

NASWA Notes

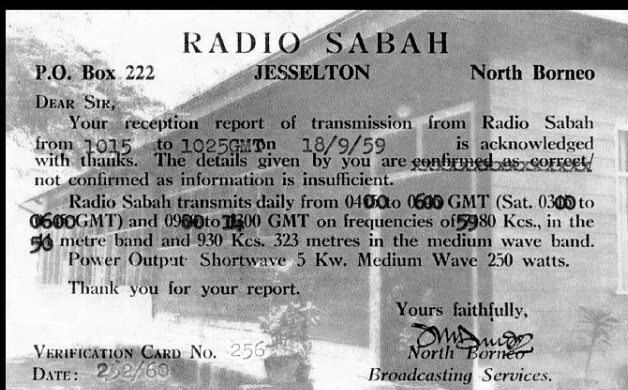
Richard A. D'Angelo • 2216 Burkey Drive • Wyomissing, PA 19610 • rdangelo3@aol.com

To start the New Year off on a good footing, we are pleased to announce it is NASWA Grab Bag time once again. We have about 120-130 items (QSL cards, letters + envelopes, letter w/o envelopes, plus a few orphan envelopes). They have been assembled into 9 grab bags which are available for \$10.00 each. Checks or PayPal orders to headquarters (P. O. Box 3292, Allentown, PA 18106 or hq@naswa.net). Postage and PayPal fees will be absorbed by the club for this endeavor. Remember, this is totally a grab bag, but at \$10.00 delivered, I am sure you will be delighted with the random lot of QSL items from the 1970s. About half the items are QSL cards and the other half are the letter veries. Since these are totally a grab bag (lots already sorted into even batches), no requests for special categories of items can be entertained.

This month's cover features, QSL verification cards, stickers and a pennant from the

Voice of Turkey. Prepared by John Herkimer, the Voice of Turkey is one of our leading international shortwave broadcasters these days. If you have been a long time short-wave listeners, probably one or more of the cover items is in your collection. However, if not it isn't too late to begin as the Voice of Turkey still verifies listener reception reports (they just verified a report of mine sent to them in November).

For collectors of hobby related calendars, the ADDX and RMRC are once again publishing their famous QSL-Calendar. This is the tenth version of this annual QSL laddened calendar which has become a quite popular collectors item with rare and decorative QSL cards from radio stations all over the world. If you want to get some of this fine art QSL-calendar 2019 order now. The QSL-Calendar is DIN A4 size and is available for 15€ from Dr. Harald Gabler (DrGabler@t-online.de) using PayPal or order Banküberweisung



QSL-Calendar 2019

published by ADDX picture archive

with kind support of QSL-Collection – © 2018 by ADDX

Selection and layout: Harald Gabler (RMRC) & Michael Schmitz (ADDX)

Unity and Friendship

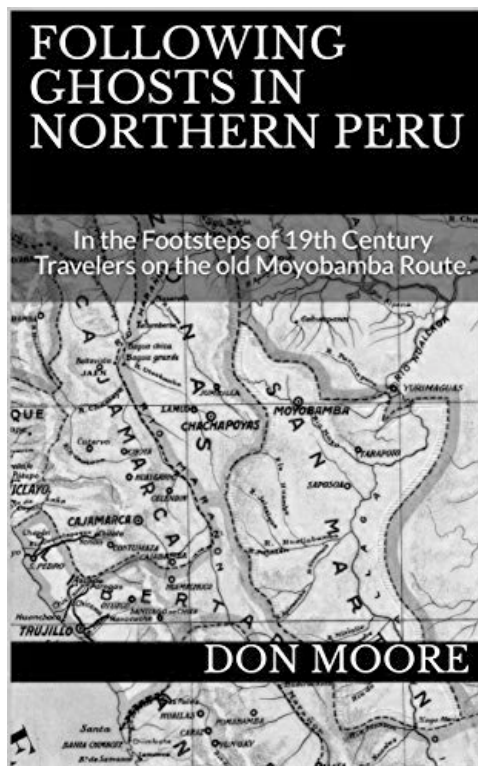
an: HG Spardabank DE50 5009 0500 0005 0183 87. There is a possibility that Harald will be able to get some calendars printed in the USA which would make distribution in North American much easier.

