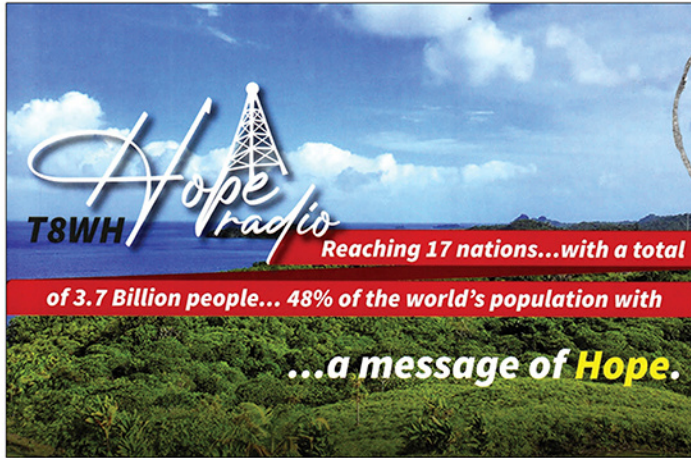


The **NASA** Journal

VOLUME LXIII NUMBER 1

JANUARY 2023



VOICE OF HOPE WORLD NETWORK

We wish to thank you for your reception report. We have found it correct and hereby acknowledge it with this verification card.

King of Hope South Lebanon KVOH Los Angeles KHBN PALAU

Date of Reception 6/29/12 Time: GMT/UTC 1059 - 1130

Transmission was heard on 9130 kHz 3126
We appreciate your interest in our programs and invite you to write again.

High Adventure Ministries
P.O. BOX 166

Sincerely yours,
BEN CABRAL



"For the earth shall be filled with the knowledge of the Glory of the Lord."



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New for '22



WORLD RADIO TV HANDBOOK 2022

This long established publication is filled with schedules, frequencies and addresses of shortwave broadcast stations. Organized primarily by country. Also includes a by-frequency listing of shortwave broadcast stations. Plus interesting articles, maps and reviews. 76th Edition. ©2021 672 p. List \$49.95.
#2022 \$47.95



WORLDWIDE LISTENING GUIDE

By J. Figliozzi. 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 10th Ed. 168 p. ©2021. List \$29.95.
#0110 \$27.95



2022 SHORTWAVE FREQUENCY GUIDE

By J. Klingentuss. This guide has 4,000 shortwave broadcast listings by frequency and includes 9,000 abbreviated entries from *Guide to Utility Stations 2021-22*. You get great coverage of broadcast and utility stations in one up-to-date book! 26th Ed. 350 p.
#0061 \$59.95



A Family Affair - The R.L. Drake Story

The behind-the-scenes story of the famous R.L. Drake Company, focusing on the glory days, when Drake was king in amateur radio. Also includes 150 pages of circuit modifications for Drake radios! 300 pgs. ©2000.
#1487 ~~\$29.95~~ Sale! \$21.99



Genuine Plastic Radios of the Mid-Century

A beautiful hardcover book with 439 color photos and values. ©1998 Schiffer 208 p. List \$39.95.
#3086 Sale! \$19.98



Transmitters, Exciters & Power Amps 1930-1980

By R. S. Moore. Over 550 transmitters from 118 companies are featured in this excellent reference with 470 photos. Includes, years produced, price new, bands, modes, power and tubes. ©1996 RSM 144 pages.
#0338 ~~\$24.95~~ Sale! \$13.98



Shortwave Receivers Past & Present 1942-2013

Fourth Edition By Fred Osterman

A comprehensive guide to over 1700 shortwave communications receivers and 1200 variants manufactured from 1942 to 2013 by 370 manufacturers in 40 countries. Over 1800 photographs are presented in this 800 page hardcover book. ©2014. Fourth Edition.
#0004 ~~\$49.95~~ Sale! \$39.95



King of the Satellites - Six Five O

Clearly the famous Satellit 650, was the "king" of the entire Grundig Satellit line. Over 100 pictures are featured in this 80 page book. Learn about variants, production numbers, disassembly, adjustments, bulb replacement and more. Includes full Owner's Manual and schematics. ©2007.
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Pirate Radio

Includes an audio CD!
Here is the incredible saga of America's underground, illegal broadcasters. From early pirate broadcasting to current times. It's all here. 326 p. Includes an audio CD with segments from some of the most famous, infamous and notorious pirates.
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Discover DXing!

Third Edition By John Zondo
A great introduction to DXing the AM, FM and TV bands. Includes: propagation, seasonal conditions, equipment, antennas, reference materials, best bets for hearing 50 states on AM, plus FM and TV information and tips.
#0009 \$6.95



Guide to Utility Stations 2021-2022 Edition

Simply the best guide to non-broadcast stations. Nearly 10,000 frequencies 0-30 MHz for CW, SSB, AM, RTTY and FAX. Fully updated every two years. 31st Edition ©December 2020. 550 pages.
#0809 \$69.95



Listening to Longwave

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 ~~\$49.95~~ Sale! \$14.90



E. H. Scott - Dean of DX

By Marvin Hobbs
During the golden age of radio, one man, E.H. Scott, set the highest standards for radio receiver performance, innovation and quality. The story of Scott and his Company as related by Hobbs, Scott's Chief Engineer from 1939-1947. 2nd Ed. 240 pgs. ©2004.
#0754 ~~\$29.95~~ Sale! \$19.98



Buying a Used Shortwave Receiver

By Fred Osterman
This affordable market guide features the top 100 most sought after shortwave portables and tabletop communications receivers. Photo, specs, features, ratings, plus new and used values for each. Fourth Ed. ©1998 URR. 78 pages.
#0444 \$5.95



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

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

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

- Prices and specs. are subject to change.
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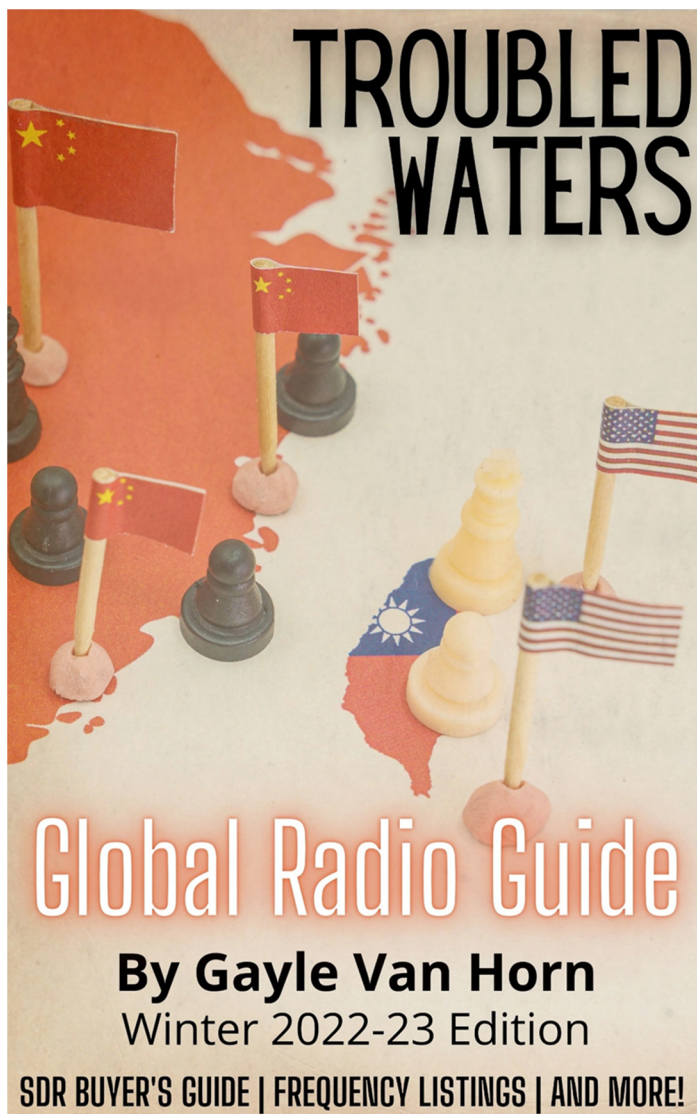
NASA Notes

Richard A. D'Angelo • 2216 Burkey Drive • Wyomissing, PA 19610 • rdangelo3@aol.com

Our awards Manager, Gary Neal, informs us that Douglas Copeland of Winnipeg, Manitoba in Canada has qualified for the following two awards: (1) All American DXer and (2) All Voice of America DXer. Thanks for the update, Gary, and congratulations to Doug on his awards accomplishments. That is a great start to a new year in DX circles.

After 19 years, Jerry Berg is discontinuing his monthly "On the Shortwaves" feature that appeared on our inside back cover. The website, ontheshortwaves.com, contains much interesting DX history and has prompted many great DX memories. Just a bit of background, the website opened some 23 years ago with Jerry Berg doing the research and John Herkimer doing yeoman's work maintaining and updating the website on a regular basis. The goal was to research and tell the largely-unknown SWBC history story from a DX standpoint, and between the site and JB's wonderful series of books, they have successfully done that.

From Gayle Van Horn and Teak Publishing Company comes word that the 19th Edition of the Global Radio Guide (Winter 2022-23) is now available with 904 pages of news, features, columns and the 24 hour schedule listings. With tensions between Taiwan and China on the rise, and with the Russian-Ukrainian war raging on, radio hobbyists are following the latest news from the front lines using shortwave broadcasts and various other radio services. You can hear these



international events like the pros do, but you will need an accurate and comprehensive global radio guide to know where and when to tune in to the action. That is where you can count on Gayle's bestselling Global Radio Guide as it has all of the details you need to catch up with the latest from these and other hotspots around the world. As one of the

Unity and Friendship

only remaining publications available with international broadcast frequencies and schedules, the Global Radio Guide (GRG) puts everything a radio enthusiast needs to navigate the action right in their hands. This newest edition of the GRG carries on the tradition of those before it with an in-depth, 24-hour station/frequency guide with schedules for selected AM band, longwave, and shortwave radio stations. This unique resource is the only radio publication that lists by-hour schedules that include all language services, frequencies, and world target areas for over 500 stations worldwide. The 19th edition of the Global Radio Guide e-Book (electronic book only, no print edition available) is available worldwide from Amazon. The price for this latest edition is US\$8.99. Since this book is being released internationally, Amazon customers in the United Kingdom, Germany, France Spain, Italy, Japan, India, Canada, Brazil, Mexico and Australia can order this e-Book from Amazon websites directly servicing these countries. Customers in all other countries can use the regular Amazon.com website to purchase this e-Book.

From the British DX Club we have the latest information about the planned 2023 European DX Council gathering. Christian Ghibardo writes: "The dates chosen are 7-10 September 2023. The venue will be the Hotel Campanile near the train station in Metz in Lorraine. I suggest you arrive on Thursday 7 September; on Friday we could visit Europa Sender in Felsberg in Saarland. Saturday & Sunday morning, the actual conference. The traditional Banquet will be on Saturday evening, and of course a sightseeing tour of the city of Metz will be included during the stay. Currently no reservations have been made, I would just like to know how many people are interested. In these difficult times in Europe (Covid, Ukraine and recessions...) it is important to prepare your travel budget. So I present to you the proposed prices:

Accommodation: with breakfast included. Single room: 90 Euro. Double/Twin room: 99 Euro. Triple room: 129 Euro, per night. Banquet: 30 Euro. Conference fees & visit will depend on the number of participants: but we can think of around 50 Euro. So before making reservations, I would like to know your opinions and your intentions. Of course nothing commits you, you can change your mind. The goal is to know if there will be a sufficient number of participants. I therefore await your feedback. Please email chr.ghibardo@gmail.com if you are interested in attending".

Another year with Palau in John Herkimer's cross hairs to start the year off right. Shortwave broadcasts from the Pacific island of Palau began in 1992 by High Adventure Ministries as station KHBN. High Adventures later sold the station to LaSEA Broadcasting/World Harvest Radio where it continued broadcasting as T8BZ/T8WH. LaSEA closed down the station in October 2019 but was reactivated in November 2020 as Hope Radio. As a result, Palau is still a great shortwave radio DX target. Thanks to John for not only the cover art but for the interesting background information.


John Figliozzi's Shortwave Center starts the New Year off right with news about "Vatican Radio hosts "G9" of shortwave media, "missionaries of peace"" followed by a piece talking about "AM radio has a future". In the Shortwave Biography section appears "The complexities and contradictions of the man who 'invented' the BBC:. In discussing Shortwave Infrastructure we have a piece by Radio World columnist James Careless entitled "Where VOA's Broadcast Infrastructure Stands Today ... Shortwave retains a role in serving particularly difficult-to-reach audiences". Closing out the column is an interesting story about the "Yamata Transmission Office" of NHK Radio. Also, Alan Roe noted in his Listening Review

column that there will be no February column due to his extended trip to South America and Antarctica. Enjoy the trip and we look forward to Alan's return for the March edition of The Journal.

Finally, Aungthu Schlenker from Radio Free Asia ("RFA") announces QSL Card #81 recognizing the Year of the Rabbit. RFA is closing out an historic year of reporting and growth, during which they began broadening their programming and storytelling capacity, as well as updating technological infrastructure. RFA encourages listeners to submit reception reports. Reception reports are valuable to RFA as they help us evaluate the signal strength and quality of our transmissions. RFA confirms all accurate reception reports by mailing a QSL card to the listener. RFA welcomes all reception

report submissions not only from DX'ers, but also from our general listening audience. Reception reports are accepted by email at qsl@rfa.org and by mail to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036.




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

Musings

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

Jerry has been under the weather and was not able to send a Musings column this month. We wish Jerry a speedy recovery.

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

Listening Review

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

Welcome to Listening Review for January 2023.

Texas Radio Shortwave

Below is the upcoming schedule from January through to March for **Texas Radio Shortwave**. Note that all programs are now



via **WRMI only**, and are broadcast on Sundays as follows: 0100-0200: 5950; 0200-0300: 5950; and 1200-1300: 15770. Special thanks to Terry Colgan, TRSW, for supplying the following information. (*Note all programs are subject to change, and note the time change in March with the start of DST in the US*).

0100: 5950 kHz

- 1 Jan:2023 Texas New Year (Hour 1)
- 8 Jan:Seals & Crofts
- 15 Jan: Challenge of the Yukon (4 episodes)
- 22 Jan: Five Americans
- 29 Jan: Texas Dance Halls #1
- 5 Feb:Gene Autry
- 12 Feb: Lisa Loeb
- 19 Feb: Soul Stirrers
- 26 Feb: Lights Out (2 episodes)

5 Mar: Texas Independence Day

0000: 5950 kHz

- 12 Mar: Clay Walker
- 19 Mar: Eric Johnson
- 26 Mar: Bold Venture (2 episodes)

0200: 5950 kHz & at 1200: 15770 kHz

- 1 Jan:2023 Texas New Year (Hour 2)
- 8 Jan:Nanci Griffith
- 15 Jan: Texas Music's Top Albums of 2022
- 22 Jan: Khruangbin
- 29 Jan: ZZ Top (Repeat of prev. aired prog)
- 5 Feb:'23 Ft Worth Stock Show,Rodeo#1
- 12 Feb: '23 Ft Worth Stock Show,Rodeo#2
- 19 Feb: KUTX98.9 Studio 1A #1
- 26 Feb: *0200 only*: Texas Dance Halls #2
1200 only: Texas Jazz Artists
- 5 Mar: 2023 S by SW Music Festival: #1
- 12 Mar: 2023 S by SW Music Festival: #2

0100: 5950 kHz & 1200: 15770 kHz

- 19 Mar: 2023 S by SW Music Festival: #3
- 26 Mar: 2023 S by SW Music Festival: #4

Note that TRSW is not all music: the once-a-month vintage old-time radio episodes are always worth a listen. *Bold Venture* (two episodes currently scheduled on 26 March) should be very entertaining. This series, originally aired in 1951/1952, star Humphrey Bogart and Lauren Bacall and is a series I never tire of listening to.

NB: TRSW has been testing use of 15770 kHz on Sundays at 2100 UT, and may extend that test into January with an additional airing of the program aired at 1200 UT. Meanwhile, I did listen to their test on 11 December (via the Twente webSDR) which comprised various versions by different artists/bands of The Yellow Rose of Texas. I didn't count them, but I gather that there were some twenty different versions played! Even now, that tune with

"There's a yellow rose of Texas / That I am going to see /

No other fellow knows her, / No other, only me. /",

is still going round in my mind!

BBC World Service

There's a lot to listen to on **BBC World Service**, and random tuning in to any of their transmissions will seldom disappoint. However, it can be quite difficult to track down when specific BBC WS programs are broadcast on shortwave. Advance program information at <https://www.bbc.co.uk/mediacentre/proginfo> and media packs rarely mention shortwave timings or frequencies, only referring to online broadcasts. So, here is a list of a few selected regular programs which I hope that you will find of interest. This complements the information in last month's column where I presented a list of News programs.

The Weekend Documentary

Investigating global developments, issues and affairs.

1206-1300 sat (s+eAS)

11850-sng, 12065-sla, 15310-sla

0006-0100 sun (sAS)

5875-erv, 5980-sla

0306-0400 sun (ME)

7285-sla, 12095-sla

The Documentary

Investigating global developments, issues and affairs.

2106-2130 tue (w+cAF)

11810-asc, 12095-asc

0532-0600 sun (e+s,w+cAF)

6005-smg, 6195-asc, 7285-asc, 15400-mdc, 17690-dha

The Conversation

Two women from different parts of the world, united by a common passion, experience or expertise, tell Kim Chakanetsa the stories of their lives.

0432-0500 mon (e+sAF,ME)

9915-sla, 13815-sla

1132-1200 mon (eAS)

6195-sng, 9580-sng, 11945-sng

In The Studio

In the Studio takes us into the minds and processes of leading and emerging figures from across the creative world.

0432-0500 tue (e+sAF,ME)

9915-sla, 13815-sla

The Arts Hour

6195-sla, 12065-sng

Global arts coverage.

2006-2100 sat (w+cAF)

11810-dha, 12095-asc

1006-1100 tue (e+seAS)

6195-sng, 9580-sng, 11735-sng,
11945-sng

Music Life

Where music stars discuss how they make their music

2306-2400 sat (e+sAS)

3915-sng, 6195-sng, 7465-sng, 11825-
pht

This is Africa

DJ Edu's pan-African music show for the BBC World Service.

1832-1900 sat (e+s,w+cAF)

7265-mdc, 7445-mdc, 9410-dha,
11810-asc,15400-asc,17780-asc

My Indian Life

Bollywood actress Kalki Koechlin: tales of what it's like to be young and Indian in the 21st Century.

