

# The **NASA** Journal

VOLUME LX NUMBER 3

MARCH 2020

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## WORLD RADIO TV HANDBOOK 2020

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 receiver reviews. 74<sup>th</sup> Edition. ©2019 672 p. List \$49.95.  
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# NASWA Notes

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

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Due to the monthly editorial deadline schedule and the timing of this year's Winter SWL Festival, most reports about this event will have to wait for next month's edition of The Journal (the exception is George Zeller's Pirate Radio Report column). In the interim, I am sure there will be reports on the NASWA group.io and a few other places to satisfy your curiosity.

The Far East Broadcasting Company ("FEBC") has been in the shortwave game a long time after being established shortly after World War II. Thankfully, they are still active and can be heard and verified to this day on the shortwave bands. Broadcasting from the Philippines, FEBC has put together some interesting QSL verification cards designs over the years and John Herkimer has captured that magic in this month's cover. Whether QSL cards, pennants or stickers this month's cover provides a glimpse into what FEBC has produced over the years. FEBC can still be heard on a regular basis throughout the world. Keep following Listeners Notebook for any FEBC updates.

Recently, we learned of the passing of long time NASWA member Peter Pompe who lived in Belgium; he was 83 years old at the time of his passing. I remember Peter back in the 1960's and 1970's as one of Europe's more active DX'ers. His widow, Christa, indicated that he had about 20-30 radios she would like to find homes for in the shortwave community. If interested, please contact her directly at [christa.pompe@gmail.com](mailto:christa.pompe@gmail.com) or through the postal system at Christa Pompe, 38 Val du Prince, 1950 Kraainem, Belgium.

From World Radio Television Handbook ("WRTH") publisher Nicholas Hardyman we

learn that the WRTH has released PDF updates to the B19 schedules in the International section of WRTH 2020. A number of these updates appear in this month's Listeners Notebook. Visit the updates section of their website and click the "International Updates" link to download the file from the WRTH store. If you haven't yet got your copy of WRTH 2020 you can buy one now. Readers in North America can also order copies from Universal Radio. The WRTH is also asking readers to take a few minutes to give us them feedback about the WRTH in their 2020 Questionnaire.

Here is some preliminary information about the next European DX Council ("EDXC") Conference in Bucharest, Romania scheduled for 10-13 September 2020. The EDXC 2020 conference will be held from Thursday September 10th to Sunday September 13th in 2020. There will also be optional post-conference excursions from Monday 14th September. Conference and accommodation venue: Parliament Hotel  
<<https://www.parliament-hotel.ro/en/>>.


The price of the rooms is about 75 Euro (double / twin) and 60 Euro (single) each night with breakfast included. A visit to Radio Romania International is scheduled on Friday 11th, in the morning, so it will be better to arrive on Thursday. The EDXC Banquet will be on Saturday evening. For those who decide to stay until the Tuesday, there is the possibility of a visit to the city of Brasov (with Dracula's Castle) for 65 Euro, lunch included, probably on Monday 14th September. More information about how to book the rooms, and details of the conference programme, will be published soon.

Through the National Radio Club we learn that the 2020 International Radio Club of America ("IRCA") and Decalcomania will their annual joint convention at the Four Points by Sheraton, 1221 S. Harbor Blvd., Anaheim, CA 92805 on September 10-12, 2020. The phone number for reservations is 714-758-0900 (mention convention). Guest room rate is \$115.00 per night plus tax and includes all you can eat breakfast. Parking is \$10.00 per day. Registration fee (not including the banquet) is \$25.00 payable to Mike Sanburn, P. O. Box 1256, Bellflower, CA 90707-1256. Activities will include station visits, IRCA business meeting, auction and nightly fireworks show. For more information contact mikesanburn@hotmail.com.

Here's a reminder that the National Association of Shortwave Broadcasters ("NASB") will host its annual meeting at the WEWN Shortwave transmitter site near Leeds, Alabama (suburbs of Birmingham) on Thursday, May 14 and Friday, May 15, 2020. There is no cost to attend the meeting itself, and the meals indicated in the agenda will be provided free of charge. Attendees must pay their own travel and accommodation expenses. The Meeting Hotel is the Candlewood Suites, 600 Corporate Ridge Drive, Birmingham, Alabama 35242. WEWN will provide transportation back and forth

between the hotel and the transmitter site where meetings will be held. The hotel does not include breakfast, but WEWN will provide breakfast at the transmitter site each morning. The hotel room rate is \$75.00 per night, plus tax = \$87.50, single or double occupancy. Individual guest reservations can be made by calling the hotel reservations number directly at +1-205-991-0272 and mention the EWTN Radio Meeting Room Block. NASB 2020 annual meeting agenda starts Thursday, May 14, 2020 starting at 9:00 am - 5:00 pm - Talks and presentations will take place at WEWN's shortwave transmitter site, as well as a tour of the site. These are great meeting to attend; they are quite interesting and informative.


Finally, don't forget to grab your copy of the recently finished the list of Tropical Bands Broadcasting stations heard by DX-ers worldwide in 2019 prepared by Anker Petersen. The list can be found at [www.dswci.org](http://www.dswci.org) on Tropical Bands Monitor in Latest issue. The list seems to get smaller and smaller as each year passes signal decreased usage by domestic tropical band shortwave stations.

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

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## Unity and Friendship

Please remember to direct all communications about subscriptions, bulletin delivery issues, the use of PayPal as a payment method, etc. to Rich Cuff at the club's new business address P. O. Box 3292, Allentown, PA 18106 or to his e-mail address, [hq@naswa.net](mailto:hq@naswa.net). Thanks! 

# Musings

Jerry Lineback • 4422 Sierra Del Sol • Paradise, CA 95969-8116 • [jalinebk@gmail.com](mailto:jalinebk@gmail.com)

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*Please e-mail your Musings, preferably as MS Word attachments, to [jalinebk@gmail.com](mailto:jalinebk@gmail.com) or mail to Jerry Alice Lineback, 4422 Sierra Del Sol, Paradise, CA 95969-8116. Please note that the new deadline for contributions to the April issue is March 18, 2020.*

Sorry for missing a month. My computer died just as I was starting last month's column and the only remedy was getting another and that has involved learning Windows 10 and Office 365. Hopefully I will be fully proficient by next month. Anyway, thanks for your contributions and patience.

Please remember the new earlier deadlines for 2020 and do resolve to contribute to Musings.

73, Jerry Alice

**Bill Tilford, [bill1tilford@aol.com](mailto:bill1tilford@aol.com), Chicago, IL**

Space Line in Bulgaria has been a wonderful radio partner and nothing that I am about to write changes that, but occasionally things go awry in any operation, and this one is too funny not to share.

On February 2 at 1500, I was awaiting the regularly-scheduled broadcast of From the Isle of Music on 9400 Khz which I monitor on various web sdrs, and due to a playout issue, after a few moments of the FTIOM intro, it cut over to The Overcomer Ministry (Brother Stair), who comes on the following hour, during a moment in which Brother Stair was airing a recorded Satanic curse cast upon them by Rabishu (this episode of FTIOM may apparently be collateral damage from that?). Later FTIOM began again but cut out after a few minutes with resulting static. During a few minutes before that, a surreal mixing product could be heard in parts of New Hampshire, with Brother Stair preaching over an Afrocuban Jazz song. For those who were able to listen at the right time and place, this could be one of those great moments in weird radio. Even though this wasn't much fun for the broadcaster me, the listener me had to laugh.

73, Bill

**Richard A. D'Angelo <[rdangelo3@aol.com](mailto:rdangelo3@aol.com)>, 2216 Burkey Drive, Wyomissing, PA 19610**

French Creek State Park DXpedition No. 59 (February 9, 10 and 11, 2020)

I arrived a little later than usual with Ed Mauger patiently waiting for some else to appear. We began unpacking our vehicles while waiting for the park ranger to arrive with a key to the cabin. The park ranger didn't appear until close to 1500 local time. Tracy Woods showed up a little later rounding out our DXpedition crew for this outing. With the ground dry, so

antenna set up went relatively quickly. With Dan Robinson being a last minute cancellation, we didn't have a loop antenna available to use this trip.

Once again, reception conditions were far from ideal. Reception from the Asian and Pacific regions was somewhat favorable but Latin America suffered and the tropical bands were as dead as can be. Things didn't improve as the evening wore on although some African friends were noted later (Dole from Zanzibar, Radio Fana, etc.).

The tropical bands continued to be poor the following morning with only Radio Verdad in Guatemala poking through the noise with a nice program of musical selections. I did manage to hear English from North Korea on 11,710 kHz at 1500 UTC which kind of surprised me. Tracy packed up and left in the early afternoon but Ron Hunsicker and Breck stopped by the cabin for an afternoon visit while it rained. The late afternoon saw the BBC World Service from Tinang, Philippines on 6,150 kHz visiting. Things began to return to more "normal" conditions later that evening as Zambia (5,915 kHz), BBC-UAE (5,995 kHz) and Zanzibar (6,015 kHz) made welcomed appearances. On the long wave front 171 (Medi Un/Spanish Morocco). 198 (BBC-Droitwich) and 252 (Radio Algerienne) all made appearances.

Things can still be interesting on the shortwave bands if you keep searching, however, the continuing big disappointment for me was the lack of activity on the tropical bands. Propagation was a big part of that disappointing equation (it awful this time out) but the reduced number of shortwave stations operating on the tropical bands is also a significant contributor to this lack of success. Unfortunately, these are the times we live in.


73, Richard

**Randy R. Wynn, 1700 N. Victory Rd., Norfolk, NE 68701**

I recently discovered that HFCC lists EWTN/WEWN Catholic Radio on 11610 kHz, rather they are on 9385 kHz from 0000-0900 UTC.

Thanks, Randy

**Publishers Note:** Musing contributions from Brett Saylor and Ed Stroh will appear next month due to restrictions on the number of pages in the printed Journal.

*Please support Musings by contributing your thoughts and experiences. Thanks to our contributors. 73 de JAL* 

# Publisher's Corner

Richard Cuff • P.O. Box 3292 • Allentown, PA 18106 • [hq@naswa.net](mailto:hq@naswa.net)

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## Welcome Richard Murphy!

The Journal in your hands is the handiwork of Richard Murphy, who has picked up the monthly task of generating the Journal from the columns submitted by the various editors. Richard has put a lot of work to learn the desktop publishing “ropes” and produce a bulletin that uses different tools than Ralph Brandi used, but still yields a sharp-looking product. Richard produced a “shadow” edition of the February Journal to compare his approach to Ralph’s, and has produced this March edition on his own. If you bump into him online or in person, please thank him for his work!

## Thank you editors!

While we have spent much time on the transition from Ralph to Richard in putting the newsletter together, I wanted to also take the time to thank our various editors for their continuing work to create the quality, timeliness, and relevance that is embodied in the Journal each month. It’s their creativity, perspective, initiative, and skills that are embodied in the document in your hands, and -- month after month -- and, for most, for a duration of many years. It’s interesting to look at the club’s history and see how much turnover we had over the years with various columns. That turnover is way down nowadays, and the efforts of all our editors are sincerely appreciated.

As someone who was an editor for more than 20 years (!), I know I was grateful for those folks who took the time to send an e-mail / postcard / letter regarding a topic they were particularly interested in, or something they

saw elsewhere that they thought was germane to my subject, or something I wrote that struck a particular chord with them. Sometimes it can seem like you’re speaking into a vacuum when you produce a column, and feedback is certainly appreciated.

This is one reason we provide contact information for each of our editors at the top of each column -- to facilitate direct communication between members and the editors. I strongly encourage you to take advantage of that link and send off a note when you see something that interests you, or you wish an editor would cover a specific subject.

## The NASWA e-Journal is one year old

We introduced an electronic form of the NASWA Journal one year ago, and I’ve been pleased with its reception: Approximately  $\frac{1}{3}$  of our membership now receives the Journal electronically each month. About the only issue I know of is an isolated instance of the file size being larger than their e-mail account permits in an attachment. If that would be a problem for you, we can provide a workaround by sending a link -- not the file -- in e-mail, which you would then click on to download the Journal and bypass any e-mail limitations.

We also added a way to manage membership via the NASWA website, through the use of PayPal to begin or renew both digital and traditional paper-based memberships. We’ve picked up a bunch of new members, as well as lapsed members who have come back to the club. Welcome to all -- we hope you are enjoying your club membership, and we look

forward to hearing from you with content suggestions, loggings, memories, and musings about our favorite hobby.

If you're starting to downsize your hobby space, you might find e-membership to your liking, as the books don't physically accumulate, and they take up much less physical space when they're stored digitally. If you're a paper member and would like to try out the PDF version, I'd be happy to do so each month. Just let me know at the usual address. If interested we can convert you from a paper membership to e-

membership and adjust your membership term for the amount you've already sent in.

As you read this the 33rd (!) Winter SWL Fest will be history. If you were there, I hope we had the chance to visit, and that you enjoyed yourself!

Here's to another month of good listening / great DX!

Richard Cuff / Publisher – Business Manager



# Listening Review

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

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Welcome to Listening Review for March 2020. Firstly, some program news. In January's Listening Review I mentioned a new program Radio Free Chicago, produced by Bill Tilford (producer of From The Isle of Music and Uncle Bill's Melting Pot) to be aired on WBCQ. Sadly that plan hasn't worked out, however UBMP (via WBCQ only) has now been extended to one hour, with the first hour being a new edition, and the second half hour being a repeat of an early episode from 2-3 years ago. UBMP is therefore scheduled as follows: Sundays 2300-0000 UTC via WBCQ on 7490 kHz and Tuesdays 2000-2030 UTC via Channel 292 on 6070 kHz.

This month I am taking a look at a few programs heard during the European morning hours starting from 0900UT in the 75, 49, 41 and 31 meter bands on Sunday 2 February.

0900-1000UT

Radio Tumbril is in full swing with Encore Classical Music on 7440 kHz via Channel

292's Rohrbach transmitter, providing fair-to-good reception. I'm not going to list the entire playlist here, however I joined the program at 0920UT just in time to hear a recording of Chopin's Polonaise No. 6 played by Vladimir Ashkenazy followed by Bottesini's Double Bass Concerto No. 2 in B minor. Now, I must confess that my knowledge of classical music is more than limited and I rarely, if ever, listen to either BBC Radio 3 or Classic FM, but I do enjoy this program. The playlist is quite varied providing new music (to me, that is) all the time. If you are signed up to the BDXC IOG mail list, a summary of the upcoming program, and latest schedule, is posted weekly (usually on Fridays), and a full playlist is published on the Radio Tumbril website at <https://www.tumbril.co.uk/playlists>, usually available by Sunday evening. I highly recommend the program. Sadly, at time of writing, the producer - Brice Avery – advises that the US relays of this popular program (via WBCQ and WWCR) will cease from the end of February, however good news is that the program will be

sponsored by WRMI with two airings each week.

The schedule from beginning of March is therefore as follows: Saturday 1100 on 6070, Sunday 0900 on 7440 and Friday 1900 on 6070, all via the Channel 292's Rohrbach transmitter and Sunday 0100 on 5850 and Monday 0300 on 9455 via WRMI's Okeechobee's transmitters.

Welle 370 was heard with another of their occasional one-hour broadcasts (all in German) on 6140 kHz via Moosbrunn. I did hear a long discussion with multiple mentions of a museum. I presume this was a discussion with Christine Oliwkowski, the new director of the Transmitter and Radio Technology Museum. I have just received from Welle 370 an informative flyer about this museum.

Meanwhile ... The unlicensed station Harmony Radio with their always enjoyable, and always relaxing, programming of easy listening music was coming in with fair-to-good reception on 5780 kHz. There was more relaxing music being heard with fair reception (at best) on 6085kHz from Radio Mi Amigo International, but not to be confused with an unlicensed station in Dutch on 5884 kHz apparently IDing also as Radio Mi Amigo International. Shortwave Radio for Europe was playing rock/pop music on 6160 kHz via their German transmitter in Winsen – strong on this frequency and also being heard, but much weaker, on 3975 kHz.

#### 1000-1100UT

Radio Ukraine International's German service was hard with fair reception on 6005 kHz via the shortwave service's low power relay transmitter in Kall, Germany, with several pop/rock songs throughout the hour, including what I presumed to be

cultural/entertainment news which included some opera and pop music extracts.

Meanwhile ... Other, legal, German lower power transmitters are being heard with fair or better reception, including HCJB Deutsche has a religious service on 5920 kHz and Channel 292 with the program from Radio DARC (a mix of technical news in German and a variety of oldies music).

#### 1100-1200UT

There's quite a variety of music being heard in this time slot today: The long-running Charlie Prince Show from Radio Joystick was heard on 7330 kHz via Moosbrunn. This program airs once a month on the first Sunday of the month with modern club/dance music. Not so much my sort of music, but if it's yours then you'll surely enjoy this program. Crusader Radio has a pleasant program of music which they described as "contemporary Christian music" on 7440 kHz via Channel 292. Sounds Irish presented by Joe Bollard was heard with a great selection of Irish music on IRRS Shortwave on 9510 kHz from 1105-1130. I have also heard this program at various times in the evening on IRRS Shortwave in the 1900-2000UT broadcast on 7290 kHz, although I haven't yet confirmed a regular schedule for the program, or if it's being used partly as a fill program. Incidentally, after some research, I find that Joe can be heard with a regular two hour program My Kind of Music on the Internet station Uplift FM aired Saturday: 2200-2400, Sunday 1800-2000 and Monday 1400-1600 & 2200-2400.