Former Destinations Latin America editor Don Moore has release a book entitled, Following Ghosts in Northern Peru. It is a 564 page book that is available as either a Kindle eBook or a large soft cover book (6x9 inches/15x23 centimeters). Following Ghosts in Northern Peru is the story of the long-forgotten Moyobamba Route, once the main connection between Peru's Pacific coast and the Amazon River. Among the adventurers who rode the old mule trails in the 19th and early 20th century were a Royal Navy lieutenant, a Swiss nobleman, a French reporter, an American professor, and a famous early British aviator. This volume weaves together stories from these and other historic travelers, characters from Peruvian history, and the author's own adventures as he journeyed in the travelers' ghostly footsteps across northern Peru in 2017. The book is available through Amazon with Kindle eBook costing \$4.99 and the softcover version costing \$17.95. Although not a DX book, it will be of interest to radio listeners that enjoyed shortwave outlets from this art of Peru.

Gayle Van Horn W4GVH, CEO/Vice President Teak Publishing, notifies us that the Global Radio Guide (Winter 2018-2019), formerly International Shortwave Broadcast Guide was released on December 4 and is now available at Amazon. If you want to get in on the action, then this Amazon 'electronic' book is your ticket to travel the Global Radio bands. The heart of this publication is a 24-hour station/frequency guide with Winter 2018-2019 schedules for selected medium wave and all known longwave/shortwave radio stations. This unique resource is the only radio publication that

has by-hour schedules that includes all language services, frequencies and world target areas for over 500 broadcast stations. It has a listing of DX radio programs and Internet websites addresses for many of the stations listed in the book. There are also listings for standard time and frequency stations, and even a few intriguing spy numbers station listings. New in the 11th edition is a feature, The Battle of the Airwaves in Cuba by Gayle (W4GVH) and Larry (N5FPW) Van Horn. This comprehensive feature covers the historic as well as an ongoing war over the airwaves between the US and Cuba. Included are listings of AM/FM/Shortwave

broadcast stations in Cuba, US stations beaming to Cuba and an extensive listing of Cuban Internet broadcast audio feeds. The 11th edition of the Global Radio Guide e-Book (electronic book only, no print edition available) is available worldwide from Amazon and their various international websites at <https://www.amazon.com/dp/B07L3RYTPG>. The price for this latest edition is US\$8.49.




A. J. Janitschek of Radio Free Asia ("RFA") recently announced its 2019 Year of the Pig QSL. Those born in a Pig years are considered energetic, positive thinkers and gentle. They are also focused and when they make up their minds to do something, there is evidently little you can do to stop them. Pigs lead very busy lives and must remember to take breaks in order to rest. Pig years are celebrated every twelfth year. The other Chinese zodiac animals and associated years are Rat, Ox, Tiger, Rabbit, Dragon, Snake, Horse, Goat, Monkey, Rooster and Dog. This is RFA's 69th QSL design and is used to confirm all valid RFA reception reports from January - April 2019. RFA encourages listeners to submit reception reports. Reception reports are valuable to RFA as they help them evaluate the signal strength and quality of their transmissions. RFA confirms all accurate reception reports by mailing a QSL card to the listener. RFA

welcomes all reception report submissions at <http://techweb.rfa.org> (follow the QSL REPORTS link) not only from DX'ers, but also from its general listening audience. Reception reports are also accepted by email at qsl@rfa.org and by mail to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036, USA.

The 73rd edition of World Radio TV Handbook (ISBN: 978-1-9998300-1-4) has been published and Universal Radio has been mailing copies to those that have ordered them. The new edition of the WRTH contains 672 pages including 64 pages in full color.