0532-0550 sat (e+s,w+cAF)

6005-smg 6195-asc, 7285-asc, 15400-
mdc, 17690-dha

1832-1850 sat (ME)

0032-0050 mon (sAS)

5875-erv, 5980-sla

1032-1050 mon (e+sAS)

6195-sng, 9580-sng, 11735-sng,
11945-sng

WBCQ/R Angela

Bill Tilford updates us with the latest schedule changes to **WBCQ/R Angela**, which broadcasts daily on 5130 kHz as follows: 0200-0500 Sundays, 0300-0510 Mondays to Fridays and 0300-0530 on Saturdays (after the US DST change in mid-March, all programs will be one hour earlier).

Orwellian Airwaves is aired every Saturday at 0300-0330 UTC with Lainie Petersen giving serialised readings from George Orwell's works. **Bill Tilford** advises that, having just completed a reading of *1984*, Lainie will start a new series of readings starting on 7 January, this time giving a reading of Orwell's *Animal Farm*. These readings are highly recommended. By the way, Lainie is also reading *Shakespeare's sonnets* in their entirety over the course of several weeks in **Venerable Verses**, heard on Mondays 0450-0500. Lainie can be contacted at Lainie@hardlensmedia.com

Café Olé (hosted by Wolfgang König (from Germany, and in German) is a new program that will feature International jazz and world music from Wolfgang's ample and well-curated collection. This program will air monthly on the fourth Thursday of the month (ie starting 26 January, then 23 February and so on) at 0400-0500. Wolfgang can be contacted at Koenig_dj@hotmail.com.

Harmony Barn Sessions (with Jim Calhoun) is yet another new program to be aired on the first three Sundays of the month at 0200-0300. More details were found at his website at [Error! Hyperlink reference not valid.](#), which tells that the show will feature a true variety of styles including Classical, Country, Instrumental, Original, Rock and Roll, Jazz Music as well as Christian Music. Jim can be contacted at harmonybarnsessions@protonmail.com

Finally, **The Pirate's Cove** (A WBCQ archival program about the history of hobby, or pirate, radio), moves from the Sunday 0200 slot to the first Friday of the month at 0400-0500, replacing a repeat airing of **The Scorched Earth Music Show** (a program of new recordings which continues on the first and third Thursdays at 0300-0400).

Shortwave Radio, Winsen, Germany

Shortwave Radio kindly sent me their latest program schedule, which is detailed below (although it is subject to change, and note that all times are in UT). The current frequency schedule is 0800-1500 on 6160 and 1500-2100 on 3975 kHz (however frequency usage may change in January with the possibility of 3975 running in parallel with 6160 from 0800)

Breakfast Show with Andy Walker, Chris Ise (live) or Pirate Andy:

0800-0900 *daily*

Stafford's World (Mark Stafford):

0900-1200 *tue, sat;*
1200-1500 *wed;*
1500-1800 *sat.*

Prog Mill (Shaun Geraghty):

1800-2000 *mon;*

1700-1900 *tue;*
1300-1500 *wed.*

Andy Walker Show:

1000-1200 *mon, wed, fri;*
1100-1300 *sun;*
1300-1500 *thu, sat;*
1500-1700 *mon, tue, thu, fri;*
1600-1800 *sun;*
1700-1900 *wed;*
1800-2000 *sat;*
1900-2100 *thu*

Andy Peters (Guess the keyword):

1100-1300 *thu;*
1300-1500 *fri, sun;*
1700-1900 *fri*
1900-2000 *tue;*
2000-2100 *mon, wed*

Chris Ise Show:

0900-1000 *sun;*
0900-1100 *thu;*
1200-1300 *fri;*
1300-1500 *mon;*
1500-1700 *wed;*
1800-1900 *thu;*
1800-2000 *sun;*
2000-2100 *fri, sat*

CQ Serenade (incorporates Amateur Radio News Line (USA), Media Network (R Netherlands) and Olef Merten's AGDX News):

0900-1000 *mon, wed, fri;*
1000-1100 *sun;*
1200-1300 *mon, tue, sat;*
1500-1600 *sun;*
1700-1800 *mon,thu;*
1900-2000 *wed,fri;*
2000-2100 *tue,sun*

Music and Medicine

Music and Medicine is a new show on **WRMI** heard on Sundays at 1900-2000 UTC on 15770 kHz. The WRMI website describes the show as “a Classical Music/Medical Advice Show that is hosted by Dr. Carl Werne, MD. Dr. Werne combines his 50 year medical career in emergency medicine with an equally long love of Classical Music and the Cello. Dr. Werne has performed all over the nation with greats like Isaac Stern. As a performer/composer, he has recorded over 35 CDs and has performed on stage in Colorado, Florida, Connecticut and Carnegie Hall in New York City.”

This show supposedly was due to start on 1 January, but thanks to a tip by Richard Langley in the WOR iog mail list, we learnt that it actually started in December. I listened on 11 December, and found that there will be a new show each month on the first Sunday, with repeats on the following weeks. It was a very pleasant program with tunes such as Pachelbel's Canon (which will be the show's theme tune), Piazzolla's Oblivion, and The Swan from the Carnival of the Animals by Saint-Saëns. Very nice, and well worth a listen.

It's great to see increasing coverage of classical music on shortwave, and this show complements very well the existing classical music programming now available on shortwave:

- **WBCQ Concert Hall** on **WBCQ/Radio Angela**: Mondays 0300-0500 on 5130
- **Radio Concert Season** on **Radio Romania Int**: Sundays 0200-0256 on 5910 and 7420
- **Encore Classical Music** on **WRMI**: Friday 0200-0300 on 5850; Sunday 0100-0200 on 5850 and 7730; Monday 0300-0400 5950; Tuesday 1300-1400 15770

- **Encore Classical Music** on **Channel 292**: Saturday 1100-1200 on 6070 and 9670; Sunday 1700-1800 on 9670; Sunday 2200-2300 on 3955; Friday 2000-2100 on 6070

Radio Northern Europe International

RNEI (Radio Northern Europe International) is always a delightful program produced and presented by Roseanne, of predominantly (but not exclusively) Scandinavian and Northern European music. I listened to the December “Christmas” edition (***Rose and Mamma's Magical Yule 2022***) on 22 December at 1300 UTC on 15770 kHz (via the Twente WebSDR which provided excellent reception). There was some really nice Christmassy music from artists that I'd mostly never heard of, such as Sandra Lyng of Norway (with her song *Snøkrystalla*) and of AURORA (also of Norway, and it turns out that her name is stylised in capitals as shown) with a beautiful rendition of *Walking In The Air*. So many other lovely songs. Hopefully the program will be uploaded to the RNEI Mixcloud account in due course at <https://www.mixcloud.com/RadioNorthernEurope/>.



RNEI is scheduled:

- Sundays 0100-0200 on 5010 via WRMI
- 1st Sunday of month 1200-1300 on 6070 via Ch.292

- 3rd Sunday of month 1200-1300 on 9670 via Ch.292
- Thursday 0100-0200 on 5850 and 7730, both via WRMI
- Thursday 1300-1400 on 15770 via WRMI

Transmissions via **WRMI** (and the online podcasts) include **Mamas Mest Metal** and **Stephens Feature** in the second half hour, whilst transmissions via **Channel 292** feature **This is a Music Show Express** in that second half hour.

KSKO Worldwide Relay

There was an entertaining two-hours listening from the worldwide relay of the afternoon show from KSKO 89.5 MHz in McGrath, Alaska on 23 December from 2300 UTC. Thank you to Paul Walker, the Program Director of the station who arranged the relay. It was an opportunity to not only enjoy the Christmas tunes and greetings played during the program, but also to experience a live broadcast via shortwave of a program broadcasting primarily to the local McGrath community, including the local weather reports. I listened via the 5900 kHz relay via Spaceline, Bulgaria which provided



excellent reception here in UK. It was also broadcast via WRMI. Thank you to Paul for arranging this.

I hope that you all managed to find something of interest to listen to over the Christmas and New Year Holiday period using the "Holiday Programs on Shortwave" list that I circulated via the NASWA mail list and various Facebook groups.

Owing to holidays, the next edition of Listening Review will be in March. Until then: 73's – Alan

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



International Broadcasting

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

Radio, domestic and international, in 1938

The journal *Foreign Affairs* recently reprinted an article from January 1938: "Radio as a Political Instrument" by César Saerchinger. (fam.ag/3vuaAEB – If it's behind a paywall consult your local librarian or try to harvest from the source code.) The title glosses over the real subject of piece: radio as a political instrument in Europe, with some comparisons to radio in the United States. And there is much discussion of radio across national boundaries, including shortwave radio. César Saerchinger was "correspondent in Berlin and London for the *New York Evening Post* and the *Philadelphia Public Ledger*; subsequently European director of the Columbia Broadcasting System." That job, in 1938, was more about getting CBS reports from Europe to America, than transmitting CBS content from America to Europe via shortwave.

Saerchinger begins with a textbook treatment of comparative domestic broadcasting systems in Europe. In the UK, the BBC is a "semi-socialistic organism ... found in such bodies as the Port of London Authority and certain British utilities corporations from which the profit motive (though not individual enterprise and ability) has been eliminated." France "has both government and private broadcasting." In the Netherlands ("Holland"), "there are no less than five broadcasting associations, run not for profit but for the benefit of their members. Three of them have a religious bias (Catholic, Protestant and just Christian), and

one a political bias (Socialist). The fifth and largest is 'general,' that is to say, neutral, non-partisan and secular. Each maintains its own studios and program staffs, and all five divide the available time on the two existing long-wave transmitters under an equitable system of rotation."

Saerchinger contrasts political broadcasting in the United States, where politicians can buy time, to Europe: "Under a broadcasting monopoly, time for election speeches is usually apportioned by agreement between the parties, or on some principle which the broadcasting authorities consider equitable." ... "The real dictatorships, however, of whatever political complexion, employ radio exclusively as a means of consolidating their power within their geographical and racial boundaries and projecting their political doctrines into the consciousness of every possible listener -- man, woman and child." And, he observes: "It is a curious fact that neither Hitler nor Mussolini nor Stalin ever speaks into a microphone from the solitude of an office or a studio. The crowd's cheering in response to his physical presence seems to be an indispensable incitement of the leader's own verbal acrobatics."

Cross-border medium wave and longwave

Saerchinger's discussion of international broadcasting begins with cross-border radio on longwave and medium wave. "It obviously is awkward that language frontiers do not

conform either to political or physical geography. Strasbourg broadcasts in German, because Alsace is predominantly German-speaking. ... As for Strasbourg, I have never noticed anything in its news announcing that would not be thought perfectly natural and correct in England or the United States. But to the German authorities its dispassionate impartiality is regarded as an anti-German bias of the worst kind, for it is at complete variance with the news published in the Nazi press. And Strasbourg can be heard far into German territory. There is little that the Germans can do to keep Strasbourg out. They have issued decrees against listening to foreign stations, but clandestine listening, despite the vigilance of Nazi eavesdroppers, continues to occur. There has also been a good deal of attempted 'jamming' -- setting up a noisy oscillation on the wavelength of the offending foreign transmitter -- but the effect of such interference is local and much less efficacious than supposed. In a broadcasting war, offense is far more successful than defense."

Here, Saerchinger touches on an important point. The discussion in this article, and in most essays in the 1930s about international radio, focused on who does propaganda the best. The concept of objective news versus propaganda was rarely explored (just as it is too-often overlooked today). He explains how the most effective antidote to propaganda is not counter-propaganda, but "dispassionate impartiality." Audiences seek it; dictators hate it.

Eventually the subject turns to trans-oceanic radio using the newly (in 1938) exploited capabilities of the shortwave frequencies. "This development has created a problem for radio engineers comparable to the scramble for ether space in the early days of European broadcasting. In the political field it creates

difficulties even more prodigious: it has turned a European into a world problem."

Shortwave, via the Heaviside layer

"The peculiarity of short-wave transmission ... is that it is most efficacious over ultra-long distances -- thousands of miles -- and especially in transoceanic work. The direct wave, or so-called 'ground' wave, fades after a short distance, but the sky wave, reflected from the Heaviside layer of the atmosphere, encircles the earth. ... Many short-wave transmitters now [1938] in use are of the order of 40 and 50 kilowatts, and others now being built will go up to 100 kilowatts and probably more."

"The value of this method of long-distance transmission in creating a new link between parts of a far-flung community like the British Empire is obvious. Great Britain therefore took the lead; the British Empire station at Daventry, with its six transmitters, reaches virtually every British Dominion and possession with a carefully timed cycle of transmissions."

"Having no colonial territories, the policy of the German shortwave service is, first, to reach 'colonies' of overseas Germans wherever they may be, make them conscious of their ties to the fatherland, and preach to them the Nazi philosophy of national greatness; secondly, to promote 'good will' and create German markets in competition with other exporting countries; and thirdly, to convince the rest of the world of German greatness and the justice of German aspirations."

"Italy, both master and pupil to German Fascism, is not far behind the big brother in this field. ... By early 1937 the Italian short-wave station was broadcasting regularly in Italian, English, Spanish, Portuguese, Arabic, Chinese, Japanese and Hindustani. On

December 1 of the same year, the Italians further expanded their foreign-language broadcasts. ... In addition to the languages mentioned above, news is now being transmitted by Italian stations in Serbian, Greek, Turkish, Rumanian and Albanian."

"Other countries with colonial empires -- the Dutch, the French, the Belgians and the Portuguese -- are all using short-wave broadcasting to provide their colonists and natives with news and entertainment from home. France, which already broadcasts a cultural program to the United States, is intending to construct a 100 kilowatt short-wave transmitter at Pontoise, which, for a while, may be the strongest single transmitter in the world. Of non-colonial countries the first to enter the short-wave field is Czechoslovakia, with its excellent station at Podebrady (35 kilowatts), which at last accounts was broadcasting in Czech, Slovak and -- for the United States -- in English."


"Today the most important channels of communication are in the ether, and while no accurate count can be given that would be valid for more than a few months, there is no doubt that the dictatorship countries are in this respect at least as strong as the others. Moreover, radio communications,

while they can be interfered with, cannot be definitely cut. In order to jam a radio transmission it is necessary to produce a counter-oscillation of similar intensity on the same frequency; and to do this consistently requires not only constant watch but some foreknowledge of the sequence of frequencies to be used by the enemy."

"What are the conclusions, and what lessons is a country with peaceful intentions to draw from all this? American radio, both for communication and for broadcasting, is in private hands. We are apt to boast of our free speech, our lack of censorship, and the great scope we give to private enterprise. In peacetime these things are more than desirable, they represent a precious privilege for which we are grateful. But in wartime all this must necessarily cease. Just as every amateur radio in the United States was confiscated in the last war, so every commercial radio station will probably have to be commandeered in the next."

So at least one prediction in Saerchinger's otherwise prescient essay turned out not to be true.

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

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. 

Shortwave Center

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We begin another year in shortwave radio, grateful that though somewhat less than what it has been it remains a significant part of international media. For most of us, it allowed us a window (or eavesdrop perhaps)

into the world that was unique for its time. Despite the arrival of other media modes of discovery, is it any wonder that we remain grateful to it and continue to support it the way we do. Happy New Year!

SHORTWAVE NEWS

Vatican Radio hosts "G9" of shortwave media, "missionaries of peace"

Vatican News
By Michele Raviart
13 December 2022

The "G9" group of the primary western radio broadcasters met at the Vatican on Tuesday focusing on a number of issues, including the use of short-wave radio in order to render the jamming of international broadcasters less effective through common efforts to coordinate how broadcast frequencies are used and technical cooperation between members. This marked a key item on the agenda of the meeting which brought together the representatives, including Vatican Radio, in the historic building of the Pope's radio, located in the Vatican Gardens, a place that housed the first Marconian radio station.

secretary of the Dicastery for Communication opened the meeting. In a world that is increasingly marked by expanded services in broadband and new technologies, we are "dedicating ourselves to shortwave and the services that are offered through it," Msgr. Ruiz noted, as it is "fundamental in order not to forget those people in different parts of the world who have no access to other forms of information and connection than with these technologies. For us, who are essentially missionaries, short wave offers a precious means of outreach since it allows us to reach the ends of the earth with a message of tenderness, mercy, peace and hope."

Reaching the ends of the earth

"You are at home, because the Holy See is everyone's home, because it wants to **welcome us in a universal embrace of fraternity** to work for the good of humanity," is how Monsignor Lucio Adrian Ruiz,

2023 meeting in Washington

The "G9" group came to be in the early 1960s and includes Vatican Radio, Adventist World Radio, owned by the Seventh-day Adventist Christian Church, Encompass, Deutsche Welle and Media Broadcast, the Federal

Communications Commission and the United States Agency for Global Media (AGM), and France's Tèlèdiffusion de France and Mglob S.A, which broadcasts from Antananarivo in

Madagascar. Meetings are hosted on a rotating basis by all members. The next gathering will take place in Washington in June 2023 and will be hosted by AGM.

AM radio has a future

Amateur Radio Newline Report 2354 Friday December 9th, 2022

The good news is that AM radio has a future, which means the band isn't going to be reallocated anytime soon. Those were the words of FCC Commissioner Nathan Simington, speaking recently at the 79th annual convention of the National Association of Farm Broadcasting. Simington said that, for one thing, AM radio is an integral part of the life of the more than 3 million farmers in the United States who rely on it daily for vital information.

He called it the [quote] "essential spine" [end quote] of the Emergency Alert System. He said that despite beliefs by many that it has been killed off by more advanced technology, AM radio is here to stay for the foreseeable future, especially for those who live on the kind of farm where he himself

grew up. He said he is against any move the FCC might be pressured to consider to reallocate the band.

He told convention attendees: [quote] "Look, people listen to radio in their cars or trucks—particularly rural radio. That's just how it is. And if people lose the ability to tune into AM on their cars, well, there goes AM radio." [endquote] He said that while satellite is a good option, it is too expensive. He said AM radio is not just free but carries an important emergency signaling infrastructure.

In his opinion, the best option for AM radio's future to simply preserve it for the generations to come.

SHORTWAVE BIOGRAPHY

The complexities and contradictions of the man who 'invented' the BBC

The Telegraph
By Simon Heffer
11 December 2022

When a man or woman becomes an adjective, it is usually a sign, for good or bad, of historical significance: think of Dickensian,

Miltonic, and Thatcherite or, perhaps, Stalinist. This was John Reith's destiny too: "Reithian", to describe the style, attitudes

and values of the first director-general of the British Broadcasting Corporation, has become the adjective of choice both for those who attack the BBC for so often departing from the Reithian standards of its founder, and for others who try to argue that too much Reithian thinking prevents the Corporation from embracing the attitudes of the 21st century. Although it is usually with a sense of regret that the BBC is not what it used to be that causes his name to be invoked.