Meanwhile .... Radio Canada International's weekly English program The Link is heard on 6005 kHz from 1130 via shortwave service in Kall. However, this edition is a repeat of the pre-Christmas program, so I don't stay here for too long.

1200-1300UT


Radio Slovakia International's daily English program is heard on 6005 kHz (via Kall) at 1200. The 1200UT airing each day is actually a repeat of the previous day's program, therefore on this Sunday I hear the Saturday program starting with a recap of the main news stories of each day over the last week. This was followed by a repeat airing of a special program marking International Holocaust day on 27 January (originally aired on 30 January). This was a fascinating feature which included several short interviews. Firstly, a short interview with Gerta Vrbová, author of the Vrba-Wetzler Report (part of the Auschwitz Reports, or Protocols as it is actually titled) which was an eye-witness account of the atrocities in Auschwitz by two Slovak prisoners, Vrba and Wetzler, who escaped from Auschwitz in April 1944. This was followed by another short interview with Edita Grosman, who was part of the first mass transport of 999 Jewish girls from Slovakia to the death camp at Auschwitz in 1942. Remarkably, she survived and is still alive today – the last survivor of that transport. Finally in this segment was another short interview, this time with author and filmmaker Heather Dune Macadam who has written the story of that first transport. It was another very

interesting feature from RSI. Incidentally, I found a much fuller account of Edita Grosman's story from The Guardian in 2017 at:

<https://www.theguardian.com/world/2017/mar/25/i-will-never-be-free-of-it-auschwitz-survivor-recalls-horror-75-years-on> which is well worth reading.

Shortwave listeners do have to thank shortwaveservice.com for providing us with a fantastic range of broadcasting via their transmitters at Kall of international radio stations from around the world who have long since discontinued their own shortwave transmitters or that we would not otherwise be able to hear, including Albania, Argentina, Belarus, Canada, Mongolia, Slovakia and Ukraine. One could wish for a more powerful transmitter to hear some of these programs more easily, but at least (in Europe) they can be heard.

That's all for now – Listening Review is going to have a short break, returning with the August edition of The Journal; meanwhile my Music Programs on Shortwave will appear in May and June (those in English transmissions will appear in May and those in other languages will appear in June).

Until then, 73's and good SWL – Alan 

# International Broadcasting

Dr. Kim Andrew Elliott • 5001 25<sup>th</sup> St. North • Arlington, VA 22207 • [kimelli@verizon.net](mailto:kimelli@verizon.net)  
<http://www.kimandrewelliott.com>

## The decline and alleged fall of radio monitoring

The February 11 Jerusalem Post included a tribute to the legendary Israeli radio monitor, or "eavesdropper," Mickey Gurdus

([bit.ly/2vKDp3W](http://bit.ly/2vKDp3W)). According to Gideon Remez, who wrote the piece, Gurdus worked for Kol Yisrael, providing soundbites, but the Israeli public broadcaster "was most likely not the only customer for his unique product." An accompanying picture showed

Gurdus, who died in 2017 at age 73, at his monitoring station, which looks like an extremely well equipped, though cluttered, amateur radio shack.

In a way, Gurdus's career was a microcosm of our hobby. "In those high and far-off times, foreign newspapers arrived in Israel a day or two late, at best. Unless you had a short-wave receiver or were a "ham" amateur radio operator, access to foreign broadcasts was limited - to say the least. Capturing the latest updates and sound bites from, say, a US network - never mind some remote station in Africa or Latin America - was by way of a marvel. And Mickey did it all the time."

Later in the article, Remez wrote: "In time, technology overtook some of these advantages. The teletypes were replaced by computer screens with immediate reception. Satellite television and cable news made viewing foreign broadcasts and repeating their content unremarkable. Direct-dialing international telephone links made newsmakers directly accessible (if one tried hard enough) for original and custom Israeli-oriented comment. And then the Internet put final paid to the occult art of monitoring, as far as regular news outlets were concerned. It took Mickey a while to grapple with the new reality that being first to echo the BBC or CBS or Radio Beijing was no longer a big deal."

And, so, the decline of Gurdus's specialty, in parallel with the decline of shortwave broadcasting and shortwave listening. But Chris Greenway of BBC Monitoring, not surprisingly, took issue. He tweeted: "(1) It's unfortunate that so much of what's been written about Mickey Gurdus focuses on what was said to have been a disappointing end to his career. (2) This statement is incorrect: 'the Internet put final paid [sic] to

the occult art of monitoring'." ([bit.ly/2P1r7eA](http://bit.ly/2P1r7eA))

## The past may be prologue

Which got me to thinking. In true Twitter fashion, I tweeted a reply to Chris's tweet: "With increased internet restrictions, past may be prologue. Unless you have a shortwave receiver or are a 'ham' amateur radio operator, access to uncensored information from abroad will be limited -- to say the least." Chris replied to my reply: "I agree. And the art of monitoring (whether 'occult' or open) will continue to be valuable." And that contribution can be worthwhile whether we do the monitoring as professionals or hobbyists.

The internet restrictions I referred to have been in the news in recent years. Good reviews of these interdictions can be found at [freedomonthenet.org](http://freedomonthenet.org) of Freedom House, and [NetBlocks.org](http://NetBlocks.org). While circumvention methods such as Tor and Psiphon and VPNs are available, regimes are going after these technologies which as much zeal as they are pursuing the websites they wish to block. And, if all else fails, the authoritarians have a tool that neither Psiphon nor a VPN can overcome: cutting the landlines. "Despite the global nature of the web, the internet still requires physical infrastructure to operate. Physical cables and servers are controlled within the borders of nations and fall under the laws of those states." ([bit.ly/2uV9rKG](http://bit.ly/2uV9rKG))

Here, shortwave and satellites have the advantage over the internet. Shortwave and satellites deliver their content wirelessly. Their signals can be jammed, but with difficulty. Shortwave is arguably more difficult to jam than satellites. And satellite receiving equipment is more expensive and conspicuous than shortwave radios. In the emerging media environment, for those who

really wish to “seek, receive and impart information and ideas of all kinds, regardless of frontiers,” shortwave radio may be the best bet.

### **KXCL? Or KCXL? Either way the audience is probably tiny**

Here in the United States, on February 13, nine Democratic members of the House of Representatives sent a letter to FCC Chairman Ajit Pai expressing concerns about the relay of Radio Sputnik on WZHF, 1390 kHz AM, and WKYS, 105.5 MHz FM (low power), in the Washington DC area, and now also on KCXL in Kansas City (1140 kHz AM, and FM 102.9 MHz and 104.7 MHz). The Representatives misidentified the Kansas City station as KXCL, which is actually a religious station in Rock Creek Park, Colorado, on 101.7 MHz FM – and probably now getting some interesting mail. The letter to the FCC does not call for shutting down the Radio Sputnik relays. But, it states, “WZHF continues to air Russian propaganda in our nation’s Capital, as it has for more than two years, without informing its listeners that the broadcast is sponsored by the Russian government.”

“The FCC has failed to enforce its own rules as they apply to registered foreign agents, allowing hostile Russian propagandists to attack our democracy as another election is upon us. The FCC’s continued inaction, after receiving many Congressional letters from us about this critically important issue, is a stunning abdication of its responsibility to protect American airwaves. ... Americans are currently in the process of deciding who they will elect to lead our country, and it’s critical that they are not unknowingly influenced by foreign propaganda.” (See [bit.ly/2V8lpLs](http://bit.ly/2V8lpLs) and its links.)

Curiosity piqued, I tuned my companion portable radio to 1390 kHz and the WZHF relay of Radio Sputnik here in the Washington DC area. At 8 and 9 am, February 18, I heard a disclaimer announcement with station ID, stating who leases time on the station, i.e. the Russians. Throughout the morning “Radio Sputnik” was mentioned several times. This is not a black clandestine effort. Its Russian roots are obvious, although most of the content is presented by Americans and is about US affairs – sort of the way RFE/RL’s Радио Свобода has Russians reporting about Russia.

Worries about Radio Sputnik influencing the next US presidential election can be tempered by the fact the relays are on AM and low-powered FM outlets. Even more so, Radio Sputnik’s sway on American political behavior is likely limited by the fact that the content is, by and large, stultifyingly boring. Most Americans, if they stumble upon the station, will tune elsewhere.

Were any Republican Representatives invited to join in this letter to the FCC? Or was this more of a Democrat-versus-Republican political exercise? It would be fascinating to know if Republican members of Congress declined to sign the letter in order to accommodate President Trump’s affection for President Putin. Or if Republican members of Congress think Radio Sputnik will be useful to reduce Democrats’ chances in November. And is FCC Chairman Pai sitting on his hands as a sop to President Trump’s views about Putin and the perceived helpfulness of Russia and its media outlets in the November election? The mind boggles.

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

# Shortwave Center

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The cupboard is pretty bare this month, so your editor had to do a lot of cutting and pasting from other sources to assemble a suitable (barely, in my view) column for this month. SWC is intended as your way to communicate your knowledge about shortwave in any dimension with your fellow NASWAns. I note that I see some members contributing to other outlets. This is great! But why not put us on that publication list too. We can use receiver reviews – whether classic or groundbreaking. Have you visited a ham swap or gone on a DXpedition? Share your experiences here!

In other words... HELP!

## SHORTWAVE NEWS

### New Station on DRM! Radio Marti DRM Test Transmissions

The US Agency for Global Media (USAGM) Office of Cuba Broadcasting (OCB) began broadcasting test transmission on DRM on Radio Marti (radiotelevisionmarti.com) from Greenville, South Carolina, according to the exclusive report on DRMNA blog site. Radio Marti's DRM broadcasts from 1700-0200 UTC

on 7345 kHz in various modes. Reception reports should be sent to [gstraub@usagm.gov](mailto:gstraub@usagm.gov).

[Ed. Note: The following was gleaned and edited from the DRM website [www.drm.org](http://www.drm.org)]

## DRM 2019

### The Year in Review

#### Key Countries

In 2019 we have seen progress being made in India where the number of cars with line-fit DRM radios is inching towards 2 million, roughly ten percent of the new cars total sold. More brands (MG is the latest) and more models of very popular brands (Maruti) have been fitted with DRM receivers. New content servers, more pure digital hours and diversified content (cricket and a news channel) have strengthened the position of DRM in India.

For the first time, digital radio DRM has been popularized through the medium of Indian TV.

In the autumn together with NXP the first joint DRM event with automobile manufacturers was held in India in recognition of the importance of the car industry in pushing DRM in India.

2020 will be significant--the adoption of the full DRM standard (including DRM for FM) should give some confidence and boost radio manufacturing.

China has made great progress in adopting DRM (7 SW transmitters broadcasting about 80 hours a day). By strengthening its cooperation with Fraunhofer IIS and by trying to learn from the Indian experience, the standard is set for a good future in China.

Indonesia took very bold steps by examining the Emergency Warning Functionality (EWF) of DRM and by acquiring 5 DRM transmitters (FM) in order to make this vital feature available to the Indonesian citizens.

The Asia-Pacific region is no doubt very interested in the potential of DRM.

In Pakistan PBC tested DRM for FM using commercial receivers and plans are afoot to achieve a complete rollout in the country. There is also interest in Nepal, Bangladesh and Australia.

In Siberia this past autumn, Russia one of possible several transmitters in DRM has started broadcasting over a vast area. The big event in Russia was the beginning of the DRM for FM demonstration in July (see below - DRM in FM).

While Russia is testing the possibilities of DRM for FM, in Hungary the potential to use DRM for SW in order to cover even a city like Budapest has been bearing fruit too.

While the activity in South Africa has been more low-key, ICASA (the regulator) has made its recommendation for a dual digital solution (DRM and DAB+). Maybe in 2020 we will see the actual policy being adopted by the government in Pretoria.

Even in Brazil, the activity of the DRM Platform and of enthusiasts, has rekindled some of the interest in DRM.

In 2019 there have been many supporting transmissions, like the one during the HFCC meeting in Argentina in September.

Co-operation with International Organizations (ABU, ITU, HFCC, DRMNA) and Key Regulators (FCC, TRAI, ACMA)

The promotion of DRM is often made at great events and in 2019 our cooperation with ABU (Asian Broadcasting Union) has strengthened. The ABU workshops (the DBS workshop in Malaysia in March, the participation in the ABU Media Summit on Climate Action and Disaster Preparedness in Kathmandu, Nepal in April, the successful Radio Asia workshop and demonstration in Bangladesh in October, the second targeted ABU-DRM workshop – Malaysia, October, as well as ABU General Assembly in Japan in November) all helped spread the word and get broadcasters interested in the potential of DRM.

We are also happy to announce closer cooperation with the Public Media Alliance.

## DRM in FM

This year DRM on FM was in sharp focus. The real showcase is the Russian demonstration, started in St. Petersburg in July. With the support of members from Europe and Asia, this is a real success and in 2020 we hope to see a detailed assessment and continuation of this endeavor.

Technical improvements have been made and during a very successful IBC, the enhanced DRM capacity in FM has been demonstrated at one of the DRM events there.

## Receivers

The development of receivers and receiver solutions has continued in 2019. Gospell (China) is working tirelessly and improving its offer. At IBC in the Netherlands it announced a whole suite of new products (new portable receiver -GR22, car adapter – GR 227, monitoring receiver, platform and high-performance active HF antenna).

Indian and European pioneers like Inntot, Starwaves/Nedis, Cambridge Consultants and others have also come up with new and improved DRM solutions.

Silabs has announced a new complete, all-standard chipset.

And the new DRM member Rf2Digital has also come up with a new SDR car solution.

Some of these new receivers and solutions will be displayed at the first big event of 2020 – the BES conference and exhibition in New Delhi, India. We hope that demonstrations will be included at our own General Assembly in Palma de Mallorca (March 25-26).

Communication - Website, Newsletters, Press Articles, Blogs, Social Media

Our articles and blogs have reached a wider audience through prestigious publications

like Radio World, Broadcast and Cable, IEEE and ABU Technical Review.

Our Radio World blogs were very popular.

The number of tweets has increased dramatically and our stories have been reproduced by the international press. (Radio World, Asia Radio Today etc.)

The Future

In 2020 our aim is to continue our activities alongside the two main directions:

strengthen DRM presence in key markets (mainly in Asia Pacific, but also Africa, Europe) and support the development of receivers (car, standalone and mobile) in both DRM for AM (SW included) and DRM for FM. There are now diverse solutions (including SDR). What is needed is orders by countries rolling out the standard and volumes which will drive down the receiver prices.

We need you in your own companies or on your own to continue to give us your support, advice and energy. With the help of all of you, of our dedicated Project Office, of the DRM country platforms and new members (like Dolby) we hope to make 2020 into a genuine game-changer for DRM!

## **BBCWS's Gareth Mitchell is a Ham**

Southgate ARC

January 28, 2020

Gareth Mitchell M7GJM is well known as presenter of the BBC World Service show Digital Planet. He got his amateur license in

2019 thanks to help from members of Essex Ham.

Since getting his license, Gareth M7GJM has been mentioning amateur radio in his BBC World Service show, most recently, featuring how radio hams in Australia have been helping with emergency communications.

Read the Essex Ham story at

<https://www.essexham.co.uk/news/online-learning-and-exam.html>

Information on the free Foundation Online course that Gareth took is at

<https://www.essexham.co.uk/train/foundation-online/>

<http://www.southgatearc.org/news/2020/january/bbc-world-service-presenter-is-a-radio-amateur.htm>

Emotional emails & offers to crowdfund — how fans tried to keep BBC Hindi radio on air

The service fell silent last month with its last transmission on 31 January. The BBC management now plans to boost its digital and TV presence.

9 February, 2020

The Print (India)

New Delhi: It was the BBC's Hindi radio on shortwave that slowly carved an identity for the British broadcaster in India after its launch 80 years ago. With an estimated audience of 40 lakh across India, the radio service was the first choice for consumers of serious news and entertainment alike, particularly in the remote and far-flung parts of the country.

But the service fell silent last month, on 31 January, with the BBC management citing a dwindling audience and plans to boost digital and TV presence as reasons to call time on this chapter of history.

It came as a rude shock for its loyal audience and the dismay was evident, according to BBC insiders.

"It was heartbreaking to see the kind of emotional emails and letters we received on the days preceding the shutdown and after that," an insider told ThePrint. "They (the audience) pleaded to keep the service afloat. Some even said they were willing to crowdfund it. But it seems the management was interested in the numbers and the BBC Hindi radio service on shortwave was not giving them adequate numbers."

Another insider in the BBC said audience numbers for the radio service had come down from 1 crore a few years ago to about 40 lakh now, even as its presence on platforms such as YouTube thrived. The service has also established its presence on television with a tie-up with news channel NDTV.

