

The **NASA** Journal

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APRIL 2019



The North American Shortwave Association
2019 William P. Eddings Award
Member of the Year

Bob Brossell

*Presented this 2nd day of March, 2019
at Plymouth Meeting, Pennsylvania
on the occasion of the 32nd Winter SWL Fest.*


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Be sure to note our new address!

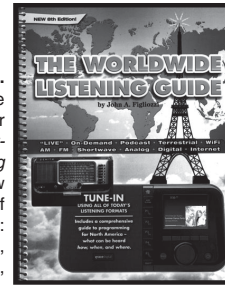


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Modeled on the author's popular *Worldwide Shortwave Listening Guide*, this new book covers all of today's formats: live on-demand, podcast, satellite, Internet, digital, analog, AM, FM, shortwave and wi-fi. Learn what can be heard how, where and when! Spiral bound 8th Ed. 192 p. ©2017. List \$29.95.

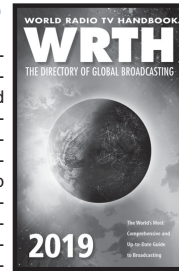
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2019 WORLD RADIO TV HANDBOOK

This respected 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. ©2018. 73rd Ed. 672 p. List \$49.95.

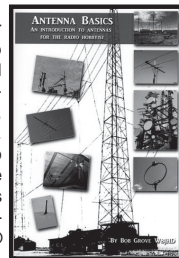
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By **Bob Grove**. If you are new to the radio monitoring hobby, and want a great introduction to antenna topics, this book is for you. Noted author, **Bob Grove** covers a wide range of topics in his usual clear and understandable manner. © 2017 Grove 75 p.

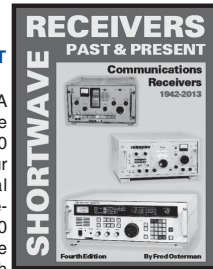
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SHORTWAVE RECEIVERS PAST & PRESENT 1942-2013

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NASWA Notes

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

The 32nd annual Winter SWL Festival is now in the history books. We had another great gathering at the Doubletree Suites Philadelphia West in Plymouth Meeting, Pennsylvania. About 100 hobbyists attended while we battled snow and threats of snow all weekend. Thanks to co-FESTmeisters **Rich Cuff** and **John Figliozzi** who organized the event and to the many volunteers and speakers that made the weekend special. **Bob Brossell**, of Pewaukee, WI, was selected by the club's Executive Council to be the recipient of the William P. Eddings Award as NASWA's 2019 member of the year. I had the pleasure of making the announcement at the Winter SWL Festival banquet on Saturday evening, March 2nd that Bob was the 2019 William P. Eddings Award recipient in recognition for his many years of outstanding and dedicated service as a regular contributor to the North American Shortwave Association. Bob's diligent contributions each week and each month to the quality and quantity of the *Flashsheet* and monthly bulletin helping to make NASWA, the *Flashsheet* and the *The Journal* the best shortwave broadcasting outfit in the world. His selection by the Executive Council for this honor is well deserved. The following is direct from Bob: "I am, to say the least, flabbergasted by your announcement. My reports are a product of my sincere admiration for this wonderful hobby and a desire to support the Flashsheet. I had no idea I would be recognized in this way. Thank you for your steadfast support and for being such a terrific friend! All the best and 73, Bob."

This month's cover, put together by **John Herkimer**, features our William P. Eddings

award recipient, Bob Brossell, as our member of the year. Bob is a regular and enthusiast contributor to the *Flashsheet* and *The Journal* so a picture of him sitting comfortably in his radio shack is an appropriate cover for this month bulletin.

From **Gayle Van Horn** at Teak Publishing we learn that from April 20 to May 3, WWV and WWVH will broadcast a Department of Defense (DOD) message at 10 minutes past the hour on WWV and at 50 minutes past the hour on WWVH. This April-May time period coincides with the Vital Connection interoperability exercise being held in Wisconsin. Future time slots will coincide with the Vital Connection exercise Ohio in June; DOD COMEX 19-3 in Aug and the DOD COMEX 19-4 in Oct. Following the proof of concept this year, they anticipate that the DOD broadcast time slot will become year-round full time. As mentioned above future broadcast may occur prior to selected DOD and Northcom exercises. This broadcast time slot will voice announce upcoming exercises and how the amateur radio community can become involved in various exercises. To begin, the broadcast messages will likely be static...future exercises hope to be able to update the broadcast throughout the exercise as notional conditions change. The broadcast message will ask listeners to provide reception reports and feedback to a specified URL. Tune into WWV/H on 2.5, 5, 10, 15, and 20 MHz and submit a reception report and requested feedback.

Also from Gayle and the ARRL Newsletter: With its funding secure for another year, WWV, the world's oldest continuously oper-

Unity and Friendship

ating radio station, will have extra reason to celebrate its centennial this fall. The National Institute of Standards and Technology (NIST) and the Northern Colorado Amateur Radio Club (NCARC) have teamed up to organize 100th-anniversary events. A memorandum of understanding is pending. The WWV Committee has announced that the call sign WW0WWV was granted on February 23 to the WWV Amateur Radio Club for use during the Amateur Radio special event, planned to run September 28 - October 2, with operators on the air around the clock. NCARC predicts the effort will require "hundreds" of volunteer operators. "The 100th anniversary is an occasion to celebrate radio and our understanding of the electromagnetic spectrum, and an opportunity to help people everywhere appreciate what radio does in their everyday lives," said Dave Swartz, W0DAS, who has been spearheading the on-the-air event. The WWV Committee met on February 22, with representatives of NCARC and NIST on hand, to further firm up plans for the centennial celebratory events. Although the US government cannot fund any Amateur Radio special event expenses, club members will be allowed to use a 15-acre parcel on WWV property, Swartz has explained. The operating site lies outside the security fence. For its part, NIST will focus on plans for an October 1 recognition ceremony and an open house at the radio station north of Fort Collins.

We are sold out of the QSL Grab Bags. Thanks to all of our club members that participated in this interesting program. **Ed Mauger**, who mans the club table at the Winter SWL Festival, sold several at that event while most were sold through the mail. We are now done until the next collection of QSLs are donated to the club for distribution. If you are looking to unload your QSL and/or pennant collection, the club can use it to help raise funds to offset future printing and postage cost increases.

From the British DX Club we have further information about the 2019 EDXC Conference that is being held in Andorra. Registration will open on the afternoon of Friday 6 September and the conference will start that evening. Conference sessions and excursions (still at the planning stages) will run on Saturday 7th and Sunday 8th September. Organizers may arrange an informal day of local exploration for those who wish to stay on after the conference on Monday 9th September. We are also looking at possibilities of an EDXC visit to Toulouse or Barcelona for a couple of days after the conference. The conference will be held at the Golden Tulip Andorra Fenix Hotel, C/Prat Gran 3-5, AD700, Escaldes-Engordany, Andorra, Europe. Single room EUR75.12; Double/Twin room EUR85.85; Triple room EUR122.33. Extra nights are at the same prices. To book, e-mail reserves@daguisa.com. Specify 'Golden Tulip EDXC Meeting' and your name. You must also pay a deposit of 30% by credit card. The rest will be paid directly to the hotel. Cancellation rules: free cancellation up to 7 days before arrival, after 100% of the price will be charged. (These are the usual conditions of the hotel). If possible, please book accommodation before 1st June, but the price is still guaranteed after www.andorrafenixhotel.com. Andorra is located between France and Spain, but has no airport or train line. The closest railway station is in Hospitalet-Andorre, with regular regional connections from Toulouse. Also a direct night train from Paris Austerlitz (in 10 hours). There is a bus to Andorra from there. The fastest way to reach Andorra is by plane to Toulouse or Barcelona. Buses to Andorra from those two cities are priced around EUR60 for a round trip. More at <https://edxc-news.wordpress.com>. For other events see the club website www.bdx.org.uk and <http://rsgb.org/main/news/rallies>.

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



Musings

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

Please e-mail musings as MS Word attachments to jalinebk@gmail.com or mail to 4422 Sierra Del Sol, Paradise, CA 95969-8116. Next deadline is April 24, 2019.

Jerry Alice Lineback, jalinebk@gmail.com, Paradise, CA 95969

No Musings received this month. So sad! This Musings column in the Journal is a forum for you to share your thoughts and memories regarding our mutual hobby. Please do so, preferably by e-mail.

A brief update on our situation here is that our house is being worked on and cleaned. The process will be slow and we do not expect to be back home until late April, nearly six months after the fire. We are still in Roseville. Our Snail Mail is being forwarded to us here and we have home delivery of items not forwarded. We do go up to Paradise a couple of times a week to check on the house and mail. Us girls (people and cats) are surviving in our 400 sq ft but we all wanna go home asap.

73, Jerry Alice

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

The 32nd (!) Winter SWL Fest is in the books

It was great to see many club members join us for the Winter SWL Fest. The expertise of the forum presenters and the quality of radios available for listening continue to amaze me each year, and this year was no exception – I am sure everyone in attendance was able to pick up something that will help them enjoy radio a little bit more. I suspect you'll see mention of the Fest in other columns here in the April *Journal*.

We also had a nice pickup of e-Memberships at the Fest, as we had samples available for folks to peruse (and buy), and the attractive pricing and convenience of e-Membership motivated several to join NASWA for the first time, or to re-establish lapsed memberships. Since the bulletin is printed digitally nowadays, we aren't as sensitive to quantity variations (i.e. the monthly print run) as used to be the case in offset printing days. We can still be viable even as folks convert from a print-based membership to an electronic membership.

We expect the Fest to have a late February date in 2020, so go ahead and get your calendar marked now so you don't miss out.

PayPal memberships and renewals working well

Now that we have the capability to process PayPal memberships on the NASWA website, we're seeing folks take advantage of the convenience of PayPal to quickly and easily renew their annual membership. True, we ask for \$1 more for a PayPal payment, but you save on the cost of a postage stamp and the cost of a paper check or money order. You can take advantage of this option for either a paper membership renewal (\$33) or an e-membership renewal (\$16).

You don't even need to be a PayPal member to use this approach – you can use a credit or debit card without signing up for PayPal itself.

At the NASWA website – <http://naswa.net> – look for the tab labeled *Membership* and you'll find the link to PayPal there.

What else would you like to see on the NASWA Website?

As we work to update and tweak the information on the NASWA website, what functionality would be of interest? We don't plan to reinvent the wheel – after all, there

are plenty of shortwave broadcast-related resources already available on the World Wide Web. But, if there is something you believe NASWA could uniquely offer members, do send suggestions my way.

I would expect the most important function of NASWeb would continue to be its role at recruiting prospective members – to give folks an idea of the content that comes your way each month.

Don't forget the Flashsheet, e-mail group, and Facebook

You see these reminders sprinkled about the *Journal* each month, but I'll highlight them here as well. We have several Internet-based resources available that can provide updates on shortwave listening between each month's *Journal*. The Flashsheet can inform you of what's being heard on a weekly basis – to provide you with a handy list of tuning targets. The e-mail group can offer a nearly instantaneous heads-up of band openings, one-off broadcasts, frequency changes, and the like, delayed only by how often you check your e-mail. The Facebook group is good for extemporaneous chitchat – like the days of Internet Relay Chat – and provides an easy way to embed photos and videos to comments.

See you next month!



New Address

Please note that NASWA has a new address:

P.O. Box 3292, Allentown, PA 18106

E-mail can be sent to hq@naswa.net. The 45 Wildflower Road address is now closed.

Listening Review

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

Hello and welcome to the April edition of Listening Review.

Classical Music on Shortwave

Around 50 years ago, when I was about 11 or 12, I was given three classical music LPs by my parents. I have no idea why they gave them to me - I hadn't shown any interest in classical music and (as far as I'm aware) they also had no interest in classical music. I wish I had asked them, but alas too late now. However, it was inspired! - the music from all three of those LPs are now firm favourites of mine. Top of those three was Bolero (long before the music was hijacked by a film and later Torvill & Dean). The other two LPs were the 1812 Overture and the Planets Suite. So, with this in mind, and (although I still know very little about classical music), I always enjoy listening to classical music on shortwave. It is therefore a pleasure to see a new station, Radio Tumbil, being heard on the shortwaves (via Channel 292 and via WBCQ) with a weekly show called *Encore* playing well-known, or at least, very familiar, pieces of classical music.

Encore is scheduled as follows:

1500-1600UT Sundays and 1900-2000UT Fridays on 6070kHz (via Channel 292), and 0000-0100UT Mondays on 7490kHz (via WBCQ)

There are, however, some other notable programs of classical music to be heard. Here is a quick summary:

R Romania Int.

The Romanian service includes a one hour re-broadcast of *Radio Concert Season* (a rebroadcast from Friday night's two-hour broadcast on domestic R Romania Muzical) is broadcast Sundays, which I expect in the new A-19 broadcast season to be heard from 0100-0156UTC on 7420 and 9790kHz.

The English service also has a ten-minute program of classical music in *Music Highlights*, which (from 31 March) airs on Wednesdays and Thursdays 1730-1740 and 2230-2240UTC and Thursdays and Fridays at 0030-0040, 0330-0340 and 1130-1140UTC

ORF Austrian R.

The single remaining transmission by ORF, in German during the European mornings from 0500-0630UTC (from 31 March) on 6155kHz, usually plays classical music extracts for all or part of the time between 0530-0630.

Vatican R.

Classical music can sometimes be heard towards the end of special broadcasts where the event being covered has ended prior to the end of the scheduled special transmission. The special broadcasts are listed, often at fairly short notice, at: <https://www.vaticannews.va/it/epg.html#events>. Increasingly these broadcasts are heard via satellite or internet, however with some luck you will find some of these on shortwave.

China R Int.

Various CRI language services, excluding English, often has some classical music - particularly the Polish service (at weekends, I think). Try 6020 or 7305kHz at 2030-2100UTC.

From The Isle of Music.

Finally, FTIOM occasionally features Cuban classical music, which is scheduled on Tuesdays 1900-2000 and Saturdays 1200-1300UT on 6070kHz (via Channel 292), Tuesdays 0000-

0100UT on 7490kHz (via WBCQ) and Sundays 1500-1600UT on 9400kHz (via Spaceline, Bulgaria).

Until next time, 73's - Alan



International Broadcasting

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

Trump Administration proposes big cuts to USAGM

The Trump Administration budget proposal for Fiscal Year 2020 (bit.ly/2Ukh7AG) includes some major reductions for U.S. international broadcasting, consisting of the U.S. Agency for Global Media (USAGM, until recently known as the Broadcasting Board of Governors) and its entities. Overall, the USAGM budget would be reduced by 22% from 2019 to 2020, from \$808 million to \$628 million.

Of course, the administration's budget proposal is just a starting point in a lengthy process involving both houses of Congress, whose members will have their own ideas about U.S. international broadcasting spending. The reductions will likely not be as dramatic when a budget is finally enacted, and there could even be some increases.

From the administration proposal, of the USAGM entities, Office of Cuba Broadcasting (the Martís) takes the biggest hit with a 55% reduction. This is followed by Radio Free Europe/Radio Liberty (30%), Voice of America and Radio Free Asia (24% each). The Middle East being the U.S. foreign policy "flavor of the month," it is not surprising that Middle East Broadcasting Networks (Alhurra TV and Radio Sawa, both Arabic-language outlets)

would endure the smallest decrease (13%).

Support services would also see reductions, including a 17% cut to USAGM's polysyllabic Office of Technology, Services and Innovation (TSI), whose remit includes shortwave and medium wave transmission. From the budget proposal: "TSI will significantly reduce its portfolio of cross-border shortwave and medium wave radio transmissions, largely prioritizing cuts where the audiences are smallest, in order to free up resources for digital and other platforms. In addition to cutting broadcasts from USAGM owned and operated transmission facilities, TSI will reduce, renegotiate, or eliminate costly leased transmission services wherever possible. These reductions will impact USAGM broadcast operations to certain target regions."

Whither Greenville?

The Greenville site is specifically mentioned: "Starting in FY 2018 and finishing in FY 2019, TSI is installing and deploying three newer SW transmitters at the Greenville, NC transmitting station. The three newly installed transmitters replace transmitters that were obsolete and highly inefficient and expensive to operate. Many replacement parts were unavailable and had to be custom manufactured, affecting transmitter availability. The newly installed transmitters will provide in-

creased transmission capability to Cuba at a lower operational cost and greater reliability.”

But the Greenville facility is actually funded by the Office of Cuba Broadcasting, it being used mostly for Radio Martí. From the proposal, ominous language: “OCB also administers the USAGM’s shortwave transmitting station in Greenville, North Carolina. Radio and TV Martí works daily with independent journalists and members of the civil society. According to industry data, almost 40 percent of the Cuban population has limited access to internet, and in a population of over 11 million inhabitants, there are now an estimated 4.5 million cellular phones in Cuba. A substantial number of Cubans are using Facebook and other social media, and OCB’s social media presence has increased on those platforms.”

So it looks like OCB and USAGM are satisfied with the progress of access to new media in Cuba, strongly hinting that the Greenville shortwave site may no longer be needed.

Elsewhere, in Africa, the surviving shortwave mainstay, handwriting is on the wall: “While shortwave continues to be a relevant means of delivery in several African markets, in most countries rapid growth and competition in the media market have shifted radio habits heavily towards FM. The USAGM provides 24/7 FM radio programming in over 30 markets across the continent.”

VOA English will be reduced

In proposed content changes, VOA’s output in English will be reduced, “leaving only coverage of U.S.- focused topics (science and technology, U.S politics, U.S. governmental and social systems), resulting in VOA language services generating the majority of their own content and the refocusing of voanews.com

from a general news site to a specialty site (about the U.S. and activities in the territories served by VOA).”

Other VOA cuts will include the elimination of its Mandarin and Cantonese radio services, and a 50% reduction of the VOA Russian Service. VOA’s Afghanistan service will become television-only, with radio and internet output shifted to RFE/RL. VOA will reduce radio broadcasts to Indonesia by 50 percent.