It was exactly a century ago, in December 1922 that John Reith became the general manager of the British Broadcasting Company, a radio station formed by a consortium of wireless set manufacturers in agreement with the Postmaster-General. Reith was 33 and had no idea what broadcasting was; he had been working as an official for the Conservative Party during 1922, having had a good Great War, but was frustrated and looking for a challenging job in management. He not only had experience of leadership from his time in the army, but had for a time after demobilisation managed an engineering works in Glasgow, in his native Scotland. Above all, he exuded self-belief and a clear head. He was shot in the face by a sniper on the Western Front in 1915, which left him scarred for life, and while waiting for the stretcher party to take him away is alleged to have commented only that he was very angry, and that he had spoilt a new tunic.

He was a physically towering presence, at 6ft 6in, and had a stern personality that disguised his breadth of thinking and ability to innovate. He told his interviewers in 1922 that he felt able to manage any business, and was given the chance to prove it. Once he had asked his deputy to tell him exactly what broadcasting was, he picked up the baton rapidly and sure-footedly: first, finding the BBC a building on Savoy Hill (it

would be nearly a decade before the Art Deco monument of Broadcasting House was built on his initiative). However, he mentions in his memoirs that he was “confronted with problems of which I had no experience: copyright and performing arts; Marconi patents; associations of concert artists, authors, playwrights, composers, music publishers, theatre managers, wireless manufacturers”.

Not only did he soon get to grips with all that, but he also set about innovating. A series of scuffles with newspaper proprietors unhappy at the BBC breaking their monopoly on spreading the news, caused them to retaliate by refusing to publish listings of the company’s programmes – so Reith had the idea of founding the Radio Times, which quickly became one of the most-read and profitable publications in the country.

But Reith made his name and reputation, and helped seal his place in history, through his strong moral presence. Born in 1889, he a son of the manse, the seventh child of a Presbyterian minister in Kincardineshire. His education was split between Glasgow Academy and Gresham’s School at Holt in Norfolk, after which he went to Glasgow’s technical college to train as an engineer. He became an officer in the Territorial Army in 1911 and was fighting in France shortly after the Great War broke out; his wound nearly killed him, and once he had recovered he was sent to supervise a cordite factory in Scotland. He then crossed the Atlantic as a liaison man in an arms factory in Pennsylvania, where the Enfield rifles used by the British Army were being manufactured. It was there he developed his management skills, ensuring the fulfilment of vital arms contracts. He thought of moving to America, but luckily for Britain he did not. His destiny as the guiding hand of the BBC would change his country.

Reith was an intensely complex man, one of those complexities being the depth to which religion informed his life and work. Interviewing a potential editor of *The Listener* – another BBC publication that was his initiative – he had no qualms about asking him whether he accepted the fundamental teachings of Jesus Christ. Reith was determined that the BBC would improve the British people and not contribute to their spiritual decline. Broadcasting did not start until 12.30pm on Sundays to give listeners the chance to go to church without fearing they would miss their favourite programmes. The BBC's mission statement that it would "inform, educate and entertain" is attributed to Reith, though there is no reliable source linking him to the quotation: it has stuck to him because those words describe exactly what he intended to do and, indeed, did.

But Reith's complexities did not end there. He was autocratic in style, though it was an autocracy operated wisely and, as such, he maintained the respect of his staff. He was famously prudish about sex: having found his chief engineer in flagrante delicto, he sacked him on the grounds he had strayed "from the path of righteousness".

Yet Reith, before his marriage in 1921, had been inseparable from a younger man, Charlie Bowser, in what his finest biographer, Ian McIntyre, and indeed Reith's daughter, Marista, considered a homosexual relationship. Bowser was dismissed from his life when Reith married, though for the rest of his life he noted his birthday in his diary.

Reith quickly realised that commercial considerations had to be removed from the BBC, and that if it were to flourish and maximise its influence it had to become a formally constituted public service

broadcaster. Discussions on this, involving the government, began late in 1925 and continued throughout the next year, with Reith playing a leading part, and concluded in time for the British Broadcasting Corporation to be established under Royal Charter on January 1 1927.

He was fully aware of his achievement in creating this powerful institution from scratch in barely four years, and when offered recognition with a knighthood in the 1927 New Year's honours list confided his true feelings in his diary: "A KG [Knighthood of the Garter] would not have been too much for what I have done," he raged. "An ordinary knighthood is almost an insult." It is typical Reith: overwhelming arrogance and conceit, but based on an accurate estimation of his capabilities and not on delusion.

Reith's effective creation of the BBC in his 15 years in charge, from December 1922 to June 1938, was a monumental achievement, secured mainly by will, vision and relentlessly hard work. He started Britain's national conversation, and in a country where the majority of ordinary people left school at 12 or 13 – with the more gifted having little more access to education or self-improvement – he opened minds and raised awareness of the world. He brought the nine million or so households who held radio licences by the time he left office closer to the centre of power.

Later in life he considered himself a failure, becoming absorbed in self-pity and selfishness and a tyrant to his family, but in his heyday he was one of the most formidable men in Britain. And 100 years after he began his work, he still has a claim to be perhaps the greatest human cultural force of the British 20th century.

SHORTWAVE INFRASTRUCTURE

Where VOA's Broadcast Infrastructure Stands Today Shortwave retains a role in serving particularly difficult-to-reach audiences

BY JAMES CARELESS
PUBLISHED: DECEMBER 3, 2022
RADIO WORLD Magazine

Russia's horrific invasion of Ukraine and its simultaneous blocking of Western media outlets has renewed public interest in shortwave radio broadcasters like the federally funded Voice of America.

Now managed by the U.S. Agency for Global Media or USAGM, VOA's roots go back to 1941, when the U.S. government leased a dozen commercial broadcaster owned/operated shortwave radio transmitters for the VOA's predecessor, the U.S. Foreign Information Service. (These shortwave transmitters were previously used by U.S. broadcasters to share content between their AM radio stations.)

The VOA came into being in 1942. It played a major role in broadcasting U.S. news and views to the world during World War Two and the Cold War. After the fall of the Berlin Wall, shifting government priorities, the emergence of platforms competing with shortwave, and budget cuts led to VOA's language services, broadcasts and programming being reduced.

Today, "USAGM operates transmitting stations around the world, including in the U.S., Africa, Europe and Asia," Laurie Moy, USAGM's director of public affairs said in an email earlier this year.

"All of these stations are equipped with multiple shortwave transmitters, and four of these stations have a medium-wave (AM) transmitter each. In total, USAGM's network consists of about 75 shortwave (ranging from 100 to 250 kW) and medium-wave (ranging from 100 to 1000 kW) transmitters."

The agency also has access to shortwave and medium-wave transmitters via leases and exchange agreements with other broadcasters.

At present, USAGM produces content in 63 languages, 35 of which are aired on shortwave and medium-wave. VOA itself produces content in 48 languages, 18 of which are aired on shortwave and medium-wave.

"In terms of the agency's shortwave network, shortwave continues to reach particularly difficult-to-reach audiences, such as in North Korea, western China, Afghanistan and elsewhere," Moy told Radio World.

Shrinkage and growth

In its heyday, VOA had major U.S. shortwave transmitter/antenna sites at Greenville, N.C.; at Bethany, Ohio; and at Delano and Dixon, both in California.

“The only VOA transmitter that exists in the U.S. today is Site B at Greenville, which was opened in 1963 by John F. Kennedy himself,” said Dan Robinson, a retired VOA correspondent, language service chief and longtime shortwave enthusiast.

“Internationally,” said Gerhard Straub, who retired last year as director of the USAGM’s Broadcast Technologies Division, “there have been no significant reductions in the shortwave infrastructure. The last significant reduction was when the Sri Lanka transmitting station was closed after suffering significant storm damage. At that time, transmitters from Sri Lanka were moved to other transmission sites, notably the Greenville station, to modernize it a bit.”

Moy agreed: “Other than closing the Sri Lanka station, USAGM has made no other significant changes to the network since 2017, except to maintain and repair equipment as needed. At our station in the Northern Mariana Islands, where a typhoon destroyed the transmission infrastructure in October 2018, USAGM has been repairing or replacing the damaged antenna arrays.”

On the flip side, said Straub, “There is a major project underway to increase shortwave capability at the Kuwait transmitting station, in addition to a new antenna that was added a couple of years ago. This project is adding antennas and transmitters to provide additional coverage of Africa. USAGM also added Digital Radio Mondiale capability at the Greenville transmitting station to experiment with that mode in a project with the Office of Cuba Broadcasting.”

Reliance on other platforms

In recent years, VOA, Radio Free Europe/Radio Liberty and other U.S. government broadcasting services have

increasingly relied on non-shortwave platforms to get their messages across to international listeners.

“A key goal for USAGM is to deliver programming to audiences on the platforms they prefer, despite the instabilities and evolution of media markets,” said Moy. “USAGM continues to see year-on-year growth of its radio audiences — USAGM’s weekly audiences on radio platforms in 2021 total 142 million people — and virtually all of this growth comes from local rebroadcasts and USAGM’s own FMs.

“While TV remains the most popular platform for USAGM audiences overall, audiences on digital platforms are the fastest growing and now surpass radio audiences,” she continued. “Digital platforms include not only websites and social media, but also on-demand video apps, podcasts, streaming services and more.”

Dan Robinson has written critically about VOA’s audience methodology and expressed skepticism about these audience numbers. “You’ll see situations where VOA signs a rebroadcast agreement with some TV or radio station in, let’s say, Northern Nigeria, and then instantly tack on that broadcaster’s own audience claims to VOA’s global reach numbers,” he said. “But this does not mean that VOA is actually reaching that entire audience.”

But Moy pushed back on that.

“Mr. Robinson’s research-based assertions are incorrect. We do not count an affiliate’s total audience as our own. We conduct our own nationally representative surveys, adhering to standards developed by the Conference of International Broadcasters’ Audience Research Service. In these surveys we ask about the reach of our brands — for example VOA — and the reach of specific

programs with clear brand names, such as Africa 54. Once someone says they consume our brand or our program, then we ask where they consume it, including questions about whether they're watching/listening on a named partner station."

Local AM/FM/TV rebroadcasts and websites can be vulnerable to hostile regimes shutting them down. But VOA does not intend to follow the BBC World Service's lead and reintroduce shortwave broadcasts to this region.

"Our research indicates there are few shortwave sets in use in that part of the world, so it's not in our current plan to add shortwave broadcasts," said Bridget Ann Serchak, VOA's director of public relations earlier this year. "However, we have begun a satellite TV channel to provide additional content for audiences in Ukraine and are exploring other methods of transmission."

No major shortwave revival

One thing seems certain: A global rebuild/expansion of VOA's shortwave infrastructure is not in the cards.

"In some areas shortwave is not considered as important as it used to be, mainly due to the proliferation of other media platforms such as internet and satellite-based systems and the media consumption habits of the target demographic in those areas," Straub said.

"However, in other geographical areas such as Africa, shortwave continues to be very important, as evidenced by the addition of USAGM shortwave capability to this area."

This is a position that makes sense to Dan Robinson, much as he wishes it didn't.

"There's a difference between what I would like to see as someone who was always interested in shortwave and saw the impact that it used to have, and what I think makes sense today," he said. "At the same time, much of the shrinkage has been driven by VOA, BBC and other broadcasters pulling back from shortwave and their listenership falling as a result, not vice versa."

Acting Chief of Staff Gary Butterworth noted that VOA's second-newest language, Rohingya, launched in July 2019 exclusively on shortwave and medium-wave.

"It's certainly true that the world seems to be moving on from these bands, but they're not entirely dead yet, and we certainly haven't forgotten about them," he told Radio World.

What remains to be seen is how the apparent drop of a new "Iron Curtain" across parts of Eastern Europe affects the West's ability to reach listeners there. Even today, shortwave's advocates say that SW remains the cheapest, easiest to conceal and hardest to block option for listeners in Ukraine, Russia and other countries of interest to Vladimir Putin.

Comment on this or any story. Email radioworld@futurenet.com with "Letter to the Editor" in the subject field.

Find more of the author's stories about all aspects of international radio at www.radioworld.com/author/jamescareless.

James Careless is an award-winning freelance journalist with experience in radio/TV broadcasting as well as A/V equipment, system design and integration. He has written for Radio World, TV Tech, Systems Contractor News and AV Technology among others. Broadcast credits include CBC Radio, NPR and NBC News. He co-produces/co-hosts the "CDR

Radio podcast" and is a two-time winner of the PBI Media Award for Excellence.

KDDI Yamata Transmission Office

**Excerpted from the web site: time-space.kidi.com
Translated from the Japanese via Safari**



With the development of wireless communication worldwide, in Japan, the Yamata transmission station was opened in 1940 as a transmitter for overseas broadcasting. It is still called the "KDDI Yamata Transmission Office" and is the only shortwave broadcasting in Japan to overseas.

The KDDI Yamata Transmission Station sends shortwave radio international broadcast signals from NHK World Radio Japan to all over the world, from Brazil to the Showa base in Antarctica. More than 80 years after its opening, we talked to Takashi Horie, the manager of "KDDI Yamata Transmission Office" about the significance of continuing to send shortwave broadcasting to all over the world.

"The "Yamata Transmission Center" opened in 1940 and sent shortwave broadcasts to overseas countries without experiencing any major damage during the war. Until around 2008, high school baseball, red and white singing contests, peace memorial ceremonies, etc. were sometimes extended to the world and sent to the world, and it

was very popular in countries with many Japanese such as Brazil."

"Unlike satellite broadcasting and the Internet, short-wave broadcasting does not require large-scale equipment such as communication satellites and submarine cables. As long as the listener has a short-wave radio that can receive, anyone can receive information overseas."

"In addition, telephones and the Internet are widespread all over the world, but in the event of a large-scale natural disaster or political unrest, communication may be interrupted. Even in that case, by transmitting information by short waves, we can convey the correct information to the world."

"The local communications were cut off in the Gulf War in 1990, so the remaining Japanese could not get accurate information. So, I sent an emergency broadcast to the remnants, but for those who are there, the



Takashi Horie, Transmission Manager

only source of information from Japan was this shortwave broadcast."

"Shortwave broadcasting that does not require a relay facility and can send information directly in case of emergency."

"Even if there is a large-scale disaster, civil war or war, as long as there is a Hachimata transmission station, we can send information on short wave. That's why the Ministry of Foreign Affairs is making an announcement to overseas travelers to carry shortwave radios," says Horie.

"On the other hand, even globally, shortwaves are on a shrinking trend. If you are going to do international communication, you can use a large-capacity optical submarine cable or a communication satellite, because shortwaves are inefficient from the perspective of economy."

"If we lose shortwave broadcasting because it is inefficient, we may not be able to transmit information from Japan to overseas in an emergency like in the Gulf War, so we

consider sending shortwave broadcasting as a "national interest." It's a shortwave broadcast that I rarely listen to in everyday life, but it still plays a big role in terms of crisis management in Japan."



KDDI Yamata Transmission Center, which has been established for more than 80 years, continues to transmit Japanese information to the world using shortwave broadcasting without taking a break.

This piece was excerpted from an article on September 29, 2021 on the Time-Space KDDI web site. (<https://time-space.kddi.com/au-kddi/20210929/3183>).

The Robinson Report

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My Love Affair With An Also-Ran Receiver

Writing here at the end of 2022, I have chosen to switch the focus back to the topic of some of the equipment I have used over the years, and am still using, specifically with this January column to write about a receiver I had ignored, but which is now among my favorites.

I speak about none other than the Ten Tec RX-350, a receiver that was first on the

market from the former Tennessee manufacturer in the early 2000s and which (see the Osterman guide Pg 729) had quite a short production run from 2001 to 2003.

The RX-350 I would describe as a poor man's RX-340, the larger and more well-known Ten Tec receiver produced for many more years for the commercial/military market and which is now a prized possession in many



So, what makes the 350 such a winner in my view? First, let's address the elephants in the room, some of the criticisms of the radio which got a 4-star rating in the Osterman guide (<https://www.dxing.com/rx/rx350.htm>) and is heavily criticized by Dave Zantow on his excellent website, mentioning things like failure-prone displays, cheap encoder knobs and power supply, and the lack of any firmware updates. On eHamnet the 350 gets quite a few four and five star reviews, with a few two and three star reviews thrown in.

collections, similar to the Watkins Johnson 8711/A and HF-1000 it was in competition with.

So, affirmative on the cheap knobs – really light plastic albeit with an adjustment set screw, and VERY vulnerable to being broken off. I have yet to have difficulties with the power supply on my first two RX-350s, or with the front displays. The original firmware on the receiver (1.15) stops date counting at 2023, so having an accurate date display after the new year will be impossible.

Like the 340 (of which I have two), the RX-350 is very light, basically a computer chip radio, like the 340. This came as a surprise to me when I got my first 350 in a Japan auction. My second 350 came from an original owner in the United States. And I like the radio so much that a third is on the way as I write this.

To add to the criticisms, on the back the 350 has DIN style ports to plug in the optional 702 remote keypad, but the connectors don't stay in those ports very well and have to be checked frequently to make sure they have not come off. Tests of the RX-350 by Rob Sherwood brought some decent results, which I can send to anyone wanting them if you contact me.



The RX-350 was reviewed by Passport to Worldband Radio – my copy of the 2005 edition gives the receiver a 4 and 1/8 stars rating and goes over a number of challenges, including lockup of the processor from time to time, requiring a power off/on operation.

But let me look at what I consider to be the high points of this radio, which has actually become among the more less likely to be

seen on the used market. First, the huge display is a pleasure. Frequencies are with very large digits, easy to see (screen brightness is controlled via MENU options accessed with a MULTI selector knob on the left).

- The RX-350 has some excellent noise reduction going on. It's just one position, on or off, via a button on the left of the radio, but it really functions well.
- The receiver also has an AUTO NOTCH, which is accessible via a front panel button to the left of the NR. I have not done extensive testing of auto-notch, to determine for example if it rivals that of the AOR-7030, but having this option is really nice.
- Passband Tuning (PBT) is activated with a button press under the front display, then controlled with a knob on the left. I am very impressed with this, especially in combination with the DSP continually variable selectivity
- DSP Selectivity – one of the features that immediately jumped out for me is the fact that the RX-350 has not just 2 or 3 or four or 5 bandwidth filters, but continuously variable DSP. That's right, just like a RX-340, or a Watkins Johnson 8711, this is an amazingly



useful tool controlled by an knob on the left. In conjunction with PBT, this puts the receiver easily into my top 10 radios and makes up for whatever other shortcomings the 350 has.

- AGC is also adjustable and not just OFF/ON like the horrendous Eton Elite Satellit (talk about an uneven comparison) but SLOW, MEDIUM and FAST as on a Drake receiver.
- SYNCHRONOUS mode – yes, the receiver also has SYNC, and it works in DSB as well as LSB and USB. It loses lock from time to time, but I find to be excellent overall.

Some additional points: power supplies for the RX-350 are still available on Ebay – I obtained two as spares. Also, it's easy to pick up replacement encoder/knobs from Digikey or Mouser, but replacement requires deconstructing the panel to access the front board.