"But in our experience the quality of news consumers is poor in digital as compared to the loyal audience that BBC Hindi radio service in shortwave enjoyed," the second insider said, basing the assessment on feedback received from both sets of audiences.

"I would say the management was insensitive to the millions of listeners in the remote corners of India who banked on the service as their daily source of news," the insider added.

The decision to switch off BBC Hindi radio is part of the British broadcaster's global cost-cutting efforts. It had planned to end the BBC Hindi radio service in 2011, but changed plans owing to massive outrage and a high-profile campaign supported by eminent journalist and author Sir Mark Tully, a former bureau chief of the BBC.

It's not just the BBC Hindi radio service that has suffered on account of this twin push to cut costs and go digital. Even BBC Urdu announced in December last year that it will

end the radio broadcast of its popular news and current affairs programme, Sairbeen.

In India, BBC also has Internet broadcasts in other Indian regional languages, but no associated radio services.

The unique challenge of India as a market

While the BBC management emphasised the fact about its dwindling audiences and its digital and TV push, experts say another reason could be the challenges India poses as a market for radio.

“Many remote parts of India are still not connected by the internet. How will they avail of BBC Hindi radio service in its digital format? For them, it is as good as over,” an official from the All India Radio engineering service told The Print.

The BBC doesn't broadcast from India and has hired transmitters in neighboring countries such as Nepal for Indian broadcasters.

“As a result, the broadcast has reportedly not been very clear and there are crackling sounds. As part of its cost-cutting measures, BBC probably wants to save on the hiring cost of the transmitters,” the official added.

The first BBC insider quoted above said, in parts of Africa, for example, the broadcaster had local language tie-ups with FM channels and hence the transmissions were clear. “But since the Indian government does not allow news and current affairs on radio channels, there could be no local tie-ups here for the Hindi service, which primarily comprised broadcasts on news and current affairs,” the insider added.

## SHORTWAVE HISTORY

## ADRIAN PETERSON'S DIARY

“In the absence of any local tie-up, the quality of voices on shortwave suffered, which could have also resulted in some loss of listenership.”

BBC had boosted J&K broadcasts after Article 370

While the BBC World Service has generally tried reducing its shortwave broadcasts, particularly in South Asia, for the aforementioned reasons, it had bolstered shortwave broadcasts in Jammu & Kashmir after the scrapping of Article 370 in August last year. This was done in light of the communication shutdown in the erstwhile state, which made phone and internet connectivity inaccessible to local residents.

BBC World Service director Jamie Angus had said at the time, “Given the shutdown of digital services and phone lines in the region, it's right for us to try and increase the provision of news on our shortwave radio services. Audiences in both India and Pakistan trust the BBC to speak with an independent voice, and we know that our reporting through several moments of crisis this year has been popular and valued by audiences who turn to us when tensions are highest.”

“Listenership for shortwave service may be on a decline. But in a world of internet shutdowns, that remains the only option for radio broadcasters to reach an audience,” the AIR official quoted above said. “Unlike the internet or FM broadcasts, shortwave signals are the least prone to jamming. The BBC had realised its potential at that time and had increased its shortwave radio broadcasts.”

## The Shortwave Scene in South American Uruguay

It was back in the year 1906 that the longwave communication station CWA was inaugurated with German Telefunken equipment near the coastal town of Cerrito on the southern coast of the South American country of Uruguay. This station was installed for communication with nearby shipping, and it was subsequently taken into use for international communication across the Rio de la Plata Estuary with nearby Buenos Aires in Argentina.

Sometime after the end of World War I, the electrical equipment at station CWA was discarded and replaced by electronic equipment that subsequently permitted international voice transmissions on shortwave. The main international radio station with which CWA communicated was the huge wireless station on the other side of the Rio Plata Estuary, station LPZ at Monte Grande, a southern suburb of the Argentine capital city, Buenos Aires. Station CWA also communicated with mobile and fixed wireless stations in several of the rural areas within Uruguay.

It was during the early 1930s that international radio broadcasting on shortwave really began to flourish in many countries around the world, and the first known program broadcasts on shortwave from Uruguay were transmitted from this coastal station, CWA, at Cerrito. For example, in June 1933 station CWA was heard in the United States with news broadcasts under the callsign CWG on 26.39 metres (11367 kHz). Shortwave channel CWG was in reality a subsidiary callsign that was in use for coastal communications, and also for the occasional part time broadcast of information and entertainment programming.

Back in those days, the shortwave stations in many countries were required to register a separate callsign for each different shortwave channel. In the mid-1930s, the Cerrito station CWA was registered with subsidiary callsigns in the alphabetic series ranging from CWA to CWI. The transmitter power was rated at 1.5 kW (probably input), thus with an output power of a little under 1 kW.

That was the very beginning of shortwave broadcasting in Uruguay, back in the early 1930s. The second occasion for shortwave broadcasting in Uruguay began in the year 1936, when the government-operated SODRE station, Radio Electrico, inaugurated a 3 kW transmitter on 6125 kHz under the callsign CXA4. As in all South American radio stations, the station slogan was more significant than the registered callsign.

During the following year (1937), an additional 20 kW transmitter was taken into service for Radio Electrico, and either of the two transmitters, 3 kW or 20 kW, could be used on any of five different shortwave channels, each under its own separate callsign. Programming on shortwave was always a relay of their mediumwave programming, and their best-known shortwave channels were 9570 kHz, and also another around 6 MHz.

The studio address for Radio Electrico SODRE was at 823 Calle Mercedes in Montevideo. SODRE radio issued an attractive QSL booklet in response to listener reception reports.

The third shortwave station in Uruguay was the original, and rather controversial, Radio Continental, CXA2, which was inaugurated with a special opening ceremony at 9 pm on Friday evening, February 19, 1937. Programming for this new station was produced and presented specifically for broadcast on shortwave; there was no

counterpart station on mediumwave for Radio Continental in Uruguay, as is frequently the case in South America.

Initial plans for this new shortwave station indicated that widespread coverage in Spanish was intended throughout Uruguay, Paraguay, and northern Argentina. Their printed program schedule showed that they were presenting news, music and advertisements, much of which was on relay from Radio Prieto LS2 in nearby Buenos Aires, Argentina. Even though they had no mediumwave counterpart in Montevideo, yet contemporary assessments back then did indicate that they were performing adequately on shortwave.

Their first temporary studio was installed at 631 Rio Negro Street in Montevideo, and their first temporary shortwave transmitter, rated at 300 watts, was installed at a temporary location in suburban Sayago. Later in that same year (1937), the studios were transferred to 1431 Calle Juan Carlos Gomez, and the transmitter was transferred into a small building at the Deus Brick Factory at 5151 Camino Carrasco in suburban La Cruz de Carrasco. A new 5 kW shortwave transmitter was also installed at this new location.

The total lifespan of shortwave Radio Continental CXA2 in Montevideo, Uruguay was rather brief. The political polarization of the various countries in continental Europe during World War II was reflected to a certain extent in some of the countries of South America, and it was suspected that Radio Continental favored the Axis powers.

During the early hours of Wednesday morning, August 5, 1942, a powerful explosion completely destroyed Radio Continental CXA2. The culprits were never apprehended, and the station was never rebuilt.

In April 1938, as the American radio magazine Radio News informs us, a total of 18 new shortwave stations with a power of 2.5 kW were licensed by the Uruguayan government. Each was owned by a mediumwave radio station located in neighboring Argentina. The sudden influx of Argentine shortwave stations into Uruguay was because the Argentine government simply refused to license any new shortwave stations in their own country.

In June 1939, another new shortwave station was inaugurated at Colonia on the Uruguayan southwest coast. This station, Radio Real de San Carlos CXA8, also took a program relay from neighboring Buenos Aires, Radio Belgrano. Radio Real CXA8 operated with 5 kW on 9640 kHz, and its secondary callsign, CXA14, operated on 11825 kHz.

Five months later (November 1939), Radio El Espectador CXA9 in Montevideo appeared on 9440 kHz with 5 kW, taking a program relay from their own mediumwave station CX14. Then, in mid-1940, another new one, CXA7, was expected to make its appearance on 11480 kHz. Then we should also remember that the American Press Wireless also operated their own shortwave station in Uruguay in the pre-war era, and it was tucked in somewhere around an outer suburban area of the capital city, Montevideo.

## **The Voice of America, Delano, California: Gone But Not Forgotten**

The powerful shortwave Voice of America relay station located near Delano in California ended its final broadcast at 8:30 pm on Saturday, October 27, 2007, and it has lain silent ever since. VOA Delano was paired with an identical station that was located near Dixon, also in California.

Both stations were hurriedly constructed and rushed into service in 1944; both gave widespread coverage into the Pacific arena; both were operated by major commercial radio organizations; and both have been closed in recent times. These two major VOA shortwave relay stations in California were located some 250 miles apart.

The main purpose for the Delano shortwave station was as a program feed for VOA programming to VOA relay stations in the Asian arena; and there were occasions when Delano filled in for times of outage at the newer VOA station in Greenville, North Carolina. In the mid-1990s, VOA Delano procured some of the usable equipment from the two VOA stations at Dixon and Bethany, at the time of their closure. At the time of its closure, VOA Delano was on the air with 23 antenna systems, and 9 shortwave transmitters (2 @ 50 kW, and 7 @ 250 kW) in two transmitter buildings.

Subsequent to its closure, several different organizations have shown an interest in obtaining the station property, though nothing has yet eventuated. Among the many proposals that have been considered are the following:

- Radio broadcasting organizations, as a production and relay station
- United States Marine Corp, as a training facility
- Establish a radio museum on the property
- Re-establish as a regional airport facility
- Redesign as a retirement center

However, in spite of all of these projected possibilities, the latest available information would suggest that VOA Delano will simply revert to its original usage as a farm property. It should also be mentioned that the area is a wildlife habitat for three

endangered species: Tipton Kangaroo Rat, Blunt-nosed Leopard Lizard, and the San Joaquin Kit Fox.

Six years ago (2014), the Antique Wireless Association, in conjunction with the Collins Collectors Association, formed what they called the Collins Radio Heritage Group, and they removed one of the half-century old Collins transmitters and re-installed it at the AWA Museum in the small town of Bloomfield in New York state. The massive 25 ft. long, 20 ton, 250 kW Collins shortwave transmitter, Model No 821A-1, was conveyed by truck and train to its 2700 miles distant new location in 128 crated boxes, large and small.

The four Brown Boveri transmitters at 250 kW each had already been removed and shipped overseas, leaving just the two remaining Collins transmitters on site. Whoever buys the land gets these transmitters as scrap metal.

We should also mention that originally the program feed for VOA Delano came from the VOA studios in New York City, and subsequently in Washington, DC, by AT&T Long-Lines telephone wires. However, after to the Cuban Crisis in 1962, VOA decided that it would be wise to implement an additional backup system of program feed from the New York studios to the Delano shortwave transmitters.

Hence, a Shortwave Receiver Station was installed for VOA Delano near Pixley, a dozen air miles further north from the transmitter site. A tract of land, 82 acres in extent, almost barren and featureless, was procured on Flannery Road, just 5 miles west of Pixley. Four rhombic antennas were installed, together with a single-hop microwave relay system.

For many years, this backup program feed from the east coast to the west coast was maintained and regularly tested, but it was never taken into regular service. In due course, satellite delivery replaced the need for the Shortwave Receiver Station at Pixley.

In this mini-series of three topics on the history of the CBS-VOA shortwave relay station near Delano in California, we have presented the half-century story of an important large shortwave relay station. Yes, this station is gone; but no, it is not

forgotten. In the QSL collections of a multitude of international radio monitors around the world are QSL cards verifying the reception of VOA Delano. In addition, one of their huge Collins transmitters is on display in that small museum in a small town near the continental east coast.

We might also add, that the story of the VOA relay station near Dixon in California is a similar story to that of the Delano station, and maybe one of these days we can present that information here

# Listener's Notebook

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Times are UTC and frequencies in kHz.

ALASKA KNLS International (Rlg) Revised complete schedule:

0800-0900 daily 6075nls English  
0800-1000 daily 7370nls Chinese  
0900-1000 daily 6120nls Russian  
1000-1100 daily 9605nls English  
1000-1100 daily 9715nls Chinese  
1100-1200 daily 9665nls Chinese  
1100-1200 daily 6045nls Russian  
1200-1300 daily 9635nls, 9665nls English  
1300-1400 daily 11670nls, 11785nls Chinese  
1400-1600 daily 11830nls Chinese  
1400-1500 daily 11670nls English  
1500-1600 daily 11755nls Russian.

Notes: 2nd transmitter is now back on the air. (WRTH Update) But reported 2nd transmitter not consequently in use. (Walter Eibl-Germany/Worldwide DX Club)

ALBANIA Transmissions from the CRI relay station at Cerrik appear to be off the air, and have not been heard for several weeks. There

are reports that some of the former Cerrik frequencies may have moved to transmitters in China. The reason for the outage is not known; suggested that the facilities at Cerrik may have been damaged by the earthquake that hit on 26 November or contract between Albania and China may have expired. (British DX Club)

Active frequencies of CRI via Cerrik:

1500-1557 on 9565 Turkish  
1600-1757 on 5970 German  
1800-1957 on 5970 French  
1800-1957 on 6055 French  
1800-1957 on 7360 French  
1800-1957 on 7385 French  
2000-2157 on 7285 English  
2200-2257 on 6175 Portuguese (DX Mix-Bulgaria)

ANTARCTICA Mail received from LRA 36, Radio Nacional Arcángel San Gabriel, they report the new email for reception reports: [tranalra36@radionacional.gov.ar](mailto:tranalra36@radionacional.gov.ar). (HCDX Manuel Mendez-Spain, 16/01/New Zealand DX Times)

ARMENIA Reception of Trans World Radio India in 31mb February 3:

1345-1420 on 9300 ERV Hindi Mon-Fri, good &

1420-1424 on 9300 ERV English Mon-Fri, good

Again wrong A-19 summer time announcement: Mon-Fri 1535-1540 on 9300 (DX Mix-Bulgaria)

6130, Bible Voice Broadcasting, via Yerevan, QSL in 18 weeks for e-report to: mail@bvbroadcasting.org. (Artur Fernández Llorella-Spain/DX Fanzine)

AUSTRALIA 5055, Feb 3, 1106, Radio 4KZ. Was able to easily ID five consecutive pop songs. A great day for them! On Feb 4, noted cut off at 1235\*. (Ron Howard-CA/Shortwave Bulletin)

9770, Reach Beyond Australia,, E-QSL in 5 days for e-report to info@reachbeyond.org. v/s Margaret Penford, Listener correspondent. (Artur Fernández Llorella-Spain/PlayDX)

11905, Reach Beyond Australia Kununurra. Full data eQSL received in 1day for a report with recording emailed to radio@reachbeyond.org.au. (David Smith-UK/British DX Club)

AUSTRIA Fair/good signal of Oesterreichischer Rundfunk, January 27:

0600-0720 on 6155 MOS German Mon-Fri

0600-0710 on 6155 MOS German Sat/Sun (DX Mix-Bulgaria)

Reception of Radio DARC#259 via ORS Moosbrunn on February 2:

1000-1100 on 6070 German Sun, very good (DX Mix-Bulgaria)

BHUTAN 6035, BBS, 1037\*, Jan 28. Cut off during pop song; weak. (Ron Howard-CA)

BOLIVIA 5952.458 measured, looks like Emisoras Pio XII is back with strong carrier, but weak audio at 0235 on 26 Jan 2020 from Victoria, BC. Not sure when I last saw them reported. (Walt Salmaniw-BC/DXplorer) Yes. Heard earlier this evening with fair signal. John Fisher and I are currently at a semi-rural location just east of the city of Armenia in Colombia. Will be here until Tuesday morning and doing (mostly MW) DX. I did not hear any sign of Bolivians Radio Panamericana (6105 and also supposedly on) or Radio Santa Cruz (6135v). Good signals from Radio Tarma 4775v and Radio Chazuta 4810 (using LSB to escape ute). (Don Moore-Colombia/DXplorer)

BOTSWANA 12074.995, VoA French sce to Africa at 2020, of AGM United States Agency for Global Media (USAGM). S=8 in Europe. (wb df5sx, wwdxc BC-DX TopNews Feb 2)

BRAZIL 3365, Radio Cultura? I was wondering if it was Radio Cultura what I heard last night on 3365 with a sudden close down shortly after midnight. The signal was very weak here so I could only guess it was in Portuguese. Date and time: January 26/27, 2345-0005. (Karel-Honzik-CZE, hcdx Jan 27) 3365, Radio Cultura uses the 90 mb signals this time each year, when the city's soccer team (FC Ferroviaria) plays the annual state soccer championship. A strong signal was heard here in Sao Bernardo (close to Sao Paulo) yesterday. The 90 m signal is kept in the air only during the football match. The signal is then deactivated. (Rudolf Grimm-Brazil Jan 27/TopNews)

9630, Rádio Aparecida, QSL in 7 weeks for e-report to encontrodix@gmail.com. v/s

Cassiano A. Macedo. (Artur Fernández Llorella-Spain/PlayDX) 9630, Encontro DX via Rádio Aparecida E-QSL in 3 days for e-report to py1pdf.rj@gmail.com v/s Francisco Jacson. (Artur Fernández Llorella-Spain/DX Fanzine)

BULGARIA IRRS Radio Warra Wangeelaa via SPL Secretbrod, February 1:

1500-1530 on 15515 Oromo Sat, good signal (DX Mix-Bulgaria)

Radio Dabanga in 25mb via SPL Secretbrod on February 18:

1529-1627 on 11640 Darfur Arabic, very good (DX Mix-Bulgaria)

CANADA 3330, CHU QSL in 12 days for e-report to radio.chu@nrc-cnrc.gc.ca. (Artur Fernández Llorella-Spain/DX Fanzine)

CHINA Frequency changes of CNR1 in DRM mode effective from January 19

0400-0800 NF 13810 KUN 030 kW / 032 deg to EaAs Chinese, ex 17800

0800-1100 NF 13810 KUN 030 kW / 032 deg to EaAs Chinese, ex 15180. New frequency 15180 is not registered in HFCC B-19 Database! (DX Mix-Bulgaria)

CLANDESTINE Reception of Voice of Oromo Liberation via MBR Nauen February 16:

1700-1730 on 9610 NAU Afan Oromo Fri/Sun, very good (DX Mix-Bulgaria)

Good signal of Eye Radio via TDF Issoudun, February 19:

1600-1700 on 15410 Juba Arabic\* Mon-Fri

\* including other langs English/Dinka/Nuer/Shilluk/Bari/Zande/Lu toho (DX Mix-Bulgaria)

Denge Welat on 13730 // 11530 kHz both via Grigoriopol February 14

0600-0800 on 13730 KCH Kurdish-addit.//11530 Grigoriopol

0800-1200 on 11530 KCH Kurdish-addit.//13730 Grigoriopol

1200-1300 on 13730 KCH Kurdish-addit.//11530 Grigoriopol

Full updated schedule of Denge Welat via Issoudun & Grigoriopol from February 13:

0230-0330 on 7360 ISS replaces 21-22

0330-0559 on 7360 ISS Kurdish, unregistered in B19 HFCC

0600-1300 on 13730 KCH Kurdish, unregistered in B19 HFCC

0600-1500 on 11530 KCH Kurdish, as scheduled Grigoriopol

1500-1601 on 11530 ISS Kurdish, B19 HFCC via Grigoriopol

1559-2059 on 9525 ISS Kurdish and Denge Welat off air!!