RFE/RL “will discontinue Radio Mashaal, RFE/RL’s Pashto-language service targeted to Pakistan’s tribal areas, which was previously funded with OCO funds.” VOA will continue to this region but “will make reductions in radio broadcasts to the Afghanistan/Pakistan border region.”

RFE/RL “will eliminate its Georgian Service, Tatar-Bashkir Service, and North Caucasus Language Service. RFE/RL will also reduce its Balkans Service by discontinuing operations in Montenegrin and Macedonian. Given the planned discontinuation of MW transmissions from Lithuania, RFE/RL will also discontinue Belarusian radio operations. RFE/RL’s Belarusian Service will complete its transition to digital, including audio content in its digital strategy. RFE/RL will also continue to shift Radio Farda to digital.” That, presumably, means less shortwave and medium wave.

Radio Free Asia “will eliminate Cambodian and Mandarin Services which will save \$8 million in salaries and benefits, \$2 million in operations, and \$0.5 million in headquarters rent when the sublet spaces are vacated by the services.”

The “USAGM 2020 Congressional Budget Justification” (pdf: bit.ly/2uyvfrA) contains many other dire reduction proposals on pages 141-145.

Time for a merger

Although, as mentioned above, the reductions will probably ultimately not be as bad as the Trump Administration proposal, they could still be significant. The dramatic irony (understood by the audience but not grasped by the characters) of the proposal document is that, in many cases, more than one entity provides output in the same language to the same target countries. There are also mentions of one entity taking over the responsibility of the other entity when the latter bows out of a language service to accommodate the reductions. Or two entities cooperating on a single media product.

So why not just have one entity? The typical response is that VOA ‘tells America’s story’ while the ‘surrogate’ provides news about the target country. If this were true, audiences would have to go to two USAGM sources to get all the news. But it’s not true: VOA provides news about its target countries – it must to attract an audience – as well as providing news about the United States. The BBC can do it all within one World Service. So can the Americans.

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

Shortwave Center

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

While you’re enduring April showers, you can read up on this year’s Winter SWL Fest. Rich D’Angelo gives us a comprehensive report.

SHORTWAVE CONFERENCES

The 2019 Winter SWL Festival

An Insiders Look at this Year’s Gathering

By Richard A. D’Angelo

Late winter brings the annual Winter SWL Festival to the Doubletree Inn and Suites in Plymouth Meeting. This year’s event took place on February 28, 2019 through March 2, 2019. We had some snow to contend with this year waking up on Friday morning and the region experienced some additional snow on Saturday morning. Also, a snow event was predicted for Sunday’s departure day making this a snow inFESTed meeting. Although total attendance was lower, about 100, the folks that were at the gathering had a good

time. Also, we were able to have electricity for the entire FEST helping to keep up the cheerful gathering. The following club Staff members attended this year: Rich Cuff, Rich D’Angelo, Kim Andrew Elliott, John Figliozi, Gary Neal, Dave Turnick and George Zeller.

This year’s gathering in Plymouth Meeting was another three day event commencing on Thursday afternoon. Dave Turnick and I drove down in time to get our usual kick off sandwich from Fat Daddy’s prior to the first session. While eating in the hotel courtyard we were able to say hello to fellow participants



The schedule kicked off at 1300 local time with an interesting presentation by Matt Blaze about "Monitoring Federal Two Way Communications". Matt explained how to set up a network capable of monitoring every two way transmission in various cities and how to deal with encryption on a small budget without getting arrested. As usual, Matt brought a lot of knowledge to his presentation and some interesting and humorous perspectives. The FEST was off and running!

and begin the conversations that would continue throughout the weekend.

This year saw an interesting technology change by the FESTmeisters, Rich Cuff and John Figliozzi, with an electronic schedule being available eliminating the need for a paper schedule in the participant packets (and saving the organizers considerable up front time and effort). This was met with a touch of skepticism by a few of those planning to attend thus paper copies of the electronic schedule was made available to attendees as a separate handout. Only one participant at this year's gathering didn't have an e-mail address but the lack of paper programs was a tripping point this year. Maybe a paperless program will be more acceptable next year?

Thursday

The registration table and exhibit room opened at 1200 local time and stayed open until 1730 local time. This is where attendees pick up their registration material including the Winter SWL Festival souvenir gift pen. This is also a good place to run into friends and make new acquaintances.

Another interesting presentation followed at 1430 local time with Tracy Wood discussing "Broadcasting and Language: A SWL's New Perspective". Tracy focused on how broadcasting services help to revive and advance "minority" languages often threatened by the larger global languages such as English and French to promote national and regional identities. Prime examples were Suomi (Norway), Quechua/Aymara (Bolivia), Frisian (Netherlands/Germany), Welsh (Wales) and Basques (Spain). It was another lively and informative session.



The last afternoon session was Dan Robinson with "Digging Through the Pages of Popular Communications". Dan dug through the online archive of Popular Communications magazine unearthing some fascinating historical information in this trip down memory lane session. There was a constant "old time" picture gallery displayed of DXers photos that appeared in its pages over the decades. Many communications receivers advertisements were seen (Icom R-70 and R-71, NRD 515 and NRD 535, Drake R-8 and SSR-1, etc.). The walk down memory lane was an excellent way to end the afternoon festivities.

Dinner was on your own where many different groups form a go out for dinner. Dave Turnick, Ron Hunsicker and I went to a local Korean restaurant. We have been to this Korean restaurant before and enjoyed the good tasting food, however, at 1830 local time we were the only people in the place. We sat down and placed our order and as time went by the restaurant became packed with local Korean folks. We had another great Korean meal.



The Exhibit Room reopened at 1900 local time and stayed open until 2000 local time. At that hour the Second Annual FEST Trivia Quiz lead by Sheldon Harvey and Mickey Delmage commenced. The quiz tested the par-

ticipants overall knowledge of radio – AM, shortwave, utilities, transmitter sites, station names, call letters, interval signals, radio personalities, program names and a host of other stuff. This took almost three hours before Tracy Wood finished on top of the pile of this year's contestants. Well done Tracy!

Friday

The second day of the Winter SWL Festival began with the exhibit room opening up at 0800 local time. New registrations would be taken until 1130 local time. People slowly gathered in the exhibit room after the hotel's breakfast buffet.

A tradition at each FEST is Tom Swisher (part of the Scanner Scum contingent). This year he covered "What Else Can You Listen to With a Scanner" in another lively and interesting forum that commenced at 0900 local time. With local police slowly moving toward encryption, the question of what else can you hear was ably covered by Tom in the traditional Scanner Scum forum.

At 1030 local time Janice Laws and "Radio on the Road Redux" commenced. Janice has traveled to ninety-one countries including participation in three global United Nations missions. Janice described radio in many of these countries including audio samples of some of the stations heard as well as numerous pictures of her travel adventures.

The morning ended with the hospitality room and receiver demonstrations opening for a few hours. They stayed open until 1330 local time when the next forum session commenced. Lunch was another on your own affair.

The afternoon sessions kicked off with veteran FEST presenter A. J. "Skip" Arey and "Portable Passions". This session covered playing

radio from the field, parks, camping and even pedestrian mobile. Everything was covered including rigs, antennas, accessories, and the all important topic of power sources.

At 1500 local time we got an update by Harry Scott of Radio Free Asia with his forum entitled "RFA Today". The big news from this session was that Saipan has returned one transmitter to service with the rest of the transmitters expected to return to service during the course of the next few months. The transmitter return to service was much faster than the original schedule of at least twelve months from last October when the typhoon hit the islands.



The final afternoon forum session was at 1630 local time when Allan Loudell presented "From U.S. High School Radio to Commercial Radio: The Good, the Bad and the Ugly over half a Century!" Allan began as a DX'er and QSL collector back in 1966 and has been on the air in some form or other since 1969 beginning with high school radio. Today he works at medium market station WDEL in Wilmington, DE. Allan gave an interesting talk about his trials and tribulations in radio making

a strong case for high schools continuing to provide such opportunities for young people.

The Hospitality Room and Receiver Demonstrations reopened at 1730 local time and stayed open until 2400 local time. The Swap Meet commenced at 1900 local time in the Exhibit Room. After dinner there were two more events to round out the program day. First up was Pete Tridish with "Community Radio in the Americas and Beyond" where he discussed FM Community Radio stations that continue to pop up around the world even as other listening technologies mature.

The second evening activity was David Goren and the "Annual Shortwave Shindig". The program included a lot of stories, songs by Saul Brody and vintage sounds. David also played his excellent soon to be released on the BBC World Service two part documentary feature on FM pirate radio scene in the New York City area.

Saturday

Finland's Risto Vähäkainu returned to the FEST, at 0900 local time, after a few year's absence with the "State of the Hobby: The View from Europe" where he discussed the hobby as it exists in Europe today during this forum session. Risto was in charge of the European DX Council for several years and continues to be actively involved in organized hobby matters within the European community.

At 1000 local time the Silent Auction opened. The silent auction is a traditional event where hobby related material is donated with the proceeds going to charity. There was a surprising number of very good items appearing this year.

Another FEST tradition is the annual "Pirate Radio Session" lead by Pirate DXpert George

Zeller. George gave an update on the pirate act working its way (slowly) through Congress. Chris Lobdell announced the addition of Partial India Radio to the North American Pirate Hall of Fame. George suffered a printer malfunction this year so Larry Will developed a power point presentation which replaced George's traditional paper handout at these events. Larry also provided an update on the new transmitter project at WBCQ (they purchased 100 acre potato farm next door, new power lines run to the station, 9 inch diameter feed-line, 500 KW Continental transmitter, fully rotate the antenna, expect to fire up for testing in summer using 9,330 kHz). Finally, Andy Yoder talked about the release of the upcoming Pirate Radio Annual (actually bi-annual).

Similar to yesterday, the hospitality room and receiver demonstrations opened after the morning sessions concluded. Another day with lunch on your own.



At 1330 the afternoon session began. Chicago's Mike Nikolich presented "The Urban DXer" which reflected his efforts to keep his radio hobby alive after moving into a 24th floor condo downtown. Mike presented and

talked about construction of his "Go Box" for all his radio gear including a custom rechargeable battery pack and various mobile antenna solutions for amateur radio and shortwave DXing off the grid.

At 1500 Dan Robinson, Skip Arey and David Goren lead the final forum of the gathering entitled "Shortwave Memories". This provided an opportunity for a number of attendees to discuss what shortwave radio has meant to them throughout their lives putting needed focus on the human side of the hobby as opposed to the mechanical or technical aspects of radio.

After the final session, folks gathered around the Silent Auction jockeying to place their final bids. At 1630 local time the Silent Auction came to an end with just under \$600 collected for charity. The Exhibit Room also closed as preparation for the evening banquet by the hotel staff commenced.

The Banquet

At 1800 local time the Cocktail Party began followed with the buffet banquet meal starting at 1830 local time. Nothing like some food and drink to get things off on the right foot! After the banquet dinner there were several opportunities to buy additional raffle tickets from Gary Neal.

Once things settled down, Rich Cuff moved through the list of items to be covered during the evening. After the many "thanks yous" to all that helped out this year, I got to announce that Bob Brossell was our William P. Eddings award recipient as the club's member of the year. Well done Bob!

Sheldon Harvey hosted the "In Memorial" segment recognizing folks in the hobby that past away during the last year as well as other well known radio names too. Ed Mauger provided the black cape and sickle to accompany the hobby's official Grim Reaper. Supporting Sheldon's efforts were Gary Donnelly who said some words about Don Schimmel, Skip Arey said some words about Jon Cohen and myself who offered a few words about Bill Oliver's passing.

Jeff White spoke next about what he was doing at WRMI and lead into the introduction of our banquet speaker, Paul Ladd who is a Senior Correspondent at World Christian Broadcasting (KNLS and Madagascar World Voice). Paul spoke about "Why Shortwave Still Matters" as well talking about the broadcasting facilities at the Alaska and Madagascar stations (see Listeners Notebook for the technical details).

After another chance to buy raffle tickets from our super raffle ticket salesman Gary Neal, George Zeller was called upon to host the final event of the evening, the prize raffle. George has many outfits and toys

to select for this occasion and after a few opening words the prize giveaway actually commenced. Rich Cuff and John Figliozzi helped George with the prize distribution. David Goren was this year's grand prize winner of an Icom 7300 HF transceiver. Once the raffle was completed folks began dispersing and final conversations lasting well into the night with many folks gathered in the hospitality room. I understand, if one were to know such things, that the Midnight Ride of Pancho Villa took place at the appointed hour of Midnight with a shortwave frequency made available this year joining the array of FM channels for the broadcast.

The FESTmeisters announced that next year the event would take place the last weekend in February which is a leap year in 2020. Whether we go two days or three days has yet to be determined although the crowd indicated a strong interest in another three day gathering. Of course, a three day event means plenty of forum sessions which need volunteers to make things happen. In any case, whether it is two or three days, we will see you in Plymouth Meeting for leap year in 2020!

SHORTWAVE HISTORY

A Look Back at Six Decades of VOA Broadcasting in Czech Language

by Brian Kenety 27-02-2019

(via Prof. Dr. Hansjoerg Biener-D, wwdxc BC-DX TopNews March 7)

Voice of America (VOA), today the largest U.S. government-funded international broadcaster, ceased its Czech language broadcasts exactly 15 years ago today, on 27 February

2004, shortly ahead of the country's accession to the European Union. The move followed budget cuts by the U.S. Congress and, the Cold War long over, a shift to "new audiences and new priorities". We look back at the station's local legacy.

VOA began broadcasting in the Czech language in 1942, the year it was established,

and continued to do so throughout the Cold War, when it was for the most part less subject to jamming than its more famous counterpart, Radio Free Europe/Radio Liberty.

“The Voice”, as the station is also known, was born during the propaganda battles of World War II. It was continued during peacetime under a special act to combat Soviet propaganda and operated by the U.S. State Department.

In its early days, the Czech broadcast was best known to listeners for shows featuring the comedic acting duo of Jiri Voskovec and Jan Werich, who broadcast to their occupied country via VOA. In a 1945 piece airing on the anniversary of Czechoslovakia’s foundation, Werich, then in New York, addressed listeners at home:

“Greetings friends, this is Voskovec minus Werich, at my American eyepiece. Today we’re celebrating our October freedom. After the first October 28, in 1918, today is the most beautiful of all the twenty-seven October 28s since then. Not just because after so many years we are celebrating it freely again - this year as well as our October freedom we also have our May freedom.”

RFE/RL concentrated on the internal affairs of the Soviet Union and its satellites. VOA, as the official spokesman of the American government, was somewhat less provocative - its mission being to inform the world about Washington’s take on events, not to present a direct alternative source. And so it was tolerated. In April 1964, for example, while Czechoslovakia discontinued its jamming of VOA and the BBC, it still blocked RFE transmissions. After the Warsaw Pact invasion, the USSR resumed massive jamming of both, until 1973.

This isn’t to say VOA was apolitical. For example, journalist Ivan Medek, based in Vienna, regularly delivered news about the Charter 77 protest movement. And by the second half of the 1980s, VOA was more openly political, and the most listened to foreign station broadcasting in Czech.

It got its first Prague correspondent, the Czech-speaking US journalist Jolyon Naegelle - who interviewed dissidents and Charter 77 signatories such as Vaclav Havel and Jiri Dienstbier.

But it may have been “soft power” - programmes dedicated to books, film and music - that drew most listeners in. Writer Josef Škvorecký, for example, hosted a show reviewing books and interpreting literature. Sometimes, broadcasters even explained the English-language lyrics - in real time - such as to Louis Armstrong’s “It’s a Wonderful World”.

As noted by the Prague-based Institute for the Study of Totalitarian Regimes, the broadcasts of both RFE/RL and VOA reflect various phases in Western policy over the decades, from “containing Communism” to “the emancipation of subjugated countries” to gradualism (efforts to support natural liberalisation within Eastern Bloc states), detente (relaxation of relations after accepting the fixed status of the other side), the New Cold War, and its conclusion.

<https://www.radio.cz/en/section/curraffrs/a-look-back-at-six-decades-of-voa-broadcasting-in-czech>

SHORTWAVE HISTORY

Adrian Peterson's Diary

The Radio Scene on Van Slyck Island [Schenectady]

About 160 miles north of New York City in upstate New York and just 20 miles northwest of the state capital Albany lies the city of Schenectady. Back in the early 1700s when New York City was known as New Amsterdam, the whole upstate area was known as New Netherlands, and still to this day many of the place names there are of Dutch origin. Schenectady itself began as a Dutch settlement known as Van Slyck Island, an area of fertile farmland on the south side of the Mohawk River. Van Slyck as an island can still be seen on maps to this day, but few people realize its significance as the birthplace for a very early historic wireless station.

The original callsign for this almost unknown wireless station was 2XI; it was built in Schenectady, New York state, it was the first wireless station installed at the comparatively new factory operated by the General Electric Company, it is an acknowledged forerunner to the now well-known giant mediumwave station WGY, and it was thus also the ancestor for the Voice of America shortwave relay stations, WGEA and WGEO.

It was in 1890 that the well-known American inventor, Thomas Alva Edison, formed his wireless manufacturing company, Edison General Electric, in Schenectady, New York. Two years later, and after a merger with Thomson-Houston, the company name was changed to the now very familiar General Electric.

According to the encyclopedia, General Electric is now the 3rd largest company in the world, with a third of a million employees. Interestingly, the sprawling GE Company in Schenectady, with its several hundred buildings, is listed with its own postal Zipcode number, a quite unique number, 12345.

During the few weeks before Christmas each year, GE Schenectady, at their postcode address 12345, receives hundreds, even thousands, of letters from children who are writing to Santa Claus with their Christmas wish list. All of these letters are answered.

The purpose for the experimental wireless station 2XI was for the testing, development and improvement of wireless transmitters. The station was apparently in spasmodic use up until World War 1, when the vast majority of experimental wireless stations throughout the United States were closed.