RX-350s have become, as I mentioned above, harder to obtain on the used market. Perhaps this is because those who have been able to get one come to realize what a great receiver the 350 is. It could also be because fewer and



fewer of the receivers are out there in decent condition and for sale.

As for price, the Osterman receivers book seems to still be pretty accurate – if a 350 is in good to excellent condition, including cosmetics, expect to pay as much as \$800 for it. I was lucky to obtain one that was in essentially LNIB condition for \$400.

Online sources of information about the 350 in addition to what I have mentioned above, include Dave Zantow's site (<https://www.qsl.net/n9ewo/rx350.html>) along with eHamnet (<https://www.eham.net/reviews/view-product?id=1987>) the original Universal Radio page (<https://www.universal-radio.com/catalog/commrxvr/rx350.html>), the website of Fernando Duarte (<https://www.fenu->

[radio.ch/Ten-Tec RX-350-en.htm](https://www.fenu-radio.ch/Ten-Tec_RX-350-en.htm)), and the original Ten Tec website at <https://www.tentec.com/ten-tec-rx-350d-hf-dsp-receiver/>.

Finally, I should mention that the RX-350D version provided a 12 khz output accessible via a rear jack for DRM. That was the only change to my knowledge from the original RX-350. I have never used the DRM capability of the 350, nor have I used it on one of my AOR 7030s which has a DRM modification.

That's all for now, as I write this on the eve of 2023. Next up, barring any major new developments in the ongoing VOA/USAGM story, a look at another receiver in my collection – you guessed it, the AOR 7030/Plus.

Listener's Notebook

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Times are UTC and frequencies in kHz.

ALASKA KNLS Korean Programing to Begin in January 2023. The uniqueness of World Christian Broadcasting is focused on places where our missionaries cannot go or where we do not have enough workers. In 2006, we began building the radio station in Madagascar to reach the Middle East with the gospel. That antenna blankets Africa, South America, the Middle East, the western part of Russia and China, India, Cuba, and every corner of the world. Those 3 antennas have introduced Jesus to millions of people. So, what is next? North Korea! Sang Yang, who lives in South Korea, and his team have joined World Christian Broadcasting and will be sending out Korean broadcasts into North and South Korea. He has preached and been involved in radio work for many years. He

and his team are getting programs ready now to send out to the world. In North Korea, we will use the “invisible tool” of SW radio that cannot be traced. It may be one of the safest ways to teach people about Jesus. We can drop a strong signal on top of North Korea from KNLS in Anchor Point, AK. Websites and Bible Correspondence Courses are available (Andy Baker, World Christian Broadcasting Newsletter, Winter 2022/DX Mix-Bulgaria))

Frequency changes of KNLS The New Life Station Anchor Point:

1300-1400 NF 9530 Chinese tx#1, ex 7395
1400-1500 NF 9530 Chinese tx#1, ex 9535
(DX Mix-Bulgaria)

ALGERIA Winter B-22 of Telediffusion d'Algerie via Bechar & Ourgla:

0000-0300 on 7440 ORG Arabic Holy Qur'an
px
0300-0600 on 7440 ORG Arabic Holy Qur'an
px
0600-1100 on 15410 ORG Arabic Holy Qur'an
px
0600-1100 on 17600 BEC Arabic TDA - Chaîne
1
1100-1900 on 15410*ORG Arabic Holy Qur'an
px
Some days on 17700 ORG Arabic HQ as
alternat
1100-1900 on 17600 BEC Arabic TDA - Chaîne
1
1900-2400 on 15410 ORG Arabic Holy Qur'an
px
Some days on 15400 ORG Arabic HQ as
alternat
1900-2400 on 17600 BEC Arabic TDA - Chaîne
1 (TopNews)

ANTARCTICA LRA 36 National Radio Archangel Gabriel, the world's most southern radio station, is the only state station that broadcasts short-waves from Antarctica. Features that, added to the fact that it is a state-run station operated by Antarctic Joint Command military personnel, make it unique from other radios. For the second year, Radio Nacional LRA 36 will be managed by a professional and technical team composed exclusively of women. This is what the Defense Minister announced, December 7: "The new team (Marcelo Ayala and his production group will be composed of Lorena del Carmen Alvarado, Maria Victoria Menendez, Noemi del Valle Cisneros, Ariadna Veronica Berrardo and Adriana Novakoski and the technical operation of First Corporal of the Navy Nicole Valde) will replace Romina Zabalza, Maria Eugenia Rodriguez, Claudia Beatriz Albarracin and Mariela Churquina, who have been in office for a year. In addition to the local FM service, LRA 36 National Radio Archangel Gabriel has international reach thanks to short air waves. The purpose of its programming is to spread Argentine culture, but above all the

work of the armed forces in Antarctic bases, scientific research work and, fundamentally, the support of the historical claim for remembrance the beauty of the Antarctic territory. You can listen to the radio at 15476 kHz and it confirms listening reports through QSL". (TopNews)

15476, Radio Nacional Arcangel San Gabriel, F/D eQSL Card in 21 days. E-mail address: lra36nacional@gmail.com. (Juan Carlos Pérez via Facebook Group "QSL Chasers"/DX Fanzine)

ARMENIA Reception of Trans World Radio India in English via CJSC Yerevan, December 13:
1430-1500 on 9965 English Mon-Fri (DX Mix-Bulgaria)

TWR India relay FEBA Radio Pakistan in Urdu via CJSC Yerevan, December 13:
1500-1530 on 9965 Urdu Daily (DX Mix-Bulgaria)

AUSTRALIA Reception of Reach Beyond Australia HCJB in Japanese via Kununurra, December 24:
1055-1100 on 11905 Reach Beyond Australia Interval Signal and ID in English
1100-1130 on 11905 Japanese Sat/Sun (DX Mix-Bulgaria)

15240, Words of Hope via Reach Beyond Kununurra Transmitter. Rec'd a full data E-QSL reply of the Bert Hinkler Museum located in Bundaberg Queensland, plus a cover letter from Margaret Penford listener's Correspondent in 2 days' time. Reply from radio@reachbeyond.org.au (Edward Kusalik-AB/DXplorer)

AUSTRIA Radio Pravda dlja Rossii and Radio DARC#406 via Moosbrunn on December 10:
1500-1600 on 9745 Russian Sat Radio Pravda dlja Rossii
1000-1100 on 6070 German Sun Radio DARC#406 (DX Mix-Bulgaria)

Reception of Oesterreichischer Rundfunk ORF-1 in German via Moosbrunn, December 13:
1100-1200 on 13730 German Mon-Sat (DX Mix-Bulgaria)

Radio Austria International schedule: 0600-0720 Mo-Fr 0600-0710 and SaSu on 6155; 1100-1200 on 13730; 1700-1725 on 5940. All broadcasts are in German (Allen Dean-UK) A brief news & weather summary in English is heard weekdays 1150-1152. (ed/British DX Club)

BANGLADESH Reception of External Service of Bangladesh Betar via Shavar, December 28-29:
1230-1300 on 4750 English
1315-1345 on 4750 Nepali (DX Mix-Bulgaria)

BELGIUM 5780/14960, Harmony Radio new frequency. The long time regular station 5780, 'Harmony', today commenced using the new frequency of 14960. Power is 800 W erp. Reception reports can be sent to: harmonyqrz@gmail.com. (Stig Hartvig Nielsen-Denmark/hcdx via TopNews Dec 27)

Dear listeners, dear friends of Harmony Radio, It is with a heavy heart that I must announce that we have decided to stop broadcasting our programmes at the end of 2022. Like many activities, Harmony Radio is also facing the financial crisis we are currently experiencing. Legally broadcasting a non-stop music programme as we have done since 2009 involves considerable annual costs. I have been paying these costs myself since day one. With the current inflation and the constant increase in the prices of the necessary services, we should be paying around 7000 Euros for the next year. The majority of these costs are for copyright and neighbouring rights, but also for computer servers, studio costs, etc. We have never wanted to advertise air, which probably explains the success of Harmony

Radio with its listeners. We have never asked for any contribution because, from our point of view, it is inconceivable to have to pay to listen to music. Accepting donations is not feasible either. They would immediately be taxed and pocketed to a large extent by the copyright companies, not to mention all the administration that would be involved. So here we are at the end of an extraordinary musical adventure. No doubt that with the number of stations broadcasting the net or terrestrial, you will find an alternative that will suit you. THANK YOU! Thank you, especially to you, dear listeners, for the incredible loyalty you have shown during all these years. Thanks also to my long-time friends Christophe, Pascal and Albert, the team that has made it possible to create and maintain Harmony Radio the Internet "airwaves" for so long. 2023 may be a little less musical, but don't let that stop you from having a good end of year and a good start to next year, wherever you are. That's what we wish you from the bottom of our hearts! Musically yours, William, President, Harmony Radio a.s.b.l., Avenue des Becasses, 14, 1410 Waterloo, Belgique, Europe. (TopNews)

BRAZIL Reception of ZYE365 Radio Nacional da Amazonia via Brasilia DF, December 16: from 0754 on 6180 Portuguese (DX Mix-Bulgaria)

4885, Radio Clube do Para, Belem, 0605-0640, 25-12, Brazilian songs, Portuguese, comments. 15321. (Manuel Mendez - Spain/Hard Core DX)

4985, Radio Brasil Central, Goiania, 2203-225, 24-12, Brazilian songs. 15421. (Manuel Mendez -Spain/Hard Core DX)

6180, Radio Nacional da Amazonia, F/D E-QSL in 3 days. E-mail address: ouvidoria@ebc.com.br. (Jaouad Saber via Facebook Group "QSL recientemente recibidas"/DX Fanzine)

15190, Radio Inconfidencia, F/D E-QSL in 38 days. V/S: Eng. Glenson Emilio Ferreira. E-mail address: gleisonferreira@inconfidencia.com.br.

(Jaouad Saber via Facebook Group "QSL recientemente recibidas"/DX Fanzine) 15190, Radio Inconfidencia, Belo Horizonte, 1645-1710, 24-12, Brazilian songs. 24322. Also heard 0850-0923, 25-12, Brazilian songs, ID at 0907: "Radio Inconfidencia". 25422. (Manuel Mendez -Spain/Hard Core DX)

BULGARIA Due to a power outage at SPL Sofia tx center, all transmissions of BRB Denge Welat, Brother Stair TOM, Bible Voice Broadcasting BVB and Radio Taiwan International, are out of service. This is a technical problem which occurred on December 7 which could last for the next 4-5 days. (DX Mix-Bulgaria) SPC-NURTS Spaceline Ltd. Sofia Kostinbrod Bulgaria relay site has got main power access again on Saturday Dec 17. (wwdxc BC-DX TopNews Dec 17)

CANADA Good signal of CFRX Toronto in English on 6070 via Toronto, December 27: from 0600 on 6070 TOR 001 kW English (DX Mix-Bulgaria)

CHINA (Tibet) Reception of PBS Xizang Holy Tibet in English via Lhasa, December 27: 0700-0800 on 9490 English (DX Mix-Bulgaria)

CLANDESTINE Manara Radio International in Hausa via WRMI#09 Okeechobee, December 23: 1900-1930 on 15770 unknown gospel huxter, instead of Radio Prague, 1930-2000 on 15770* Hausa * instead of 15770 English Mon-Fri VOA Flashpoint UKR as scheduled (DX Mix-Bulgaria)

Manara Radio International in Hausa via WRMI#09 Okeechobee, December 19: 1930-2000 on 15770 Hausa Daily (DX Mix-Bulgaria)

Schedule of Manara Radio International via WRMI#02/WRMI#09 Okeechobee: 0630-0700 on 7730 Hausa, instead of Music or Brother Stair in English 0630-0700 on 15770 Hausa, instead of Music or Brother Stair in English 1930-2000 on 7730 Hausa, instead of VOA Flashpoint Ukraine in English 1930-2000 on 15770 Hausa, instead of VOA Flashpoint Ukraine in English (DX Mix-Bulgaria)

Reception of Voice of Oromo Liberation in Afan Oromo via MBR Nauen, December 25: 1700-1730 on 9610 Afan Oromo Wed/Fri/Sun (DX Mix-Bulgaria)

NO SIGNAL of clandestine Dimtse Woyane Tigray via TDF Issoudun: 0400-0500 on 9750 Tigrinya effective December 1 1500-1600 on 15160 Tigrinya effective December 1 (DX Mix-Bulgaria)

New unknown clandestine transmission in Persian via TDF Issoudun: 1700-1730 on 15265 Persian Sun. Poor on Dec. 4 (DX Mix-Bulgaria)

Reception of Raadiyyoni Dirree Shaggar in Afan Oromo via TDF Issoudun on December 20: 1600-1630 on 15410* Afan Oromo Mon-Fri * co-channel 15410 ORG Arabic Holy Qur'an px TDA Telediffusion d'Algerie at same time (DX Mix-Bulgaria)

Good signal of Radio ERISAT via Talata Volonondry, December 5: 1800-1900 on 11690Tigrinya (DX Mix-Bulgaria)

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

New schedule of BRB Denge Welat in Kurdish via TDF Issoudun:
0330-1600 on 11540 Kurdish from December 13
1600-2200 on 7460 Kurdish from December 13. Transmissions of BRB Denge Welat via SPL Sofia are canceled, due to a power outage and technical problem. (DX Mix-Bulgaria)

Fair/good signal of NEXUS IRRS SW Arraata Biyyoolessa Oromiyaa in Afan Oromo via Galbeni, December 5:
1600-1629 on 15385 Afan Oromo Mon-Wed/Fri/Sat Oromia National Media (DX Mix-Bulgaria)

Radio Dap Loi Song Nui/Vietnam Democracy Radio via Paochung, December 18:
1230-1300 on 9670 Vietnamese Daily (DX Mix-Bulgaria)

Reception of National Unity Radio Free Chosun via Tamsui, December 23:
1100-1258 on 5900 Korean
2000-2058 on 5900 Korean (DX Mix-Bulgaria)

Voice of Martyrs Korea in English, probably via Tashkent on December 19:
1500-1530 on 11620 * English
*or probably 11620 KNX 100 kW English via Reach Beyond Australia Kununurra tx site? (DX Mix-Bulgaria)

Reception of Voice of Oromo Liberation in Afan Oromo via MBR Nauen, December 2:
1700-1730 on 9610 Afan Oromo Wed/Fri/Sun (DX Mix-Bulgaria)

Yamaria Alamakas Radio (Oromia Media) in Tigrinya via TDF Issoudun on December 15:
1600-1630 on 15185 Tigrinya (DX Mix-Bulgaria)

Reception of National Unity Radio Free Chosun via Tamsui, December 1:
1100-1258 on 5900 Korean (DX Mix-Bulgaria)

Reception of Radio NUG of Myanmar in Burmese via Paochung, December 11:
1400-1430 on 11940 Burmese (DX Mix-Bulgaria)

Reception of Mizzima Radio in Burmese via ENC-DMS Al-Dhabbayya on December 28:
1130-1300 on 17730 Burmese (DX Mix-Bulgaria)

6045, Voice of Freedom from Chuncheon-KOR. Voice of Freedom - on Dec 7, back on the alternate frequency of 6045 (ex: 5920); for the first time ever, heard with good reception due to the long-standing super jamming from North Korea being recently off the air, as it was today; ex 5920 still jammed. 0900 - the usual single tone. (Ron Howard-CA via wwdxc BC-DX TopNews Dec 8)

11530, Dec 21, Denge Welat at 1353-1500* is back on this frequency with Kurdish songs w/ two Yl singing mentioning also the word Denge several times, 1355 with another song. At 1430 YL IDing as Denge Kurdistan then with news mentioning several times abt parliament. Poor signal. (Liangas-Greece/Shortwave Bulletin)

15410, Radiyoni Dirree Shaggar (Issoudun) man in Somali (listed) speaking to 1652, into music, 1658 man with possible devotional, sounded like a prayer, heard "amen" twice, off at 1700. This broadcast is by Oromia Public Media. The Voice of the Oromo People. Very good, Dec. 17. (Harold Sellers-BC/DXplorer)

COLOMBIA 6017, 27.11.22, 0445-0459, Organización Radial El Prado, LA songs. From 0445 to 0456 strong QRM from Romania on 6020. @ 0456 Romania closed, and Radial El Prado was clearly heard but @ 0459 VoA

signed on on 6020 and blocked the Colombian station. 23422. (Manuel Méndez-Spain/DX Fanzine)

CONGO 6115, Radio Congo, Brazzaville, 0550-0602, 20-12, French, comments, news. 14321. Very unusual to hear it in the early morning lately. Also heard 1714-1739, 24-12, French, Vernacular, comments. 13421. Also heard 0545-0609, 25-12, French, comments, at 0600 news, "Le Congo". 15321. (Manuel Mendez -Spain/Hard Core DX)

CUBA Full B-22 schedule of R. Habana Cuba in Nov 2022 - 25 March 2023:

0000-0100 on 6000 QVC Spanish Mon-Thur "Mesa Redonda"
0000-0100 on 11950 BAU Spanish Mon-Thur "Mesa Redonda"
0000-0500 on 11670 BAU Spanish
0000-0600 on 15230 QVC Spanish ex11700
0000-0500 on 9650 BEJ Spanish ex 9710 in B-20
0100-0500 on 6060 BAU Spanish OFF AIR Nov 24
0000-0600 on 6000 QVC English
0000-0700 on 6165 BAU English ex 9700 kHz in B-20
0300-0500 on 11760 BAU Spanish
0500-0700 on 6060 BAU English Spanish in B-22
0500-0700 on 6100 BAU English
0700-0730 on 6100 BAU Esperanto Sun only
1200-1400 on 6000 QVC Spanish
1200-1400 on 6100 BAU Spanish ex 11950
1200-1500 on 9535 BEJ Spanish
1200-1600 on 9710 BEJ Spanish ex 9650 in B-20
1200-2000 on 11760 BAU Spanish
1400-1600 on 13700 BAU Spanish
1200-2000 on 13740 BEJ Spanish
1200-2000 on 15140 BAU Spanish
1300-1600 on 15230 QVC Spanish
1600-1630 on 11760 BAU EsperantoSun only
1600-1630 on 15140 BAU Esperanto Sun only, irregular
1900-1930 on 15140 BAU Arabic

1930-2000 on 15140 BAU Creole move from 15140 to 13680 observed mostly at 1944/19.50 in B-22