2100-2159 on 9525 ISS Kurdish is canceled - NO SIGNAL!

14-02-2020 BRB Denge Welat in Kurdish to WeAs 1600 on 9525, 11530 Issoudun (DX Mix-Bulgaria)

Manara Radio International via TDF Issoudun, February 14:

0700-0800 on 13710 ISS Hausa, fair signal (DX Mix-Bulgaria)

Frequency changes of JSR Shiokaze Sea Breeze February 4:

1300-1400 NF 6145 YAM, ex 7310 // freq. at same time NF 245 YAM, ex 7345 as follows:

1300-1330 Japanese Mon/Tue/Sat/Sun; Korean Wed/Fri; English Thu

1330-1400 Korean Wed/Fri/Sat/Sun; Japanese Mon/Tue; English Thu (DX Mix-Bulgaria)

Frequency changes of Furusato no Kaze via JSR Shiokaze February 4:

1405-1435 NF 6070 YAM Japanese, ex 6085

1405-1435 NF 7325 YAM Japanese, ex 7260 (DX Mix-Bulgaria)

Radio Ndarason Int via Woofferton/Ascension, February 5:

0600-0700 on 9535 WOF Kanuri, good signal

0700-0800 on 9535 ASC Kanuri, fair signal (DX Mix-Bulgaria)

Dimtse Radio Erena in 31mb via SPL Secretbrod February 10:

1700-1800 on 9720 Tigrinya/Arabic, very good (DX Mix-Bulgaria)

Iran International TV (New Entry) + Bldg 11, 1st Floor, Chiswick Business Park, 566 Chiswick High Rd, London W4 5YA, United Kingdom. E: [info@iranintl.com](mailto:info@iranintl.com) W: [iranintl.com](http://iranintl.com) Winter schedule 2019/2020

Farsi 0400-1000 daily on 11560erv\* 1000-1200 Tu/Thu/Sat/Sun on 11560erv\* 1100-

0400 daily on 801dsb 1200-0400 daily on 6270tac\* 1500-1600 daily on 1395erv 1745-0300 daily on 1395erv Key: \* Frequency variable to avoid jamming. (WRTH Update)

9490, R Republica via TDF Issoudun France, WRMI brokered. Received confirmation in the form of a letter from Radio Republica. Sent a report to [info@directorio.org](mailto:info@directorio.org). (Pavel Ivanov-Russia deneb-radio-dx & open-dx, via RUSdx #1064 via wwdxc BC-DX TopNews Jan 19)

CONGO (DEM. REP.) 6210, Radio Kahuzi, QSL in 11 weeks for e-report to [radiokahuzi@sbcglobal.net](mailto:radiokahuzi@sbcglobal.net). v/s Barbara Smith. (Artur Fernández Llorella-Spain/PlayDX) 6210, R Kahuzi. Bernt-Ivan Holmberg: received a nice e-mail verification from R Kahuzi. "Good morning, Holmberg Family, Yes, indeed, you have the sounds of Radio Kahuzi! I will forward your report to Richard McDonald, Station Manager and the radio staff to listen and enjoy. I am Richard's sister and the volunteer home office for 33 years and in charge of creating the QSL Cards and response packets. I will add your to the growing pile as recently there has been much activity all over the world. Thank you so much for your photo of your beautiful family. Keep Looking Up! Barbara Smith, Secretary BESI / Radio Kahuzi Radio Kahuzi [www.facebook.com/radio.kahuzi](http://www.facebook.com/radio.kahuzi)." (Shortwave Bulletin)

DENMARK Radio Oz-Viola English at 1200-1400 Sat/Sun on 5825hil (ex. 1300-1600). (WRTH Update)

ECUADOR 6050, HCJB at 0131 in Quechua w/ Andean pipe instrumentals and a woman with talk, male vocals w/ Andean pipe accompaniment to 0136, more Andean pipe instrumentals to 0137, a male preacher w/ Andean pipe and organ music bridges. Fair with heavy fading Feb 2. (Mark Coady-Canada, hcdx/TopNews)

EGYPT Unscheduled broadcast of Radio Cairo Holy Quran, February 4:

from 1000 on 9540 ABS Arabic, fair signal

1800-1900 on 9540 ABS Italian in HFCC B19 (DX Mix-Bulgaria)

Unscheduled broadcast of Radio Cairo Holy Quran on 9540 kHz, February 4

1008-1033 on 9540 ABS Ar Holy Quran, weak/fair & off.

1800-1900 on 9540 ABS Italian HFCC B-19, BUT INACTIVE (DX Mix-Bulgaria)

EQUATORIAL GUINEA 5005, Radio Nacional de Guinea Ecuatorial, Bata has been off air for a month. Not heard since 21 Dec in the early morning, when it usually opened transmission at about 0515 with African, Afropop and Spanish songs and news bulletin at 0601, all in Spanish. (Manuel Méndez-Spain 21 Jan/British DX Club)

ESWATINI (Swaziland) HFCC registrations show that TWR has significantly reduced its shortwave broadcasts since 8 January. This includes cuts to transmissions from TWR Africa (Swaziland/Eswatini) and from TWR Asia (KTWR Guam). English from TWR Africa (Manzini) is now scheduled on SW as follows: 1420-1455 daily on 7300-man 1802-1902 Sunday on 9500-man 1802-1847 Saturday on 9500-man. (British DX Club)

FINLAND 11720, Scandinavian Weekend Radio, E-QSL in 1 week for e-report to info@swradio.net. v/s Tapani Häkkinen. (Artur Fernández Llorella-Spain/PlayDX)

FRANCE Transmitter changes changes of Radio Tamazuj as February 1:

0329-0427 on 6005 ISS Juba Arabic, ex via MDC (DX Mix-Bulgaria)

13660, Alameda Bible Fellowship via Issoudun full detailed E-letter in 9 weeks for e-report to oneaccordonemouth@gmail.com v/s Brother Brad Cowan. (Artur Fernández Llorella-Spain/DX Fanzine)

GERMANY The Voices of IBC (Italian Broadcasting Corporation) back on shortwave 3975 and 6160! As from 15th February 2020 a new programme in Italian "Scorribande" will be carried over the air throughout the 1 kW transmitters of Shortwave Radio from Germany as follows. On Saturdays 2200-2300 on 3975; On Sundays 0900-1000 on 3975 and 6160; On Mondays 1000-1100 on 3975 and 6160; 1600-1700 on 3975; 2100- 2200 on 3975. On Wednesdays 1300-1400 on 3975 and 6160. Reception reports welcome and verified with the official QSL of Shortwave Radio! Our e-mail address: scorribande@shortwaveradio.de. (DX Fanzine)

Good signal of DWD Deutscher Wetterdienst February 12:

0600-0630 on 5905 PIN German AM mode

0600-0630 on 6180 PIN German AM mode (DX Mix-Bulgaria)

HCJB - Voice of The Andes via MBR Nauen on February 15:

1529-1601 on 9500 Russian Sat, very good

1601-1629 on 9500 Chechen Sat, weak/fair (DX Mix-Bulgaria)

Pan American Broadcasting PAB via MBR Nauen, February 2:

1430-1445 on 11800 English Sun, very good (DX Mix-Bulgaria)

Reception of Bible Voice Broadcasting via MBR Nauen February 15:

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

Shortwave Radfio: Revised complete schedule in English:

0900-1500 daily on 3975wis  
0900-1800 daily on 6160wis  
1800-2400 daily on 3975wis (WRTH Update)

9500, MBR Nauen Germany site. HCJB Voice of the Andes. A new QSL card was received from the Voice of the Andes from Voronezh for the report dated Dec 14, 2019. The station also sent a personal letter, a Merry Christmas and a Happy New Year 2020, pocket calendars. The envelope was sent from Voronezh on Dec 20, 2019. Received from the station QSL card, letter. Russian Email: mks@intercon.ru. mks7777777@gmail.com. Response received January 17, 2020. (Dmitry Elagin-Russia deneb-radio-dx via RUSdx #1064 via wwdxc BC-DX TopNews Jan 19)

GUAM QSL TWR Guam, Trans World Radio with two letters from Hong Kong and from Guam confirmed the report on receiving DRM broadcast of Dec 4, 2019. The envelopes included broadcast schedules, religious booklets, station site cards, and TWR stickers. The date of sending both envelopes simultaneously December 11, 2019. (Dmitry Elagin-Russia deneb-radio-dx via RUSdx #1064 via wwdxc BC-DX TopNews Jan 19)

HOLLAND Radio Onda Revised complete schedule Portuguese/French/ English

0800-1700 Sat/Sun 5940bor (ex 6060). FPL: Increasing transmitter power to license limit (500W). (WRTH Update)

Rádio Onda launches on SW 5940 playing Brazilian music. Currently its broadcasting on shortwave on Sat and Sun only at 0800-1700 and is heard with good reception. Radio Onda is listed in the 2020 WRTH under Belgium on page 459/460. Its SW licence is for 500 W from a site in the Netherlands. Transmitter power currently is under 100W but operator Julio Roth is hoping to upgrade. Julio welcomes reception reports to info@radioonda.be and will send a printed QSL if you supply a postal address. (Alan Pennington-UK, Allen Dean-UK/British DX Club)

5940, Radio Onda, Borculo received QSL card via snail mail in 10 days. Reception report sent via email to: info@radioonda.be. (Manuel Méndez-Spain/Shortwave Bulletin)

INDIA I have contacted AIR Aizawl just now. They are using only 2 kW now (instead of 10 kW). Tomorrow they will increase the power some more. The schedule is 5050 on 0025-0400, 1130-1630 and 7295 on 0700-1000 Reports to aizawl@prasarbharati.gov.in. (Jose Jacob, VU2JOS DX\_India 3 January/British DX Club)

INDONESIA Radio Listeners Club Indonesia member Lien Jin in Jakarta confirms that Voice of Indonesia is transmitting from Palangkaraya with 50 kW and 4750 is from Cimanggis with 10 kW. The 4750 transmitter was moved from Makassar to Cimanggis. This info comes from VOI technical manager Syafrudin who has invited Lien Jin to visit the Cimanggis transmitter. (David Foster-Australia/DXplorer)

The two SW transmitters which carry Voice of Indonesia on 3325 (Palang Karaya) and 4750 (Cimmaggis) (both formerly used for RRI domestic services) have been refurbished. Transmitter engineer Syafruddin Asb posted a number of photos of work in progress on the WRTH Facebook

pages on 14 January and I have since confirmed both frequencies with excellent audio using SDRs in Indonesia and SE Asia. The nominal schedule is: 1000-1100 English\*\* 1100-1200 Chinese 1200-1300 Japanese 1300-1400 English 1400-1500 Indonesian 1500-1600 Chinese 1600-1700 Arabic 1700-1800 Spanish 1800-1900 German 1900-2000 Dutch 2000-2100 French 2100-2200 English 2230-2300 Japanese\*\* (\*\* s/on and s/off times are variable) (British DX Club)

3325 (via Palangkaraya) // 4749.95 (via Cimanggis/Jakarta), Voice of Indonesia. Thanks very much to David Foster's posting that the 4750 transmitter was moved from Makassar to Cimanggis, Feb 13, from 1108 to past 1326+. From 1108 till 1205\*, NBC Bougainville (3325) mixing with about equal strength to VOI's signal; a mess; after 1205, VOI on 3325 was in the clear in Japanese. Today with the greatly improved signal, was able to tell VOI was actually about 4749.95, matching the former frequency of the Makassar transmitter now at Cimanggis. After 1300, the English segment was well heard on 3325; news and "Today's Commentary"; "Today In History". Outstanding reception. Fairly readable! (Ron Howard-CA)

IRAN PARS TODAY (Voice of the Islamic Republic of Iran) (Gov)

Arabic 1030-1430 daily 9530zah (ex 9440)

English 1520-1620 daily 7445sir (ex 7530)

French 1920-2020 daily 6130sir (ex 1820-1920)

German 1720-1820 daily 6055sir (del), 7295sir (ex 7425)

Hindi 1420-1520 daily 7445sir (ex 7300)

Italian 1750-1820 daily 6190sir (del) 1750-1820 daily 6135sir (ex 1920-1950)

Russian 1650-1750 daily 9835sir (ex 1320-1420) (WRTH Update)

6090, VOIRI at 0128 in Spanish with a telephone interview, brief ME string instrumentals, a woman with talk, ID at 0130, woman with news headlines. Fair with fading Feb 2. (Mark Coady-Canada hcdx/TopNews) Feb 3)

KOREA (South) KBS Hanminjok Bangsong 1, on 6015, again with N. Korea jamming (the holiday is over!), at 1050 on Feb 17. (Ron Howard-CA)

Voice of the People: 3485 // 3915 // 3930 // 4450 // 6520 // 6600, at 1046 on Feb 17 (Ron Howard-CA)

Echo of Hope - VOH: 3990 // 4885 // 6000 // 6250 // 6355 // 9100, at 1043 on Feb 17. (Ron Howard-CA)

Voice of Freedom, on 5920, at 1300, with the usual good reception (no jamming). Am unable to understand what happened to the jamming that had been assigned to block VOF? Up to Dec 19, both VOF and strong N. Korea noise jamming had been on 6045 together; then on Dec 19, VOF moved down to 5920 to get away from the jamming. For some reason the jamming remained on 6045 for a long time; then on Feb 14, the jamming was finally gone from 6045, but didn't move down to 5920 to block VOF, instead showed up on 6135 (Ron Howard-CA)

KUWAIT 11795, Radio Free Asia F/D "Year of the Rat" card in 13 days for report on website <http://techweb.rfa.org/>. (Jürgen Waga-Germany/DX Fanzine)

LUXEMBOURG 6030, Eifel Radio Tage via BCE Junglinster. QSL received in 8 days for report

in French sent to: Eugene\_Muller@bce.lu.  
(Christian Ghibaudo-France/British DX Club)

MADAGASCAR Madagascar World Voice (Rlg)  
in English

2000-2100 daily on 11965mwv (add) (WRTH  
Update)

Reception of Radio Tamazuj via Talata  
Volonondry on February 18:

1459-1557 on 11705 Juba Arabic, fair/good  
including

1545-1556 on 11705 English Tue/Fri,  
fair/good (DX Mix-Bulgaria)

MALAYSIA 9835, Sarawak FM, via Kajang,  
1242+, Feb 18. Coverage of the 63rd national  
level Qur'an Recital and Memorization  
Competition; a notable event due to women  
reciting from the Qur'an; done in segments  
of about 10 minutes; mostly good reception;  
preempted the regular programs. Not // Wai  
FM (11665). (Ron Howard-CA)

11890, Radio Nyawa Sarawak (per Aoki, site  
is Tashkent), 1117 till cut off in mid-  
sentence at 1158\*, Feb 19 (Wednesday).  
Have been monitoring this Mon-Wed-Fri  
broadcast and today is only the second time  
I have found audio above threshold level, so  
a rare reception for me; many phone calls in  
vernacular; happy to find this is not jammed;  
matched audio streaming at their website.  
(Ron Howard-CA) Disappointingly not  
Malaysia so this will be listed under  
Uzbekistan or Clandestine in the future.  
(RAD)

MALI China Radio International via Bamako  
in 16mb, February 10:

1300-1357 on 17880 French, weak to fair

1400-1557 on 17630 English-fair to good (DX  
Mix-Bulgaria)

13685/17630, China Radio International via  
Bamako, QSL in 1 month for e-report to CRI  
English Service. v/s Ying Lian. (Artur  
Fernández Llorella-Spain/DX Fanzine)

MONGOLIA QSL Voice of Mongolia. A new QSL  
card was received from the English section of  
the Voice of Mongolia for a report dated No  
8, 2019. This time the card was not filled  
with data from the report. (Dmitry Elagin,  
Saratov-RUS, deneb-radio-dx via RUSdx  
#1064 via wwdxc BC-DX TopNews Jan 19)

QSL 6005. Voice Of Mongolia English Service.  
Email acknowledgment received within a few  
hours (plus on-air name check my email read  
out next day in 'Mailbox' program). QSL  
received snail-mail in 7 days. Report (plus  
log notes from other dates) sent by email to  
vom\_en@yahoo.com. (Albert Ford-  
UK/British DX Club)

MYANMAR. 5985, Myanmar Radio. On Feb 11,  
with very respectable signal and fairly  
readable; interesting programs for the  
segment in English (1530-1558). 1530-1543:  
News 1543: Weather and "Myanmar Radio"  
ID. 1547: Youngsters singing the "Peace"  
song. 1550: Public Service Announcement  
1554: Very nice promo for World Radio Day;  
into "Voice of ASEAN, Beyond Boundaries"  
program. (Ron Howard-CA)

NEW ZEALAND Radio New Zealand  
International (Pub) in English

1000-1300 daily on 6115ran (ex 9765/9700)

1650-1900 Sat on 9700ran (ex 6115)

1750-1850 Mon-Fri/Sun on 9780ran+ (ex  
11690)

1850-1950 Mon-Fri/Sun on 11690ran+ (ex 13840)

1900-2000 Sat on 11725ran (ex 6115) Key: + DRM (WRTH Update)

9765, RNZ Pacific, Rangitaiki. Full data e-QSL received in 1day for a report through their website

<https://www.rnz.co.nz/international/qsl>.