Then, in November 1920, the callsign 2XI was again re-issued to General Electric, Schenectady, for experimental shortwave research. This unique call was finally deleted in April 1932.

On February 20, 1922, a new mediumwave station was inaugurated at their manufacturing plant with 1.5 kW on 360 m, 833 kHz. The studio was installed in GE Building 36, and the transmitter was installed a half mile away in GE Building 40, with the antenna towers on top.

The callsign for this new mediumwave station was WGY, simply a sequentially issued callsign with no specific meaning. However, the letters WGY were conveniently taken to signify: W for Wireless, G for General Electric, and Y for the last letter in Schenectady. Mediumwave WGY was in fact the second commercial radio station licensed in the USA, after WBZ in Springfield, Massachusetts, which was operated by Westinghouse

Two years later, the WGY studios were moved into a new building at 1 River Road, and a new transmitter was installed into a new building identified as South Schenectady, a location that is still in use to this day. Station WGY also became a super power station back in the pre-war days, with an experimental transmitter operating at 100 kW, and even at 200 kW. The after-hours test broadcasts on super high power were conducted under the callsign W2XAG.

In fact, the GE transmitter facility at South Schenectady was licensed with anywhere up to 3 dozen different callsigns for experimental usage in the longwave, mediumwave, shortwave, ultra-shortwave, FM & TV bands. Some of these callsigns were noted on air and reported to radio magazines by international radio monitors living in North America, Europe, Latin America, and the South Pacific.

For example, shortwave callsign W2X0 was noted in the United States and Australia in the early 1930s on 12850 kHz with a program relay taken from mediumwave WGY. Other callsigns noted by international radio monitors in the prewar era were W2XAC on shortwave 8690 kHz, W2XAG on mediumwave 379 m (790 kHz), W2XAH with 40 kW on longwave 300 kHz, and W2XAW on low band shortwave 2150 kHz.

In addition, GE at South Schenectady also operated the following additional transmitters:

- W2XCH on behalf of the local airport;
- International communication with South America on 9615 kHz under the callsign W2XAT;
- The world's first experimental TV station in the old mechanical system under the callsign 2XB (1928);
- A communication channel on behalf of the local police authority.

They also installed a small 50 watt shortwave transmitter into a truck for use in the relay of programming from remote locations back to the WGY studios. This 1924 remote unit was licensed as W2XJH.

In July 1924, GE was on the air for the first time with three transmitters in parallel. These transmitters were WGY with 5 kW on 790 kHz; and two shortwave outlets, on 3 MHz & 21 MHz, the highest frequency ever in use during that era. The callsigns for the two shortwave channels were apparently W2XK and W2XAW.

By the middle of the following year, 1925, GE was on the air with a total of six transmitters; one mediumwave, one longwave and four shortwave. Then during the end of the next year again, 1926, GE was operating 11 transmitters at their South Schenectady site.

In fact, on one occasion, in November, they placed seven of these transmitters on the air simultaneously, all carrying the same program relay from mediumwave WGY. It was at this stage that GE described its transmitter facility in South Schenectady as the most powerful shortwave station in the world.

Their receiver station for the reception of broadcasts and communication traffic from other shortwave stations, American as well as foreign, was installed at an isolated location some seven miles north of Schenectady, a dozen miles distant from the transmitter base.

Thus it is that August 13 this year 2019 forms the 107th anniversary of the first GE wireless station, 2XI, located at Van Slyck Island Schenectady in New York State.

(Continued from last month's SWC...)

What is the Future for VOA Saipan? – 2 A Shortwave Station with Three or Four Consecutive Callsigns

The earliest beginnings for this shortwave station, KYOI on Saipan, can be traced back to mediumwave station KUAM on the island of Guam, and their intended plan in 1975 to install a 100 kW shortwave station for wide area coverage in the Pacific.

The owner of mediumwave KUAM on Guam was Lawrence Berger, who also owned two other radio/TV station complexes in the Pacific; WVUV in Pago Pago, American Samoa, and KHVH in Honolulu, Hawaii. Five years later (1980), the unfulfilled plan for his shortwave station on Guam was transferred to a new location on Saipan. Back at that time, shortwave radio was hugely popular among the younger generation in Japan, and the new KYOI hoped to appeal to a large audience who enjoyed modern American and Japanese music.

This new station was owned by Marcom, Mariana Communications, Inc., a limited liability company with 50% shares held by Lawrence Berger, and the remaining shares held by Fred Zeder and Adrian Perry. The chosen American callsign was KYOI, and YOI in the Japanese language suggests "good" and "joy".

The Marcom radio company procured 8 acres of brush jungle at Agingan Point on the

southwest coast of Saipan, and they cleared it for their new shortwave station. Work on the new Saipan shortwave station began in 1982, and a subsequent photograph, as published in the British radio magazine Practical Wireless for March 1983, showed the new building for KYOI under construction.

This solid concrete transmitter building, with an internal area of 2,000 square feet, was designed to withstand the winds of a typhoon up to 150 mph, and an earthquake up to level 3. The transmitter building also contained a small coordinating studio and office.

Initially, Marcom announced that a 100 kW Harris shortwave transmitter would be installed, but instead they procured a 100 kW Continental from Dallas Texas, Model No 418D2. An internal computer system was incorporated into the transmitter itself, and this was programmed to automatically change the operating frequency four times a day.

The original high gain antenna system at 23 db was manufactured by TCI, Model 611, and it was suspended from two towers 170 ft. high. The antenna was beamed towards Tokyo at 340 degrees, though it also gave a good back beam radiation towards New Zealand. A staff of six technical personnel main-

tained the station for its non-stop 24 hour a day operation.

In addition, the station was also provided with its own 450 kW diesel operated power generator, as well as a water catchment system with a capacity of 2500 gallons. The first test signals from the new shortwave station KYOI were noted in Australia on December 17, 1982 when test tones were transmitted on 15190 kHz.

Programming for the new shortwave station was produced in two languages, Japanese and English, by the Drake Chenault Company in Los Angeles, California, and the recorded tapes were air freighted to Saipan each week. The programming was then transferred into the computer system at KYOI, up to one week in advance of the broadcast date.

Regular programming consisted almost entirely of non-stop, modern-style music, with station announcements and advertisements in both Japanese and English. The time call was given in Japanese Standard Time.

However, after just three years on the air, commercial shortwave station KYOI on Saipan was struggling financially. Listeners were surprised in November 1985 to hear on-air announcements appealing for funding. In August of the following year (1986),

KYOI announced that a remarkable \$20,000 had been received from listeners, but that was still insufficient to maintain all of the necessary activities of the station. However, at the same time, it was revealed that negotiations were underway for the purchase of the station by Christian Science in Boston, Massachusetts.

The effective date for the acquisition of the station by Christian Science was December 31, 1986, though Marcom did not announce this information until March 15 of the following year (1987). Thus Super Rock KYOI in Saipan was on the air under Marcom ownership as a commercial shortwave station for a period of just a few days more than four years.

During that four year period, station KYOI acknowledged listener reception reports with thousands of QSL cards, all posted from Saipan itself. At least four different printings of their QSL card are known, though each featured their artistic representation of Big Bird.

Their first QSL card gave the Saipan postal address as Box 795, though this was changed soon afterwards to Box 1387. These QSL cards were printed in Japanese and English, though the cards were printed separately in each language.

(To be continued...)



NASWA Email Group (Updated Address!)

Join moderator **Dan Ferguson**, the club's Email 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. 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 Email Group, moderated by Dan Ferguson (k4voa@zerobeat.org), but not interested in registering direct with Yahoo should contact Dan direct by e-mail for further information. Dan can manually add you to the group.



Listener's Notebook

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

Times are UTC and frequencies in kHz.

ALASKA We have two 100 kilowatt transmitters and two antennas in Anchor Point. Both transmitters are from Continental Electronics. One is a model 418 F and the other a 418 G. They are similar in design, but the 418 G is fully automatic and uses digital control circuit and servo systems. The 418 F is analog. Each cost about a million dollars apiece. Their cooling system is water. As for the antennas: They're made by TCI Communications and are 4 X 4X 4 curtain types, meaning each has four dipole elements by four stacks by four arrays. All three have a horizontal polarization. They're capable of 5 to 12 megahertz only. KNLS is powered by commercial power. In order to operate on 100 kilowatt transmitter, the power should be able to deliver at least twice the power--or 200 kilowatts. The excess power is used for motor blowers, a water pump and other ancillary equipment. (Paul Ladd, Senior Correspondent at World Christian Broadcasting, Banquet Speech at Winter SWL Festival)

Summer A-19 changes of World Christian Broadcast Anchor Point:

0800-0900 NF 9695 NLS English tx#1, ex 9610
0800-0900 on 11885 NLS Chinese tx#2 unchanged
0900-1000 NF 9695 NLS Russian tx#1, ex 9610
0900-1000 NF 11885 NLS Chinese tx#2, ex 9730
1000-1100 NF 9580 NLS English tx#1, ex 7355
1000-1100 NF 9685 NLS Chinese tx#2, ex 9710
1100-1200 NF 9580 NLS Russian tx#1, ex 6185
1100-1200 NF 9685 NLS Chinese tx#2, ex 9655
1200-1300 on 7355 NLS English tx#2 unchanged

1200-1300 NF 9795 NLS English tx#1, ex 6075
1300-1400 on 7395 NLS Chinese tx#2 unchanged
1300-1400 NF 9740 NLS Chinese tx#1, ex 9760
1400-1500 on 7355 NLS Chinese tx#2 unchanged
1400-1500 NF 9580 NLS English tx#1, ex 6090
1500-1600 on 9730 NLS Chinese tx#2 unchanged
1500-1600 on 9760 NLS Russian tx#1 unchanged
1600-1700 on 9560 NLS Russian tx#1 canceled
1600-1700 on 9655 NLS Chinese tx#2 canceled
1700-1800 on 9560 NLS Russian tx#1 canceled
1700-1800 on 9655 NLS Chinese tx#2 canceled
(DX Mix-Bulgaria)

ANGOLA 4949.74, R. Nacional de Angola, on March 25, clearly off the air (0237 & 0313); unusual for them to be silent. (Ron Howard-CA)

ANTARCTICA 15476, Mar 21, 1255, LARA 36, Radio Nacional Arcángel San Gabriel, Base Esperanza, 1255-1408, carrier detected here in Lugo, via SDR Kiwi Pardino, Sao Paulo, 15475.97, fair signal, Spanish, male and female with Argentinian accent talking about the daily life in Base Esperanza, "Estamos preparados para celebrar el aniversario de la base...", "Mandamos un saludo a todos los oyentes...", female: "Aqui en Base Esperanza, feliz aniversario para vos tambien..", music, id. "Seguimos con el programa Compartiendo Esperanza en la frecuencia de 15476 kHz, lra36@hotmail.com" Strong fading. (Méndez-Spain/Shortwave Bulletin)

ARMENIA Summer A-19 changes of Trans World Radio India via CJSC Yerevan:

1315-1445 NF 9300 ERV Hindi/various, ex 9330
1500-1600 NF 9300 ERV Hindi/English, ex 7550
(DX Mix-Bulgaria)

ASCENSION ISLAND Radio Akhbar Mufriha via ENC-DMS, March 16:

2145-2215 on 9530 ASC Hassinya Thu-Tue (DX Mix-Bulgaria)

AUSTRALIA Summer A-19 English schedule for Reach Beyond Australia:

1115-1130 on 15575 Tu, Wed Thu Sat

1200-1230 on 11875 Daily

1245-1300 on 11945 Mon-Wed

1315-1330 on 11750 Mon Wed Fri

1345-1400 on 11900 Thu Fri

1515-1530 on 9770 Mon Fri

(Alan Roe-UK)

4835, Ozy Radio, as of March 22, remains unheard by me. (Ron Howard-CA)

5055, Radio 4KZ, on March 24 had a first for me here, to hear a non-musical segment; 0911-0932, with a comedy/drama presentation; "Tune in the same time next week for ... Australia's oldtime comedy station ..."; 1002, news/sports, with break for "health service" ad at 1005; weather; into variety of songs. (Ron Howard-CA)

BANGLADESH No signal of Bangladesh Betar external services on int'l bands from March 8. (DX Mix-Bulgaria)

4750, Bangladesh Betar (now temporarily with only the External Service), at 1230, on March 22, noted in English till 1300 test tone; at 1309, test tone off and start of assume Nepali programming; as usual, mixing with CNR1. Thanks very much to info from Hans Johnson on Facebook WRTH. (Ron Howard-CA) 4750, exact fq, refurbished/repared Thales/Ampegon TX unit at Dhaka, heard with test tones at 1215-1222, when listened to Uwe's SDR unit in eastern Thailand location, today March 25. (Wolfgang Bueschel-Germany/DXplorer)

BHUTAN 6035, BBS, on March 22, at 1136, with pop (western) songs; cut off in mid-song at 1138*; then at *1140, the usual sudden start up of PBS Yunnan, with FM99 relay, already in progress. (Ron Howard-CA)

BRAZIL Reception of Time Signal Station Observatorio Nacional, March 1:

from 2130 on 10000 unknown tx Portuguese CUSB, fair (DX Mix-Bulgaria)

4885, Radio Clube do Para. Regional radio station in Portuguese. Full data E-QSL received in 97 days for report to: danielnx18@gmail.com. (Alexander Golovikhin-Russia/World-wide DX Club)

BULGARIA Reception of Mighty KBC Radio via SPL Secretbrod, March 2:

1300-1400 on 11600 SCB English Sat, fair signal (DX Mix-Bulgaria)

CANADA 6070, CFRX, Toronto, at 0257, ending talk show with "NewsTalk 10-10" IDs and promo, followed by ads. Deep fades, very poor to fair. Again at 0352 and now very good. Discussion of the SNC-Lavelin scandal hitting the Trudeau government. March 22. (Harold Sellers-BC/DXplorer)

CHINA I am still QSL manager of China Huayi BS, Voice of Jin Ling and Fu Shing stations. The address is: Jonathan Short, Ming Ri Feng Lin 3-1002, Li Zha Road, Changshu, JS 215500, P. R. China. \$2 as return postage would be appreciated but not necessary, radio station souvenirs such as QSLs/Stickers/Pennants/used radio schedules/radio books and magazines would be much more welcome". (J. Short via wwdxc BC-DX TopNews)

, Voice of Strait, on March 16 (Saturday) & 17

(Sunday), at 0943, in English, with the same weekend "Focus on China" program in English; about Chinese history; fairly readable; not // VOS on 4900. (Ron Howard-CA)

5050, Beibu Bay Radio, 1000, March 16. No time pips; gave Beijing time in Chinese and English ("6 PM"); singing station jingle; followed by ID in English; 1002-1006, brief segment in English (unreadable). (Ron Howard-CA)

6035, PBS Yunnan, with FM99 relay, on March 14 & 16. As usual, noted the good signal for their sudden start *1140; mixing with BBS (Bhutan). (Ron Howard-CA)

7210, PBS Yunnan, *1036, on March 4. Suddenly on with their distinctive IS of non-stop EZL loop of instrumental music; before 1036, was hearing SOH (Taiwan) and VOV (Vietnam). After 1036, three stations here were just too much to listen to. (Ron Howard-CA)

CLANDESTINE Radio Xoriyo Ogadenya & Voice of Independent Oromiya via TDF are canceled. No signal of these two clandestine programs via Issoudun from the beginning of 2019.