2000-2100 on 13680 BAU English
2100-2130 on 13680 BAU French
2130-2146 on 13680 BAU Esperanto Suns only
2000-0400 on 13740 BAU Spanish tx #5 sometimes irregular on air
2030-2100 on 13680 BAU French ex 15370 in A-22
2100-2130 on 13680 BAU Portuguese ex 15370 in A-22
2130-2200 on 13680 BAU Arabic ex 15370 in A-22
2200-2400 on 13680 BAU Spanish ex 15370 in A-22 in B-22: 2100-2300 - NOT ON AIR on Nov 23!
2100-2130 on 11880 BAU French
2130-2200 on 11880 BAU Portuguese
2200-2300 on 11880 BAU English B-22 probably Spanish
2130-2200 on 15730 BEJ Esperanto Sun only
2130-2200 on 15730 BEJ French Mon-Sat
2200-2230 on 15730 BEJ Creole
2230-2330 on 15730 BEJ Portuguese
2200-0000 on 9710 BEJ Spanish not 9650
2200-0300 on 11760 BAU Spanish
2200-0600 on 9535 BEJ Spanish OFF AIR!
2200-0600 on 11850 QVC Spanish irregular to 0600 & accompanied spurs nearby 10 kHz away on 11840 & 11860
2300-2330 on 15230 QVC Portuguese ex 11700
2330-2400 on 15230 QVC Portuguese ex 11700
2300-2400 on 15140 UNID // 9710, 11760, 11850, 13680, 13740, 15230
Transmitter sites: BAU Bauta; BEJ Bejucal; QVC Titan-Quivican San Felipe. (RHC B-21 file changed according to B-22 monitoring reports, by Ivo in Bulgaria and others, correction by wb via wwdxc Nov 24, 2022; Dave Kenny-UK Nov 24)

DENMARK Danish low power broadcaster "Radio OZ-Viola" on 6055 via transmitter in Hilleroed is taking a break from its

shortwave broadcast due to interference being caused to a neighbour. Will now try and find a technical solution to the problem. Winter B-22 schedule is as follows:
1200-1400 on 6055* HIL 002 kW
Dannish/English Sat/Sun *alternative 5980
Dannish/English Sat/Sun
2200-2300 on 5980 HIL 002 kW
Dannish/English in Wed.(DX Mix-Bulgaria)

As of today (Nov 29), World Music Radio (WMR) is now on the air as follows:
5930 (100W) from Bramming Saturday & Sundays 0900-1600 (times are approx)
15700 (10W) from Randers Saturday & Sundays 0900-1600 (irregular at other times)
25800 (60W) from Merslet, Aarhus Daily 0000-2400
A new 300W transmitter is due to be installed for 15700 soon. (Stig Hartvig Nielsen-Denmark/Hard Core DX)

5930 and 25800, World Music Radio, QSL card received by post in 42 days. Report in English sent to: P. O. Box 112, DK- 8960 Randers SØ with 5 Euro. (Christian Ghibaud-France/DX Fanzine)

ECUADOR 6050, HCJB, Pichincha, *0925-0935, 25,12, open with music, anthem, Quechua, comments. 15321. (Manuel Mendez -Spain/Hard Core DX)

EGYPT Winter B-22 frequency changes of Radio Cairo, all in 31mb:
1500-1600 on 9440.0 ABS Albanian as B-21
1700-1900 NF 9390.0 ABS Turkish, ex 9940
1800-1900 NF 9902.6vABS Italian, ex 9900
1900-2000 NF 9410.0 ABS Russian, ex 9510
1900-2000 NF 9832.6vABS German, ex 9810
2000-2115 NF 9902.6vABS French, ex 9885
2115-2245 NF 9440.0 ABS English, ex 9900
2215-2330 NF 9887.6vABS Portug., ex 9545
2330-0045 NF 9902.6vABS Arabic, ex 9730
0045-0200 on 9902.6vABS Spanish, ex 9900.
Some days no broadcast via Abis. All frequencies have big technical problems such

as extreme distortion/low modulation/undermodulation. (TopNews)

ENGLAND Radio Akhbar Mufriha in Tachelhit & Arabic via ENC-DMS Woofferton, December 4:
2100-2115 on 7300 Tachelhit HCJB
2115-2145 on 7300 Arabic Sun HCJB

[11710, Encompass Digital Media BCB via Woofferton. Rec'd a nice E-QSL Reply with enclosed letter in 3 days' time from sPalmer@encompass.tv. \(Edward Kusalik-AB/DXplorer\)](#)

ESWATINI 9500, Trans World Radio (Manzini) at 1804 in English, American preacher Dr. Tony Evans, 1830 contact info for his ministry, 1831 TWR info. Very good, Dec. 17. (Harold Sellers-BC/DXplorer)

9940, TWR-Africa, Manzini, eQSL received in 27 days for report sent to: lorrainestav@gmail.com. VS: Lorraine Stavropoulos. (Harald Suess-Austria/Worldwide DX Club)

ETHIOPIA 7110, Radio Ethiopia, Geja Dera, 1735-1758, 24-12, East African songs, Vernacular, comments. 34433. (Manuel Mendez -Spain/Hard Core DX)

FRANCE Reception of JRC Radio Dabanga in Darfur Arabic via TDF Issoudn, December 13: from 1559 on 15550 Darfur Arabic (DX Mix-Bulgaria)

GERMANY Reception of Evangelische Missions Gemeinden EMG via MBR Nauen, December 18:
1130-1200 on 6055 German Sat/Sun (DX Mix-Bulgaria)

Reception of Bible Voice Broadcasting BVB in English via MBR Nauen, December 24:
1400-1500 on 11900 English 1st Sat (DX Mix-Bulgaria)

Reception of HCJB Voice of The Andes in Russian & Chechen via MBR Nauen, December 24:

1530-1630 on 9500 Russian/Chechen Sat (DX Mix-Bulgaria)

9670, Channel 292 (Rohrbach) at 1527 in English, Procol Harum song "Whiter Shade of Pale", male DJ, talking about Radio London. Good, Dec. 17. (Harold Sellers-BC/DXplorer)

GUAM Reception of KTWR Trans World Radio Asia in English DRM mode via Agana, December 25:

1059-1128 on 12040 English Sat DRM (DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in Thai via Agana, December 25:

1100-1115 on 11965 Thai Sat (DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in English via Agana, December 11:

1101-1116 on 11965 English Sun (DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in Hui via Agana, December 25:

from 1116 on 12160 Hui (DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in Chinese/English via Agana, December 25:

1128-1143 on 9910 Chinese/English Sun (DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in Chinese via Agana, December 8:

1159-1214 on 9910 Chinese (DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in Vietnamese via Agana, December 3:

1230-1315 on 11550 Vietnamese Sat (DX Mix-Bulgaria)

Reception of Trans World Radio India in English & Hindi via Agana, December 21:

1245-1300 on 13740 English Mon-Fri

1301-1309 on 13740 Hindi Mon-Fri (DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in Vietnamese via Agana, December 25:

1245-1300 on 11550 Vietnamese Sun (DX Mix-Bulgaria)

Reception of Trans World Radio India in Desiya via KTWR Agana, December 14:

1300-1315 on 13740 Desiya Sat (DX Mix-Bulgaria).

Reception of Trans World Radio India in Oriya via KTWR Agana, December 21:

1400-1415 on 13740 Oriya Sat (DX Mix-Bulgaria)

[9975, Friendship Radio Japanese Broadcast via KTWR Rec'ed a E-mail QSL reply from KTWR within 10 days for a report posted too: asiafeedback@twr.org. \(Edward Kusalik-AB/DXplorer\)](#)

INDIA Several DXers have reported receiving QSL cards by post very recently from All India Radio. If you need AIR QSL please send your reports to: spectrum-manager@prasarbharati.gov.in. (Jose Jacob-India/DX India) My reception report for the last one year has remained unanswered. Are they only catering to foreign listeners as seen from your post? (Jayanta Chakrabarty-India/DX India) Please send a new report. They are issuing QSLs for reports from India. (Jose Jacob-India/DX India)

All India Radio External Service in Swahili via Bengaluru, December 14:

1215-1315 on 15030 Swahili (DX Mix-Bulgaria)

All India Radio External Service in Pashto via Bengaluru, December 14:

1230-1400 on 11560 Pashto (DX Mix-Bulgaria)

All India Radio External Service in Dari via Bengaluru, December 14:
1330-1500 on 9950 Dari (DX Mix-Bulgaria)

All India Radio External Service in Dari via New Delhi, December 17
Add 9950 with Dari at 0430-0600 Via 100 kW (Jose Jacob-India, VU2JOS/DX India)

11560, received a QSL card for receiving "All India Radio" via Bengaluru 500 kW beast) in Pashto language. Report sent to: spectrum-manager@air.org.in. (Ivan Zeleny-Russia, RUSdx #1215 via wwdxc BC-DX TopNews Dec 11)

INDONESIA Reception of Voice of Indonesia in English via Palangkaraya, December 27:
1300-1400 on 3325 PGA 010 kW English (DX Mix-Bulgaria)

3325, Voice of Indonesia via Palangka Raya, F/D QSL card in 949 days (2nd reply) for e-report to the following e-mail address: voi.deutsch@gmail.com. (Juergen Waga-Germany/DX Fanzine)

7289.96, Dec 25, 0801, (thanks for the more accurate frequency!), RRI Nabire, from 0801 till suddenly cut off at 0908*; as usual, playing mostly EZL songs, but again, as on Dec 23, at 0821, announcer wished Merry Christmas, along with an instrumental version of "Merry Christmas"; otherwise no Xmas songs; Islamic segment started at 0903 till off (brief audio of RRI going off the air is attached); a wide discrepancy with their daily Islamic prayer times, as on Dec 23, they had 0846-0856, Islamic segment. (Ron Howard-CA/Shortwave Bulletin)

JAPAN All transmissions of NHK World Radio Japan in Russian are daily from November 6: 0330-0350 17560 YAM Russian, ex Mon-Fri and in English Sa/Su
0430-0450 6165 NAU Russian, ex Mo-Fr and in English Sa/Su

0530-0550 11790 YAM Russian, ex Mo-Fr and in English Sa/Su

1030-1050 7430 YAM Russian, ex Mo-Fr and in English on Sa/Su (Ivo Ivanov-Bulgaria, direct and hcdx via wwdxc BC-DX Topnews Dec 1)

6055, Radio Nikkei 1, Chiba-Nagara, 0802-0823, 25-12, Japanese, talks. Very weak. 15311. (Manuel Mendez -Spain/Hard Core DX)

6115, Radio Nikkei 2, Chiba-Nagara, 0731-0800*, 25-12, Japanese, comments, male, female. 15321. (Manuel Mendez -Spain/Hard Core DX)

7525, Asian Broadcasting Institute via Yamata Special broadcast logged and submitted report to: info@abiweb.jp and f/d QSL card after 14 months. (Babul Gupta-India/,Asian DX Review)

KOREA (South) Reception of KBS World Radio in English via Kimjae, December 28:
1300-1400 on 15575 English (DX Mix-Bulgaria)

6045, Voice of Freedom, *0753; intro music, gong rung three times; Voice of Freedom ID; Rep of Korea choral National Anthem; VOF FM frequency announcement; VOF singing station jingle; 0500 PM KST announcement; time pips; 0800 , program "Hamkke tteonaneun eum-ag-yeohaeng" (Let's Go Music Together); North Korea jamming started shortly after sign-on. (Ron Howard-CA via wwdxc BC-DX TopNews Dec 9)

MADAGASCAR Reception of JRC Radio Tamazuj in English via Talata Volonondry, December 13:
from 1547 on 15150 English Tue/Fri (DX Mix-Bulgaria)

MALAYSIA 11665, Radio Televisyen Malaysia (RTM), F/D E-QSL in 1 day. The station was heard relaying its "Wai FM" service via

Kajang. E-mail address:
pnk_rtmkajang@rtm.gov.my. This is the QSL
no. 100 issued in year 2022. (Marcelo
Cornachioni-Argentina, via Facebook Group
"QSL recientemente recibidas"/DX Fanzine)

MALI 5995, Dec 7, 0556, Radio Mali, Bamako,
African songs, at 0602 program "Au Chant du
Coq", "Au Chant du Coq du Radio Mai",
French, comments, African songs, news.
(Méndez-Spain/Shortwave Bulletin)

9635, Radio Mali, Bamako, 1714-1759*, Dec
3, African songs, Vernacular, comments, at
1759 interval signal and close on this freq.
35433. *0801-0836, Dec 4, open with
interval signal, IID "Vous écoutez L'Office de
Radidifusion Television de Mali emettant du
Bamako...". 35433. (Manuel Mendez, Lugo-
Spain, hcdx Dec 4/TopNews)

MEXICO 6185, Radio Educacion, Ciudad de
Mexico, 0740-0747, 24-12, classical music.
15321. Also heard 0602-0855, 25-12,
classical music, Spanish, comments, ID
"...por Radio Educacion", songs in Spanish.
14421. (Manuel Mendez -Spain/Hard Core
DX)

MONGOLIA Summer A-22 shortwave
schedule for Voice of Mongolia:
0900-0930 on 12084.9 English
0930-1000 on 12084.9 Mongolian
1000-1030 on 12084.9 Chinese
1030-1100 on 12084.9 Japanese
1300-1330 on 12014.9 Japanese
1330-1400 on 12014.9 Mongolian
1400-1430 on 12014.9 Chinese
1430-1500 on 12014.9 English (DX Mix-
Bulgaria)

MYANMAR Reception of Myanmar Radio in
English via Yangon, December 15:
from 1530 on 5985 YAN 025 kW English (DX
Mix-Bulgaria)

NETHERLANDS New schedule of Mike Radio
MIK via Heerde as December 25:

0000-1600 NF 5870 HEE 001 kW Dutch Sun,
ex 5880
1600-2400 NF 5840*HEE 001 kW Dutch Sun,
ex 3940
*alternative 3940 HEE 001 kW Dutch Sun but
is irreg (DX Mix-Bulgaria)

New schedule of Radio Delta International
RDI via Elburg. For coming months it is
irregular but RDI will be back on air for every
weekend:

0700-1700 on 6020 ELB 001 kW
Dutch/English Sun B22 HFCC
0700-1700 on 11730 ELB 001 kW
Dutch/English Sun B22 HFCC
1700-0700 on 6005*ELB 001 kW
Dutch/English Fr/Sa B22 HFCC
*alternative 9760 ELB 001 kW
Dutch/English Fr/Sa B22 HFCC (DX Mix-
Bulgaria)

5955, Sunlite Radio, Westdorpe, 0547-0610,
Dec 4, pop songs in English, id at 0600
"Sunlite ...", Dutch, brief news, ID and more
pop songs. 35433. (Manuel Mendez-Spain,
hcdx Dec 4/TopNews)

6140, Radio Onda via Borculo, QSL, 34 days.
Report sent to this form:
<https://ondaasbl.wixsite.com/english/contact>. (Myadel Alexander-Belarus/DX Fanzine)
6140 , NL Radio Onda, Belgium, Borculo Off
air Dec. and Jan. due to change of tx site.
(Siegbert Gerhard-Germany, wwdxc BC-DX
TopNews Dec 3)

NEW ZEALAND B-22 little time change of
Radio New Zealand Pacific from December 10:
2059-0558 on 15720 English Daily, ex 2059-
0658
0559-0858 on 13755 English Daily, ex 0659-
0858 (DX Mix-Bulgaria)

NIGERIA 7249.9, Voice of Nigeria, Abuja
Lugbe, *0558-0612, 20-12, interval signal,
Vernacular, comments. Strong carrier, very
weak audio. At 0611 signal cut off abruptly,

at 0613 again on air, at 0610 cut off abruptly again. 15321. (Méndez-Spain/Hard Core DX)

NORWAY Norway on SW back on air. I am happy to say our Shortwave transmitter on 5895 in the 49 meter band has returned to normal programming from 1215 thanks to our man at the site! This station was off due to the lack of the program stream. On this frequency we broadcast a mix of our stations Radio Northern Star and the Sea as well as Gospel programming. If you hear us we'll be happy to verify your reception report. Email: 1000@northernstar.no. (Northern Star Media Services F_B group via Mike Terry-UK, BrDXC/TopNews)

PALAU Reception of Hope Radio via T8WH Angel 5 Medorn & via T8WH Angel 3 Medorn, December 20:
till 0850 on 9965 English MFC Ministries Worldwide
from 0852 on 9930 Mx test transmission (DX Mix-Bulgaria)

PERU Fair/good signal of Radio Tarma in Spanish via Tarma, December 27:
from 0958 on 4775 TAR 001 kW Spanish (DX Mix-Bulgaria)

Good signal of Radio Quillabamba in Spanish via Cusco, December 27:
from 1000 on 5025 CUS 0.5 kW Spanish (DX Mix-Bulgaria)

4775, Radio Tarma, Tarma, 2325-0025, 24-12, Spanish, advertisements, Peruvian songs, ID "Radio Tarma. 25432. (Méndez-Spain/Hard Core DX)

PHILIPPINES Winter B-22 of Radio Pilipinas Philippines Broadcasting Service:
0200-0330 on 9475 English
0200-0330 on 15640 English
0200-0330 on 17820 English
1730-1930 on 9925 Tagalog
1730-1930 on 12120 Tagalog

1730-1930 on 15190 Tagalog (DX Mix-Bulgaria)

FEBC Radio Teos via Bcaue, December 25:
from 1500 on 9920 Russian Daily
from 1530 on 9920 Ukrainian Sun
from 1545 on 9920 Russian Sun. Again wrong time & frequency announcement: 19-20MST on 11650, instead 18-19MST on 9920 (DX Mix-Bulgaria)

Vatican Radio Mass in Chinese via USAGM Tinang, December 24:
1230-1310 on 7485 Chinese Mass Sat
1230-1310 on 9720 Chinese Mass Sat (DX Mix-Bulgaria)

Vatican Radio in Russian via USAGM Tinang, December 25:
1230-1250 on 9810 Russian (DX Mix-Bulgaria)

9875, F.E.B.C. (Bocaue) at 2309 playing hymn "Stand Up, Stand Up, for Jesus", woman in language (Iu Mien listed). Poor, Dec. 6. (Harold Sellers-BC/DXplorer)

12120, Radyo Pilipinas, QSL card received by post in 175 days. Report in English sent to: dzrp-radyopilipinas@gmail.com. (Christian Ghibaudo-France/DX Fanzine) 12120, Radyo Pilipinas (Tinang) at 1801 in Filipino, giving phone number, mention of "Ferdinand Marcos", telephone report or interview. Good, Dec. 17. (Harold Sellers-BC/DXplorer)

RUSSIA Reference signals of frequency and time. The frequency and time reference signals are intended for the transmission of time and frequency signals synchronized from the state initial standard to the exemplary and working measuring instruments in order to ensure the uniformity of measurement in the country. Frequency reference signals in amateur radio practice are usually used when setting up various amateur radio equipment and designs. For example, the widest reference

frequencies are in demand when tuning receivers, oscillators, and transceivers. To transmit reference signals, the State Time and Frequency Service uses an extensive network of transmitters of the reference time signal "Moscow" - RWM. Organization: Interdepartmental Commission on Time and Reference Frequencies. The main metrological center of the state service of time and frequency of the Russian Federation: FSUE "VNIIFTRI" (Roman Lipovsky-Russia) The main metrological center of the State Time and Frequency Service of the Russian Federation. <https://www.vniiftri.ru/> (RUS-DX #1215)