(David Smith-UK/British DX Club)

NORTHERN MARIANA ISLANDS 9985, Radio Free Asia via Saipan, QSL in 8 days. Report in English sent to: [qsl@rfa.org](mailto:qsl@rfa.org). (Christian Ghibaud-France/DX Fanzine)

NORWAY 5985, KKB LLE Bergen Kringkaster QSL in 5 weeks for e-report to [report@bergenkringkaster.no](mailto:report@bergenkringkaster.no). (Artur Fernández Llorella-Italy/DX Fanzine)

OMAN Radio Sultanate of Oman (Pub)  
Revised complete schedule:

0000-1000 daily on 11760thu† Arabic  
1400-1500 daily on 15140thu† English  
1500-2200 daily on 15140thu† Arabic  
2200-2400 daily on 9740thu† Arabic

Key: † Irregular (WRTH Update)

Radio Sultanate of Oman in Arabic at 1425 on 15140 February 6:

1000-1400 on 15145 THU Arabic inactive at present

1400-1420 on 15140 THU NOTHING-TRANSMITTER IS OFF

1420-1425 on 15140 THU OPEN CARRIER / DEAD AIR &

from 1425 on 15140 THU Arabic, instead of English

from 1445 on 15140 THU TRANSMITTER IS OFF AGAIN! Something's always wrong at R. Sultanate of Oman Thumrayt transmitting stn! (DX Mix-Bulgaria)

PAPUA NEW GUINEA (Bougainville) 3325, NBC Bougainville, 1117-1206\*, Jan 28. Decent reception; DJ in Pidgin playing pop songs; 1155 TC and "Tuesday night, 28 January 20-20, NBC Bougainville, Maus Blong Sankamap. Broadcast on 3,325 in 90 meter band, shortwaveone and 95.5 megahertz in the FM band"; 1200, news in English. BTW - NBC Madang (3260) has been silent for several day. (Ron Howard-CA)

PERU 4747.6, Feb 2, 2239 R. Huanta 2000, Huanta. Cast, rlg. propag., anns., songs, stn sl. R. Huanta 2000 - ;Una Experiencia Diferente! 35433. (Carlos Gonçalves-Portugal/Shortwave Bulletin) 4774.91, OCX4E Radio Tarma, Tarma. e-QSL received in 6 days for email report in Spanish sent with mp3 recording to [gerenciageneral@grupomonteverde.com](mailto:gerenciageneral@grupomonteverde.com). Station also sent studio recording of their top of the hour ID plus information sheets. v/s Mario Monteverde Pomareda (Gerente General). (Alan Pennington-UK, BrDXC-UK 'Communication' magazine Jan 2020/TopNews)

PHILIPPINES 12095, FEBC, E-QSL in 1 day for e-report to [norie.estabillo@febc.ph](mailto:norie.estabillo@febc.ph). v/s Norie Estabillo. (Artur Fernández Llorella-Spain/PlayDX)

ROMANIA Radio Romania International (Pub) in English

2300-2400 daily on 9620tig (ex 6050) Notes: The faulty transmitter at the Tiganesti site has been repaired and is now back on the air. (WRTH Update)

Radio City The Station of the Cars via Saftica February 8:

0900-1000 on 9510 German Sat, good signal (DX Mix-Bulgaria)

SAUDI ARABIA BSKSA Radio Saudi International in 13mb, February 7:

0900-1200 on 21670 RIY Indonesian, fair (DX Mix-Bulgaria)

SINGAPORE 6195, BBC at 1139 in English, interview. Very poor, Feb. 19. (Harold Sellers-BC /DXplorer)

SUDAN 9505, 17.01.20, 1638-1650, Voice of Africa, Al Aitahab, FF: NX+TK+ID PX "Le Magazine economique", East African songs. 34433. (Manuel Méndez-Spain/DX Fanzine)

TAIWAN Noted 1330 a good opening into Asia. Several CRI frequencies were very good including 9550, 9630 & 9730 w/programs in English. Also heard was FEBC- Philippines on 9275 (fair), AIR- India on 9865 (poor) and possible Fuasato no Kaze -Taiwan on 9530 (very weak). The tentative highlight was 9200 // 9155 Sound of Hope - Taiwan both frequencies with good signals and pretty clear audio. Definite flutter effect was noted. Programming appeared to be different than any CRI or CNR outlets being heard. The sound of the audio and the tone of the announcers seemed different than what I have heard over the years out of China. There was a lively phone conversation going on with some laughter and what sounded to me to be familiar banter. Having very limited experience with Mandarin, of course, could not be 100% sure that Sound of Hope was what I was hearing. It just seemed different to my ears than what normally comes for mainland China. Sound of Hope is not heard here very often so if this was what I was hearing I would consider it a good catch. (Stephen C Wood-MA)

THAILAND Radio Thailand World Service (HSK9) (Gov)

German 2000-2015 daily on 7475udo (ex English)

Japanese 1300-1315 daily on 9940udo (ex English)

Vietnamese 1100-1115 daily on 5875udo (ex Malay) (WRTH Update)

9920, Radio Thailand, QSL in 5 weeks for e-report to radiothailand@outlook.com. (Artur Fernández Llorella-Spain/PlayDX) Updated e-mail address for reception reports. (RAD)

TURKEY Voice of Turkey in Azeri on unscheduled 11530 kHz, February 3:

0800-0855 on 11530 EMR Azeri, instead of 11710

0600-0800 on 11530 KCH Kurdish BRB Denge Welat (DX Mix-Bulgaria)

UNITED ARAB EMIRATES QSL Gaweylon Tibetan Radio. Received a new QSL card from Gaweylon Tibetan Radio for a report on Dec 10, 2019. A preliminary confirmation email was received. Gaweylon Tibetan Radio Station, Frequency 15215, 1230-1300. United Arab Emirates, via ENC Encompass Digital Media Services relay site at Al Dhabbaya-UAE. English Email: gaweylon@gmail.com info@gaweylon.com. Answer received January 17, 2020. (Dmitry Elagin, Saratov-Russia, deneb-radio-dx via RUSdx #1064 via wwdxc BC-DX TopNews Jan 19)

13630, VOA Dhabbaya, E-QSL in 7 days for e-report to qsl@usagm.gov. (Artur Fernández Llorella-Spain/DX Fanzine)

UNITED KINGDOM BBC Hindi drops shortwave Along with the closure of the BBC Urdu service on shortwave at the end of December the BBC Hindi service has also ended its SW

transmissions. From 31 December the 0100-0130 Hindi broadcast was canceled, with one other Hindi broadcast remaining on SW & MW (1400-1430 on 1413-sla 5875- tac 9510-sng 9540-sla 11995-sng). However this too is expected to end from 31 January with BBC Hindi, along with BBC Urdu in future concentrating on television and online output. (British DX Club)

USA WMLK: I see all this "happy talk" about WMLK installing a 300kW transmitter, antenna repairs, etc., but it appears to be a slow go for them. I drive past their transmitter site, directly adjacent to I-78, about once every 10 days it seems. The antenna in place looks intact; it is now a vertical curtain antenna strung between two poles. No obvious rips / missing wires visible. However I do not see any significant activity at the transmitter building adjacent to the towers. I've seen no equipment crates or anything else suggest equipment coming or going. Another slightly worrisome item is that the warning lights on top of the two antenna towers don't appear to be currently active. I don't know if the tower height isn't high enough to warrant having the red lights or strobes, but when I travel past in the evenings they aren't illuminated. WMLK's website is not currently active. (Rich Cuff-PA)

WMLK, the Assemblies of Yahweh international shortwave radio station, is currently being updated and improved. The original transmitter broadcast for 15 years. A new antenna has been constructed using the existing towers. Then, in 2000, a used BBC 250,000-watt transmitter was purchased and renovated. On March 22, 2017, the BBC transmitter was damaged by a devastating transformer fire. A new, state-of-the-art transmitter is being built that will incorporate the latest technology that will deliver a clear, crisp sound with the greatest efficiency available. As we all know,

electricity costs have greatly increased; consequently, the higher efficiency will allow us to broadcast more – for less money. Also, the new transmitter will broadcast 300,000 watts of power. (Sacred Name Broadcaster)

Radio Tumbril (Encore - Classical Music) (New Entry) + Based in Scotland and E: [encoretumbril@gmail.com](mailto:encoretumbril@gmail.com).

Winter schedule 2019/2020 English 0100-0200 Mon on 7490bcq 1500-1600 Sun on 6070rob 1900-2000 Fri on 6070rob\* 2100-2200 Sat on 9350wcr. Key: \* Repeat of 1100 broadcast. V: eQSL-card. Notes: On SW since March 2019. Additional prgr repeats may occasionally be heard. (WRTH Update)

WLC Radio (Rlg) (New Entry) + 221 E 21st St, Cheyenne, WY 82001, USA. E: [galal@worldslastchance.com](mailto:galal@worldslastchance.com) W: [www.worldslastchance.com](http://www.worldslastchance.com) Winter schedule 2019/2020

Arabic 1900-2200 daily on 9300bcq†

English 0100-0900 daily on 9330bcq† 1400-1600 daily on 9330bcq† 1600-1800 daily on 9330bcq†

German 1800-1900 daily on 9330bcq†

Portuguese 0900-1000 daily on 9330bcq† 2300-0100 daily on 9330bcq†

Spanish 1000-1100 daily on 9300bcq† 1100-1300 daily on 9300bcq† 1300-1400 daily on 9300bcq† Key: † Transmissions irregular, at time of publication. Notes: On SW since 8 July 2019. Produced by World's Last Chance, LLC. (WRTH Update)

7505, WRNO Worldwide, QSL in 17 days. Report in English sent to: [wrnoworldwide@mailup.net](mailto:wrnoworldwide@mailup.net). (Christian Ghibaudo-France/DX Fanzine)

7780, Radio For Peace International via Okeechobee, QSL in 14 days. Report in French sent to: qsl@rfpi.eu. (Christian Ghibaud-France/DX Fanzine) 15770, Radio For Peace International via Okeechobee, QSL in 1 month for e-report to qsl@rfpi.eu v/s Sylvain. (Artur Fernández Llorella-Spain/DX Fanzine)

9395, WRMI, QSL in 11 weeks for e-report to wrmiqsl@gmail.com. (Artur Fernández Llorella-Spain/DX Fanzine)

UZBEKISTAN TWR India via RRTM Telecom Tashkent, February 7

1545-1600 on 6240 Kazakh, fair signal (DX Mix-Bulgaria)

BVBroadcasting via RRTM Telecom Tashkent February 1:

1300-1315 on 7555 DB English Sat, weak/fair

1315-1345 on 7555 DB Korean Sat, weak/fair (DX Mix-Bulgaria)

6240, QSL received (in 55 days) QSL card for reception "Bible Voice Broadcasting" (6240 via RRTM Telecom Tashkent Uzbekistan bcst center), in Urdu language. Report was sent to: mail@vnbroadcasting.org. (Ivan Zelenyi-Russia, hcdx Jan 31/TopNews)

VANUATU 5040, Radio Vanuatu was off the air Feb 10-11-12. A possible explanation might be that tropical cyclone Uesi was nearby. Feb 14 - heard RV on 5040 with

decent reception (1002-1059:49\*); news in vernacular (items about "candidates" [Vanuatu general elections to be held March 19], "cyclone Uesi... weather forecast", etc.); 1028-1044, preaching in vernacular; 1044+, religious songs till ID and NA. (Ron Howard-CA)

7260, Radio Vanuatu. Heard them Feb 15, from 0610 till sign off at 0630\*. Many nice IDs for "Radio Vanuatu" and also "Radio Vanuatu, Vois Blong Yumi." Enjoyed a lot of indigenous music. Mostly poor reception. Thanks to Manuel Méndez for heads up about the closing time. (Ron Howard-CA)

VATICAN 6185 & 7360, QSL Santa Maria di Galeria bc center. QSL-card Radio Vaticana. Programma Russo. 12 June 2019, 1620-1639. (Anatoly Klepov-Russia RUSdx #1067 via wwdxc BC-DX TopNews Feb 9)

VIETNAM 7280, QSL Voice of Vietnam, Son'tay transmitter site on 7280 French service. QSL received in 31 days for report sent to vovhanoi.france@gmail.com. (Jacques Augustin Rosny-sous-Bois-FRA, via BrDXC-UK 'Communication' magazine Jan 2020/To[News])

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



# Pirate Radio Report

George Zeller • 3492 West 123<sup>rd</sup> Street • Cleveland, OH 44111 • [georgez@nacs.net](mailto:georgez@nacs.net)

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Shortwave pirate broadcasting continued at a very brisk pace once again during the past couple of months. Pirate broadcasting inevitably increases around major North American holidays. The main holiday in March this year, St. Patrick's Day, falls on Tuesday, March 17. While not really an observed holiday, another major date this month is March 20, the first day of Spring in North America. This means that darkness propagation paths on a daily basis start to shrink. Seasonal static levels on the shortwave bands therefore begin a period of increase that will last through summer.

We have to begin this month with the huge official news that "Preventing Illegal Radio Abuse Through Enforcement" act, with an acronym of the "Pirate Act" is now law in the United States. Its official title is HR 583. This bill would provide for fines of pirate radio stations of \$100,000 per day, with a maximum fine of \$2 million. On January 24, President Trump signed this legislation into law.

Radio World pointed out that their interpretation of the bill was that it applies to "AM and FM stations. It appears that this also applies to shortwave stations in the United States, but the mechanism by which the FCC intends to enforce the new law will remain to be seen, via our Executive Director Rich D'Angelo in PA.

The full text of the Pirate Act as signed by President Trump is on the internet at:

<https://www.congress.gov/116/bills/hr583/BILLS-116hr583rfs.pdf>

Pirate busts by the FCC during the past month were mostly concentrated in the New York City metro area and in Florida as usual. This month we again omit the individual bust notices issued by the FCC. Some recent FM busts continued to be of both pirate operators and their landlords. Once again this month the FCC appears to have issued no citations to shortwave pirates in the United States, despite dozens of such actions against FM pirates. None of the newly authorized \$2 million fines have been assessed by the deadline date for this column in late February.

It was very good seeing many of you at this month's NASWA Winter SWL Fest in Plymouth Meeting, PA. A good time was had by all, and the pirate DXing side of our hobby was once again well represented at this traditional event. The timing of this year's Fest has caused a decrease in our loggings coverage this month. We will catch up on that next month, when we will no longer need coverage of the Pirate Act's trip through Congress and the White House.

A highlight of this year's Fest was the announcement of this year's class of new members who have been voted in to the North American Pirate Radio Hall of Fame. In an unusual move, only one station, Northwoods Radio, operated by Jack Pine Savage, was inducted into the Hall of Fame this year.