1600-1630 on 17770 ISS Somali Mon/Fri Radio Xoriyo Ogadenya

1600-1630 on 17850 ISS Afan Oromo Sun Voice of Independent Oromiya (DX Mix-Bulgaria)

Radio Sinit Eritrea

0500-0600 on 9540 ISS Tigrinya/Arabic Sat from Dec.1

1700-1730 on 15390 ISS Tigrinya Mon/Sat from March 16 (DX Mix-Bulgaria)

Reception of Radio Sinit Eritrea via TDF Issoudun, March 15:

0500-0600 on 9540 ISS Tigrinya/Arabic Sat, good,

Additional transmission of Radio Sinit Eritrea via Issoudun from March 16:

1700-1730 on 15390 ISS Tigrinya or Arabic Mon/Sat (DX Mix-Bulgaria)

Summer A-19 of Radio Sinit Eritrea via MBR Issoudun:

0500-0600 on 11660 ISS Tigrinya/Arabic Sat, ex 9540 B-18

1700-1730 on 15390 ISS Tigrinya Mon/Sat, nothing March 16/18 (DX Mix-Bulgaria)

Summer A-19 of Koode Radio International via MBR Issoudun:

1900-1930 on 9810 ISS Nigerian Fulfulde, ex 7265 B-18

Summer A-19 schedule for Radio Itahuka:

1800-1900 on 15420 MAD (Alan Roe-UK)

Summer A-19 of Dandal Kura Radio International:

0700-0800 on 13590 NAU Kanuri
1800-1900 on 11830 ISS Kanuri (DX Mix-Bulgaria)

Upcoming frequency change of FPU Radio Dabanga from March 1:

0430-0500 on 7315 ISS Juba Arabic – unchanged

0430-0500 NF 11650 MDC Juba Arabic, ex 9600 MEY

1530-1600 on 15350 ISS Juba Arabic, ex same MEY

1530-1600 on 15550 SMG Juba Arabic, ex same ISS
(DX Mix-Bulgaria)

Dimtse Radio Erena via SPL Secretbrod, Mar. 23:

1700-1730 on 9720 SCB Tigrinya, very good
1730-1800 on 9720 SCB Arabic Mon/Wed/Fri
1730-1800 on 9720 SCB Tigrinya Tue/Thu/
Sat/Sun
(DX Mix-Bulgaria)

Reception of Radio Xoriyo Ogaden via MBR
Nauen on Mar. 9:

1600-1630 on 11970 ISS Somali Tue/Sat, very
good
(DX Mix-Bulgaria)

Reception of Radio Xoriyo Ogaden via MBR
Nauen on March 23:

1600-1630 on 11970 ISS Somali Tue/Sat, very
good

1600-1630 on 17630 ISS Somali Tue/Sat, from
April 6
(DX Mix-Bulgaria)

Reception of Radio Xoriyo Ogaden via TDF Is-
soudun, March 22:

1600-1630 on 17770 ISS Somali Mon/Fri,
weak/fair
(DX Mix-Bulgaria)

Radio Warra Wangeelaa-ti via SPL Secretbrod
on Feb. 23:

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

Voice of Oromo Liberation via MBR Nauen on
March 24:

1700-1730 on 9610 NAU Afan Oromo Sun, very
good

1700-1730 on 15420 NAU Afan Oromo Sun
March 31
(DX Mix-Bulgaria)

Good signal of Manara Radio International
via TDF Issoudun, Mar. 27:

0700-0800 on 13840 ISS Hausa
(DX Mix-Bulgaria)

Dandal Kura Radio Int via MBR Issoudun,
Mar. 26:

1800-1900 on 9770 ISS Kanuri, very good
0700-0800 on 13590 ISS Kanuri, fair/good
(DX Mix-Bulgaria)

Manara Radio International via Issoudun,
March 5:

0700-0800 on 13840 ISS Hausa
(DX Mix-Bulgaria)

Radio Ndarason International via ENC-DMS
Ascension and Woofferton:

0500-0700 on 5960 ASC Kanuri, unchanged
1900-2100 on 12050 WOF Kanuri, ex ASC 250
kW/065 deg

0700-0800 on 13810 WOF Kanuri, canceled
from Feb. 26

1800-1900 on 12050 ASC Kanuri, canceled
from Feb. 26
(DX Mix-Bulgaria)

Radio Ndarason International via ENC-DMS
Woofferton, March 13:

1900-2100 on 12050 ASC French, fair/good
signal
(DX Mix-Bulgaria)

Summer A-19 of Radio Ndarason International: 0500-0600 on 5960 ASC Kanuri 0600-0700 on 7415 ASC Kanuri 1900-2100 on 12050 WOF Kanuri (DX Mix-Bulgaria)	North Korea Reform Radio via RED Telecom on March 13: 1430-1530 on 7600 TAC Korean, very good signal (DX Mix-Bulgaria)
Reception of Koode Radio International via MBR Issoudun, Mar. 13: 1900-1930 on 7265 ISS Nigerian Fulfulde, good signal (DX Mix-Bulgaria)	Frequency changes of Voice of Tibet, March 9: 2300-2305 NF7494 DB Tibetan, ex7495 2305-2330 NF7486 DB Tibetan, ex7495 2330-2335 NF7492 DB Tibetan, ex7499 2335-2400 NF7496 DB Tibetan, ex7499 (Ivo Ivanov-Bulgaria via wwdxc BC-DX TopNews March 9)
Manara Radio International via MBR Nauen, Feb. 28: 0700-0800 on 13840 ISS Hausa, very good (DX Mix-Bulgaria)	Very good signal of Eye Radio via TDF Issoudun on March 22: 1600-1700 on 15410 ISS Juba Arabic/English/Shiluk (DX Mix-Bulgaria)
Reception of North Korea Reform Radio, March 22: 2030-2130 on 7505 TAC Korean, very good (DX Mix-Bulgaria)	Frequency changes of Shiokaze Sea Breeze via Yamata, March 17: 1300-1400 NF 7345 YAM, ex 6085 1405-1435 on 6085 YAM Japanese Daily, unchanged (DX Mix-Bulgaria)
Frequency change of Voice of Tibet on March 8: 1300-1305 NF 9896 DB Tibetan, ex 9895 1305-1335 NF 9900 DB Tibetan, ex 9899 1335-1400 NF 9884 DB Tibetan, ex 9900 (DX Mix-Bulgaria)	9670, Radio Dap Loi Song Nui (Vietnam Democracy Radio) (presumed), ex: 1503, on Feb 27, with the best reception heard so far; at 1240, in Vietnamese and playing some music; sounded like Vietnam siren jamming and also adjacent QRM; overall poor reception, but clearly in Vietnamese. (Ron Howard-CA)
Radio Free North Korea via RED Telecom, March 13: 1200-1300 on 7610 TAC Korean, weak/fair (DX Mix-Bulgaria)	
Voice of Wilderness via RED Telecom, March 13: 1330-1530 on 7625 TAC Korean, good (DX Mix-Bulgaria)	11530, Radyo Denge Welat via Grigoriopol, e-QSL in 1 day. E-mail: prtc@idknet.com. (Ivan Zelenyi-Russia/DX Fanzine)

CONGO (DEMOCRATIC REPUBLIC) 6210.2, 20.02.19, 1725-1757*, Radio Kahuzi, Bukavu, VV (Swahili?): Rlgs songs+TK. Very weak. (Manuel Méndez -Spain/DX Fanzine) 6210.2, Radio Kahuzi, Bukavu, at 1725-1740 on Feb 20, now on air with catholic religious songs, and comments by male in Vernacular, probably Swahili. Very weak. 14321. (Manuel Mendez-Spain, Worldwide DX Club)

CONGO (PEOPLE'S REPUBLIC) 6115, Radio Congo, *0540, March 5. Surprisingly good reception (probably best ever?), due to extremely unusual propagation that greatly favored the Congo, instead of the normal domination by Japan ("RN2:), which was today only heard far underneath; all with announcers (no music at all, as is normal for this time period); 0550 had Japan starting to get slightly stronger, so greater QRM. (Ron Howard-CA)

CUBA Shortwave schedule of Radio Rebelde

0000-2400 5025 BAU Spanish
(wwdxc BC-DX TopNews)

Shortwave schedule of Radio Progreso

0030-0400 4765 BEJ 050 Caribbean Spanish
(wwdxc BC-DX TopNews)

EGYPT Summer A-19 changes of Radio Cairo:

0400-0600 on 15310 ABZ Swahili, canceled
1300-1400 on 15630 ABS Dari, canceled
1400-1600 on 15300 ABS Pashto, canceled
1500-1600 NF 9705 ABS Albanian, ex 9830
1600-1800 on 15530 ABS Swahili, canceled
1800-2100 on 9325 ABS Hausa, canceled
1900-2000 NF 9665 ABS Russian, ex 9605
2115-2245 NF 9900 ABS English, ex 9800
2215-2330 NF 9720 ABS Portuguese, ex 9710
(DX Mix-Bulgaria)

ENGLAND Radio Akhbar Mufriha via ENC-DMS
Woofferton, March 16:

2100-2115 on 7300 WOF Tachelhit
2115-2145 on 7300 WOF Arabic
(DX Mix-Bulgaria)

Summer A-19 change of KBS World Radio via
ENC-DMS Woofferton:

1800-1900 NF 9820 WOF Russian, ex 12065 in A-18
(DX Mix-Bulgaria)

ESWATINI Summer A-19 changes of Trans
World Radio Africa via Manzini:

1500-1530 NF 9500 MAN Somali Daily, ex
11780 B-18

1530-1545 NF 11820 MAN Juba Arabic Mon-
Fri, new time

1557-1627 NF 13580 MAN Kirundi Mon-Fri, ex
15105

1700-1730 NF 6100 MAN Yawo, ex 7300
(DX Mix-Bulgaria)

ETHIOPIA 6090, Amhara State Radio, March
25, with Anguilla off the air; Iran conve-
niently went off at 0257*, while Ethiopia had
*0258, with their IS; very faint, even with
Anguilla silent. (Ron Howard-CA)

FRANCE All relays of Radio Nigeria Kaduna
via ISS have ended.(DX Mix-Bulgaria)

LWF Sawtu Linjilia Voice of Gospel via MBR
Issoudun, March 25:

1830-1900 on 9800 ISS Fulfulde Mon-Thu,
very good

1830-1900 on 15315 ISS Fulfulde Mon-Thu
from April 1

(DX Mix-Bulgaria)

Summer A-19 frequency changes of Radio France International:

0600-0630 NF 9840 ISS Hausa, ex 13750
0700-0800 NF 13695 ISS French, ex 13730
1200-1230 NF 13720 ISS Mandingo Mo-Fr
June 2-Aug.31, x 13730
1200-1230 NF 15275 ISS Mandingo Mo-Fr
from Sept.1, ex 17815
1200-1300 NF 15390 ISS French till June 1,
ex 17620
1700-1800 NF 13740 ISS French, ex 15300
(DX Mix-Bulgaria)

New transmissions of Radio France International from March 31:

1300-1330 on 13720 ISS Mandingo Sat/Sun
1700-1800 on 13720 ISS Mandingo Sat/Sun
(DX Mix-Bulgaria)

GERMANY Good signal of DWD Deutscher Wetterdienst on March 6:

0600-0630 on 5905 PIN German AM mode
0600-0630 on 6180 PIN German AM mode
(DX Mix-Bulgaria)

Fair signal of DWD Deutscher Wetterdienst, March 12:

1200-1230 on 5905 PIN German AM mode
1200-1230 on 6180 PIN German AM mode
(DX Mix-Bulgaria)

GUAM Reception of KTWR Trans World Radio Asia in 31mb on March 2:

1128-1158 on 9910 TWR Jap/Eng Sat, fair/
good
1230-1300 on 9910 TWR English Sat, very
good
(DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in 31mb/41mb on March 9:

1230-1300 on 9910 TWR English Sat, good
signal
1317-1345 on 7510 TWR English Sat, good
signal
(DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in 31mb/25mb, March 17:

1102-1146 on 9910 TWR Chi/Eng Sun, fair/
good
1059-1156 on 11965 TWR English Sun, fair/
good
(DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in 25mb on March 14:

1028-1056 on 12120 TWR Chinese, good signal
(DX Mix-Bulgaria)

GUATEMALA 4054.993, Radio Verdad, S=8-9 or 79dBm signal noted on March 19 in remote SDR in New Jersey US state. Long lasting National Anthem played/sung heard 0601:05 til 0605.33. Last annmt was in English before. Empty carrier still on air noted at 0635. (Wolfgang Bueschel-Germany)

GUINEA R. Guinée Conakry on 9650, March 11:

0600-2400 on 9650 CON French
(DX Mix-Bulgaria)

INDIA Good signal of All India Radio in 22mb, March 1:

1325-1330 on 13695 BGL Music &
1330-1500 on 13695 BGL English
(DX Mix-Bulgaria)

Fair signal of All India Radio in 31mb, March 14:

1135-1140 on 9620 ALG English
(DX Mix-Bulgaria)

Reception of All India Radio in DRM Bengaluru on March 26:

2045-2230 on 7550 BGL English GOS-4 Ch-1
2045-2230 on 7550 BGL Ragam Mx prgr Ch-2
(DX Mix-Bulgaria)

INDONESIA 33325, Voice of Indonesia, via RRI Palangkaraya, on March 22, from 1329+. Better than normal reception; fairly readable, in English; frequent IDs. (Ron Howard-CA)

7289.92, Pro 1 RRI Nabire, 0759-0908*, on March 24. Heard "Rayuan Pulau Kelapa" (Solace on Coconut Island, a.k.a. song of Coconut Island), the theme mx intro to the nx, which I have not heard in a long time; nx followed by long monologue; EZL mx; 0905, start of reciting from the Qur'an, till suddenly cut off. (Ron Howard-CA)

KOREA (NORTH) Re-activated KCBS prgr in Korean on SW 6100 and 9665 after few weeks in silence. No traces from Kabul Afghanistan on 6100 on 2nd March. (Rumen Pankov-BUL, via wwdxc BC-DX TopNews March 7)

KOREA (SOUTH) Reception on test frequency of KBS World Radio via Kimjae on March 4:

1300-1400 on 11810 KIM Russian March 4-5,
fair/good signal
(DX Mix-Bulgaria)

Reception of KBS World Radio in 31mb on March 12:

1300-1400 on 9645 KIM Russian, good
(DX Mix-Bulgaria)

4885, Echo of Hope - VOH, March 14 & 16, at 0955. Briefly checked and heard "Easy English" program, in English and Korean; very good reception; noted // 3985, 5995, 6250, 6350 and 9100. March 17, noted the start of "Easy English" at 0938; today with "happy Isaac" announcer; very strong signal. (Ron Howard-CA)

5995, Echo of Hope - Voice of Hope (VOH), March 5, at 0659. Still checking here for any sign of Mali, but clearly VOH, along with N. Korea jamming. (Ron Howard-CA)

KUWAIT Reception of Radio Free Asia via Kuwait, March 1:

0000-0100 on 9910 KWT Lao, very good
(DX Mix-Bulgaria)

Reception of MOI Radio Kuwait in 19mb, March 5:

0500-0800 on 15529.7 KBD English, very good
signal

0500-0900 on 15515.0 KBD Arabic Gen. Sce,
fair signal
(DX Mix-Bulgaria)

LAOS 6130, Lao National Radio, at 1200, checking on Mar 19 & 22, heard unique gong/bell that they ring slowly 7 times (7:00 PM their local time), followed by choral anthem. For many people, 1200 is the best time to confirm. On Facebook a comment by Victor Goonetilleke about my posting: "yes they were off when we checked Dec Jan and heard they were repairing. Great to have them back and for that matter any station back". (Ron Howard-CA)

LIBERIA 6050, ELWA Radio, Monrovia, March 5, from 0703+. pop African music/singing; certainly seemed to be in English, with African accent, but unreadable for me. First time

I have heard them on this frequency; thanks very much to Dave Valko, for his alert that he was hearing them with unusually good reception on March 3 - "English sign off announcements at 2229 UTC, then played the instrumental Liberian national anthem, this much stronger than in the past." Have indeed listened to his surprisingly clear audio (very nice, Dave!!). Am very pleased to have finally heard this myself. (Ron Howard-CA)

MADAGASCAR Our facility is near the city of Mahajunga in the northern part of that country. We have two transmitters and three antennas there. The transmitters are both Model 418 G from Continental Electronics. The three antennas are also 4 X 4 X 4. One difference is the capability of our antennas there. Two are capable of 9 to 17 megahertz. The other is capable of 5 to 12 megahertz. Madagascar World Voice is powered by a generator. Electricity is not consistent on that part of the island, and many areas have none. We have a 500 kilowatt generator. It consumes about 35 gallons of diesel fuel per hour of operation at full load. When two transmitters are running at the same time, the generator is 70% loaded. (Paul Ladd, Senior Correspondent at World Christian Broadcasting, Banquet Speech at Winter SWL Festival)

WCB Madagascar World Voice African Pathways Radio, March 15:

1800-1900 on 13670 MWV English tx#3, fair/good
2000-2100 on 11965 MWV English tx#3, fair/good
(DX Mix-Bulgaria)

9755, Madagascar World Voice, F/D QSL card "Chameleon" in 160 days. E-mail address: MWVradio@gmail.com. (Alexander Golovikhin-Russia/DX Fanzine)

MALAYSIA 11665, Wai FM, on March 12. Others have recently reported hearing this one again, but my daily monitoring has had no results until today; at 1052, definite reception; in vernacular and playing pop songs. 9835 (Sarawak FM), remains silent (no carrier or anything). (Ron Howard-CA)

MALI China Radio International shortwave relay site at Bamako has been inactive for a couple of years and prior to that had very poor modulation. However, it continued to be registered in the HFCC. (British DX Club) China Radio International CRI via Bamako is again on air, but only via one transmitter, instead of two transmitters as follows:

0800-0857 on 7295 Hausa, very weak/JBA
1400-1557 on 13685 English, fair/good
1400-1557 on 17630 English, not on air
1600-1657 on 15125 Arabic, very good
1600-1657 on 17880 Arabic, not on air
1700-1757 on 13645 Swahili, fair/good
1700-1757 on 15125 Swahili, not on air
1800-1827 on 11640 Hausa, good signal
1800-1827 on 13645 Hausa, not on air
1830-1927 on 11640 Arabic, very good
1830-1927 on 13685 Arabic, not on air
1930-1957 on 11640 Portuguese, fair/good
1930-1957 on 13630 Portuguese, not on air
2000-2127 on 11640 English, fair signal
2000-2127 on 13630 English, not on air
2130-2227 on 11975 French, not on air
2130-2227 on 13630 French, very poor/JBA
2230-2357 on 11975 Chinese, not on air
2230-2357 on 15505 Chinese, very poor/JBA
2300-2357 on 7295 Chinese, very weak
2300-2357 on 11975 Chinese, not on air
(DX Mix-Bulgaria)

MEXICO 6185, Radio Educacion at 0340, Spanish, dance and pop tunes, no announcements heard during frequent checks. Fair-good, March 22. (Harold Sellers-BC/DXplorer)

MOLDOVA Good signal of TWR Africa via Grigoriopol, March 25:

1800-1845 on 7245 KCH Tigrinya Mon-Thu
1815-1845 on 7245 KCH Tigrinya Fri
1800-1830 on 7245 KCH Tigre Sat
1830-1845 on 7245 KCH Tigrinya Sat
1800-1830 on 7245 KCH Kunama Sun
1800-1845 on 9940 KCH from March 31

MONGOLIA 7260, Mongolian Radio 3 (presumed), 1033-1058, on March 17. As usual during this time period, non-stop pop western music (no announcements); no PBS Xinjiang QRM noted, but blocked by CRI (Japanese) strong sign on at *1058. (Ron Howard-CA)

MYANMAR 5985, Myanmar Radio, on March 24, at 1205. Live coverage (TV audio feed), in vernacular, of the football/soccer match between Myanmar (under 23) and Macau U23. (Ron Howard-CA)

6165, Thazin Radio, 1420-1440, on March 18. Supposedly in scheduled English 1430-1500, but only China heard here; no trace of any other station. Has anyone heard their English segment recently? (Ron Howard-CA)

NEPAL 5005, Radio Nepal. As of March 5, on most days I check here with no results from 1050+; not heard since my last reception of assume their carrier on Feb 3 (Ron Howard-CA)