SOLOMON ISLANDS 5020, Dec 5, 0933, SIBC - Voice of the Nation. A good day here; again with no Cuban QRM from 5025; "Happy New Year" adv. for mobile service; 1001-1014, calliope music intro to the news/sports in Pijin; 1046-1058, sports segment in Pijin with many sound bites of some of the goals made at the World Cup; 1100, ID with frequencies, followed by the same news/sports, but in English; nicely semi-readable. (Ron Howard-CA/Shortwave Bulletin)

SRI LANKA 9765, Adventist World Radio (SLBC Trincomalee relay site) at 1551 in Oriya language, man preaching to 1555 with "amen", another male speaker with announcements and cut off suddenly before 1556. Good, Dec. 17. (Harold Sellers-BC via wwdxc BC-DX Topnews Dec 17)

11750, presumed Radio Sri Lanka, City FM (Trincomalee) at 1627 started to hear singing, Sinhalese presumed as listed, definitely music matching India & Sri Lanka, woman announcer. Poor, Dec. 17. (Harold Sellers-BC/DXplorer)

11755, Adventist World Radio (Trincomalee) at 1616 in Urdu language, man preaching, off suddenly at 1625. Very good, Dec. 17. (Harold Sellers-BC/DXplorer)

SOUTH SUDAN New Messianic SW station planned. From my report on WBCQ Allan And Angela Weiner WorldWide on 19 November: William Levi who is from South Sudan, discussed his plans for a new SW missionary station. Its US HQ is in western Massachusetts. They had an FM station 2003-2008 in the war zone; not clear if still on now, but want to go on SW for better coverage, from family property, with a 300 ft tower for a non-directional monopole antenna, 2000 km range, 10 kW transmitter powered by 40 solar panels, as there is no grid power; or maybe wind turbines. Frequency to be 11950, "Nehemiah Trumpet Call shortwave station". A Christian firm in South Korea is providing transmitter and antenna. They want donations to: Operation Nehemiah Missions, at a P. O. Box in Lanesborough MA 01237. See www.operations.nehemiah.org. You'd never know it from the interview, but they are Messianic Jews, preferred deity monicker Yeshua. Levi was higher educated in the USA but speaks with a presumably Sudanese accent. (British DX Club)

TAIWAN Reception of Radio France International in Vietnamese via Paochung, December 11:
1300-1358 on 9650 Vietnamese Sun (DX Mix-Bulgaria)

THAILAND Winter B-22 shortwave schedule of HSK9 Radio Thailand World Service:
0000-0030 on 13750 English
0030-0100 on 13750 Thai
0500-0530 on 17640 English
1000-1030 on 17630 Thai
1200-1230 on 9940 English
1230-1245 on 9940 Vietnamese
1245-1300 on 9940 Mandarin
1300-1315 on 9940 Japanese
1315-1330 on 9940 Malaysian
1330-1415 on 9940 Thai
1800-1830 on 7475 Thai
1830-1930 on 7475 English

1930-1945 on 7475 Thai (DX Mix-Bulgaria)

HSK9 Radio Thailand World Service in English via Udorn Thani, December 28:
1200-1230 on 9940 English (DX Mix-Bulgaria)

TURKEY Reception of TRT Voice of Turkiye in Italian via Emirler, December 27:
0930-0955 on 11970 Italian (DX Mix-Bulgaria)

Reception of TRT Voice of Turkiye in French via Emirler, December 27:
1100-1155 on 17715 French (DX Mix-Bulgaria)

USA Important Announcement from The Mighty KBC. The Mighty KBC is leaving Nauen, Germany at the end of 2022. From January 1, The Mighty KBC begins using the facilities of WRMI Radio Miami International Okeechobee tx#08, Florida (DX Mix-Bulgaria)

Message from owner of WBCQ Allan Weiner on Twitter: Working on the great antenna at WBCQ's world Superstation Testing and tuning to ensure full usage 5-22 MHz. At long last we might see the Flat Earthers on the other SW bands soon, and that rotatable antenna will be put to full use. Right now, they have to change target areas and languages on 9330, according to propagation conditions at different times of the year. (Alan Holder G4ZBH Isle of Wight, U.K.) No signal of World's Last Chance Radio from December 12, my last video is from December 10 in Portuguese to Europe. (DX Mix-Bulgaria)

Reception of Voice of Indonesia in English via WRMI-13 Okeechobee, December 20:
0800-0900 on 7780 English tx#13 (DX Mix-Bulgaria)

New schedule of WLC Radio WBCQ Monticello from December 10:
0500-0957 on 9330v English, ex 1000-1357

1000-1357 on 9330v English, ex 1700-2355
1400-1655 on 9330v English remain unchanged
1700-1757 on 9330v German, ex 0100-0157
1800-1857 on 9330v French, ex 0400-0455
1900-2057 on 9330v English, ex 0000-0057
2100-2157 on 9330v Spanish, ex 0200-0257
2200-2257 on 9330v Portug., ex 0300-0357
2300-0257 on 9330v Portug., ex 0700-0957
0300-0455 on 9330v Spanish, ex 0500-0657 (DX Mix-Bulgaria)

Good signal of WMLK Radio Assemblies of Yahweh via Bethel, December 27:
1700-2200 on 9275 English Mon-Fri (DX Mix-Bulgaria)

WTWW goes off SW. Ted Randall announced on his "Greatest Hits of all Time" show on WTWW 5085 on 10 November that it was their last broadcast on this frequency due to financial issues; unless they could raise \$15,000 a month to pay for the power bill. Broadcasts would continue on the internet but SW will be off until further notice. (WTWW Fan Listeners Club FB page 10 Nov/British DX Club) Glenn Hauser adds: "Actually the real problem is that for some reason, Ted Randall has been failing to carry the Scriptures for America broadcasts. They, after all, own the station. So, on Nov 9th or into 10th, a representative from Scriptures for America in Colorado came in and closed down the station, and ousted Ted Randall..." (British DX Club) WTWW: another update from George McClintock on Nov 21: Leap of Faith registration with state of TN had expired, but he has now renewed it. No longer seems to be a fraudulent attempt at that by third party, but George's renewal due notice in the mail may have been intercepted. It has also been claimed that all the modulation cards are on the site, but not so. I have no more interest in listening to Ted's hard-sell commercials, rock and ham shows on WRMI than on WTWW, (Jeff White-FL WRMI/TopNews)

5085, WTWW card (not filled) received with station sticker by post for email reception report after 5 months. Email: email@wtww.us. (Pradip Chandra Kundu-Asian DX Review)

UZBEKISTAN Bible Voice Broadcasting in Bahasa Malay via MBR Tashkent, December 4: 1230-1245 on 15210.6v 1st & 3rd Sun (DX Mix-Bulgaria)

Bible Voice Broadcasting BVB in English via MBR Tashkent, December 24: 1200-1230 on 11800 English Sat (DX Mix-Bulgaria)

5895, IBRA Radio (Tashkent) before 1500 chimes to a portion of the hymn "What a Friend we have in Jesus", 1500 singing in Bangla (listed language), 1501 man and woman in Bangla, more singing. Fair, Dec. 17. (Harold Sellers-BC/DXplorer)

VANUATU VTBC Radio Vanuatu in English/Bislama on wrong freq via Port Vila, December 8: 0658 & 0901 on 7260 PVL 2.5 kW English/Bislama, instead of 3945 (DX Mix-Bulgaria)

VTBC Radio Vanuatu in English/Bislama on wrong freq via Port Vila, December 27: 0800 & 0930 on 7260 PVL 2.5 kW English/Bislama, instead of 3945. Nno signals on 2nd/3rd hx 7890/11835. (DX Mix-Bulgaria)

5040, Dec 5, -0659*, Radio Vanuatu. Tuned into the usual segment of announcements/messages, but today was in French and ending at 0634 with the normally heard indigenous drums; 0635-0647, in Bislama, with a call-in program; 0657, the start of the usual PSA/promo/advertisements (World Cup Qatar 20-22, etc.); suddenly went off the air. (Ron Howard-CA/Shortwave Bulletin)

7260, Dec 8, 0710, Radio Vanuatu, almost non-stop listening 0710-1020. A very good day here, with enjoyable listening due to reception being well above the norm; tuned into news/sports in Bislama, with sound bite of an Aussie talking about providing Vanuatu with air medical evacuation services; heard several of the often heard PSAs for mental health; 0731, "Special segment" regarding the Dept. of Labor, in Bislama; 0801, program in Bislama about "agriculture and empowering of women"; 0821, PSA in Bislama for "tropical cyclone preparedness"; 0902, long segment in Bislama about a "Music festival"; was fairly readable the whole time and of course played a lot of nice island songs; today the Chinese het/QRM was not noted. (Ron Howard-CA/Shortwave Bulletin)

7890, Dec 5, *0659-, Radio Vanuatu, 7890 (2rd harmonic); suddenly on; 0700-0713, news in Bislama; poor-very poor; other frequencies (3945 & 11835), both totally unusable. (Ron Howard-CA/Shortwave Bulletin)

VATICAN Vatican Radio has gone back to original interval signal but the one they had been using was the same tune. (David Ansell-UK/British DX Club)

ZAMBIA 4965, Voice of Hope Africa, Lusaka, 1901-1916, 24-12, English, religious songs and comments. 14321. (Méndez-Spain/Hard Core DX)

Schedules, news and other information about shortwave broadcasting activity can be send to Richard A D'Angelo, 2216 Burkey Drive, Wyomissing, PA 19610 or via e-mail to rdangelo3@aol.com (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

Happy New Year everyone and welcome to another edition of the Pirate Radio Report. I hope you enjoyed the holiday season and found time to get behind the dials and do little pirate radio listening.

December always brings out a wide selection of Christmas-themed music by our pirate friends. Some traditional, some not so traditional, but always entertaining! Santa Claus Radio was reported broadcasting traditional Christmas music and Sycko Radio was logged playing a more "cutting edge" blend of music. Cloudsplitter Radio, a relatively new station, was heard playing old favorites from Percy Faith and his Orchestra. UNID Tones station has been busy broadcasting some very unusual audio as well as waterfall images and the Hawaiian Numbers station continues to showcase what else but random number spoken in Hawaiian. UNID Santa Ho, Ho, Ho'd himself for many hours. I was fortunate to have successfully downloaded six of the SSTV images Santa sent along. Fruitcake Radio was also active with a few songs about what else but Fruitcake! Looking forward to New Year's weekend and hoping many pirates will take to the airwaves!

Andrew Yoder's new show Hobby Broadcasting Radio, has now broadcast two segments with the December, 2022 show featuring interviews with CIDX Free Radio Scene columnist Chris Lobdell and James Brownyard of WHYP fame. The show was once again rebroadcast by Mix Radio International on 12-16-22. Hobby Broadcasting Radio can be heard on the third

Thursday of each month at 0400 UTC on WBCQ 5160 kHz.

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

Any free-radio related logs, QSLs or stories you'd like to share with others are always welcome!



1730-AM, PIRATE-NA. UNDERCOVER RADIO. 0048 - 0112, 12-12-22, Music selections from The Who, System of a Down and others. ID by email rcvd from op. Very noisy reception. S7. (Penney-MA)

3225-USB, PIRATE-NA. WILD100. 0143, 12-04-22, extended program of pop /rock including "Is blood" - Youth Sector, "Born Yesterday" - Gladie and many others. Started out poor / fair and improved to good by 0245. (Taylor-WI)

3225-USB, PIRATE-NA. RADIO 48 via SYCKO RADIO. 0253, 12-18-22, Program of a typical Christmas themed music (some not

particularly favorable to Christmas), sound bites, unusual dialogue and general audio mayhem. Most audio just at static floor so inaudible or hard to follow, although songs were quite audible. IDs heard from time to time. (Taylor-WI)

4015-USB, PIRATE-NA, WOLVERINE RADIO. 0130, 12-11-22, Ice, winter theme including "Cold Blue Steel and Sweet Fire" - Joni Mitchell, SSTV (Man standing in part of an ice formation or sculpture with "Wolverine Radio"). (Taylor-WI)

4030-USB, PIRATE-NA. CHANNEL 94. 0419, 12-03-22, Almost immediately after Ballsmacker's carrier dropped, atmospheric music started just above static floor. 0510 ID, off. Poor to fair at times. (Taylor-WI)

4030-AM, PIRATE-NA. BALLSMACKER RADIO.0340, 12-23-22, reported as Ballsmacker on HFU, playing Christmas pop song at 0340 tune in. Then at 0343 "Bloody Red Baron". (Perry-IL)

4060-USB, PIRATE-NA. WTF RADIO WW. 0100, 12-19-22, Atmospheric instrumental music, ID into a program of quite varied music. Poor to fair at times improving to fair. (Taylor-WI)

4185-USB, PIRATE-NA. RADIO FREE WHATEVER. 2308, 12-03-22, Continuing program from fading out 6950 USB. Indy music, talk by DJ Dickweed, produced IDs between songs. Fair to good. (Taylor-WI)

4185-USB, PIRATE-NA. SANTA CLAUS RADIO.0030, 12-17-22, Program of less known big band Christmas themed music including; "Christmas Rose" by Frankie Lane and "Don't wait for the night before Christmas" by Sammy Kaye. IDs and "HoHoHo" between songs. Good signal. (Taylor-WI)

4185-USB, PIRATE-NA. X-FM SHORTWAVE. 0132, 12-18-22, Program of well chosen, less known, music including "Dani California" - Red Hot Chili Peppers, and 2 versions of "Some Velvet Morning" first by Nancy Sinatra & Lee Hazlewood , then Primal Scream & Kate Moss, Redhat had frequent IDs and talk breaks. Good, although periodically noisy, signal. (Taylor-WI)

6875-USB, PIRATE-NA. YEAH MAN RADIO. 0103, 12-17-22, Surf music, ID, "Black Magic Woman" - Santana, ID and DJ chatter including a shout out to me. Into a program of oldies, Poor-fair. (Taylor-WI)

6923.7-AM, PIRATE-NA. FRUITCAKE RADIO. 2158, 12-25-22, Male announcer just above the noise. Songs from various artists about fruitcake. Poor Signal (Majewski- CT)

6925-USB, PIRATE-NA. UNID. 2246, 12-03-22, Relay of the Official SWL Channel on YouTube, OM talking about program ideas talk about ham radio, mentions current pirate activity (RFW and Sycko) and that this show was being simulcast by a pirate. Fair. (Taylor-WI)

6925-USB, PIRATE-NA. WDOG. 2215, 12-07-22, Played songs of the psychedelic era from my teenage years like Jimmy Hendrix, Cream, Who and others. Good Signal. (Majewski-CT)

6925 AM, PIRATE-NA. TRUTH RADIO INTL. 2302, 12-07-22, Relay of WART. A very nice show of Batman themed songs. Many that I have not heard before. Good Signal. (Majewski-CT)

6925-USB, PIRATE-NA. WHITE CROW/BLACK SWAN RADIO. 2302, 12-08-22, A mix of female vocals and electronic instrumental songs. Terry (female computer voice) was the DJ for the show. Fair/Good Signal. (Majewski-CT)

6925-USB, PIRATE-NA. YEAH MAN RADIO. 2145, 12-19-22, Relay of a classic show from Radio Garbanzo. Radio Garbanzo with a holiday show. IDs were given on regular basis. Mentioned about kick Bart's butt. Gave out an address for getting a QSL. Had some good parody ads. Nice show overall. Good signal (Majewski-CT)

6925-AM, PIRATE-NA. TRUTH RADIO INTL. 2234, 12-20-22, fair. Bob Rivers and Comedy Corp w/"The 12 Pains of Christmas." Bongo Cat here w/ two in a row: "Jingle Bells / Silent Night," Bob Rivers back : "Carol of the Bartenders," ID & E-mail, at close we have Chuck Mangione w/"It feels so Good," (Montney-MI) 2235, 12-20-22, generally poor, occasionally signal came to fair. (Taylor-WI)

6925-AM, PIRATE-NA. ALL VINYL RADIO. 2311 -2320, 12-25-22, Music selections from Spanky & Our Gang, The Orlons, George Baker Selection. ID from HFU poster. Lousy reception conditions. (Penney-MA)

6925-USB, PIRATE-NA. UNID. 0157, 12-25-22, S7/S9 of Santa Clausish ``ho3, Merry Christmas`` in a loop mixed with a wide variety of SFX, baaas, bleats, other animal and bird noises, farts? or fake farts, over & over & over. 0202 also some uteblaapps add to cacophony. Even worse at 0208 but off at 0230 check. The only pirate activity heard on Xmas eve -- unID by me, but reported by no one on HFU! (Hauser-OK)

6930-USB, PIRATER-NA. OUTHOUSE RADIO. 0039, 12-19-22. Tuned in to "Are you enjoying yourself? Outhouse Radio." Into a program of punk music with Outhouse talking about the music between selections. Good to very good. (Taylor-WI). 0018, 12-19-22, good. (Montney-MI)

6933-USB, PIRATE-NA. GOAT HERDER RADIO. 2212, 12-10-22, Techno music with pauses

between songs. 2228 abrupt fade out. Back on @2244 with Techno. Eventually an Easypal sent of a goat face. Poor to fair. (Taylor-WI)

6935-USB, PIRATE-NA. RADIO FREE WHATEVER. 2237, 12-03-22, good. DJ Dickweed ID's himself and program, mx: Pile of Love "Over+ Out", Yoza w/"Pretty Lies, comments by DJ moving to 4185 USB. 2305 logged both channels/6935-S7 and 4.185 - S10. Did catch Honey Revenge w/"Extracted", (Montney-MI)

6935-AM, PIRATE-NA. B-SIDE RADIO. 0232, 12-07-22, JBA carrier so I pay more attn to 6960, and it's gone shortly at next check, was B-side radio. (Hauser-OK)

6935-USB, PIRATE-NA. WFDR. 2300, 12-08-22, News reports about congress declaring war on Japan on 12/8/41. Start of well-known announcement of declaration of war, off mid-sentence, ID and off. Fair. (Taylor-WI)

6935-USB, PIRATE-NA. OUTHOUSE RADIO. 2257, 12-11-22, good. The Rolling Stones have one on-going w/ "When the Whip Comes Down," CCR next w/ "Green River," OM w/ ID, (Montney-MI) 2252, 12-11-22, Dance music with a dose of Ozzy, Black Sabbath. Fair/Good Signal (Majewski-CT)