Your pirate DX news and logs for this column are always welcome. Feel free to send them in so that others can follow trends on how and where others are hearing unscheduled and ever-changing pirate radio operations on shortwave. Modes are USB unless listed.

Channel Z R.- 6925 AM 1607-1726\* 2/8/20 fair to poor. Prgm of classic rock mx. (Montney-MI)

WLIS.- 6950 2103-2226 2/9/20 poor to fair. A top 10 ranking of interval signals from SWBC stations. (D'Angelo-PA)

Channel Z R.- 6925 AM 0013 2/9/20 fair to poor. Prgm of classic rock mx, repeat of 2/8 prgm. (Montney-MI)

Wolverine R.- 4015 0022 2/9/20 good. Various songs about the moon w/SSTV image at QRT. (Taylor-WI)

K Dog R.- 6955 2354 2/15/20 fair. Prgm of various Frank Zappa mx w/SSTV images at close. (Montney-MI)

Wolverine R.- 6950 0013 2/9/20 good. Various songs about the moon w/SSTV image at QRT. (Montney-MI)

Mix Radio Intl.- 5125 2154-2228\* 2/2/20 fair. Prgm of contemporary rock mx. (Taylor-WI)

Zeke's Attic.- 4045 0101-0108\* 11/10/19 fair. Various rock & folk mx. Moved to 4017 where signal was less noisy. (Taylor-WI)

WBLU.- 4045 0220-0314 2/9/20 good to fair. Bluesman Bob w/prgm of "electric blues." (Taylor-WI)

Zeke's Attic.- 4045 0119 11/10/19 S9+20. Various rock & blues mx. Moved to 4017 where signal also strong. (Hauser-OK)

Zeke's Attic.- 4105 LSB 0223-0240\* 2/15/20 fair. Prgm of 60s folk mx. (Taylor-WI)

# Scoreboard

Gary R. Neal • P.O. Box 1 • Cockeysville, MD 21030-0001 • grneal@earthlink.net

This month we are highlighting our members' totals from Oceania. Ranking is based upon Oceania countries verified. This is your chance to show everyone how well you are doing. The next deadline is August 15th for the September 2020 issue of the Journal. The spotlight will be on Asia.



Name, State	Total		Oceania		Best Oceania QSL
	C/H	C/V	C/H	C/V	
Edward Kusalik, ALB	250	249	23	23	3AZ Tonga 5030
Marlin Field, MI	246	246	23	23	R. Kerema 3245 kHz, PNG (250
Tom Williamson, ON	243	230	22	22	R. Kiribati
Steven R. Lare, MI	239	226	22	22	Tonga, Marshalls
Wendel Craighead, KS	235	223	22	22	R Omroep Nederlands Nieuw
Ron Howard, CA	212	200	22	22	Tonga
Jerry Berg, MA	244	244	21	21	Fiji Broadcasting Comm. (250 w.)
Sheryl Paszkiewicz, WI	225	219	21	21	R. Kiribati

Name, State	Total		Oceania		Best Oceania QSL
	C/H	C/V	C/H	C/V	
Dan Henderson, MD	235	191	21	21	R. Free Bougainville (80 w.)
Chris Lobdell, MA	229	225	20	20	R. Kiribati
Rich D'Angelo, PA	225	223	20	20	R. Cook Islands
Paul Buer, FL	219	208	19	19	R. Cook Islands (500 w.)
Jim Evans, TN	213	203	20	19	PNG - Bougainville
Christos Rigas, IL	217	198	20	19	Cook Islands BC
Jerry Klinck, NY	220	202	19	18	Fiji BC
Stephen Leite, MA	210	197	17	17	Cook Islands (500 w.)
George Maroti, NY	208	202	18	17	Kiribati
Dan Robinson, MD	230	196	17	16	Cook Islands
Allan R. Loudell, DE	192	167	16	15	R. Vanuatu
Harold Cones, VA	234	232	16	14	R. Kiribati
Ross Comeau, MA	193	172	16	14	R. Kiribati
Jerry Johnston, KY	210	141	19	13	Cook Islands
Stephen Price, PA	198	183	13	12	RFO Tahiti
Bill Smith, MA	186	177	11	10	Vanuatu
James R. Renfrew, NY	189	161	13	10	R. Vanuatu
Dan Srebnick, NJ	156	121	10	9	SIBC
Scott C. Newman, IN	148	113	14	9	R. Tahiti
Jilly Dybka, TN	145	108	11	9	Australian Defense Forces R
George L. Glotzbach, MN	154	136	11	8	VNG
Richard Bradley, MA	145	130	8	8	Tahiti
Paul Brouillette, IL	148	121	10	8	New Caledonia
Doug Tilley, WA	117	89	8	8	R. Tahiti
Mark Humenyk, ON	169	148	12	7	R. New Zealand
Gary R. Neal, MD	137	127	7	7	VNG
Scott R. Barbour, NH	168	115	13	7	R. Wantok Light-PNG 7120
Edward G. Stroh, IL	135	104	9	7	R. Tahiti
Richard E. Lawrenson,	145	129	6	6	R. Tahiti
Joe Kremer, OH	153	104	10	6	Solomon Is.
Gary W. Froemming, AZ	184	44	11	5	VNG
Ken McCartney, OH	125	73	7	3	Fiji
Don Jensen, WI	256	256			
James W. Young, CA	253	239			
Alex Vranes, Jr. WV	226	216			
Bob Raymond, NH	175	151			
David Turnick, PA	175	129			
Larry Colton, FL	154	125			
John Mosman, WI	120	120			
Jerry Ervine, TX	110	60			

# Contributors' Page

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DEADLINE FOR CONTRIBUTIONS IS THE 10<sup>th</sup> OF THE MONTH

The following members sent in contributions:

<b>William MCGUIRE, Cheverly, MD</b>	No equipment listed
<b>Mick DELMAGE, Sherwood Park, AB</b>	Perseus SDR, Icom IC-7300 Ant: Wellbrook ALA 100 loop, KLM 7-30 MHz Log Periodic
<b>Vince HENLEY, Anacortes, WA</b>	WINRADI0 G39DDCe SDR, ICOM IC-R8600, Ten-Tec RX-340, SDRPLAY RSPdx, TECSUN PL-880. Antennas: whip on PL-880 and Alpha-Delta DX-Ultra installed broadside east west at 30 feet for all others
<b>Jim EVANS, Germantown, TN.</b>	IC-R75, IC7300, Perseus, Random Wire, Wellbrook FLX1530LN Loops (2).
<b>Andre FREDETTE, Oakville, Ontario</b>	JRC NRD 535D, Icom R-75 PAR ES-SWL 65 ft. Antenna, MFJ-959C
<b>Gianni SERRA - Roma-Italy</b>	JRC NRD 525 receiver; Alpha Delta DX-SWL Sloper-S antenna; RG 8 mini coaxial cable; JPS NIR 12 Noise & Interference Reducer-Dual DSP outboard audio filter; JRC NVA 319 external loudspeaker unit
<b>Eric BUENEMAN, Hazelwood, MO</b>	Sangean ATS-803A, 30-foot longwire (all logs in 2020)
<b>Pamela PRODAN, Wilton, ME</b>	Eton Field BT
<b>Ed CICHOREK-NJ</b>	R75, SW8, MFJ956, SWL 4-50 outdoor wire
<b>Glen HAUSER- OK</b>	No equipment listed

# Loggings

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

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2500 UNITED STATES WWV Standard Time and Frequency station in EE. January 12, 2020, 1522 – 1525. SIO 244. Weak signal on this frequency and time, but usable for its purpose. WWVH is not audible at this time and frequency. (Henley, WA)

3215 UNITED STATES The Overcomer via WWCR Nashville, TN – 1/14 0721 noted with fire and brimstone sermon by Brother R.G. Stair in English. SIO 555. (Bueneman-MO)

3310 BOLIVIA Radio Mosoj Chaski, Cochabamba, 0056-0059. Bolivian ballad music. Very weak, threshold level signal. Below noise level most of the time, but with a couple of fairly good peaks. 1/17/2020 (Evans - TN)

3485 NEWFOUNDLAND Gander VOLMET – 1/14 0725 noted with weather reports for various Canadian airports in English. SIO 333 in USB mode. (Bueneman-MO)

4055 GUATEMALA Radio Verdad TGAV Chiquimula – 1/28 0230 noted with sermon and old-style music in Spanish, including “It’s a Small World”. SIO 323, better in USB mode. (Bueneman-MO)

4055 GUATEMALA Radio Verdad, Chiquimula, 2332-2336. Spanish language hymn music. Strong signal with minor fading in heavy noise. 1/12/2020 (Evans - TN)

4747 PERU Radio Huanta 2000, Huanta, 0052-0054. Talk by a man. Very weak signal. Could not determine if language was Spanish or Quechua. 1/17/2020 (Evans - TN)

4760 SWAZILAND TWR Africa, Manzini, 0350-0400. Talk in Shona by a man. Contemporary religious vocal music at 0353. ID at 0359 in English. Announcements in Shona by a woman. TWR English ID at 0400 followed by Ndaou language program. Moderate signal strength with minor fading. 1/21/2020 (Evans - TN)

4775 PERU Radio Tarma (pres.) in Spanish 01.03 and 04 2020 2342-0005 man fast talk w/ Spanish accent (no much clear), w/ other man talk at time (pres. sport program), some unclear announcements w/ music, very poor/barely audible w/ audio up and down at times (Serra,Roma,Italy)

4875 BRAZIL Radio Roraima ZYG810 Boa Vista, Roraima – 1/22 0125 noted with commentary in Portuguese. SIO 222. (Bueneman-MO)

4885 BRASIL Radio Clube do Para Portuguese 0240-54 music, “Radio Clube do Para” mentioned; fair 2/10 (Prodan-ME)

4890 KOREA, SOUTH Echo of Hope -VoH at 1725 UTC Jan 11 in Korean with slow music and voice over my female. Very Good // 6255 Fair (jammed), //6355 Good (jammed), // 9105 Good. (Delmage, AB)

4924 BRAZIL Radio Educacao Rural (t), Tefe AM, in pres. Portuguese 01.04.2020 0021-0031 man talk & presumed woman talk at times; better in usb, strong qrn, barely audible w/ audio up and down at times (Serra,Roma,Italy)

5000 UNITED STATES WWV and WWVH Standard Time and Frequency stations in EE. January 12, 2020, 1531 – 1535. SIO 555. WWV and WWVH both with excellent signals on this frequency and time. Clear signals, easy listening. (Henley, WA)

5025 CUBA Radio Rebelde, Bauta, in Spanish 01.04.2020 2302-2323 slow song, man announcement, 9 notes tune, man reading news (no much clear), brief music breaks, unclear announcements, slow song, brief ballad, man / woman unclear talk, (Serra,Roma,Italy)

5040 CUBA Radio Habana Cuba Bauta, in Spanish 01.01.2020 0440-0503 lively ballads, w/ woman/man talk after each track and announcements; better in ssb, ceaseless fast shallow qsb w/ qrn rustle, fair; (my first log in 2020) (Serra,Roma,Italy)

5085 UNITED STATES WTWW Lebanon, TN 0229-36 ad for Amateur Logic TV, “greatest hits of all time,” request for Bob Segar & the Silver Bullet Band, “on WTWW with miles of wires”; fair 1/28 (Prodan-ME)

5780 PIRATE (EUROPE) Radio Harmony (p) 01.06.2020 \*0652-0711 carrier wave on at 0652, medley of slow oldies songs only; better in Lsb w/ inter filter, ceaseless shallow fast qsb, very strong qrn; (from 0701 till 0704, qrm strong voices splats in lsb, so heard better in usb w/ inter filter to almost nullify qrm; then better in both lsb and usb w/ inter filter), poor/barely audible at times; (Serra, Roma, Italy)

5900 BULGARIA Radio Bible Voice, Kostinbrod, 0208-0212. Talk in Arabic by a man and a woman. Music at 0211 followed by talk over music. Good signal with minor fading. 1/25/2020 (Evans - TN)

5910 CHINA China Radio Int'l CC. January 12, 2020, 1535 – 1541. SIO 444. Listed language is Mandarin. Strident OM and YL announcers alternating. Listed target is SEA. (Henley, WA)

5915 ZAMBIA Zambia NBC Radio 1 (p), Lusaka, in unid.Lang. 01.14.2020 2014-2038 man unclear talk, other man talk, local choral chant, man unclear fast talk also above chant at times, then interviewing other man; strong qrn, poor/very poor at times; (Serra, Roma, Italy)

5915 ZAMBIA Zambia NBC, Lusaka, 2345-2349. Talk by a man in African vernacular. African pop music at 2347. Moderate signal strength in heavy noise. 1/12/2020 (Evans - TN)

5920 SOUTH KOREA Voice of Freedom in KK. January 12, 2020, 1541 – 1550. SIO 444. Clandestine / Opposition target is North Korea. MX with various vocalists. OM and YL announcers. Good signal. (Henley, WA)

- 5920 UNITED STATES WHRI Cypress Creek, SC English 0242-44 talk about apostles; excellent 2/10 (Prodan-ME)
- 5940 BRASIL Radio Voz Missionaria Portuguese 0234-45+ music/singing; poor-fair 2/10 (Prodan-ME)
- 5945 CHINA, CNR-1, Beijing, 2359, 2-8-20. Tuned in to male and female with talk then 4+1 TP's to 0000 with ID and national anthem. SINPO 25222. (Cichorek-NJ)
- 5950 UNITED STATES WRMI in EE. January 19, 2020, 0051 – 0056. SIO 444. Pop MX program, various vocalists. Listed target is WNA. (Henley, WA)
- 5950 ETHIOPIA Voice of Tigray Revolution, Addis Abeba, in listed Tigrinya 01.18.2019 1728-1747 usual local singsong music, man talk enhanced w/ reverberation (excited at times) and audience clapping at times, other man brief announcement, local music break, man and woman talk almost good/fair (Serra, Roma, Italy)
- 5955 CHINA China Radio Int'l via Xianyang – 1/6 1012 noted with commentary in English. SIO 323; ACI from WRMI on 5950 kHz. (Bueneman-MO)
- 5959 KUWAIT Radio Kuwait, Sulaibiyah, 0454-0501. Traditional Middle Eastern vocal music. Talk by a man in Arabic at 0500. Very weak signal with minor fading in heavy noise. 1/12/2020 (Evans - TN)
- 5960 GERMANY The Mighty KBC in EE. January 19, 2020, 0057 – 0104. SIO 545. Program from the Netherlands relay via Nauen. MX, sound effects, rock MX, and commentary. Good signal and easily listenable. (Henley, WA)
- 5960 GERMANY Mighty KBC Radio 0030-0150 music, incl Lovin' Spoonful – Do You Believe in Magic, Smiley Lewis - I Hear You Knocking; very good 1/26; 0020-0100 blues music with Etta James, Jimmy Witherspoon, John Mayall & the Bluesbreakers & more; fair 2/9 (Prodan-ME)
- 5960 GERMANY Voice of Turkey 2307-10 English news – Germany-Turkey meeting on Libya, Yemen attack, construction, “news continues on Voice of Turkey English language programming,” Russian soldiers in Syria; fair-good 1/19 (Prodan-ME)
- 5965 CHINA China Radio Int'l RR. January 12, 2020, 1551 – 1556. SIO 555. YL announcer. Target is Siberia. Talk, MX, sound effects, including drums. Excellent signal. (Henley, WA)
- 5970 UNITED STATES WEWN EWTN Catholic Radio in SS. January 19, 2019, 0105 – 0110. SIO 444. OM and YL in SS religious discussion. (Henley, WA)
- 5970 UNITED STATES WEWN Vandiver, AL Spanish 0001-03 f & m announcers, ref to Mexico & other Latin Amer countries, program on family & marriage, etc; very good 1/26 (Prodan-ME)