NEW ZEALAND A-19 frequency changes of Radio New Zealand Pacific:

AM mode Daily 2059-2258 NF 11725 RAN
English, ex 13840
2259-0458 on 13840 RAN English
0459-0658 NF 9630 RAN English, ex 11725
1259-1650 on 5980 RAN English
AM mode Mon-Fri 0659-0958 NF 5945 RAN
English, ex 7425

0959-1258 NF 5945 RAN English, ex 7425
AM mode Sat/Sun 0659-1258 NF 5945 RAN
English, ex 7425
DRM mode Sun-Fri 1651-1835 on 6115 RAN English
1836-1850 NF 7285 English, ex 6115
1851-1950 on 9760 RAN English
1951-2058 on 11690 RAN English
(DX Mix-Bulgaria)

NIGERIA Nigeria Voice of Nigeria has been observed with an expanded schedule during February:

0600-0700 7255 Hausa
0700-0800 7255 Fulfulde
0800-1000 7255 English
1000-1030 7255 French
1030-1045 7255 Yoruba
1045-1100 7255 Igbo (TX closes at 1100)
1600-1615 9690 Arabic // 15120 DRM
1615-1630 9690 Igbo // 15120 DRM
1630-1900 9690 English // 15120 in DRM
1900-2000 9690 Fulfulde
2000-2100 9690 Hausa
(Observations by Dave Kenny during February 2019/British DX Club)

7254.95, VON, at 0820, on March 16. Weak signal, but clearly in English. (Ron Howard-CA)

NORTHERN MARIANAS One transmitter returned to service at Saipan with the rest of the transmitters expected to return to service during the course of the next few months. The transmitter return to service was much faster than the original schedule of at least twelve months from last October when the typhoon hit the islands. (Harry Scott of Radio Free Asia at Winter SWL Festival) There is a transmitter up on IBB Tinian too. I think it happened just last week, so things are starting to return to normal but I guess we're still months away from that. (AJ Janitschek-DC March 25)

PALAU Good signal of T8WH Angel 3 World Harvest Radio Int, March 12:

from 1100 on 9930 HBN English, US Radio News (DX Mix-Bulgaria)

Summer A-19 frequency change of NHK World Radio Japan:

1315-1400 NF 9625 HBN Indonesian, ex 11705

1400-1430 NF 9625 HBN English, ex 11705 (DX Mix-Bulgaria)

PAPUA NEW GUINEA 3260, NBC Madang, (Maus Blong Garamut - Voice of Indigenous Drums), 1117-1204*, Feb 23. In Pidgin; talking about "local government"; several clear IDs ("NBC Madang"); 1130, into segment of nice Pacific Islands songs (Ron Howard-CA) 3260, NBC Madang (Maus Blong Garamut), random checks 1035-1158*, on March 24 (Sunday). Usual religious programs (songs and sermons in Pidgin). (Ron Howard-CA)

PAPUA NEW GUINEA (BOUGAINVILLE) 3325, NBC Bougainville (Maus Blong Sankamap), 1012, on March 16. Series of speeches about the importance of the October referendum for independence; pop Pacific Islands singing; clear NBC Bougainville (Maus Blong Sankamap) ID. At 1056 on March 15. 1100, indigenous drums into "Regional News"; 1111, DJ playing pop songs; some weak VOI QRM; suddenly cut off at 1201*. (Ron Howard-CA)

PHILIPPINES Reception of FEBC Radio Manila in 25mb, March 2:

2255-2300 on 12095 BOC English announcement

2300-2330 on 12095 BOC Hmong, fair to good

(DX Mix-Bulgaria)

15640 // 17700 // 17820, R. Pilipinas, on March 25. Brief check at 0244; in English ("DFA Online, news and events from different Philippine embassies and consulates around the world"); mostly poor, with 17700 being the strongest. (Ron Howard-CA)

ROMANIA Radio Romania Int have just advised me by email that they are at present unable to send out physical QSL cards by post due to budget issues. "Dear listener, Thank you for having submitted your reception report. This is to acknowledge receipt of your report of 1 January**2019 concerning RRI's English language broadcast at 0630 UTC on 7345 kHz. Your feedback and remarks are of great interest to us and we are looking forward to receiving further reports from you. Unfortunately, for the moment, we are unable to send out QSL cards in the format you have been used to, due to budget issues. We are sorry for any inconvenience!" (Alan Roe-UK)

RUSSIA Good signal of GTRK Adygeya/Adygeyan Radio, March 15:

1800-1900 on 6000 ARM Adygeyan Mon/Fri (DX Mix-Bulgaria)

Good signal of GTRK Adygeya/Adygeyan Radio, March 24:

1900-2000 on 6000 ARM Adygeyan Sun (DX Mix-Bulgaria)

SOUTH AFRICA Bye bye Meyerton! It is confirmed that Sentech of South Africa is ending shortwave broadcasts from March 31. All broadcasting via Meyerton will be only in memory shortly. (DX Mix-Bulgaria) The Meyerton SW site started transmissions in 1966 and was initially run by the South African Broadcasting Corporation, carrying SABC domestic shortwave services and the external service Radio RSA, which was later became

Channel Africa. Sentech took over SABC distribution in 1992 and now operates on a commercial basis. (British DX Club) It's sad to report that Sentech in South Africa has decided to close its Meyerton transmitter site at the end of March. On the tropical bands, this will affect domestic Radio Sonder Grense on 3320 as well as the South African Amateur Radio League weekly transmission on Mondays on 4895. Also Channel Africa international transmissions on 3345 presumably will end or move? Other broadcasters who use the Meyerton site include BBC World Service who currently broadcast a few hours on 3255 from Meyerton. Interested to see if any of these broadcasts continue using different sites? (Alan Pennington-UK/British DX Club)

SPAIN Summer A-19 changes of Radio Exterior de España REE from March 31:

1400-2200 NF 9690 NOB Spanish Sat/Sun, ex 17855

1400-2200 NF 11670 NOB Spanish Sat/Sun, ex 21620

1400-2200 NF 11940 NOB Spanish Sat/Sun, ex 17715

1400-2200 NF 12030 NOB Spanish Sat/Sun, ex 15520

1500-1800 NF 11670 NOB Spanish Mon-Fri, ex 21620

1500-1800 NF 12030 NOB Spanish Mon-Fri, ex 15520

1800-2300 NF 9690 NOB Spanish Mon-Fri, ex 17855

1800-2300 NF 11670 NOB Spanish Mon-Fri, ex 15390

1800-2300 NF 11940 NOB Spanish Mon-Fri, ex 17715

1800-2300 NF 12030 NOB Spanish Mon-Fri, ex 15520

2300-2400 on 9690 NOB Spanish Mon-Fri, A-19 new

2300-2400 on 11940 NOB Spanish Mon-Fri, A-19 new

0000-0200 on 9690 NOB Spanish Tue-Sat, A-19 new

0000-0200 on 11940 NOB Spanish Tue-Sat, A-19 new

(DX Mix-Bulgaria)

SRI LANKA Sri Lanka Broadcasting Corporation / SLBC in 31mb, March 13:

1115-1200 on 9720 TRM Hindi, weak/fair signal (DX Mix-Bulgaria)

SUDAN Good signal of Voice of Africa Sudan Radio, March 25:

1600-1630 on 9505 ALF Arabic

1630-1715 on 9505 ALF French

1716-1800 on 9505 ALF English

(DX Mix-Bulgaria)

9505, V.O. Africa, Sudan. Jan.15 at 1700-1720. SI0252. Talk in French & local song. Guitar music at 1715, then talk in English. ID was not heard clearly. Jan.21 S/on with music & ID in French at 1630. (Nagatani-Jpan/Japan Shortwave Club)

SURINAM 4990, Radio Apintie, tentative, at 0317, pop songs, few announcements except for one at 0323, too weak to understand. Began as very poor but improved to poor-fair, however by 0336 it was lost in the noise. March 22. (Harold Sellers-BC/DXplorer) 4989.98, R. Apintie (presumed), 0540, on March 22. Pop songs (Irene Cara with "Flashdance What A Feeling," etc.); above threshold level audio, but rather weak. Thanks very much to Arthur Delibert and Dave Valko for the alert that this is doing so well. (Ron Howard-CA)

TAIWAN Suab Xaa Moo Zoo/Voice of Hope via Tamshui, March 22:

2230-2300 on 7530 TSH Hmong, very good (DX Mix-Bulgaria)

RTI in English is back on 9405 (ex. 6180) at 1600-1700, confirmed on 3rd March. (Rumen Pankov-Bulgaria via wwdxc BC-DX TopNews March 7)

THAILAND Reception of HSK9 Radio Thailand World Service, March 9:

1900-2000 on 7475 UDO English, very good
2000-2015 on 7475 UDO German, very good
(DX Mix-Bulgaria)

HSK9 Radio Thailand World Service in 31mb, March 12:

1400-1430 on 9940 UDO English, fair
(DX Mix-Bulgaria)

Reception of VOA Learning English via Udorn Thani, March 12:

1130-1200 on 15715 UDO English, very good signal
(DX Mix-Bulgaria)

TURKEY Summer A-19 changes of Voice of Turkey:

0100-0155 NF 7260 EMR Spanish, ex 9770
1530-1625 NF 9505 EMR Azeri, ex 9530
1830-1925 NF 5945 EMR English, ex 9785
(DX Mix-Bulgaria)

UNITED ARAB EMIRATES DW will reduced broadcasts in Dari/Pashto from March 15:

1330-1345 on 9720 DHA Dari, ex 1330-1400
1330-1345 on 11720 DHA Dari, ex 1330-1400
1345-1400 on 9720 DHA Pashto, x 1400-1430
1345-1400 on 11720 DHA Pashto, x 1400-1430
(DX Mix-Bulgaria)

Good signal of Deutsche Welle via Dhabayya, March 16:

1330-1345 on 9720 DHA Dari, ex 1330-1400
1330-1345 on 11720 DHA Dari, ex 1330-1400
1345-1400 on 9720 DHA Pashto, ex 14-1430
1345-1400 on 11720 DHA Pashto, ex 14-1430
(DX Mix-Bulgaria)

Reception of FEBA Radio via ENC-DMS Dhabayya, March 14:

1200-1230 on 15215 DHA Tibetan, very good
(DX Mix-Bulgaria)

USA WMLK, the Assemblies of Yahweh International shortwave radio station, is currently being updated and improved. The original transmitter broadcast operated 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. Electricity costs have greatly increased; consequently, the higher efficiency will allow us to broadcast more – for less money. Also, the new transmitter will broadcast at 300,000 watts of power. Most of the inhabited areas of the world will be covered. (The Sacred Name Broadcaster)

On 5 February 2019 WMLK Radio received, from the FCC, the long awaited station operational license! Once again WMLK Radio will be able to legally broadcast from its station all over the world! Praise Almighty Yahweh! Also, the building of the new set continues. The building has been stopped in order to accommodate a US government project that takes priority over our order! Progress to that point was good! More to come! Thank you for your continued support! Yahweh Bless each one of you! (WMLK Radio FaceBook page, 8

Feb) WMLK, Bethel PA, USA suffered a fire at their old station in March 2017. They plan to return on 9275 kHz once their new transmitter building is complete and 300 kW transmitter received from Ampegon. (Alan Pennington-UK/British DX Club)

Summer A-19 schedule of WINB Red Lion in DRM mode from April 1:

0700-0900 on 7325 INB English Mon-Fri, same A18

0900-1100 NF 9980 INB English Mon-Fri, ex 9265

1100-1700 NF 15120 INB English Mon-Fri, ex 15670

(DX Mix-Bulgaria)

After receiving funding, WWV and WWVH will continue to for the time being. (Allen Dean-UK/British DX Club)

WBCQ Monticello, Maine testing 3265 at present: "3265 on now with test transmissions. Reception reports to wbcq at wbcq dot com please. Free Radio supreme here at WBCQ. Frozen north." (Allan Weiner/Worldwide DX Club)

RFA Broadcast Frequency Schedules Effective Mar 31, 2019 through Oct 26, 2019:

Burmese

1230-1330 on 7530 13630

1330-1430 on 7530

Khmer

1230-1330 on 9700

Korean

1500-1700 on 5850 7540

1700-1900 on 9990 11985

2100-2200 on 9540 11945

Lao

0000-0100 on 9940

Mandarin

0300-0400 on 11570 11895 11985 17690

0400-0500 on 11895 13750 17690

0500-0600 on 11895 17690 21690

0600-0700 on 11895 13790 17690 17810

1500-1600 on 9940 13810 15475

1600-1700 on 7370 11610 13570 13810

1700-1800 on 9355 9965

1800-1900 on 9355 9965 11745

1900-2000 on 9355 9720

2000-2100 on 6080 9355 9535

2100-2200 on 7435 9685

2300-2400 on 9535 9720 15555

Tibetan

0100-0200 on 9370 9390 9510 11705 13765

0200-0300 on 9370 11705 11745 13765 FNP (frequency not promoted)

0600-0700 on 15720 17670 21690 FNP (frequency not promoted)

1000-1100 on 13800 15330

1100-1200 on 13835 15265 15470 17640

1200-1300 on 11540 13835 15470 17690 17720

1300-1400 on 11540 13835 15275 15470 17860

1500-1600 on 9355 12110

2200-2300 on 7505 9370 FNP (frequency not promoted)

2300-2400 on 5965 9555 9875

Uyghur

0100-0200 on 9350 9445 9780 11640 11790

1600-1700 on 9355 9480 11675 15700

(Station Direct)

UZBEKISTAN Trans World Radio India via Tashkent, March 3:


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

VIETNAM 11720, V.O. Vietnam 4, Hanoi, Vietnam. Feb.9 at 1125-1150 in Vietnamese. SI0232. Talk in Vietnamese. QRM with beat. (Hayashi-Japan/Japan Shortwave Club)

ZAMBIA 5915, R. One/ZNBC1. Noted here yesterday (Mar 24) from 1930 to s/off 2200 after the NA. And not as appears in several lists as s/off 2137, although perhaps this was a Sunday night sked? So no, not 24 hrs. Generally, a good signal here in my mornings and great to hear it back on the air again. (Rob Wagner-Australia) 5915, ZNBC1, 2115-2310, weak at first but building gradually. Night-time prgm with man DJ in vernacular, taking phone calls, Afro pops. Fish eagle IS 2200, then prgming continued. Glad to hear this again. Very strong at 2205! Still going strong at 2238, may be 24 hr operation. Still going 2310 but not as strong as 2200. (John Her-

kimer-NY) 5915, R. One/ZNBC1. On March 26, tuned in at 0106, to find them already broadcasting; decent reception; phone in segment in vernacular and pop African singing; 0247-0250, just carrier, with hum; 0250-0255, African fish eagle IS; still on the air at 0417. (Ron Howard-CA) Apparently 24 hour operation except on Sunday. (RAD)

ZANZIBAR 6015, ZBC Radio. On March 23, tuned in close to 0330 and yes, they just started broadcasting then; usual format, with decent signal strength, but adjacent QRM. (Ron Howard-CA) 6015, ZBC Radio. On March 25, suddenly on at *0327, with program already in progress; so there is some variation with their starting time. (Ron Howard-CA)

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

Pirate Radio Report

George Zeller • 3492 West 123rd Street • Cleveland, OH 44111 • georgez@nacs.net

Shortwave pirate broadcasting continued at a very brisk pace once again during the past month. Pirate broadcasting inevitably increases around major North American holidays. By far the biggest holiday for shortwave pirate broadcasting purposes in April is Easter Sunday, which falls on April 21 this year. Those broadcasts usually extend throughout the Easter holiday weekend. But, a major downside this month is that darkness propagation paths continue to shrink, since spring has arrived in North America. Seasonal static

levels on the shortwave bands gradually increase as summer approaches.

It was good seeing many of you at the Winter SWL Fest in Plymouth Meeting, PA. Among the festivities this year was the announcement that Partial India Radio was the 2019 inductee into the North American Pirate Radio Hall of Fame. A good time was had by all.

Once again this month we have only a few updates to news on Congressional committee

hearings on the "Preventing Illegal Radio Abuse Through Enforcement" act, with an acronym of the "Pirate Act." This bill would provide for fines of pirate radio stations of \$100,000 per day, with a maximum fine of \$2 million. The bill is sponsored by Rep. Leonard Lance (R-NJ) and Rep. Paul Tonko (D-NY). Our sharp-eyed desktop publisher, Ralph Brandi in NJ, points out that when the bill was reintroduced in the current session of Congress, Lance was not a co-sponsor, since he was defeated in the November election by more than 16,000 votes. As of the end of March, this bill's prognosis in the Congress remains uncertain. The Pirate Act last year on July 12 did get a vote in the House of Representatives Energy and Commerce Committee, where it passed unanimously. At this point, the Pirate Act was merged with some provisions of the Net Neutrality legislation that is going through Congress. At that point some opposition emerged from some Democrats in Congress. The radio legislation is further complicated by controversial bills to criminalize online internet privacy. All of this is further complicated by the literal chaos within the Federal Government associated with the Kavanaugh nomination to the Supreme Court, the takeover of the House of Representatives in 2019 by the Democrats as a result of the November 2018 midterm election, and the partial shutdown of the Federal Government late in 2018. The fate of this bill in the House and Senate of the Congress and on the desk of President Trump remains uncertain at column deadline time. The full text of the house bill is still on the internet at:

https://docs.house.gov/meetings/IF/IF16/20180322/108059/BILLS-115pih-HR___-U13.pdf

A new Pirate Act with new sponsors has emerged in the House of Representatives in 2019. But, investigations of numerous ex-

ecutive branch staff and President Trump's attorneys are dominating the Congressional agenda on virtually a daily basis. So, we will have to continue to monitor the Pirate Act situation on a regular basis.

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. Tom Taylor Now via Rich D'Angelo once again points out that 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. 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.