6935-USB, PIRATE-NA. B-SIDE RADIO. 0130, 12-24-22, Male DJ playing rock. Played tune "Go To Hell" by Alice Cooper and read out the lyrics and then gave ID. Signal got worse and then recovered at around 0149 when he played Three Dog Night. Very strong signal. SINPO 44334. (Pavick-BC)

6949.6-AM, PIRATE-NA. CAPTAIN MORGAN SHORTWAVE. 0114, 12-26-22, Number of blues and pop related versions of Christmas songs including "Run Rudolph Run" by Chuck Berry, "Last Christmas" by Rubber

Band, and "Happy Christmas Baby" by Cheryl Crow and Eric Clapton. Started out poorly then improved to fair. (Taylor-WI)

6949.6-AM, PIRATE-NA. WBOG. 2218 - 2239, 12-28-22, rebroadcast of a classic Radio Morania show. Good signal. S7. (Penney-MA)

6950-USB, PIRATE-NA. TWO DOG RADIO. 0027, 12-04-22, Initially barely audible with rock music, 0052 faded up with "Wooly Bully", "Red riding hood" and a program of oldies. Long fades in and out from barely audible to fair. (Taylor-WI)

6950-USB, PIRATE-NA. PEE WEE. 0207, 12-05-22, "Jesus is just alright with me", SSTV ("Pee Wee was here"), Inaudible to fair depending on fading. About 6 minutes after going off there was a fuzz guitar version of "Silent night". (Taylor-WI)

6950-AM, PIRATE-NA. CLOUDSPLITTER RADIO. 2040 - 2140, 12-07-22, Pearl Harbor Remembrance Day broadcast of a Victory at Sea program. S5. (Penney-MA)

6950/4185-USB, PIRATE-NA. RADIO FREE WHATEVER. 2150, 12-16-22, A nice show of Indie music. DJ Dickweed did shout outs to

the HF Underground posters. Good signal (Majewski-CT)

6955-USB, PIRATE-NA. THUNDER CHICKEN RADIO. 2259, 12-14-22, good. Interesting heavy rock, into some Christmas themed mx next: Stuart Hamm w/ "Sleigh Ride", Trevor Rabin w/ "O' Come All Ye Faithful", Zakk Wylde w/ "White Christmas", John Sykes w/ God Rest Ye Merry Gentlemen. (Montney-MI)

6955-USB, PIRATE-NA. WTF RADIO WW. 2135, 12-18-22, good. It all starts now: Peter Gabriel w/ "Lead a Normal Life", OM annncr w/ ID, next/The Kairos w/ "Lazy Le thargic", The Paranoids w/ "BWF", announcer comments: 'just getting warmed up' with a spoof ad for 'Duka Cola' w/song. (Montney-MI)

6955-USB, PIRATE-NA. UNID SANTA. 1930 - 2020, 12-24-22, Many Ho, Ho, Hos from Santa with six SSTV images during this time. ID by Santa's SSTV images. Nice signal. S8. (Penney-MA)

6985-AM, PIRATE-NA. LOCOMOTIVE RADIO. 2349 - 0002, 12-28-22, Music selections from Dan Fogelberg, The Beatles & The Singing Dogs. OM w/ID. Weak copy w/peskie interference on LSB. S5 (Penney-MA)

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!



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.

Member	Equipment	Column
Greg MAJEWSKI, Oakdale, CT		P
Mark TAYLOR, Madison, WI		P
Rich D'ANGELO, Wyomissing, PA		L
Vince HENLEY, Anacortes, WA		L
Eric BUENEMAN, Hazelwood, MO		L
Jerry BERG, Lexington MA		LN
Glenn HAUSER, Enid, OK		L,P
Bill MONTNEY, Monroe, MI		P
Gary NEAL, Cockeysville, MD		LN
Rick BARTON, Sun City, AZ		L
Gayle Van Horn, Brasstown, NC		LN
Tony PAVICK, Hope, BC		P
Jim EVANS, Germantown, TN		L

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

Loggings

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

- 3330 **CANADA CHU** Ottawa, ON – 11/3 2120 noted with time signals, “CHU Canada” ID in French, UTC time check in French and English. SIO 323. (Bueneman-MO/MDDX)
- 4840 **UNITED STATES WWCR 3** from Nashville, TN to NAM. December 9, 2022, 0155 – 0200. SIO 555. Morbid discussion about dead bodies. OM / YL ins conversation. Religious program. Programming switch at 0200. (Henley, WA)

- 5000 **UNITED STATES WWV Fort Collins**, CO – 11/3 11/3 2017 noted with time signals, UTC time check at 2018 into solar weather outlook in English. SIO 333. (Bueneman-MO/MDDX)
- 5025 **CUBA Radio Rebelde** CMBA Bauta, Ciudad de la Habana – 11/3 2219 noted with commentary in Spanish. SIO 222. (Bueneman-MO/MDDX)
- 5040 **CUBA Radio Havana Cuba** via Bejucal, Ciudad de la Habana – 11/3 2220 noted with commentary in Spanish into light vocal music. SIO 222. (Bueneman-MO/MDDX)
- 5620 **PHILIPPINES FEBC Radio** 1410. Echoey M in Javanese (listed), ending at BoH after familiar FEBC tuning signal was given a few reps -- Fair to Good 11/8 (Barton-AZ)
- 5845 **PHILIPPINES BBC** in KK via Tinang. December 2, 2022, 1548 – 1557. SIO 555. Excellent signal. YL with commentary. Minor QRN / QSB. Easy listening. KK / EE language lesson with OM and YL instructors. Theme is a supply problem with coffee. “Do you have time to talk about a supply problem?” “Something,” “have time,” “to talk about?” “I have a meeting at one o’clock,” “I’m quite busy at the moment.” “Can it wait until this afternoon?” (Henley, WA)
- 5845 **PHILIPPINES BBC** in KK to FE via Tinang. November 25, 2022, 1617 – 1623. SIO 555. YL announcer with commentary and news Language lesson, KK / EE. OM and YL participants and instructors. “Hello, may I help you?” “Something is wrong with these eggs.” (Henley, WA)
- 5845 **PHILIPPINES BBC** in KK to FE via Tinang. December 15, 2022, 1618 – 1625. SIO 444. Language lesson. “I studied English at University.” OM and YL instructors. Minor QRN / QSB. “I graduated in . . .” “. . . first class degree.” YL continues with the lesson. (Henley, WA)
- 5960 **GERMANY The Mighty KBC** – Nauen, 0014-0047 Nov 27, several oldies (Steely Dan, Eric Clapton, etc.) with ads for KBC Imports in English and Dutch languages. Announcer spoke in the English language with several nice station Ids playing essentially oldies music. Very good signal. I thought these guys were gone but apparently still hanging on hoping to find more sponsors for program. (D’Angelo-PA)
- 5960 **TURKEY Voice of Turkey** – Emirler, 2350-0006 Nov 17, two woman with talk feature in the English language followed by station ID and closing announcements for the English language service, 5+1 time pips at 2300 followed by the German language service. Fair to good signal. D’Angelo-PA)
- 5960 **TURKEY Voice of Turkey**, Dec 9 at 2302, VOT English VP direct, S9 but under modulated; so I listen to SPAIN and a pirate instead. 2346 recheck, still VP, S4/S7 under modulated (Glenn Hauser, OK)
- 5985 **CHINA China Radio Int’l** in Swahili to East Africa. December 6, 2022, 1612 – 1617. SIO 444. YL with commentary and long monologue. OM joins with another long monologue. Moderate QRN / QSB, increasing as the sun rises here. OM / YL continue to alternate. (Henley, WA)
- 6017 **COLOMBIA Organización Radial El Prado** (Pirate), Palermo, 0003-0015. Tentative log of Colombian pirate. Nonstop ballad music. Very weak signal, above noise level about 25% of the time. No announcements heard. 11/23/2022 (Evans - TN)
- 6045 **TAIWAN (tentative)**. “Furusato no Kaze” clandestine / opposition in JJ target North Korea. December 12, 2022, 1619 – 1628. SIO 444. MX, YL performer with a

- ballad. Broadcast likely from Tanshui, Taiwan. YL announcer in JJ. MX continues, including a children's song. (Henley, WA)
- 6110 ALASKA KNLS** religious broadcast in RR to FE. November 23, 2022, 1631 – 1641. SIO 555. OM / YL in RR talk followed by hymn in RR by a mixed choir. Excellent signal. OM with contact information and station ID follows. (Henley, WA)
- 6110 ALASKA KNLS** religious broadcast in RR to FE. December 15, 2022, 1626 – 1636. SIO 333. OM in RR with homily. Heavy QRN, rapid QSB / flutter. Long monologue. YL follows with ID and then POP MX in EE by OM performer. OM with station ID and contact information in RR follows the MX, then more POP MX. (Henley, WA)
- 6110 ALASKA KNLS** religious broadcast in RR to FE. December 17, 2022, 1652 – 1700. SIO 555. OM with ID and contact information in RR. POP MX follows. Slight QRN / QSB. OM with ID and contact information given again, for the second time in as many minutes, then more POP MX. Interval signal at TOH. (Henley, WA)
- 6125 CHINA CNR 1** domestic program. December 13, 2022, 1546 – 1550. SIO 333. OM in long monologue, MX, other domestic programming. Heavy QRN, shallow QSB to JBA. (Henley, WA)
- 6175 CHINA CNR 1** domestic program in Mandarin. December 6, 2022, 1650 – 1655. SIO 333. OM announcer, MX and possible radio drama. Mixed OM / YL performers with dramatic speech and flying helicopter noise. (Henley, WA)
- 7255 NIGERIA Voice of Nigeria** Dec 10 at 0715, VON is on at S9/+10 but JBM. Something's always abysmal at Abuja (Glenn Hauser, OK)
- 7265 CHINA China Radio Int'l** in RR to Eastern Europe. December 6, 2022, 1635 – 1645. SIO 444. YL announcer with news and commentary. POP MX follows with mixed performers. YL follows with talk and then more POP MX. (Henley, WA)
- 7270 CHINA PBS Nei Menggu** Dec 15 at 0739, music at S5/S6 not noted before, besides checking 7255 & 7260. Aoki shows only PBS Nei Menggu, Hohhot 839 site, Inner Mongolia (Glenn Hauser, OK)
- 7290 CHINA China Radio Int'l** – Xian, 2235-2257 fade out, a man and woman announcers with talk in the Korean language until brief instrumental music before final talk segments. Faded out before the top of the hour. (D'Angelo-PA)
- 7300 CHINA CNR 1** domestic program in CC. December 17, 2022, 1555 – 1600. SIO 434. CNR domestic program, target internal China. OM in Mandarin with emphatic talk. Background MX. This station is probably jamming Radio Taiwan International on this same frequency. Station ID then off the air at TOH. (Henley, WA)
- 7315 FRANCE R Tamazuj** 0329. Middle Eastern sounding music after, then long talk by man in south Sudanese Arabic. -- Very Good 11/27 (Barton-AZ)
- 7335 CHINA China Radio Int'l** in Croatian / Hrvatski to EU. November 25, 2022, 1747 – 1755. SIO 444. MX program with EU POP MX. Mixed performers. Minor QRN / QSB. Good MX. Listenable. (Henley, WA)
- 7340 AUSTRIA Adventist World Radio** – Moosbrunn, 0212-0259* Nov 27, short religious talks in the Urdu language with musical selections and station ID just before close of program. Carrier briefly terminated before opening with English language station ID followed by opening of the Panjabi language program. Fair signal. (D'Angelo-PA)
- 7390 NEW ZEALAND RNZ Pacific** in EE to Oceania. December 1, 2022, 1516 – 1526. SIO 555. Excellent signal, clear, easy listening. MX, jazz, show tunes. YL announcer with MX program, oldies, from the 1950s and earlier. Talk about the disposition of the Kuril Islands after the end of WW II. (Henley, WA)

- 7390 **NEW ZEALAND RNZ Pacific** in EE to Oceania. December 13, 2022, 1535 – 1544. SIO 555. Excellent signal. YLs talking about inflation and price increases on food staples. Two YLs in conversation about it being increasingly difficult to feed a family today. The interview's focus was on the Nigerian economy and its dependency on exporting raw material and importing finished goods. (Henley, WA)
- 7390 **NEW ZEALAND RNZ Pacific** to Oceania. December 17, 2022, 1539 – 1554. SIO 444. Christmas carols with a mixed choir. YL announcer between songs with commentary about the MX. Flutter on the signal, but otherwise good. Easy listening. (Henley, WA)
- 7435 **CHINA China Radio Int'l** / CGTN in EE to Southern Africa. November 27, 2022, 1651 – 1655. SIO 222. OM / YLs in talk. Poor, weak signal. Listenable with difficulty, QSB to inaudible. (Henley, WA)
- 7505 **GERMANY Radio Farda** in Farsi to Iran via Lampertheim. December 7, 2022, 1550 – 1601. SIO 333.OMs in discussion. Moderate QRN / QSB. YLs join at 1558. Mixed OM / YL discussion. Broadcast is US AGM controlled. (Henley, WA)
- 7780 **INDONESIA [non] Voice if Indonesia**. 7780, Dec 11 at 0801, VOI in English via WRMI, S7/S9 direct, headlines or intro as I am trying to lock on to the accent; 0802 already to song, anthem? 0805 ID and news? Sounds worth listening to, but shall not stay awake any longer (Glenn Hauser, OK, WOR)
- 7810 **JAPAN NHK Radio Japan** in JJ to SEA. December 6, 2022, 0210 – 0215. SIO 333. POP MX, YL performer. Moderate QRN / QSB. OM announcer in JJ. Listenable. (Henley, WA)
- 9275 **UNITED STATES WMLK** Bethel, PA – 11/3 1929 noted with sermon mentioning the Bill of Rights in English. SIO 444. (Bueneman-MO/MDDX)
- 9275 **USA WMLK – Assemblies of Yahweh**, 2053-2200* Nov 16, Jacob Meyer talking about new calendar and promoting religious books mentioning “we are not a cult” with numerous mentions of Sacred Name Broadcaster. Several nice station IDs with programming continuing until 200 closing. Good signal. (D'Angelo-PA)
- 9275 **PHILIPPINES FEBC Radio Liangyou** in CC to FE. November 27, 2022, 1559 – 1600. SIO 343. Off air at 1600. OM with sign-off in Mandarin. (Henley, WA)
- 9315 **CHINA CNR 1** in CC. November 23, 2022, 1644 – 1649. SIO 544. Radio drama or part of a CC opera. Emphatic dialogue with OM / YL actors. Background MX accompanies drama. This is likely intended to jam Radio Free Asia on the same frequency. Many sound effects. (Henley, WA)
- 9315 **CHINA CNR 1** in CC. November 27, 2022, 1643 – 1649. SIO 333. OM / YL in dramatic talk, possibly a radio drama. Likely jamming Radio Free Asia on the same frequency. Listed target is FE. (Henley, WA)
- 9350 **UNITED STATES WWCR** Nashville, TN – 11/3 2006 noted with sermon in English. SIO 444. (Bueneman-MO/MDDX)
- 9440 **ROMANIA Radio Romania Int'l** Dec 16 at 0711, German, S6/S9 with flutter. It's RRI via Tsiganeshti this semihour only (Glenn Hauser, OK)
- 9550 **ALASKA KNLS** religious broadcast in CC to FE. December 3, 2022, 1726 – 1732. SIO 555. Mixed OM and YLs in conversation. Minor QSB. MX, Strauss waltz. OM follows with homily or long monologue in Mandarin. (Henley, WA)
- 9550 **ALASKA KNLS** religious broadcast in CC. November 25, 2022, 1724 – 1729. SIO 555. YL with homily / religious message to FE. Long monologue. OM joins at 1727. (Henley, WA)

- 9555 **ALASKA KNLS** at 1725, w/ Man in Chinese in presumed religious lecture, some talks by woman, female vocal music and off just bf 1800. -- Good 11/26 (Barton-AZ)
- 9620 **INDIA AIR**, Bengaluru, 2015-2022. Subcontinent vocal music. Announcements in French by a man and a woman at 2020 followed by more music. Moderate signal strength with minor fading in heavy noise. 11/23/2022 (Evans - TN)
- 9664 **BRAZIL RVM** Dec 16 at 0709, RVM with music, then bird calls, S5/S7 but always good modulation level, and almost on-frequency lately (Glenn Hauser, OK)
- 9745 **CHINA CNR** 7, Kashi, 2243-2252. Talk in Chinese by a man and a woman. Weak signal with minor fading, just above the noise. 11/23/2022 (Evans - TN)
- 9800 **PHILIPPINES Voice of America** in KK to FE via Tinang. December 7, 2022, 1452 – 1500. SIO 333. OM in KK commentary. Flutter on the signal. Moderate QRN. Long monologue in KK. YL joins with station ID at 1459. Voice of America ID and sign-off in EE by OM with Yankee Doodle at 1500. (Henley, WA)
- 9800 **PHILIPPINES Voice of America** relay Tinang – 11/3 2033 noted with commentary in Korean. SIO 333. (Bueneman-MO/MDDX)
- 9950 **CHINA CNR 1** in CC with CC MX. December 3, 2022, 1736 – 1744. SIO 555. CC MX jamming Radio Free Asia on this frequency. CC instrumental MX, perhaps a CC opera score. Much percussion, cymbals, drums, chimes, etc. Jamming is effective. (Henley, WA)
- 9980 **UNITED STATES WWCR** religious broadcast in EE to NAM via Nashville, TN. November 25, 2022, 1646 – 1651. SIO 232. The late Brother Stair's program with a guest preacher. Steep QSB to inaudible. Overall poor, and not listenable. (Henley, WA)
- 10051 **NEWFOUNDLAND Gander VOLMET** – 11/3 2027 noted with weather reports for various Canadian airports, "This is Gander Radio out" ID at 2029 sign-off. SIO 333 in USB mode. (Bueneman-MO/MDDX)
- 11610 **UNITED KINGDOM Voice of America** in Somali to East Africa via Woofferton. December 17, 2022, 1644 – 1650. SIO 333. African MX with mixed chorus. OMs in talk follows MX. Long monologues. Noisy signal, heavy QRN, rapid, shallow QSB. (Henley, WA)
- 11620 **JAPAN NHK Radio Japan** in JJ to South Asia. December 16, 2022, 1720 – 1726. SIO 333. Moderate QRN, slow, steep QSB to JBA. OM announcer with long monologue in JJ. (Henley, WA)
- 11640 **MALI CGTN Radio via Bamako** – 11/3 2107 noted with commentary and feature on Chinese history in English. SIO 333. (Bueneman-MO/MDDX)
- 11640 **BULGARIA (clandestine) Radio Dabanga** in AA to Darfur region of Sudan. December 12, 2022, 1642 – 1652. SIO 323. Mixed announcers, ethnic MX, noisy signal. Via Kostinbrod Sofia. (Henley, WA)
- 11640 **CHINA China Radio Int'l** (Jinhua) 0715, inst. music, W in Cantonese dialect, then some very pleasant vocal music -- Good 11/14 (Barton-AZ)
- 11650 **IRAN VOIRI**, Sirjan, 2233-2235. Talk in Hausa (per schedule) by a man. Very weak signal. Barely above the noise. 11/23/2022 (Evans - TN)
- 11650 **MADAGASCAR R Dabanga** 0430, M in (listed) Dari (Afghanistan) - - Good 11/14 (Barton-AZ)
- 11720 **UNITED STATES Voice of America** Greenville, NC – 11/3 2104 noted with world news, "VOA News" ID in English into pop music. SIO 555. (Bueneman-MO/MDDX)