- 5980 CHINA China Radio Int'l JJ. January 12, 2020, 1556 – 1557. SIO 555. Mixed OMs and YLs in talk / conversation. Off air at 1557, carrier gone. (Henley, WA)
- 5985 CHINA China Radio Int'l Swahili. January 19, 2020, 1734 – 1742. SIO 555. OM and YL in conversation / commentary. Some African MX. Listed target is East Africa. Good signal, listenable. (Henley, WA)
- 5990 CHINA Radio China Int'l at 2305 12/2/19 in EE. National News & a report on Hong Kong. Good. (McGuire-MD)
- 5990 CHINA China Radio Int'l a4 2350-000 in EE. 'World Today' program. (McGuire -MD)(
- 5990 CUBA China Radio Intl Spanish 0001+ Spanish f Ann "esta es Radio Internacional de China," news - wars; good 1/26 (Prodan-ME)
- 5995 MALI Radio Mali, 22:47 GMT, Jan 18, SIO 322, French program, two men having a discussion, various subjects from politics to local issues. Fair with strong fading. (Fredette-ON)
- 5995 MALI RTV du Mali, Bamako, in Bambara / French from 2031 - 01.13.2020 2017-2043 woman long dull talk (ment. Bamako) till 2031, local tune pause, man long talk in French w/ African accent (ment. national du Mali, Bamako, many times "monsieur", followed by names, fair/almost fair from 2032 (Serra, Roma, Italy)
- 5995 MALI RTV du Mali, Bamako, 2339-2344. West African highlife music. Talk in French by a man with music at 2342. Strong signal with moderate fading. 1/12/2020 (Evans - TN)
- 6000 CUBA Radio Habana Cuba in EE. January 19, 2020, 0111 – 0115. SIO 444. YL and OM news readers with USA oriented news, mostly anti-Trump. Court ruling on refugees, combat soldiers being injured in attack. (Henley, WA)
- 6005 GERMANY Radio Belarus (pres.), Kall Krekel, in German 01.12.2020 0743-0802 woman talk, brief local song pause, same woman talk and interviewing man, then talk only, brief music break at 0800, poor /very poor at times; (TX 1 kW only)(Serra, Roma, Italy)
- 6040 IRAN VoIRI at 2010 UTC Jan 9 with political talk. Low modulation, good carrier. (Delmage, AB) Also noted Jan 10 at 1945 UTC music music but voice was JBA. (Delmage, AB)
- 6040 SAO TOME Voice of America at 2044 UTC in (r) Hausa Jan 10 with discussion between two males. Very Good (Delmage, AB)
- 6060 CUBA Radio Habana Cuba in SS. January 10, 2020, 0100 – 0126. SIO 555. Frequency announcements in SS.OM announcer. Latin MX. News, Cuban style. Listed target is ENAM. (Henley, WA)
- 6070 CANADA CFRX Toronto 2312+ discussion about EV parking/charging stations; fair 1/19 (Prodan-ME)

- 6075 TAIWAN Radio Taiwan Int'l via Kouhu - 1/8 2318 noted with commentary in Chinese. SIO 323. (Bueneman-MO)
- 6080 SAO TOME E PRINCIPE Voice of America, Pinheira, in English 01.12.2020 0645-0658\* music program (rock and pop songs), man dj talk at times after some tracks, (w/ ID as VOA one), sudden s/ off at 0658; (Serra, Roma, Italy)
- 6095 UAE BBC, Al-Dhabbaya, 0403-0409. Talk in Farsi by a man, occasionally joined by a woman. Weak to moderate strength signal with in heavy noise. 1/21/2020 (Evans - TN)
- 6105 FRANCE Radio Algerienne via Issoudun - 1/30 0645 noted with commentary, discussion and Middle Eastern music in Arabic. SIO 323, ACI from Radio Havana Cuba on 6100 kHz. (Bueneman-MO)
- 6110 ETHIOPIA Radio Fana, Addis Ababa, 0507-0517. Talk in Amharic by a man and a woman. Weak signal in heavy noise. 1/13/2020 (Evans - TN)
- 6115 UNITED STATES WWCR 1 in EE from Nashville, TN. January 10, 2020, 0056 - 0100. SIO 555. OM advertiser and seller of survival equipment. "JMCC.com." Route 66 religious program. "Fanfare for the Common Man" MX theme. (Henley, WA)
- 6115 NEW ZEALAND RNZI in EE. January 12, 2020, 1558 - 1610. SIO 444. Pop MX. Time pips at TOH. YL announcer with news. Volcano eruption, immigration legal ruling, moderate co-channel QRM. Listenable, but signal is deteriorating on this frequency. (Henley, WA)
- 6115 CONGO Radio Congo (tent.), Brazzaville, in French 01.25.2020 1823-1827\* man talk w/ French accent, other man brief talk (all unclear); barely audible in Lsb only just above qrn threshold; ceaseless fast shallow qsb; signal off at about 1827; (Serra,Roma,Italy)
- 6115 UNITED STATES WWCR Nashville, TN 2313+ preaching "young people want different government than we have," "communism is an enemy of the word of god"; fair+ 1/19 (Prodan-ME)
- 6125 UNITED STATES Radio Marti at 2305 11/27/19 in SS. Report on Bolivia. Fair (McGuire-MD)
- 6135 BRASIL Radio Aparecida 2314+ Portuguese religious; poor+ 1/19 (Prodan-ME)
- 6140 INDIA All India Radio, Bengaluru 01.03.2020 1835-1852 only two long typical Indian singsong chants w/ local instrumental music; ceaseless fast shallow qsb w/ lite qrn when fading, very good w/ strong signal (S.9+25 of peak) and loud audio; (Serra, Roma,Italy)
- 6170 NORTH KOREA Voice of Korea via Kujang - 1/6 1000 noted with martial music, ID into news in English. SIO 222. (Bueneman-MO)
- 6175 CHINA CNR 1 in CC. January 12, 2020, 1611 - 1618. SIO 555. OM announcer, Pop MX, with YL vocalist. Listed language is Mandarin. Target domestic China. Excellent signal, pleasant CC Pop MX. (Henley, WA)

6180 BRAZIL Radio Nacional da Amazonia in PP. January 10, 2020, 0050 – 0055. SIO 555. Excellent signal. OM announcer with sports program. Interviews and debate. (Henley, WA)

6180 TAIWAN Radio Taiwan Int'l in EE. January 12, 2020, 1618 – 1628. SIO 444. YL announcer / interviewer with talk of youth attitudes in Taiwan today. This signal is jammed, but can be heard clearly on 6185 with proper filtering. Discussion of value differences between Taiwanese youth and their parents today. Focus on western culture and eastern culture influences in terms of attitude. The role of relative affluence on the relationship and attitudes. Positive station ID. Jazzy theme MX. (Henley, WA)

6180 TAIWAN Radio Taiwan Int'l in EE. January 19, 2020, 1610 – 1615. SIO 433. Discussion of news and trade. Considerable QRM from CNR and CRI. Listenable with difficulty. Some MX with YL vocalist. (Henley, WA)

6180 UNITED ARAB EMIRATES Ibra Radio (presumed), in listed Somali 01.01.2020 1712-1733 chant, unclear man (or men ) talk, choral singsong chant, man unclear announcement, music, (at 1829 no audio for about one minute) woman and man unclear talk, chant w/ instrumental music; very poor/ barely audible at times; (Serra,Roma,Italy)

6180 BRAZIL Radio Nacional da Amazônia ZYE365 Brasilia, D.F. – 1/23 0236 noted with Latin American music, jingle and promo in Portuguese. SIO 444 over CRI. 11780 kHz also in; SIO 555. (Bueneman-MO)

6185 MEXICO XEPPM Feb 11 at 1544, S5-S7 JBM carrier from XEPPM still way off-frequency and way off-time according to own schedule (Glenn Hauser, OK, WOR)

6195 OMAN BBCWS at 1740 UTC Jan 20 with BBC OS. At 1800 UTC Promo for Outlook and World News at 1801 UTC. Very Good (Delmage, AB)

6195 SINGAPORE BBC, Kranji, 2351-2358. Talk in English by a man, occasionally joined by a woman. Weak signal with minor fading. Too weak to determine program content details. 1/24/2020 (Evans - TN)

6270 CLANDESTINE Iran Int'l via Uzbekistan or Armenia, in Farsi 01.18.2020 1548-1602 woman talk, other woman talk, then interviewing man, and continuing talk only, announcement w/ ID (only clear ..International), other woman/ man announcements above music, pop music pause fair/almost good at times (Serra, Roma, Italy)

6519 CLANDESTINE (SOUTH KOREA) Voice of the People, in Korean 01.20.2020 1755-1806 woman talk till 1759, two brief music pauses w/ woman brief announcement in between, man and woman talk in turns; poor/very poor at times; (Serra,Roma,Italy)

7205 CHINA China Radio Int'l via Xianyang site at 2335 UTC Jan 14 in Mongolian with music "Teri Meri Kahani" by Himesh Reshammiya. Very Good // 6185 kHz also via Xianyang site (Delmage, AB)

7220 CHINA China Radio Int'l via Xiamen – 1/8 2320 noted with commentary in Vietnamese. SIO 323, mixing with Romania. (Bueneman-MO)

7220 ROMANIA Radio Romania Int'l via Galbeni - 1/8 2325 noted with commentary in English into Classical music. SIO 323, mixing with CRI Xiamen. (Bueneman-MO)

7255 NIGERIA Voice of Nigeria via Abuja - 1/11 0817 noted with commentary in English into brief music. SIO 323. (Bueneman-MO)

7260 CHINA Xinjiang People's broadcasting Station Urumqi - 1/24 2225 noted with traditional Chinese music, off suddenly at 2257. SIO 323 with Amateur Radio QRM after 2255. (Bueneman-MO)

7265 CHINA China Radio Int'l RR. January 12, 2020, 1629 - 1635. SIO 555. Listed target is Eastern Europe. YL announcer. Excellent signal, with slight, shallow QSB. Background MX with YL voiceover in RR. Pop / Rock MX. (Henley, WA)

7275 CHINA Xinjiang People's Broadcasting Station - 1/24 2300 noted with ID into news in Chinese. SIO 323. (Bueneman-MO)

7300 CHINA CNR 1 in CC. January 12, 2020, 1635 - 1640. SIO 555. Domestic broadcast in Mandarin. OM announcer, Pop MX, Advertisements and talk. (Henley, WA)

7315 UNITED STATES WHRI with Voice of Vietnam in SS relay. January 10, 2020, 0045 - 0050. SIO 555. YL and OM announcers alternating. Listed target is SAM. (Henley, WA)

7325 CHINA China Radio Int'l via Kunming-Anning site in Cantonese at 2355 UTC Jan 14 (perfect greyline to here) Very Good // 6140 kHz via Kunming-Anning site Fair. Abrupt off at 2357 UTC> (Delmage, AB)

7325 ROMANIA Radio Romania Int'l at 0100 1/29 in EE. ID & National News. Fair. (Mcquire-MD)

7355 SINGAPORE BBC relay in KK via Kranji. January 12, 2020, 1640 - 1647. SIO 555. Excellent signal. BBC ID. YL reading news items, YLs in conversation, OM joins the conversation at 1645. (Henley, WA)

7355 SINGAPORE BBC in KK relay via Kranji. January 19, 2020, 1648 - 1654. SIO 555. OM and YL commentary. Language lesson follows .Titanic going to New York and hitting an iceberg. Verb forms. OM and YL instructors. Lesson exploiting the Titanic story. (Henley, WA)

7365 CHINA CNR1 in CC. January 19, 2020, 1655 - 1701. SIO 555. CNR in Mandarin. OM announcer, CC Pop MX, advertisements and commentary. YL vocalist with MX. Time pips at TOH., ID and theme MX. (Henley, WA)

7415 CHINA China Radio Int'l via Kashi-Saibagh site poor // 9600 kHz via Kashi-Saibagh site Fair with English radio drama. (Delmage, AB).

7430 CHINA China Radio Int'l EE. January 19, 2020, 1702 - 1707. SIO 444. News with OM announcer. Business and trade news, satellite launch capability, new rocket engine, attack

on soldiers in Africa, various other news items. YL announcer follows with "Round Table" program. (Henley, WA)

7435 CHINA China Radio Int'l EE. January 12, 2020, 1648 – 1657. SIO 444. Listed target is Southern Africa. Talk of attitudes and understanding or lack thereof between China and the West. "China's unique cultural gift to the world." Touting Chinese attitudes as representing a superior character, as if the world cannot see the differences on display in Hong Kong. Advocating arranged marriages. Several references to cultural differences, always implying that China's culture is superior. Language lesson. (Henley, WA)

7445 MADAGASCAR BBC, 19:19 GMT, Jan 20, SIO 333 English program, on Tanzanian political situation followed by story on daughter of Angolan ruler and her ill-gotten wealth. Good to fair. (Fredette-ON)

7465 SINGAPORE BBC Relay via Kranji in either Pashto or Dari. January 12, 2020, 1657 – 1703. SIO 555. Target is Afghanistan. OM announcer then YL with ID and program announcements. Excellent signal. OM with measured talk, as if a recital, after 1700. YL follows. (Henley, WA)

7485 SINGAPORE BBC Relay in EE via Kranji. January 12, 2020, 1703 – 1707. SIO 555. Sporting event. Two OMs announcing a soccer match, excellent signal. An active and exciting game with enthusiastic announcers. (Henley, WA)

7505 UNITED STATES WRNO Worldwide New Orleans, LA – 1/24 0245 noted with Christian teaching in Chinese. SIO 545. (Bueneman-MO)

7560 THAILAND Voice of America at 2359:15 UTC Jan 14 with Yankee Doodle IS and English ID. Into Chinese programming at 0000 UTC. (Delmage, AB)

7585 THAILAND Radio Farda, Udon Thani, in Farsi 01.18.2020 1817-1827 music program w/ Middle East chant and pop songs, w/ brief announcement at 1822, man ID and brief announcements, woman announcement (Serra, Roma, Italy)

9405 PHILIPPINES FEBC Radio, Bocaue, 2255-2258. Religious music occasionally peaking above the noise. Very weak signal. 1/12/2020 (Evans - TN)

9420 GREECE Voice of Greece in Greek. January 18, 2020, 2326 – 2332. SIO 444. MX with mixed vocalists. Listenable. Listed target is NAM. (Henley, WA)

9445 INDIA All India Radio, Bengaluru, in English 01.07.2020 1830-1845 woman talk and then interviewing man (w/ some audience's brief laughter's and clapping); many fast and a bit deep qsb per minute, w/ moderate qrn rustle in increasing (Serra, Roma, Italy)

9445 INDIA All India Radio via Bengaluru at 2028 UTC Jan 23 in Hindi with talk. Fair (Delmage, AB)

9445 INDIA All India Radio via Bengaluru at 2350 UTC Jaqn 23 in English with songs "Mera Dil Bhi" and "Tumse Milne Ko Dil" by Alka Yagnik & Kumar Sanu. ID at 0000 UTC then talk about coronavirus Very Good (Delmage, AB)

9445 INDIA All India Radio via Bengaluru – 1/24 2210 noted with commentary in English. SIO 323. (Bueneman-MO)

9455 UNITED STATES WYFR religious broadcast. January 18, 2020, 2333 – 2336. SIO 434. Brother Stair religious broadcast. It was the usual confused claptrap from Br. Stair. (Henley, WA)

9575 SRI LANKA AWR, Trincomalee, 2147-2155. Religious music followed by talk in Chinese by a man. Moderate strength signal with some fading in heavy noise. 1/14/2020 (Evans - TN)

9635 MALI RTV du Mali, Bamako, in French 01.01.2020 0905-0920 man talk, brief music break, woman for presumed current affair news (no much clear), w/ several men correspondents talk one at time (ment. Mali), poor/ almost fair at times (Serra, Roma, Italy)

9635 MALI Radio Mali, Bamako, in listed Bambara 01.26.2020 0827-0848 man very long talk till 0838, local typical chant w/ instrumental music, brief chant, other man announcement w/ ID (Radio Mali) at 0840, fair/ almost fair at times; (Serra, Roma, Italy)

9645 VATICAN Vatican Radio , Santa Maria di Galeria, in Romanian 01.26.2020 0844-0908 chanted Liturgy in Gregorian style; in // 7250 w/ lite buzz noise in background and lite fast qsb at times; local Radio for both frequencies; (Serra,Roma,Italy)

9650 GUINEA Radio Guinee, Conakry, in French 01.24.2020 0713-0740 nonstop afropop songs, (w/ presumed North Korean V.o.Korea co-channel, w/ man / woman brief unclear announcements and other chants mixed w/ afropop at times), man /woman announcements w/ two IDs at 0732 (Radio Guinee almost fair/poor at times cause strong co-channel; (Serra,Roma,Italy)

9665 NORTH KOREA Voice of Korea in KK. January 12, 2020, 1708 – 1713. SIO 333. YL vocalist with MX. Distorted Audio, heavy QRN, steep QSB. Listenable with difficulty. (Henley, WA)

9665 KOREA NORTH: KCBS in Korean at 1755 UTC Jan 24. National Anthem at 1757 UTC then off. Very Good (Delmage, AB)

9675 SAUDI ARABIA RSI at 1807 UTC Jan 9 in (r) Turkish with Koran. Good (Delmage, AB)

9675 SAUDI ARABIA SBA at 1758 UTC Jan 24 and 25 with Interval Signal followed by National Anthem then Sign On in (r) Turkish with Quran. Excellent (Delmage, AB)

9690 SPAIN REE at 2300 1/20 in EE. Pips, ID, Economic news. Good. (Mcguire-MD)

9700 NEW ZEALAND RNZI at 1800 UTC Jan 25 with News, weather and Morning program. Closed down at 1858 UTC (see 11725). Excellent (Delmage, AB) Not shown on their website for this frequency of Saturdays. Was back to DRM on Sunday Jan 26 on 9780 kHz

9705 VATICAN Vatican Radio News at 1759 UTC Jan 26 with a new version of their Interval Signal that I have not heard followed by sign on in Portuguese. Very Good (Delmage, AB)

9790 NORTH MARIANA Radio Free Asia, Agingan Point, in Chinese 01.20.2020 1507-1529 man host talk, w/ other man talk at times, phone ring, man announcement above music, other man announcement above music, man talk, w/ other man talk at times, brief slow music paus, fair/almost good at times; (Serra,Roma,Italy)