Bullwinkle R. 6920 2330 3/1/19 good. Prgm of rock oldies. (Montney, MI)

Celtic Music R. 6948 2307 2/20/19 good. Prgm of mostly Irish folk songs. (Montney, MI)

Charleston R. Intl. 5139.99 LSB 2307 2/20/19 almost fair. A medley of "retro mx, their usual format at this Europirate. (Serra, Italy)

KIND 6925 2246 2/19/19 fair. Prgm of mainly obscure classic rock songs. (Montney, MI)

Laser Hot Hits 6205 LSB 2051-2121 2/20/19 almost fair. Prgm of pop mx from this Europirate. (Serra, Italy)

Mix R. International 6891 2023-2057* 3/4/19 fair to good. Motown and rock oldies mx. (Montney, MI)

Piss Ant R. 6955 2342-0122* 3/1-2/19 good. Prgm of classic rock mx. (Montney, MI)

R. Fusion 6950 2000-2040 2/19/19 fair. A mix of old Monkees pop mx & piano mx. (Montney, MI)


R. Humperdo 4090 0005 2/18/19 fair. Prgm of rock & oldies mx. (Taylor, WI)

R. Pira Internacional 6930 2100 3/1/19 testing. Stn has announced that they are testing w/a mx prgrm using a new xmtr from South America. (Nigro, Uruguay)


Shortwave Bandit 6925 2246 2/19/19 fair. Prgm of mainly obscure classic rock songs. Alternate ID for KIND. (Montney, MI)

Undercover R. 6950 2312-0103* 2/17-18/19 fair. Dr. Benway w/mix of rock mx & tlk. (Taylor, WI)

Wolverine R. 4015 2009-2033* 2/24/19 fair. Blues and rock mx w/day of the week in song titles. SSTV images at close. (Hauser, OK)

X-FM 4095 0150-0208* 2/17/19 good. Mostly a prgm of classic rock. (Montney, MI) 

NASWA Facebook Page

Join moderator **Richard Murphy** <richard.murphy@swri.org> 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 Yahoo group, 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, simply enter "North American Shortwave Association" into the search box on the top toolbar. If you are into social media, give it a try. 

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

Editor's note: because of production constraints, we cannot fit the masthead for Sam Barto's column on the same page as the actual column in this electronic version of the Journal. The column appears on the next page.



GUATEMALA: Radio Truth 4055 f/d
 card in 24 hours via email
 The card was a staff photo
 of twelve station employees
 v/s Dr. Edgar Amilcar Madrid,
 Station Manager. (Cichorek)
 Ed reminded me that the last
 time we met was at one of the
 SWL fests in Kulpville (pro-
 bably sometime in the mid 90's)
 He purchased a Sony world
 band portable receiver from
 me. He still has it and says
 it works just fine! Ed was a
 member and a columnist for
 the now defunct SPEEDX maga-
 zine. I remember selling you
 that particular Sony radio.

Nice hearing from you once again. Best of luck...Sam

USA: Adventist World Radio Cuba via WRMI Radio Miami International 7570
 Verie nice card showing the log periodic antenna farm at WRMI which is
 used to beam the AWR Cuba programs to the island nation. It transmits
 at an azimuth of 181 degrees to Cuba. Nice catch. (Sives-PA).

Voice of Asian Christianity



Can't say too much more because it is all I
 have this month.....However...

ASCENSION ISLAND: Radio Akhbar Mifriha 9530 .

* The station verified my email report with a
 full data PDF attachment in 15 days from
 Mr. Daniel Berger, Secretary who apologized
 for the delay. He notes "Normally we require
 either specific details of our broadcast
 (minimum of 20 minutes) or three brief re-
 cordings from the beginning, the middle and
 the end. Please be aware of this if you want
 to send us more reports. He also stated that
 it would be good to use the SINPO code when
 describing the reception quality. (D'Angelo-
 PA).

AUSTRALIA: Reach Beyond Australia 11865 The
~~station verified my email report~~ with a full
 data PDF electronic attachment of the "Null-
 arbor Plain (a flat almost treeless plain
 in the semiarid country of southern Austra-
 lia in 5 days fom v/s Margaret Penfordd, Lis-
 tener Correspondent. (D'Angelo-PA).

a few more QSLs arrived after typing the top
 of the QSL column. A little out of order but
 we at least got a full page..See you next
 time.....Sam.

Sam

Contributors' Page

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Rick BARTON, Sun City, AZ

SW-2000629, Satellit 205/T.5000 & 650, HQ-200 & 180A, ATS-909X, outdoor Slinky and random longwires

Eric BUENEMAN, Hazelwood, MO

Yaesu FRG-7, Apex 303WA-2 vertical antenna

Ed CICHOREK, Somerset, NJ

IC-R-75, SW8, MFJ956, SWL4-50 wire

Rich D'ANGELO, French Creek DXpedition, PA

Ten-Tec RX-340 w/500 ft N wire, Drake R8B w/250 ft NE wire, Eton E1 w/whip antenna

Mick DELMAGE, Sherwood Park, ALB

Perseus SDR, Wellbrook ALA-100

Glenn HAUSER, Enid, OK

No equipment listed

Vince HENLEY, Anacortes, WA

Winradio G39DDC, Icom IC-R8600, RX-340, R8B, SDRPlay RSP Duo, PL-880, Alpha-Delta DX Ultra, whip

John HERKIMER, NY

No equipment listed

William MCGUIRE, Cheverly, MD

No equipment listed

John MILLER, Ochlocknee, GA

Sony 7600R, Grundig 450XL

Alan ROE, Teddington, UK

Winradio G33DDC Excalibur, ELAD FDM-S2 17m long wire, SDRPlay RSP1, ALA1530LN

Gayle VAN HORN, NC

No equipment listed



2000-30000 kHz

Loggings

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

2850 **KOREA, NORTH KCBS** at 1510 UTC February 17 with classical music program. Very Big Signal! (Delmage, AB)

2850 **NORTH KOREA KCBS** 3/9 at 1350. W in long Korean monologue, sappy vocal music after the hour - 23333 Barton-AZ

3240 **SWAZILAND (ESWATINI) Trans World Radio** – Mpangelo Ranch, *0258-0345* Jan 28, nice tuning signal with “Trans World Radio, Swaziland” IDs mixed in Fair. (D’Angelo-PA/FCDX)

3240 **ESWATINI TWR** relay Manzini – 2/14 0310 noted with Christian teaching in Shona; SIO 232. (Bueneman-MO)

3260 **PAPUA NEW GUINEA NBC Madang** (very tentative), 1150-1157 Jan 28, very weak and just barely audible before closing down rather abruptly. Poor reception. (D'Angelo-PA/FCDX)

3265 **UNITED STATES OF AMERICA WBCQ** Monticello, ME – 2/14 0508 noted with 1920s Jazz, Country and 1950s rock and roll selections and a jingle; SIO 333. (Bueneman-MO)

3310 **BOLIVIA Radio Mosoj Chaski** - Cochabamba, 1004-1036 fade out Jan 28, man announcer with talks hosting rustic music program. Fair signal until began fading out. (D'Angelo-PA/FCDX)

3320 **SOUTH AFRICA Radio Sonder Grense** - Meyerton, 2149-2230 Jan 27, Afrikaans language program with romantic vocal selections hosted by a woman announcer. Fair to good signal. (D'Angelo-PA/FCDX)

3325 **PAPUA NEW GUINEA (BOUGAINVILLE) NBC** (tentative), 1142-1158 Jan 28, noted several times but finally some audio with man announcer talking and some musical selections. Gone quickly. Poor reception... Silently gone at 1157. (D'Angelo-PA/FCDX)

3325 **INDONESIA Voice of Indonesia** at 1459 UTC February 23 with English announcement for VoI then into Chinese broadcast at 1500 UTC. Good (Delmage, AB)

3330 **CANADA CHU** Standard Time and Frequency station in EE and FF. SIO 444. February 10, 2019, 0514 – 0527. Decent signal from CHU this evening. Slight QRN, but perfectly usable time signal. (Henley, WA)

3345 **SOUTH AFRICA Channel Africa**- Meyerton, 0302-0332 Jan 28, English Service with a man and woman announcers with news followed by various features. Poor to fair. (D'Angelo-PA/FCDX)

3945 **JAPAN RADIO Nikkei Two** 2/19, at 1340 with W in Japanese, pop vocal music (but not the oft heard kiddie J-Pop). Closing out at the ToH - Fair/Good Barton-AZ

3955 **ENGLAND KBS World** – Woofferton, 2156-2201* Jan 28, French language program with talks and some music. Close-down announcements and instrumental music to closing. Fair signal but amateur activity ruined reception. (D'Angelo-PA/FCDX)

3985 **GERMANY Radio Belarus**, Kall, 01/09, 2035. French. Opera song followed by talk by female host. 45333. (Roe-UK)

3985 **GERMANY Radio Slovakia Int'l**, Kall, 01/16, 2002. English. News followed by a feature on the Jan Kuciak Investigative Centre. 45333. (Roe-UK)

- 4055 **GUATEMALA *Radio Verdad*** at 0512 UTC February 17 in Spanish with music and talk. Very Good (Delmage, AB)
- 4765 **CUBA *Radio Progreso*** via Bejucal – 1/30 0245 noted with vocal music and a brief announcement in Spanish; SIO 434. (Bueneman-MO)
- 4840 **UNITED STATES *WWCR 3*** Religious Program in EE. SIO 444, February 10, 2019, 0514 – 0520. OM preacher, with Bible quotes, readings from Paul's epistles. Heavy QRN, steep QSB, with signal deteriorating. Difficult listening. Henley, WA)
- 4885 **BRAZIL *Radio Clube do Para*** ZYG362 Belem – 2/15 0746 noted with a discussion in Portuguese; SIO 323 with some CODAR QRM. (Bueneman-MO)
- 4895 **MONGOLIA** (pres) at 1513 UTC February 23 with talk between man and woman. Big Signal (Delmage, AB)
- 4930 **BOTSWANA *Voice of America*** relay Mopeng Hill – 1/27 0315 noted with news analysis in English; SIO 323. (Bueneman-MO)
- 5025 **CUBA *Radio Rebelde*** in SS. SIO 444, February 10, 2019, 0447 – 0451. Latin MX. Listed target is Caribbean. Heavy QRN, shallow QSB. Listenable. (Henley, WA)
- 5040 **CUBA *Radio Havana Cuba*** – 2/14 0632 noted with commentary in English; SIO 323. (Bueneman-MO)
- 5050 **CHINA *Beibu Bay Radio*** in Chinese at 1508 UTC February 23 with song and talk. Very Good (Delmage, AB)
- 5085 **UNITED STATES *WTWW*** Lebanon, TN – 2/14 0635 noted with pop oldies, announcement giving a phone number and a Texas mailing address in English; SIO 323. (Bueneman-MO)
- 5835 **ARMENIA *BBC World Service*** - Yerevan, 0022-0105 Jan 29, English World Service program. Poor. (D'Angelo-PA/FCDX)
- 5845 **SINGAPORE *BBC*** relay in KK. SIO 333, February 5, 2019, 1641 – 1646. BBC in KK with some EE clips. YL anchor in interview format. Some MX clips between items. Moderate QRN, slight shallow QSB. Listed target is Far East. Listenable. (Henley, WA)
- 5875 **THAILAND *Radio Thailand*** - Udorn, 1107-1130* Jan 28, Man announcer talking in Vietnamese language followed by a vocal by a female singer... Fair signal. (D'Angelo-PA/FCDX)
- 5910 **CUBA *China Radio Int'l*** via Havanain CC. SIO 555, February 10, 2019, 0438 – 0440. CRI in Cantonese. OM announcer and YL commentator. Conversation format. Excellent signal. (Henley, WA)

5910 **UNITED ARAB EMIRATES *KBS World Radio*** - Dhabayya, 2059-2100* Jan 27, woman announcer with talk in the Arabic language followed by a man announcer with station ID and close-down announcements over soft instrumental music.. Fair. (D'Angelo-PA/FCDX)

5925 **ASCENSION ISLAND *BBC*** relay – 2/14 0533 noted with news briefs, BBCWS ID into news analysis in English; SIO 323. (Bueneman-MO)

5925 **FRANCE *RFI*** relay Issodoun – 2/19 0648 noted with sports report in French; SIO 434. (Bueneman-MO)

5930 **AUSTRIA *BBC*** - Moosbrunn, 0127-0135 Jan 28, woman and man announcers with closing station IDs in Pashto language before opening of program in Dari language. Fair to good (D'Angelo-PA/FCDX)

5935 **UNITED STATES *WWCR*** with Dr. Gene Scott religious program. SIO 434, February 10, 2019, 0434 – 0437. YL preacher with heavy QRN, steep QSB. Listed target is North America. Noisy, but listenable. (Henley, WA)

5950 **ETHIOPIA *Voice of Tigray Revolution***, Addis Ababa, 01/17, 0255. Tigrinya. Transmitter on at 0255 with Interval Signal (same as interval signals online); followed by talk at 0300IUT by male voice including references to “kilohertz” (presumably their frequency schedule). 25332. (Roe-UK)

5965 **CHINA *China Radio Int'l*** (Beijing) 3/7 at 1520. M in Russian, female pop vocal music Well after local daybreak here - Barton-AZ

5970 **CHINA *PBS Gannan*** - Hezuo, 2349-0007 Jan 27, mixing with Radio Free Asia's Tibetan service with man and woman announcer with Chinese talk. 4+1 time pips and a man announcer with the news at top of the hour and in the clear after RFA left channel. (D'Angelo-PA/FCDX)

5970 **UNITED ARAB EMIRATES *Radio Free Asia*** - Dhabayya, 2321-2340 Jan 27, talk in the listed Tibetan language by a man and woman announcers. Fair prior to China fading up to ruin reception. (D'Angelo-PA/FCDX)

5990 **CUBA *China Radio Int'l***, March 13 at 0101, CRI English relay starting news, but cut to dead air at 0101.5, and cut carrier at 0102.4*. Supposed to be turned off before 0100. Something's always wrong at Radio Cuba (Hauser, OK)

5990 **CHINA *China Radio Int'l*** 2/27 at 2300 in EE. National New and report on Nigeria (McGuire-MD)

5995 **MALI *Radio Nationale du Mali*** at 2257 UTC March 9 in French with conversations over the phone. Almost like a contest. Great West African music and IDs heard throughout. Transmission abruptly ended at 2358:58. Excellent (Delmage, AB)

6000 **CUBA Radio Habana Cuba** in EE. SIO 555, February 10, 2019, 0427 – 0434. Discussion of water pollution in Havana and other environmental concerns. OM hosting “Music with a Message” program. YL singing in SS. Some moderate QRN, but otherwise a good signal. (Henley, WA)

6005 **GERMANY RAE Argentina**, Kall, 01/15, 0820. German. Argentinian song and talk by female host. Some clips of Queen Song “Bicycle”, followed by more talk and Argentinian music. And ending with tennis news. 35333. (Roe-UK)

6005 **GERMANY RAE Argentina**, Kall, 12/16, 0835. German. Music and talk by female host including Sports Magazine. 45333. (Roe-UK)

6015 **ZANZIBAR Zanzibar Broadcasting Corporation** – Dole, 0351-0426 Jan 29, several men in heated Swahili language talks but heavy QRM splatter from China Radio International limited reception. (D’Angelo-PA/FCDX)

6020 **SÃO TOMÉ E PRÍNCIPE Voice of America** relay – 2/14 0540 noted with news analysis in French; SIO 333. (Bueneman-MO)

6040 **FRANCE RFI** relay Issodoun – 2/14 0543 noted with African news analysis in French; SIO 323. (Bueneman-MO)

6045 **UNITED KINGDOM KBS World** relay Woofferton – 2/19 0720 noted with news analysis and discussion in Korean; SIO 323. (Bueneman-MO)

6050 **TURKEY Voice Turkey**, Emirler, 01/30, 1930. English. News, music and program: Turkey’s Tourist Attractions. 55444. (Roe-UK)

6055 **JAPAN Radio Nikkei One**, 3/7, at 1445 with Rave trance music, man in Japanese at the top of the hour, pop music, then cut off suddenly seconds past 1500 (schedule says bx should end at 1500) - Barton-AZ

6060 **CUBA Radio Habana Cuba** in EE. SIO 555, February 10, 2019, 0533 – 0541. Excellent signal. Good Latin MX with listed target of Eastern North America. This is the “Music with a Message” program. MX in SS, host in EE. Song dedicated to the “...many martyrs of the Cuban Revolution...” (Henley, WA)

6060 **BRAZIL Radio Tupi**, 0045, 2-28-19. Romantic sounding female vocal in Portuguese followed by guitar and vocal by male. Brief announcement by woman followed by another male vocal. Fair to good with fading. (Cichorek-NJ)

6065 **ZAMBIA VO Hope Africa**, Makeni Ranch, 01/17, 1655. English. Beacon of Truth program; ID followed by a Christian song 35333. (Roe-UK)

6070 **GERMANY Channel 292**, Rohrbach, 02/09, 2020. English. Live version of Pink Floyd Shine on You Crazy Diamond. TX off at 2030UT. 55444. (Roe-UK)

6070 **CANADA CFRX**, 0016, 2-28-19. In English, traffic report, ads for mobile phone service, Staples, adds for Shell casual ID's. Nice armchair signal this evening. (Cichorek-NJ)

6070 **CANADA CFRP** at 0200 with time saver, traffic report and news talk. (Miller-GA)

6085 **GERMANY Radio Mi Amigo Int'l**, Kall, 01/30, 0855. Music. No-stop oldies songs - mostly 80's music this morning. 45333. (Roe-UK)

6085 **JAPAN SHIOKAZE/Sea Breeze** 3/9, at 1330, with W in Korean. Confirmed on and over Nook jammer - SINPO 55555 Barton-AZ

6085 **JAPAN Shiokaze/Sea Breeze** 3/9, 1405, M in Japanese, back for latest round after the hour (They were on last hour, and closing at 1400) - Barton-AZ