- 11815 JAPAN NHK Radio Japan** in JJ from Yamata to SEA. November 27, 2022, 1633 – 1641. SIO 555. OM announcer with long monologues in JJ. Good signal, minor QRN / QSB. Mostly clear easy listening. (Henley, WA)
- 11830 ASCENSION ISLANDS BBC World Service**, 0641-0659* Nov 27, woman announcer with English language news stories with nice station ID at 0658 (“stay with us, you’re listening to the BBC World Service”), another station ID just before the carrier was terminated. Poor to fair. (D’Angelo-PA)
- 11830 FRANCE Deutsche Welle** in Amharic via Issoudun. December 12, 2022, 1629 – 1648. SIO 433. Listed target is East Africa. Heavy QRN, rapid flutter. OMs in Amharic conversation. Long dialogue. Noisy signal, but listenable. (Henley, WA)
- 11870 PHILIPPINES Voice of America** in Burmese to SEA via Tinang. December 7, 2022, 1606 – 1613. SIO 333. OMs in Burmese talk. Heavy QRN, steep QSB to inaudible. Listenable with difficulty. (Henley, WA)
- 11930 UNITED STATES Radio Marti** in SS to Cuba. December 7, 2022, 1614 – 1518. SIO 233. Mixed OM and YL announcers. Heavy QRN / QSB. Poor, noisy signal, listenable with difficulty. (Henley, WA)
- 11930 UNITED STATES Radio Marti** in SS from Greenville, NC to Cuba. December 1, 2022, 1453 – 1459. SIO 333. OM announcer with station ID, schedules and contact information. Long monologue. Latin MX. Steep QSB to JBA. Moderate QRN. Listenable. (Henley, WA)
- 11930 UNITED STATES Radio Marti** in SS to Cuba via Greenville, NC. November 25, 2022, 1639 – 1645. SIO 232. POP / ROCK MX program in SS. OM announcer between MX pieces. Steep QSB, but listenable. (Henley, WA)
- 11930 UNITED STATES Radio Marti** in SS to Cuba via Greenville, NC. November 17, 2022, 1624 – 1632. SIO 333. OM and YL in SS talk. Moderate QRN / QSB. QSB to JBA. Long monologues. (Henley, WA)
- 11965 MADAGASCAR African Pathways Radio** at 2000, religious lecture from man, interesting African vocal music, interview with man from Christian Relief Fund. Cupla more similar segments and off on-the-hour -- Good 11/26 (Barton-AZ)
- 11985 MADAGASCAR Adventist World Radio** at 2100 opening with M in accented English (aka Nigerian Pidgin), choir music, religious talk by woman, man with contact address at 2112 "A W R Nigeria dot com". Closing ann, church pianist at BoH for a cupla minutes at off just bf 2130 -- Very Good 11/26 (Barton-AZ)
- 12030 SPAIN Radio Exterior Espana** to ME via Nobeljas. December 8, 2022, 1642 – 1650. SIO 444. OMs in conversation with long dialogues. YL joins at 1647 with background MX. Good, listenable signal, with only moderate QRN / QSB. (Henley, WA)
- 12030 SPAIN Radio Exterior de España** via Noblejas – 11/3 2003 noted with news and promos in Spanish. SIO 444. (Bueneman-MO/MDDX)
- 12030 SPAIN Radio Exterior Espana** in SS to ME. November 25, 2022, 1631 – 1638. SIO 333. From Noblejas. Mixed OM / YL announcers with commentary. OM with long monologue. (Henley, WA)
- 12040 GERMANY Adventist World Radio** (Nauen site) 1630, px in Amharic (Ethiopian) lang., some nice vocal music -- Fair 11/8 (Barton-AZ)
- 12065 SINGAPORE BBC** in EE to ME via Kranji. December 3, 2022, 1643 – 1703. SIO 444. Coverage of the World Cup competition. OM and YL commentators. News at TOH read by YL. QRN increasing as sun rises. (Henley, WA)

- 12095 **ASCENSION ISLAND BBC World Service** relay – 11/3 2135 noted with interviews in English. SIO 343. (Bueneman-MO/MDDX)
- 12095 **SINGAPORE BBC** in KK to FE via Kranji. December 3, 2022, 1628 – 1642. SIO 545. YL announcer with long monologue or commentary. Excellent signal, minor shallow QSB. OM joins at 1636. (Henley, WA)
- 12095 **SINGAPORE BBC** in KK to FE via Kranji. November 25, 2022, 1715 – 1723. SIO 555. Excellent signal. YL commentators with news items and commentary. Language lesson about replacing broken eggs at a market. (Henley, WA)
- 12160 **UNITED STATES WWCR 2** from Nashville, TN in EE to NAM. December 8, 2022, 1624 – 1634. SIO 434. CSC Talk radio with Beth Ann. Conservative talk. Moderate QRN, steep QSB to JBA. Some pulse QRM. Political discussion of Trump's Presidential aspirations and intentions. Advertisements for the Cavalry Group to protect animal husbandry. Other ads for conservative issues and Made in America products and services. Ad for "My Pillow." (Henley, WA)
- 12160 **UNITED STATES. WWCR 2** in EE religious program from Nashville, TN. December 3, 2022, 1710 – 1718. SIO 333. OM preacher about churches and their origin. A charismatic style preacher. Noisy signal, QRN / QSB increasing. Contact information given along with an appeal for funds. Focus is on ancient texts in the Bible. (Henley, WA)
- 12160 **UNITED STATES WWCR 2** in EE from Nashville to NAM. November 25, 2022, 1624 – 1630. SIO 444. CSC Talk Radio with Beth Ann, "Bringing America home." Suggestion to be wary of people who want to "fundamentally change America." This is generally meant that they wish to restrict our liberty in some fashion. Conservative talk radio. Quote from Paul Harvey in 1965. (Henley, WA)
- 12160 **UNITED STATES WWCR 2 religious** broadcast in EE to NAM. November 27, 2022, 1618n – 1623. SIO 444. OM preacher talking about charity and giving. Subtle preaching against indulgences. Focus on preachers talking about money regularly. (Henley, WA)
- 13264 **IRELAND Shannon VOLMET** – 11/3 2022 noted with weather reports for the North Atlantic and various European airports, "This is Shannon VOLMET, Shannon VOLMET" ID in English. SIO 333 in USB mode. (Bueneman-MO/MDDX)
- 13630 **MALI CGTN Radio via Bamako** – 11/3 2006 noted with discussion on sleep in English. SIO 444. (Bueneman-MO/MDDX)
- 13700 **CUBA Radio Habana Cuba** Dec 15 at 1600, RHC Spanish still on with live time check for 11 am; program title seems ``Cuba online``. No spurs now; off by next check 1620. Something`s always wrong at RHC (Glenn Hauser, OK)
- 13750 **THAILAND Voice of Thailand** in EE to ENAM. December 9, 2022, 0001 – 0012. SIO 444. YL with news and commentary in EE. Good signal via Udon Thani. Listenable. (Henley, WA)
- 13750 **THAILAND Voice of Thailand** – Udon, 0019-0035 Nov 21, woman announcer with the English language news program followed by several station IDs, commercial and promotional announcements up until the carrier was terminated at 0029. Fair signal with some fading. Opened again at 0030 by now quite weak so even language identification was a problem. (D'Angelo-PA)
- 13820 **UNITED STATES Radio Marti** in SS to Cuba. December 13, 2022, 1528 – 1533. SIO 333. OM with long SS monologue. Heavy QRN, shallow QSB. YL joins at 1530. ID at BOH by OM. (Henley, WA)

- 13820 UNITED STATES *Radio Marti*** in SS to Cuba. December 17, 2022, 1532 – 1538. SIO 444. OM announcer with SS monologue. Good signal. Minor QRN / QSB. From Greenville, NC. MX clips between commentary. ID given frequently. (Henley, WA)
- 13830 VATICAN *Radio Vatican*** in Amharic to East Africa. December 6, 2022, 1553 – 1600. SIO 232. African MX. OM with long monologue and news items. Noisy signal, listenable with difficulty. From Santa Maria di Galeria. Off the air at 1600. (Henley, WA)
- 13830 MADAGASCAR *Radio Vatican*** in Swahili via Talata Volonondry to Africa. December 8, 2022, 1616 – 1624. SIO 232. YL with long monologue. Weak, noisy signal, listenable with difficulty. MX. YL choral singing, then back to OM monologues. Mixed choral MX and /or hymns follow. (Henley, WA)
- 13845 UNITED STATES *WWCR 3*** in EE from Nashville, TN to NAM. December 9, 2022, 0050 – 0100. SIO 444. OM preacher with long sermon. His focus was imitating Jesus as our savior. A bit of fire and brimstone preaching. Identification as the “University Network” then off that air at 0058. (Henley, WA)
- 13845 UNITED STATES *WWCR*** in EE religious program from Nashville, TN. December 1, 2022, 1509 – 1515. SIO 333. The late Brother Stair, pre-recorded, with his usual incoherent sermon. Heavy QRN, steep QSB. Much name calling about alleged “sinners.” Noisy signal. (Henley, WA)
- 13845 UNITED STATES *WWCR 3*** in EE from Nashville, TN. November 27, 2022, 1611 – 1617. SIO 242. Religious broadcast with OM preacher, NOT Brother Stair. Overall poor signal, steep QSB to inaudible. Listed target is NAM. (Henley, WA)
- 14670 CANADA *CHU*** Ottawa, ON – 11/3 2020 noted with time signals, “CHU Canada” ID in French at 2021, UTC time check in French and English. SIO 545. (Bueneman-MO/MDDX)
- 15034 CANADA *CHR CFB*** Trenton, ON – 11/3 1902 noted with weather reports for various Canadian airports, “This is Trenton Military out” ID in English at 1903 sign-off. SIO 444 in USB mode. (Bueneman-MO/MDDX)
- 15125 CHINA *China Radio Int’l* / CGTN** in EE. December 9, 2022, 0132 – 0153. SIO 444. YL announcer in EE. Long rambling monologue on a variety of topics, mostly about Chinese popular culture. (Henley, WA)
- 15160 CHINA *China Radio Int’l*** inn CC to FE. December 6, 2022, 0249 – 0255. SIO 444. OM with emphatic speech in a long monologue. MX clips. YL joins at 0251, OM continues with monologue. (Henley, WA)
- 15275 FRANCE *Deutsche Welle*** in Amharic to East Africa via Issoudun. December 6, 2022, 1625 – 1630. SIO 444. Deutsche Welle with multiple OMs in talk / conversation. Good signal, minor QRN and flutter. YLs join the conversation with the OMs. (Henley, WA)
- 15275 FRANCE *Deutsche Welle*** in Amharic to East Africa via Issoudun. November 27, 2022, 1605 – 1611. SIO 232. OM commentator. Weak, noisy signal. Listenable with difficulty. (Henley, WA)
- 15275 FRANCE *Deutsche Welle*** in Amharic via Issoudun. December 17, 2022, 1633 – 1643. SIO 555. Target East Africa. MX, OMs in talk, minor flutter on the signal. Long OM monologues. YL joins at 1638. Some audio clips in EE. (Henley, WA)
- 15460 SAO TOME *Voice of America*** 1745 in Shona (listed; spoken in Mozambique and Zimbabwe), man and woman in lively dialogue -- Good 11/14 (Barton-AZ)
- 15550 FRANCE *Radio Dabanga*** in AA to Sudan. December 9, 2022, 1619 – 1632. Radio Dabanga via Issoudun in Sudanese Arabic to Sudan. Moderate QRN / QSB but

- otherwise an excellent signal. OM / YLs in conversation format. ID given. Target is the Darfur region of Western Sudan. (Henley, WA)
- 15550 FRANCE R *Tamazuj*** 1500, monologues with M, W, in local dialects for south Sudan, some interesting trad. Music beginning 1538 w/ M presenter. -- Fair to Good 11/26 (Barton-AZ)
- 15565 VATICAN STATE *Radio Vatican*** in Swahili to East Africa from Santa Maria di Galeria. December 17, 2022, 1613 – 1622. SIO 444. African MX with mixed chorus. Interval signal, then OM with talk, probably a homily. Minor QRN / QSB. Easy listening. Some minor flutter on the signal. (Henley, WA)
- 15565 VATICAN STATE *Vatican Radio*** 1530, M in (listed) Amharic (Ethiopia), lively regional music, closing after tuning signal at 1559, reopening with familiar VR tuning signal again and woman, African music, in Swahili (listed), mentions of "Christos" and religious choir music -- Fair to Good 11/8 (Barton-AZ)
- 15575 SOUTH KOREA *KBS World Radio*** in SS to NAM. December 6, 2022, 0201 – 0209. SIO 444. OM with TOH news. Station ID at TOH, with OM news and commentary following. (Henley, WA)
- 15580 BOTSWANA *Voice of America*** relay Mopeng Hill – 11/3 1902 noted with world news, "This is VOA News" ID into *VOA News Now* in English. SIO 333. (Bueneman-MO/MDDX)
- 15580 BOTSWANA *Voice of America*** in EE to Africa via Mopeng Hill. November 25, 2022, 1810 – 1820. SIO 444. News of a coup attempt. News of events across Africa. OM announcer reading news items. "Africa News Tonight" news program. Good signal, minor QRN / QSB, easy listening. Uganda schools closing. YL joins announcers at 1815. World Cup soccer news. (Henley, WA)
- 15665 GUAM *KSDA*** 2230, talk by W in (listed) Javanese, (presumed) Indonesian regional music. Closing at 2259 after man: "This is Adventist World Radio, the Voice of Hope". -- Fair 11/14 (Barton-AZ)
- 15730 UNITED STATES *Voice of America*** Greenville, NC – 11/3 1948 noted with interview and promo in French. SIO 555. (Bueneman-MO/MDDX)
- 15770 UNITED STATES *Radio Slovakia International*** in Slovak via WRMI in Okeechobee, FL. December 9, 2022, 0023 – 0049. SIO 444. OM with ID. POP MX, YL joins with commentary. Target is WNA. More POP MX follows. Good signal easy listening. Switch to EE programming at 0030. YL commentary on news items. New border controls being implemented. Commentary on theater in Slovakia and increased artistic recognition. Very long monologue, MX clips from 19th century MX. (Henley, WA)
- 15770 UNITED STATES *WRMI*** in EE to ENAM. December 9, 2022, 0101 – 0109. SIO 444. "Supreme Master TV" religious broadcast. MX clips. (Henley, WA)
- 15770 UNITED STATES *Voice of America*** via WRMI Okeechobee, FL -11/3 1950 noted with story on energy supplies in Ukraine in English. SIO 555. (Bueneman-MO/MDDX)
- 15825 UNITED STATES *WWCR*** Nashville, TN – 11/3 1954 noted with sermon in English. SIO 555. (Bueneman-MO/MDDX)
- 17490 CHINA *China Radio Int'l*** in Amoy to SEA. December 6, 2022, 0216 – 0237. SIO 444. CC MX to SEA. OM announcer with long monologue. YL joins at 0230. (Henley, WA)
- 17620 FRANCE *Radio France Int'l*** – Issoudun, 1746-1759* Nov 27, man and woman announcers with long talk in the French language. Light instrumental music at

1758 before the man spoke again just before the carrier being terminated. Poor to fair. (D'Angelo-PA)

17700 **UNITED STATES Voice of America** Greenville, NC - 11/3 1908 noted with interview in French. SIO 444. (Bueneman-MO/MDDX)

17790 **UNITED STATES Pan American Broadcasting** via WRMI Okeechobee, FL - 11/3 1919 noted with sermon in English. SIO 555. (Bueneman0MO/MDDX)





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<www.ontheshortwaves.com> Update, December 11, 2022 -- We have already posted one QSL, from 1936 [<https://ecbiz329.inmotionhosting.com/~onthes6/QSL/TI4NRH.jpg>], for the famous Costa Rican shortwave station, TI4NRH. Now, in "DX History-I/QSLs & Other Station Memorabilia," we have posted a file with four more. Look for the file at the red "New" in "Stations/Costa Rica" (zoom in to get the details). The first QSL is from February 1930, which is less than two years after the station's May 1928 inauguration. This was quite early in the history of shortwave broadcasting. The QSL, 10-1/2" x 14" in the original, commemorates the acquisition of some new equipment, and the approval of free franking privileges for the station. Note the reference to the station as "the Lindy of Central America," a reference to Lindbergh's famous non-stop flight to Paris, which took place in 1927. The second QSL is from 1934 and is a ham-style card, repurposed as a broadcast QSL. The third QSL, from 1938, is 9"x12" in size. The pride of the station's owner-operator, Amando Cespedes Marin, and the place that he felt TI4NRH occupied in shortwave history, really come through. The final QSL, another certificate, was issued in May 1938 to commemorate the station's tenth anniversary. This particular QSL was used to verify a report on a special program arranged in 1941 by the NNRC Courtesy Programs Committee, and the paragraph above the QSL is from the November 10, 1941 NNRC bulletin, where the special program was announced. ("Bob" is Bob Gorsuch, the committee member who arranged programs with Latin American stations.) The fancy NRH QSLs were no doubt a product of Don Amando's pre-radio background as a photographer.

<www.ontheshortwaves.com> Update, December 18, 2022 -- Under "DX History-II/Lists, Logs, Guides & Columns," you will find another example of an early radio log with "dual parentage." Look for the red "New," where we have posted the "Practical Wireless Radio Atlas and Wavelength Guide," and "Answers—World Radio Atlas, Gazetteer and Log Book." Judging from the note on the inside front cover of each, these must have been printed in 1933. The two publications, from the U.K., appear to be identical. At the beginning there is a combined list of short, medium and long wave stations in Europe, arranged by city ("The Concerts of Europe"); at the end there is a similar list of non-European stations ("The Broadcasts of the

World"); and in between are maps of the continents, with red dots at the station locations (the lists contain reference points so a specific "station dot" can be found on the maps). -- And under "Specialized Resources/Wavescan," we have updated the Wavescan Index so it is complete through edition #706 (September 4, 2022), which is the latest Wavescan script received. Audio versions of later weekly editions can be found at the usual places online (see URLs at the top of the Wavescan Index).

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

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! 

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

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