9795 PHILIPPINES FEBC Radio, Iba, 2304-2307. Vocal music in an indigenous language (Mon, per schedule). Weak signal in heavy noise, occasionally peaking up a bit. 1/12/2020 (Evans - TN)

9800 PHILIPPINES Voice of America, Tinang, 2049-2051. Talk in Korean by a woman and a man. Weak signal. 1/15/2020 (Evans - TN)

9830 UNITED STATES WHRI Cypress Creek, SC – 1/25 0540 noted with Christian teaching, "World Harvest Radio" ID in English, instrumental music until carrier cut off at 0600. SIO 333. (Bueneman-MO)

9835 IRAN VOIRI at 1650 UTC Jan 25 in (pres) Russian with Irian National Anthem, sign on and Quran. Off at 1750 UTC. Good (Delmage, AB) Heard other days as UNID playing Irian songs like "Tolou" by Naser Cheshm Azar at 1730 UTC Jan 24. (Delmage, AB)

9855 MADAGASCAR NHK, World radio Japan, 20:58 GMT, Jan 21, SIO 444, French program, Discussion on food and vegetable consumption and Nutritional guidelines. How to get the best out of our vegetables. Man and woman talking about Japanese products, guitar music, ID at 21:00 and how to write to the station. Cut off at 21:01 Very good signal. (Fredette-ON)

9865 INDIA All India Radio: Vividh Bharati in Hindi at 1723 UTC Jan 11 with usual beautiful music. Fair (Delmage, AB)

9865 INDIA All India Radio Vividh Bharati in Hindi. January 19, 2020, 1639 – 1644. SIO 333. OM announcer, MX with various vocalists. Minor QRN / QSB. Listenable. (Henley, WA)

9885 MADAGASCAR:KNLS in Russian at 1803 UTC Jan 9 with pop song "Sweet Life" by Paul Davis. ID for KNLS at 1805 UTC. Very Good (Delmage)

9890 JAPAN NHK World of Radio Japan, 22:15 GMT, Jan 20, SIO 222, Japanese program, man talking. Fair to poor. (Fredette-ON)

9915 ASCENSION ISLAND BBC World Service relay – 1/7 0717 noted with commentary in English. SIO 323. (Bueneman-MO)

9990 KUWAIT Radio Farda, in listed Farsi 01.04.2020 0952-1007 woman interviewing other men in turns; fair/almost good in ssb; in // 11674.99 ceaseless fast qsb and strong qrn, (Serra, Roma, Italy)

11530 FRANCE Clandestine Denge Welat, 15:57 GMT, Jan 17, SIO 333, beautiful Middle Eastern music, man and woman singing backed by an Oud (guitar) female announcer at 16:00, presume Kurdish language, strong signal. (Fredette-ON)

11550 NORTHERN MARIANAS Radio Free Asia, Saipan, 2124-2129. Talk in Korean by a man. Very weak signal with minor fading in heavy noise. 1/14/2020 (Evans - TN)

11610 MADAGASCAR World Christian broadcast, the light of life, 21:53 GMT, Jan 17, SIO 444, Chinese program, man speaking, followed by music, good signal. (Fredette-ON)

11635 KOREA, NORTH Voice of Korea at 2250 UTC Jan 15 in Chinese with patriotic songs to sign off at 2256 UTC Very Good (perfect greyline to here). Interval Signal at 2300 UTC then into Korean broadcast //7235 poor // 9445 Poor modulation // 9815 poor // 12015 poor with QRM. (Delmage, AB)

11635 CUBA Cuban spy channel, 18:36 GMT, Jan 19, SIO 444, five numbers followed by a digital type transmission sound, repeated over and over with changes to the five numbers. (Fredette-ON)

11640 MALI China Radio Int'l relay at 2005 UTC Jan 15 with English radio drama. Very Good // 13630 Fair. (Delmage, AB)

11705 MADAGASCA Radio Tamazuj, SIO 211, man and woman having a discussion in Arabic, fair to poor, noisy band. (Fredette-ON)

11720 MADAGASCAR AWR via Talata-Volonondry site at 1710 UTC Jan 24 in Swahili with man preaching. Excellent with some audio dropouts. (Delmage, AB)

11725 NEW ZEALAND RNZ National with Nights program at 0630 UTC Jan 24, "We Won't Get Fooled gain" by The Who and "Dunka" by Headless Chickens. Good (Delmage, AB)

11725 NEW ZEALAND RNZ National at 1859:30 Jan 25 with Interval Signal, 5 plus 1 time pips to 1900 UTC then into News. Excellent (Delmage, AB)

11760 CUBA Radio Habana Cuba in SS. January 19, 2020, 1632 – 1638. SIO 444. MX with OM and YL commentary. Frequent ID. Good signal. Latin MX. Slight QRN / QSB. (Henley, WA)

11760 CUBA Radio Habana Cuba 2318-20 Spanish f Ann address & contact info; good 1/26 (Prodan-ME)

11770 NIGERIA Voice of Nigeria, Ikorodu, 2005-2012. Talk in Hausa by a man. Brief musical bridge followed by more talk with frequent mention of Nigeria. Weak strength signal, improving to moderate. 1/12/2020 (Evans - TN)

11780 BRAZIL Radio Nacional de Amazonia, 22:03, Jan 17, SIO 444, Portuguese news program, man and woman talking. Very clear and strong signal. (Fredette-ON)

11810 ASCENSION ISLANDS BBC, 21:58 GMT, Jan 17, SIO 333, English program, woman discussing sports and health. ID at 21:59 followed by playwriting contest, Radio play announcement, erupt cut-off at 22:00. Good signal with some fading. (Fredette-ON)

11815 TURKEY Voice of Turkey, 15:47 GMT, Jan 17, SIO 333, Turkish program, two men having a discussion. Good to fair, band was noisy. (Fredette-ON)

11820 CHINA China Radio Int'l Cantonese. January 10, 2020, 0032 – 0039. SIO 555. Classical MX examples with lecture. YL announcer. Listed target is SEA. Excellent signal. (Henley, WA)

11850 BOTSWANA Voice of America, 20:52 GMT, Jan 21, SIO 444, Hausa program, man talking. Strong signal slight fading. (Fredette-ON)

11855 BRASIL Radio Aparecida 2300-11 Portuguese station reference, music, talk; poor 1/26 (Prodan-ME)

11955 GUAM Adventist World Radio, Agat, 2250-2254. Talk in Indonesian by a man. Hymn at 2254. Moderate strength signal with some deep fades. 1/12/2020 (Evans - TN)

11965 MADAGASCAR World Christian Broadcast, African Pathways Radio, 20:42 GMT, Jan 21, SIO 555 English program, and preacher followed by religious A cappella music, followed by African folk music and more preaching. Henry Hubert did a talk on the Ethiopian famine of 1984-87. Excellent and strong signal. (Fredette-ON)

11975 MALI China Radio Int'l via Bamako – 1/8 2257 noted with promos, time pips at 2300 into news in Chinese. SIO 333. (Bueneman-MO)

11975 MALI China Radio Intl 2312-20 Chinese song, f Ann, “Jingle Bells” in Chinese (or at least the tune); poor+ (static) 1/26 (Prodan-ME)

11985 MADAGASCAR Adventist world Radio, 20:39 GMT, Jan 21, SIO 545 Yoruba language, young lady speaking. Very good clear signal. (Fredette-ON)

12050 UNITED STATES WEWN EWTN Catholic Radio in SS. January 19, 2020 1628 – 1631. SIO 444. Religious broadcast. MX with OM vocalist. (Henley, WA)

13580 CHINA China Radio Int'l CC. January 10, 2020, 0013 – 0023. SIO 555. Listed language is Mandarin, Target SEA. Strident YL announcer. OM announcer follows. News and commentary about the election in Taiwan. (Henley, WA)

13650 JAPAN NHK Radio Japan in Burmese. January 9, 2020, 2353 – 2400. SIO 555. Station ID by OM and YL announcers. Listed target is SEA. Contact information given. Excellent signal. (Henley, WA)

13650 JAPAN NHK World-Radio Japan via Yamato – 1/8 2306 noted with traditional Japanese music and commentary in Thai. SIO 333. (Bueneman-MO)

13750 THAILAND Radio Thailand at 0024 UTC Jan 4 in English with business news. Good and Very good at azimuth change at 0030 UTC with Thai food program. (Delmage, AB)

13750 THAILAND Radio Thailand in EE. January 10, 2020, 0000 – 0012. SIO 555. Excellent signal. YL anchor with national news. Bad air pollution, instructions for seeking medical attention and precautions to take. National Children's day on January 11. Information on the Bangkok Children's museum. Precautions to take to avoid food poisoning. Water Hyacinth invasion control. Ads for extra baggage on Bangkok Airlines. (Henley, WA)

13750 THAILAND Radio Thailand in EE. January 19, 2020, 0031 – 0041. SIO 555. YL announcer with news of the space program, recall of Tesla automobiles, Radio Thailand News program. "Uniquely Thailand" cultural program with OM announcer. Talk of shopping for art and silk clothing. (Henley, WA)

13820 UNITED STATES Radio Marti in SS. January 19, 2020, 1621 – 1625. SIO 544. OM announcers in SS conversation. Good signal, slight QRN / QSB. (Henley, WA)

13837 CUBA Radio Habana Cuba also. 13837, 13769; 13632, 13565 approx., Feb 14 at 1511, RHC FM/AM spurblobs with F# tone out of 13700-AM at 67-69 kHz intervals, during `Sonido Cubano` multi-tone music. 13740-AM is still on with dead air. Something's always wrong at RHC (Glenn Hauser, OK, WOR)

15400 ASCENSION ISLANDS BBC 1819-40+ discussion about court martial, murder, manslaughter, long interview; ad for "Shifting Cultures" program; "Digital Planet" discussion about cost of internet shutdowns estimated at over \$8 billion; very good 1/22 (Prodan-ME)

15460 VATICAN CITY Voice of America, 14:47 GMT, Jan 19, SIO 333, Kirundi program, two men having a discussion, fair to good with slight fading. (Fredette-ON)

15490 ASCENSION ISLANDS BBC, 18:15 GMT, Jan 19, SIO 333, French program, political and social discussion with emphasis on Africa, fair with fading. (Fredette-ON)

15580 BOTSWANA Voice of America in EE relay via Mopeng Hill. January 19, 2019, 1616 – 1620. SIO 343. OM announcers in conversation. Listed target is Africa. News items, commentary. Heavy QRN. Signal is down in the noise, but listenable with difficulty. (Henley, WA)

15580 BOTSWANA Voice of America, 15:36 GMT, Jan 17, SIO 333, English program, pop music, and song requests from listeners in Ethiopia, male DJ. Song "Circle" by matt Lewis, acknowledgement of listeners in different countries, Birthday of Bob Marley followed by a bob Marley song. Good to fair (Fredette-ON)

15580 BOTSWANA Voice of America English 1812-19; clashes in Cameroon – long report, "you are listening to Africa News Tonight on VOA," "increasingly dangerous Sahel region"; good-vg 1/22 (Prodan-ME)


15770 UNITED STATES WRMI Okeechobee FL 1810-12 English "Supreme Master Television," news- Chinese leader meeting in Greece, European Union award for work in Somaliland, Belarus, etc; excellent 1/22 (Prodan-ME)

17700 BOTSWANA Voice of America, 15:31 GMT, Jan17, SIO 333, Hausa language program, female announcer with cheerful background music, followed by folk music and more discussion. Good with fading. (Fredette-ON)

17830 ASCENSION ISLANDS BBC, 17:12GMT, Jan15, SIO 333, English program. Discussion on Nigerian government followed by Ethiopian news. Fair to good, some fading. (Fredette-ON)

17895 BOTSWANA Voice of America, 17:03GMT, Jan15, SIO 333, English news, U.S. news followed by an article on climate change, news on Cambodia, news that a jet plane dumped jet fuel over a children's playground in California while doing an emergency landing, China/US trade deal. Fair. (Fredette-ON)

17895 SAUDI ARABIA. Feb 15 at 1449, Qur`an at S7-S9. Spring/MUF is looking up as hardly a JBA carrier from this all winter. No signal on 17705 which is supposed to run at 12-15 like 17895, but General program. Also 17615.065, always off+frequency, Qur`a same level as 17895, S7-S9. If anything make it on 16m, these do, would be the OSOBs except for JBAC 17885 Mali, but still the SSOBs. (Glenn Hauser, OK, WOR)

**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 D'Angelo ([rdangelo3@aol.com](mailto:rdangelo3@aol.com)) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic Flashsheet edited by Mark Taylor, [markokpik@gmail.com](mailto:markokpik@gmail.com). The club's electronic Flashsheet helps members stay on top of the action with breaking shortwave news and information. The electronic newsletter is an excellent supplement to the monthly Journal for the timely dissemination of DX loggings and breaking news. 




<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, January 19, 2020 -- Previously we have posted a recording of WRNO testing when it first came on the air in 1982. Under "DX History/QSLs & Other Station Memorabilia" we have posted an interesting trinket from the station: a WRNO belt buckle issued in connection with the Louisiana World Exposition of 1984. The design on the front, both on the left and the right, looks like, at the top, a cherub holding up what might be Mardi Gras beads, and, at the bottom, an alligator with its mouth open. On the back are the words "Official Short Wave Station," and above those words is an eagle surrounded by the words "The Great American Buckle Co. U.S.A." (which apparently is now Great American Products, a seller of promotional merchandise). Zoom in for the detail. - And in "Specialized Resources/The DX Recordings of Colin Miller," we have added a recording of Radio Tashkent from the mid-1970s (Arabic ID).


<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, January 26, 2020 -- If you were DXing in the 1950s or 1960s, the chances are that, at some point, you were a member of the Newark News Radio Club, and you looked forward to receiving the monthly bulletin. . Some time ago we posted the first issue of the short-lived and little-known *Dialist*, the NNRC publication that predated the NNRC bulletin. Now we have posted all six copies, which were published in 1934 and 1935. You can find them under "Specialized Resources" in a new "Dialist" section. - Also in "Specialized Resources" we have two new "Wavescan" stories from Adrian Peterson: "CBS on Shortwave in California: The Voice of America, Delano - 2" (Wavescan N563, December 8, 2019), and "Ancient DX Report 1919" (Wavescan N564, December 15, 2019).

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, February 2, 2020 -- Under "QSLs & Other Station Memorabilia" we have posted the third and final part in our series, "The BBC in QSLs." Part III covers the relay stations. -- Under "Specialized Resources/Wavescan," Adrian Peterson has checked in with four new entries: (1) "The Tragic Disaster of the German Airship Hindenburg" (Wavescan N566, December 29, 2019); (2) "The Radio Scene on a Volcanic Island in the South Pacific: the Recent Tragedy on New Zealand's White Island" (Wavescan N568, January 12, 2020); (3) "The Early Wireless Scene on the Pacific Island, Bougainville" (Wavescan N569, January 19, 2020), and (4) "The Shortwave Scene in South American Uruguay" (Wavescan N570, January 26, 2020). -- And we have updated the Wavescan index to include all Wavescan scripts through December 2019.

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, February 9, 2019 -- Under DX "History/Stations," we have posted a writeup about Morocco: "Early Morocco Shortwave and Moroccan QSLs Through the Years." -- We have two new items on the "Specialized Resources" page. Adrian Peterson has filed another "Wavescan" entry: "Jungle Radio on Bougainville Island" (Wavescan N571, February 2, 2020). And from Colin Miller we have a recording of the Voice of Malaysia (Suara Malaysia), from around 1981.

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, February 16, 2020 -- This time, under "DX History/Recordings," we have posted the fourth (and final) group of recordings of shortwave broadcast stations in Colombia. These were recorded in the 1970s and 1980s. Colombia IV contains the following stations; ID locations are in [brackets]: (1) Caracol Carreno, Puerto Carreno, 5936 kHz., 1984 [:58]. - (2) La Voz del Cinaruco, Arauca, 4865 kHz., 1975 [:02]. - (3) La Voz del Llano, Villavicencio, 6115 kHz., 1978 [:33]. - (4) La Voz del Rio Arauca, Arauca, 4895 kHz., 1988 [:01, :24, 3:47, 4:02]. - (5) R. Colosal, Neiva, 4945 kHz., 1975 [:22]. - (6) R. Macarena, Villavicencio, 5973.5 kHz., 1983 [:38, 1:12]. - (7) R. Nueva Vida, Cucuta, 5569 kHz., 1986 [:52]. - (8) R. Santa Fe, Bogota, 4965 kHz., 1975 [:06]. - (9) R. Super de Bogota, 6065 kHz., 1975 [:09, :20]. - (10) R. Super de Cali, 6120 kHz., 1975 [:11]. - (11) R. Super de Medellin, 5953 kHz., 1975 [:46]. - (12) R. Transamazonica, San Jose del Guaviare, 6051.5 kHz., 1981 [:06, :28]. - (13) Radiodifusora Nacional del Colombia, Bogota, 15335 kHz., 1976 [:17, :50]. - And as a reminder of how things used to be, we have also posted a copy of the WRTH Colombia list from the 1979 edition. It listed 55 active shortwave frequencies.

**NASWA Facebook Page:** Join moderator Richard Murphy < [rm271828@gmail.com](mailto: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. 

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

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