6090 **CHINA China National Radio 2** - Kunming, 1125-1137 Jan 28, man and woman announcer with Chinese language talks with musical selections. Several announcements at bottom of the hour followed by more features and remote reports. Poor to fair. (D'Angelo-PA/FCDX)

6105 **FRANCE Radio Algerienne** - 2/16 0615 noted with vocal music in Arabic; SIO 222, lost when Radio Havana Cuba suddenly signed on 6100 at 0617. (Bueneman-MO)

6110 **ETHIOPIA Radio Fana** - Addis Ababa, 0424-0445 Jan 29, a terrific program of Horn of Africa vocals hosted by a man announcer with Amharic language talks. Fair to good signal. (D'Angelo-PA/FCDX)

6115 **NEW ZEALAND Radio New Zealand Int'l**, 1302-1326 Jan 28, man announcer with Pacific regional news report before Dateline program commenced at 1308. Fair to good signal. (D'Angelo-PA/FCDX)

6130 **CHINA (TIBET) PBS Lhasa**, 1157-1209 Jan 29, looking for Lao National Radio but this was there instead with traditional vocals to time pips and woman announcer in Tibetan followed by more music. Very poor. (D'Angelo-PA/FCDX)

6155 **AUSTRIA Radio Japan**, Moosbrunn, 01/12, 0500. English. News; Reading Japan - Part two of a reading of 'Green Thumb'. 55555. (Roe-UK)

6165 **CUBA Radio Habana Cuba** in EE. SIO 555, February 10, 2019, 0422 - 0426. News of Cuba's new constitution and the voting thereon. YL commentator. OM with Latin MX program, Havana culture program, and contact information. (Henley, WA)

6165 **CHINA China National Radio 6** - Beijing, 1139-1148 Jan 29, man announcer with Chinese language talks hosting a program of traditional Chinese music. Poor to fair. (D'Angelo-PA/FCDX)

6180 **ROMANIA *Radio Romania Int'l***, Saftica, 01/11, 1940. German. Romanian traditional music followed by a feature about William Blacker who wrote a book called "Along the Enchanted Way". 55555. (Roe-UK)

6185 **MEXICO *XEPPM Radio Educacion***, 2359, 2-28-19. Light piano music, talk by woman with musical background, probable ID and into talk in Spanish. Poor to fair signal. (Cichorek-NJ)

6190 **MADAGASCAR *World Christian Broadcasting*** – Mahajanga, 0210-0232 Jan 28, Spanish language program with religious talks by man announcer, station ID by a woman announcer and brief musical selections. Good signal. (D'Angelo-PA/FCDX)

6195 **UNITED STATES *NHK Radio Japan*** relay via WHRI in SS. Cypress Creek, SC. SIO 555, February 10, 2019, 0416 – 0420. OM and YL commenting in SS. Excellent Signal. Listed target is South America. (Henley, WA)

6195 **BOTSWANA *Voice America***, Mopeng Hill, 01/16, 2035. English. African Beat with some great modern African music. 45444. (Roe-UK)

6195 **UNITED STATES *NHK World*** via WSHB Cypress Creek, SC – 2/17 0943 noted with announcers reading listener mail in Spanish; SIO 555. (Bueneman-MO)

7205 **CHINA *China Radio Int'l***, Beijing, 01/27, 0000. Mongolian. News and talk by female and male co-hosts, and modern Mongolian rap and other Mongolian pop songs. 35333. (Roe-UK)

7205 **FRANCE *Radio France Int'l*** - Issoudun, 2138-2152 Jan 27, several men in heated discussion program in the French language. Fair to good signal. (D'Angelo-PA/FCDX)

7210 **ALBANIA *China Radio Int'l*** relay Cerrik – 2/22 2222 noted with news analysis, mentions of China and talk on Chinese culture in Spanish; SIO 333. (Bueneman-MO)

7230 **SOUTH AFRICA *Channel Africa*** at 0500 2/19. World News and info about Nigeria and the Congo. Barely audible (Miller-GA)

7250 **BANGLADESH *Bangladesh Betar***, Dhaka, 02/02, 1720. Bengali. Bangladeshi music and announcements by male voice. 33433. (Roe-UK)

7255 **NIGERIA *Voice of Nigeria*** – 2/16 0620 noted with discussion in Hausa; SIO 333. (Bueneman-MO)

7265 **CLANDESTINE *Radio Koode Int'l*** - Issoudun, *1900-1930* Jan 28, flute music opening followed by a man announcer with listed Fulfulde language station ID and opening announcements. Poor to fair signal but some deep fades. (D'Angelo-PA/FCDX)

7280 **VIETNAM *VO Vietnam***, Hanoi, 01/19, 1605. English. News; Saturday Music Show - songs about the Central Highlands. 45333. (Roe-UK)

- 7325 **CHINA *China Radio Int'l***, Urumqi, 01/21, 2012. Serbian. Progressive rock instrumental song followed by English-language pop song, all introduced by female host. 55544. (Roe-UK)
- 7325 **CHINA *China Radio Int'l*** - Jinhua, 1205-1222 Jan 28, man announcer with Japanese language news program. Poor. (D'Angelo-PA/FCDX)
- 7325 **ROMANIA *Radio Romania Int'l*** 2/21 at 000 in SS. Mainly national news. Poor (McGuire-MD)
- 7330 **NEW ZEALAND *Radio New Zealand Pacific*** – 2/17 0930 noted with political news in English; SIO 444. Also noted 2/19 0759 with IS, time pips and news in English; SIO 434. (Bueneman-MO)
- 7345 **ASCENSION ISLAND *BBC*** relay – 2/14 0604 noted with news, BBCWS ID into analysis of upcoming elections in Nigeria in English; SIO 333. (Bueneman-MO)
- 7350 **CHINA *China Radio Int'l***, Kashi, 01/27, 0000. English. Language Café (talking about the phrases “A sticky wicket” and “To cash in”); Rediscovering China 9about the Chinese tradition of the Bang-Bang in Chongqing). 45444. (Roe-UK)
- 7355 **SINGAPORE *BBC WS***, 3/6, at 1630 with M in Korean, and Korean-English language lesson segment at 1645. Barton-AZ
- 7435 **CHINA *China Radio Int'l*** via Jinhua site in English at 1703 UTC February 24 with News. Good // 9570 kHz via Beijing also good. (Delmage, AB)
- 7440 **GERMANY *Channel 292***, Rohrbach, 01/29, 0735. Music. Non-stop oldies. 45444. (Roe-UK)
- 7440 **GERMANY *Radio Ohne Namen***, Rohrbach, 01/28, 1500. German. Usual enjoyable selection of German 30's big band music. 34333. (Roe-UK)
- 7445 **ENGLAND *BBC***, 0036, 2-7-19. Two people in listed Dari language in what sounded like a radio play. SIO222 (Cichorek-NJ)
- 7505 **UZBEKISTAN *N Korea Reform Radio (tent)***, Tashkent, 01/24, 2055. Korean. Talk between two women and Asian (presumed Korean) music. 15331. (Roe-UK)
- 7505 **UNITED STATES *WRNO*** – New Orleans, 1049-1112 Jan 28, English language religious program with nice station ID at change of program at top of the hour. Good signal. (D'Angelo-PA/FCDX)
- 7530 **TAIWAN *Suab Xaa Moo Zoo*** (Voice of Hope) – Tamsui District, 2234-2300* Jan 27, group vocal selections followed by a long talk by a man announcer in the listed Hmong language. Brief vocal prior to closing announcements. Poor to fair. (D'Angelo-PA/FCDX)

- 7550 **INDIA AIR Raagam**, Bengaluru, 01/24, 2030. French. Indian classical music. DRM: (Channel 2) 18dB. (Roe-UK)
- 7780 **UNITED STATES RAE Argentina**, Okeechobee, 01/16, 2200. Italian. Long talk over music bed by male and female co-hosts including some Argentine songs. 45333. (Roe-UK)
- 9100 **SOUTH KOREA Echo of Hope** 2/17 at 1600. M in Korean, choral music and more Korean monologue. Barton-AZ
- 9380 **INDIA AIR** via Aligarh at 1420 UTC March 10 in Hindi. Fair (Delmage, AB)
- 9400 **BULGARIA from the Isle of Music**, Kostinbrod, 01/27, 1500. English/Spanish. Nice Cuban electronica music. 45444. (Roe-UK)
- 9420 **GREECE Voice of Greece**, Avlis, 02/06, 2105. Greek. Some nice haunting Greek music. 55444. (Roe-UK)
- 9450 **PHILIPPINES FEBC** - Bocaue, 2258-2311 Jan 28, IS followed by woman announcer opening the Iu Mien listed language program. Group singing and talks. Very poor. (D'Angelo-PA/FCDX)
- 9515 **SAO TOME & PRINCIPE Voice of America**, 1945, 3-2-19. Two men speaking in listed French with woman joining in conversation. Music at 1959, man in French and Yankee Doodle at 2000. Continued talk in French. Initially fair to poor but improved to a solid fair at 2003. (Cichorek-NJ)
- 9525 **CLANDESTINE Dengê Welat** - Grigoriopol, 1348-1510 Jan 28, nice musical selections with period Kurdish talks. Nice station ID, time pips followed by detailed news program at 1431. Continued past 1500. Fair. Sergey Omelchenko, Technical Director of Pridnestrovsky Radio elements says up to 1500 is them but from 1500 is Issoudun. (D'Angelo-PA/FCDX)
- 9560 **TAIWAN FURUSATO no kaze**, 2/19 at 1430, W in Japanese, musical notes between items. Good signal. Noted // on 7295 (via Taiwan - Very Good) and // on 9960 (via Palau - Fair). Barton-AZ
- 9630 **BRAZIL Radio Aparecida**, 0050, 2-12-19. Two men in Portuguese with talk followed by a male vocal. Recitation of the Hail Mary prayer by two men, music, ID at 0059. SI0333. (Cichorek-NJ)
- 9635 **MALI Radio Nationale du Mali** at 1746 UTC March 9 in Lang? With talk and music. Poor (Delmage, AB)
- 9640 **KOREA, SOUTH KBS World Radio** at 1645 UTC February 24 with Weekend Playlist of K-Pop music. Abrupt off at 1700 UTC. Fair (Delmage, AB)

9664 **BRAZIL *Rádio Voz Missionaria*** – Camboriú, 0031-0112 Jan 28, group vocal selection followed by a man announcer with Portuguese language station ID followed by a jingle ID. Several announcements before more music programming. Good signal but //5939.6 was poor. (D'Angelo-PA/FCDX)

9665 **BRAZIL *Radio Voz Missionaria***, 0103, 2-12-19. Lively talk by two males, vocals. SI0333 (Cichorek-NJ)

9665 **BRAZIL *Voz Missionaria*** at 0008 UTC March 10 in Portuguese with man preaching almost aggressively. Very Good (Delmage, AB)

9675 **SAUDI ARABIA *SBA*** at 1835 U TC February 6 in Arabic with very pleasant music and commentary by yl. Good (Delmage, AB)

9675 **SAUDI ARABIA *SBA*** at 1830 UTC February 21 in presumed Turkish with talk by female and music. Huge Signal with slight polar flutter. (Delmage, AB) Sure wish they would have an English service... (Delmage, AB)

9680 **JAPAN *NHK World Radio (Radio Japan)*** on 3/8, at 1520, w/ M in Japanese in what sounded to be news magazine interview SINPO 44444 Barton-AZ

9690 **NIGERIA *Voice of Nigeria*** at 1850 UTC February 8 in English with talk about agriculture. Fair until REE Spain Interval Signal at 1855 UTC. (Delmage, AB)

9690 **NIGERIA *Voice of Nigeria*** – Ikorodu, 1817-11851 Jan 28, woman announcer with English language talk, playing parts of speech before live crowd eventually ending Sixty Minutes program... Fair. (D'Angelo-PA/FCDX)

9690 **TAIWAN *Furusato no kaze***, 3/9 at 1600, mix of talk and music. Choral singing to sudden close at BoH - Good Barton-AZ

9690 **SPAIN *REE*** 2/20 at 2305-2330 in EE/FF. Report on wine festival. Fair. (McGuire-MD)

9700 **NEW ZEALAND *Radio New Zealand Int'l***, *1059-1104 Jan 28, opened on this channel after closing 9,765 kHz but very poor signal. (D'Angelo-PA/FCDX)

9700 **VATICAN *Radio Veritas Asia – SANTA MARIA DO GALERIA***, 0021-0028* Jan 28, man announcer talking in the listed **KECHIN** language providing a web address. Flute music before station ID and close-down announcements by a woman announcer. Poor to fair. (D'Angelo-PA/FCDX)

9720 **CLANDESTINE *Radio Erena*** – Kostinbrod, 1702-1724 Jan 28, tuned in to several station IDs followed by Tigrinya language talks, some music features. Good signal. (D'Angelo-PA/FCDX)

9720 **CUBA Radio Habana Cuba** March 15 at 2249, RHC in Haitian Kriyol again instead of Portuguese, which I expect a lot more Africans would comprehend although it's rather late beyond Bissau. The 23-24 hour again in English, VG // much weaker 5040 at 2343 check. Something's always wrong at RHC (Hauser, OK)

9765 **NEW ZEALAND Radio New Zealand Int'l**, 1005-1059* Jan 28, woman announcer with weather followed by "RN Zeed" station ID... Good signal. (D'Angelo-PA/FCDX)

9800 **FRANCE Sawtu Linjilia** - Issoudun, 1846-1900* Jan 28, male vocal selection followed by flute music and man talking in Fulfulde language. Another man provided contact information prior to flute music closing. Fair. (D'Angelo-PA/FCDX)

9800 **PHILIPPINES VOICE of America** News 2/12 at 1430 with news magazine with W in Korean, audio clips in English, on Trump policy effects on South Korea. Barton-AZ

9825 **PHILIPPINES VOICE of America**, 2/12 at 1400 with Chinese language service. Not hearing PRC jamming here. Barton-AZ

9839 **VIETNAM Voice of Vietnam** - Son Tay, 0021-0028* Jan 28, end of Indonesian language program. Two minutes of dead air before soft instrumental music opening of the English language service. Several nice station IDs followed by the news. Poor but hanging in there. (D'Angelo-PA/FCDX)

9865 **INDIA AIR** 3/7 at 1600. M announcer in (listed) Hindi, traditional Indian music w/ vocals drums flutes Etc. Some propagation flutter - Barton-AZ

9910 **ARMENIA TWR India** - Yerevan, 1328-1350 Jan 28, listed Maithili language religious program, station ID before opening listed Awadhi language program. Poor. (D'Angelo-PA/FCDX)

9940 **SWAZILAND TWR Africa**, Manzini, 01/11, 1907. Lingala (listed). Talk by male voice and then a hymn sung to accompanying piano. More talk followed and then another Christian song with piano. 45333. (Roe-UK)

9940 **SWAZILAND (ESWATINI) Trans World Radio** - Mpangelo Ranch, 1933-2005* Jan 28, man announcer with religious talk in Lingala language followed by ID and usual IS at 1935... Fair. (D'Angelo-PA/FCDX)

9940 **THAILAND Radio Thailand** - Udorn, *1228-1300* Jan 28, open carrier until bells opening English news with national news and usual ads. Good signal. (D'Angelo-PA/FCDX)

9975 **PALAU NIPPON nokaze/ilbonuebaram** 3/5 at 1500. Monologues with W, M, in Korean. Noted // 9800 (via Taiwan - Very Good). Before close on the half, W in Korean over soft music. Barton-AZ

11530 **MOLDOVA Denge Welat**, Grigoriopol, 01/15, 1340. Kurdish. Non-stop Kurdish music. 55444. (Roe-UK)

11600 **BULGARIA** *the Mighty KBC*, Kostinbrod, 01/12, 1300. English. The Giant Jukebox, starting with music from The BlueStars and Pink Floyd ("See Emily Play"). 55555. (Roe-UK)

11610 **GUAM AWR / KSDA** 2/20, at 2230, with monologue by man in (listed as) Vietnamese - Fair Feb 20 Barton-AZ

11610 **MADAGASCAR WORLD Christian Broadcasting** 3/5 at 2100, opening with man in Chinese dialect, web address, pop alternative rock song. Barton-AZ

11610 **MADAGASCAR WORLD Christian Broadcasting** (KNLS) 3/6 at 2100, opening w/ M in Chinese, alternative rock song, monologues in Chinese dialect. Barton-AZ

11660 **ASCENSION BBC WS** 2/18 at 2150. W with current events magazine pgm. Barton-AZ

11725 **NEW ZEALAND RNZI** at 1908 UTC February 9 with weather for the country followed by Sunday Morning Insight. Tropical Cyclone report at 1958 UTC followed by news at 2000 UTC. Very Good (Delmage, AB)

11730 **TURKEY Voice of Turkey** at 1750 UTC in English with commentary about the Indian/Pakistan tensions. Music through top of the hour including such Turkish hits as "Yeminim Olson" and "Benim Ol" Abrupt off at 1825 UTC. Fair (Delmage, AB)

11730 **TURKEY Voice of Turkey** at 1740 UTC February 22 in English with very nice Turkish music followed by commentary. Good (Delmage, AB)

11730 **GERMANY AWR**, March 14 at 1425, upbeat pop music or praise? S3-S4, 1430 AWR English ID and fading next language? Listed Mandarin, 250 kW, 75 degrees from Nauen. Axually the entire hour is supposed to be (Hauser, OK)

11735 **ZANZIBAR ZBC** at 1805 UTC February 7 in English with news. ID at 1811:45 then into Swahili with talk and music. Poor (Delmage, AB)

11750 **SRI LANKA SLBC City FM**, Trincomalee, 01/26, 1630. Sinhalese. Transmitter on at 1630 with SLBC web address and Sinhalese music. 15331. (Roe-UK)

11750 **SRI LANKA SLBC** at 1705 UTC February 22 in (pres) Sinhala with talk and music. Poor (Delmage, AB)

11760 **CUBA Radio Habana Cuba** in SS. SIO 555, February 10, 2019, 0002 - 0007. Excellent signal. MX program with high energy Latin MX. OM vocalists. (Henley, WA)

11780 **BRAZIL Radio Nacional da Amazonia** in PP. SIO 555, February 9, 2019, 2356 - February 10, 2019, 0001. MX, with OM vocalists. Excellent signal from this 250KW transmitter located in Brasilia. Domestic broadcast. ID in PP, OM announcer, great MX. (Henley, WA)

11780 **BRAZIL *China Radio Int'l***, March 13 at 0137, RNA mentioning stations relaying this program in Pernambuco, TC for 22:38. S9/S9+20 good and hardly anything else on 25m except stronger RHC on 11840, 11760, 11700, 11670. Meanwhile, RNA is not on 6180, leaving it clear for CRI English via Cuba (Hauser, OK)

11840 **CUBA *Radio Habana CUBA*** in SS. SIO 454, February 9, 2019, 2353 – 2356. OM and YL announcers with talk, ID, and news clips. (Henley, WA)

11850 **BOTSWANA *Voice of America*** on 3/5, at 2040, M in (listed as) Hausa. Sounded like news magazine, closed at 2058. 44444 Barton-AZ

11855 **BRAZIL *Radio Aparecida*** in Portuguese at 2346 UTC February 7 with talk by man and music by Padre Marcelo Rossi. Good (Delmage, AB)

11855 **BRAZIL *Rádio Aparecida*** - Aparecida, 2311-2335 Jan 28, woman announcer hosting discussion with two men in the Portuguese language. Fair signal. //6135.1, noted around 0200 on Jan 29, was also fair. (D'Angelo-PA/FCDX)

11910 **JAPAN *NHK Radio Japan*** in JJ. SIO 444, February 9, 2019, 2340 – 2352. MX with heavy QRN. MX is listenable, speech less so. (Henley, WA)

11910 **JAPAN *Radio Japan / NHK World*** 2/17 at 2300, w/ man and woman in Japanese dialogue. Barton-AZ

11945 **AUSTRALIA *Reach Beyond*** - Kununurra, 1257-1300* Jan 29, English language talk by an Australian accented man announcer, mixing with Romania's interval signal as I tuned in. (D'Angelo-PA/FCDX)

11945 **PHILIPPINES *Voice of America*** - Tinang, 0010-0023 Jan 28, Chances language program with talks and music segments. Fair signal. (D'Angelo-PA/FCDX)

11965 **MADAGASCAR RADIO *Feda via World Christian Broadcasting***, 2/17 at 1900 hours w/ man in Arabic, interesting Middle Eastern music, then dialogue with man and woman in Arabic... Barton-AZ

12035 **TURKEY *Voice of Turkey***, March 11 at 1423, it's a skewed-frequency day for VOT English, VP; 1424 can barely perceive the IS (Hauser, OK)

12040 **GUAM *AWR / KSDA*** 2/20 at 2215 with m in listed as Sudanese. Regional music, ID coming at the bottom of the hour, announced going to Javanese language at the at time - Very Good Barton-AZ

12040 **GUAM *KSDA***, March 16 at 2259, as I am surveying RHC and Spain on 25m, just as I tune in, I hear what sounds like the last note of RHC IS and cut off the air. But I can't figure a

formula to explain as a mixing product. O, it's really KSDA ending its 2230 Javanese service, regularly well audible here (Hauser, OK)

12040 **GUAM KSDA/AWR** 2/14 2210. Sounded like child in accented English, religious messages and music. Closing remarks at BoH, announcer says following program "is in Javanese". Nearly at "armchair" level - 44444 Barton-AZ

12050 **UNITED STATES. WEWN** – EWTN Catholic Radio in SS. SIO 343, February 6, 2019, 1648 – 1653. MX plus OMs in discussion followed by more Latin MX. Steep QSB. Listed target is South America. (Henley, WA)

12050 **CLANDESTINE Radio Ndrason Int'l** – Ascension Islands, 1940-2012 Jan 28, woman and man announcers with talk in Kanuri language. Some brief instrumental music segments between features. Station ID and news at 2000. Fair. (D'Angelo-PA/FCDX)

12055 **PHILIPPINES FEBC** in Palaung. SIO 333, February 9, 2019, 2333 – 2337. FEBC in Palaung, with MX, group singing and an OM announcer or leader. Noisy and poor listening. (Henley, WA)

12160 **UNITED STATES WWCR** 2 in EE. SIO 555, February 5, 2019, 1620 – 1628. Beth Ann host. Discussion of abortion after successful birth. CSC Talk Radio. Discussion of Eugenics and Margaret Sanger, founder of Planned Parenthood, the USA's primary abortion mill. (Henley, WA)

12160 **UNITED STATES. WWCR** 2 in EE from Nashville, TN. SIO 555, February 6, 2019, and 1653 – 1704. Conservative Talk Radio. Discussion of the State of the Union speech, talk of gold and silver investments, YL anchor and interviewees... (Henley, WA)

13630 **MALI China Radio Int'l** (via Bamako relay) 3/8 at 2120, w/ a monologue with woman in English, sort of sounded like a VOA broadcast at tune in. Sudden close at 2130 - Fair/Good Barton-AZ

13650 **JAPAN NHK Radio Japan** in Vietnamese. SIO 555, February 9, 2019, 2323 – 2328. Some QRM from China (CRI) on the same frequency. High energy MX, talk. (Henley, WA)

13710 **MADAGASCAR RADIO Feda** 2/18 at 2000. M, W in Arabic, interesting Middle Eastern music. Steady with Fair signal, Barton-AZ

13820 **UNITED STATES Radio Marti** in SS. SIO 444, February 5, 2019, 1629 – 1635. Radio Marti targeting Cuba. Multiple OM announcers. Frequent ID. Strong and listenable. "News of the World for Cuba" Various commentators speaking and some discussion. Latin MX at 1633 with YL vocalist, followed by more Latin MX with OM vocalist. (Henley, WA)

13820 **UNITED STATES Radio Marti** in SS. SIO 555, February 10, 2019, 1707 – 1711. OM and YL announcers with discussion of events in Cuba and other Latin America countries, such as Mexico, Brazil, and Venezuela. Excellent signal. (Henley, WA)

13830 **VATICAN *Vatican Radio***, SM di Galeria, 01/17, 1635. English. African News Panorama and news "for young people" including talk about Panama and World Youth Day. 45333. (Roe-UK)

13845 **UNITED STATES *WWCR*** Dr. Gene Scott religious program in EE via WWCR from Nashville, TN. YL preacher with sermon about resurrection. She was speaking as if to children, not adults, basically "talking down" to the audience. Many quotations from the Bible. (Henley, WA)

15105 **BANGLADESH *Bangladesh Betar***, *1228-1300* Jan 28, IS followed by woman announcer with station ID and opening announcements for English service followed by news and commentary and then music program. Closing announcements at 1259 before pulling the plug. Poor. (D'Angelo-PA/FCDX)

15120 **CUBA *China Radio Int'l*** relay via Havana in SS. SIO 344, February 5, 2019, 0048 – 0051. YL and OM announcers with some MX. Heavy QRN. Poor listening. (Henley, WA)

15125 **CHINA *China Radio Int'l*** in EE. SIO 343, February 5, 2019, 0051 – 0055. OM and YL in talk and interviews. "Crossover" program. Chinese culture and business. Interviews with flower merchants, growers and florists. Discussion of new business models. Henley, WA)

15125 **MALI *China Radio Int'l*** at 1702 UTC March 9 in (p) Swahili. Fair. 13645 I believe to be in // but was getting clobbered by Radio Kuwait DRM hash. (Delmage, AB)

15140 **CUBA *Radio Habana Cuba*** in SS. SIO 555, February 10, 2019, 1703 – 1705. Strong signal. OM with news and talk. (Henley, WA)

15140 **OMAN *Radio Sultanate Oman***, Quivican, 02/08, 1440. English/Arabic. Some nice Cuban music at the moment (initially leading me to think that it was R Habana Cuba also scheduled here at this time). At 1500 a promo in English for Muscat music festival, then into Arabic talk. 45433. (Roe-UK)

15215 **FRANCE *RADIO Oomrang*** at 1629 UTC February 21 in multi languages (Frisian, German and English) with conversations, A mention of Amanda in New York at 1633 UTC> Full English and German ID's at 1638:39. Off air at 1659 UTC. Very Good signal with a horrible / pulse in the background. (Delmage, AB)

15215 **FRANCE *Radio Öömrang*** – Issoudun, 1600-1700 Feb 21, annual transmission from this broadcaster from Amrum Island with the usual assortment of German, Frisian and English commentary. The program host seemed to be Gernot Schrader as in past years mentioning Arjan Koelzow who apparently puts together the special program. Very good signal. (D'Angelo-PA)

15215 **FRANCE *Radio Oomrang*** at 1629 UTC February 21 in multi languages (Frisian, German and English) with conversations, A mention of Amanda in New York at 1633 UTC> Full English and German ID's at 1638:39. Off air at 1659 UTC. Very Good signal with a horrible / pulse in the background. (Delmage, AB)

15235 **SOUTH AFRICA *Channel Africa***, Meyerton, 02/04, 1700. English. Africa Digest. 35333. (Roe-UK)

15235 **SOUTH AFRICA *Channel Africa***- Meyerton, 1631-1719 Jan 28, French service changing over to the English Service at 1700 with news program and news features. Fair to good signal with some fading. (D'Angelo-PA/FCDX)

15350 **SOUTH AFRICA *Radio Dabanga***-Meyerton, 1537-1554* Jan 28, Usual talks but nice series of jingle station IDs. Fair signal. (D'Angelo-PA/FCDX)

15370 **CUBA *Radio Habana Cuba*** in SS. SIO 333, February 9, 2019, 2316 – 2318. OM and YL announcers with ID and talk. Some MX clips. Poor listening. Henley, WA)

15370 **CUBA *Radio Habana Cuba***, March 15 at 2005, RHC is S9+10 in French but JBM. // 15140 also French at S9 but merely undermodulated, i.e. better than 15370. WRTH shows 15140 French to NAM at 2100, so it has shifted an hour earlier; but 15370 French to Europe at 2030, so how did it wind up at 2000? At least, today. Something's always wrong at RHC (Hauser, OK)

15380 **CHINA *CNR*** 1 in CC. SIO 443, February 5, 2019, 0055 – 0058. Talk in Mandarin, some pop MX, YL with strident monologue. Advertisements, more talk with mixed OM and YL announcers. Domestic programming. (Henley, WA)

15435 **PHILIPPINES *FEBC*** in Tai-Nua. SIO 444, February 5, 2019, 0059 – 0100. MX, off air at 0100. (Henley, WA)

15530 **KUWAIT *Radio Kuwait***, Kabd, 01/29, 0645. English. News from foreign press services; later: Western pop/dance music. 45433. (Roe-UK)

15550 **CHINA *CNR*** 1 in CC. SIO 444, February 5, 2019, 0101 – 0104. CNR 1 in Mandarin. Mixed OM and YL announcers, MX, talk, advertisements and news clips. Domestic programming. (Henley, WA)

15560 **PHILIPPINES *FEBC*** in Javanese. SIO 444, February 5, 2019, 0104 – 0110. FEBC Manila in Javanese. MX and talk. Good MX. Some QRN, but easily listenable. Listed target is Indonesia. OM and YL announcers. (Henley, WA)

15585 **GUAM *Adventist World Radio*** in CC via KSDA. SIO 322, February 9, 2019, 2308 – 2315. Poor signal. Difficult listening with heavy QRN. OM announcer in CC. (Henley, WA)

15720 **NEW ZEALAND *RNZI*** in EE. SIO 432, February 9, 2019, 2303 – 2308. YL announcer with interviews. Listed target is Oceania. Heavy QRN, very poor listening. (Henley, WA)

17780 **MALI *China Radio Int'l*** at 1654 UTC March 9 with talk between a man and a women in Arabic. Excellent signal // 15125 kHz at a fair level. 17780 had an abrupt off at 1655 UTC. (Delmage, AB)

17780 **ASCENSION ISLAND BBCWS** at 1700 UTC with program lineup followed by News at 1701 UTC. Fair (Delmage, AB)

17895 **BOTSWANA Voice of America**, Mopeng Hill, 01/27, 1600. English. News and Nightline Africa (with news stories from Nigeria, Cameroon, eSwatini, etc). 45433. (Roe-UK) 



by Jerry Berg


<www.ontheshortwaves.com> **Update, February 24, 2019**—Jamaica, Trinidad, Guadeloupe, Martinique, Curacao, the Windward Islands--they are just shortwave memories now. They didn't have the cachet of Indonesia, Papua New Guinea, Angola and other "prime DX targets," but the Caribbean stations were always fun. Reception was usually good, and the local English-language programming in particular gave an authentic feel for life in the islands. One place that was a little elusive was Barbados, whose "shortwave broadcasting" began as a ham project in the 1930s and grew into occasional Cable & Wireless relays of local sports matches from the 40s into the 60s. Adrian Peterson has told this story in a past edition of *Wavescan*, and we have added to it in "Barbados Shortwave Redux," which is posted under "DX History/Stations."—In "Specialized Resources" we have added two more "new-old" QSLs to our page "VOA Foreign Relays--QSLs," one QSL from Greece and one from the Philippines, both 1955.—And Adrian has favored us with three new pieces of radio history in *Wavescan* 521 (February 17, 2019): (1) "What is the Future for VOA Saipan? - 1"; (2) "Ancient DX Report: 1917, Pt. 2"; and (3) "The Radio Scene on Mount Desert Island [Maine]."

<www.ontheshortwaves.com> **Update, March 3, 2019**—Under "DX History/General Radio History," we have posted "Trinkets-VI," which contains the fronts and backs of various medals and similar items commemorating various radio events. They are: (1) "First Radio Broadcast" (not otherwise described); (2) "50 Years of Broadcasting" (KDKA); (3) "50th Anniversary of First Transatlantic Broadcast" (1923, KDKA to England on shortwave); (4) Centennial of Marconi's birth (1874-1974); (5) "Birth of Modern Broadcasting" (KDKA 1920); (6) "British Broadcasting Begins" (John Reith, 1927); (7) "International Radio Week," Jan. 24-30, 1926 (mediumwave); (8) 'Men from Mars' Invasion Scare" (1938); (9) "Broadcasting's Golden Anniversary" (NAB Convention, 1970); and (10) Centennial of the birth of Alexander Popov, 1859-1959 ("Russia's Marconi").—And in "Specialized Resources/*Wavescan*," Adrian Peterson continues his history of radio on Macau, in "The Radio Scene on the Islands of Macau-IV" (*Wavescan* N522, February 24, 2019).


<www.ontheshortwaves.com> **Update, March 10, 2019**—Under "DX History/Recordings," we have posted brief off-air recordings of 11 Costa Rican shortwave stations. Alas, Costa Rica is no longer on shortwave. The last station to close down was the REE relay station in Cariari, which went dark in 2013. These recordings should bring back some memories. They were made in various years between 1975 and 1998. Index numbers [in brackets] are the ID locations. The stations: (1) R. 88 Estereo, Perez Zeledon, 6071.26 kHz, 1998 [:42]. - (2) R. Capital, San

Jose, 4832 kHz, 1975 [:03]. - (3) TIQ, R. Casino, Puerto Limon, 5955 kHz, 1977 [:20]. - (4) R. Columbia, San Jose, 4825 kHz, 1983 [:14, 1:01]. - (5) R. Impacto, San Jose, 6150 kHz, 1983 [English :57]. - (6) R. Nacional de Costa Rica, San Jose, 6035 kHz, 1981 [:32]. - (7) R. Noticias del Continente, San Jose, 9615 kHz, 1979 [:42, 1:31, 2:04]. - (8) R. Nueva Victoria, San Francisco de Heredia, 6083 kHz, 1979 [:42, 1:11]. - (9) R. Reloj, San Jose, 6006 kHz, 1978 [:12]. - (10) R. Rumbo, Cartago, 6077 kHz, 1980 [:21, :41, 1:59]. - (11) TIAWR-R. Lira International, Alajuela, 9725 kHz, 1990 [Spanish :10, English :54].—Under “Specialized Resources/Wavescan,” we present a story that was originally voiced in two parts in Wavescan: “Radio Australia Pennant Hills-Transmitter Usage-The Full Story” (Wavescans 515 & 517, January 6 and 20, 2019), PDF format. -- And on our “DXing Indonesia” page, under “Specialized Resources,” we have added a recording of “Love Ambon,” the song with which many RRI stations signed off.

<www.ontheshortwaves.com> **Update, March 17, 2019**—On our HCJB tribute page (look for “HCJB, Quito, Ecuador” under “DX History/Stations”), we have added a new item under “HCJB Literature”: a folder, issued in 1945 or soon thereafter, called “The Air--New Missionary Frontier.” It contains highlights of HCJB history, plus some programming and organizational information, and a few photos. HCJB was founded in 1931, and in 1945 its strongest transmitter was 10 kw.

<www.ontheshortwaves.com> **Update, March 24, 2019**—Under “DX History/QSLs & Other Station Memorabilia” we have posted an interesting letter QSL from, and some Radio News DX items about, KU5Q, a widely-heard military shortwave station on Guam that carried some broadcast-style programming during the postwar years.—And under “Specialized Resources/Wavescan,” there are three new Wavescan stories: (1) “What is the Future for VOA-Saipan? A Shortwave Station With Four or Five Callsigns” (Wavescan N523, March 3, 2019); (2) “Railway Radio in Canada: The Phantom Radio Era-2” (Wavescan N524, March 10, 2019); and (3) “The Radio Scene on Disputed Diego Garcia” (Wavescan N525, March 17, 2019). 

NASWA Flashsheet

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