The WRTH also includes articles on topics of great interest to professionals, listeners and DXers alike including articles on HF Curtain Arrays, Broadcasting for Peace in the Lake Chad region, the new MW transmitter installed by TWR Bonaire, and V7AB Radio Marshall Island. Reviews of the latest receivers and equipment including Winradio's Excalibur Sigma, Reuter's RDR51 'Pocket', Icom's IC-R30, and Airspy HF+. The 2019 WRTH is available through Universal Radio.

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 November 20, 2018.

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

Many thanks to those who sent notes of support regarding my announcement and regarding the Camp Fire that destroyed Paradise. Our home is intact, as is most of our neighborhood, and we will reoccupy it as soon as smoke and ash damage are repaired. But as of Christmas Day we are still in a hotel in Roseville, CA. I have just seen my first post-fire mail, so if you sent me a Musing by snail mail, it will appear later. Sorry to have missed the December issue.

This Musings column in the Journal is not about me. It is a forum for you to share your thoughts and memories regarding our mutual hobby. Please do so, preferably by e-mail (until daily home delivery is re-established).

73 Jerry Alice.

Bob Fraser, 255 Lincolnville Ave., Belfast, ME 04915-7404

I read Ed Nawroki's letter in the October NASWA Journal and he, like me, is a Depression Baby. We've seen radio from its first and it has always been changing.

Radio came in the 1930's and it was dominated by the big names of stage and screen – Jack Benny, Fred Allen, Ed Wynn, Eddie Cantor. Radio was so popular it replaced the wind-up phonograph which, in turn, had replaced the piano and parlor organ as home entertainment.

A number of stations had full power, 50 kW to reach the most distant listener. There was even an experimental 500 kW station.

One of my fondest memories is seeing a ladder of red lights beyond the pastures and distant forest. My grandmother said that it was the new WBZ antennas, just built on Nantasket Beach. WBZ has always dominated New England and still does.

Television then came and all the big names rushed in to be a part of it. Now we could see them as well as hear them.

Rock and Roll then discovered AM radio with names like Don Imus, Wolfman Jack, Woo Woo Ginsburg and the Top 40. My brother was a fan and delighted in listening to the big four – WMEX Boston on 1510, WKEW Buffalo 1520, WCKY Cincinnati 1530 and WFTR Albany 1540.

Coincidence or not, it was at this time that Japan flooded the U.S. market with the tiny transistor radio. To say it was popular is to put it mildly. It was rare to see a person without one.

Rock discovered the FM band with its full tone and static free, long the seat of classical music.

AM changed again, into News and Talk. Two networks are Reality Radio, Tuesday thru Fridays, midnight to 2 am EST and AM coast to coast, 7 days 2 to 4 am EST. Listeners are encouraged to call in any subject and many are “interesting” to say the least.

Like it or not, radio is changing again to satellite relays and hand held computers (otherwise known as iphones). These are quite popular as the transistors were with their parents. . .

Sincerely, Bob.

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. 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. If you are into social media, give it a try.



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.

Publisher's Corner

Richard Cuff • P.O. Box 3292 • Allentown, PA 18106 • hq@naswa.net

Welcome to the January *Publisher's Corner*! Announcing NASWA e-Memberships beginning February 2019!

What's an e-Membership?

An e-Membership is a way to belong to NASWA that doesn't involve a paper *Journal* sent to your mailbox each month. You'll still receive a monthly *Journal*; however you'll now receive a monthly e-mailed PDF file that can be viewed on a smartphone, tablet, or computer. This way of receiving the *Journal* saves printing and postage expenses, which we can then pass along to members via lower membership fees. This can be a godsend especially for overseas members!

What will an e-Membership cost?

NASWA is offering e-Memberships for \$15 per year. This pricing is consistent with other radio clubs who offer both paper memberships and e-memberships.

I'm already a NASWA member. Can I switch to an e-membership?

Yes – send me a note (to the hq@naswa.net e-mail address) and we will change your membership to an e-membership with the next month's edition, extending your expiration date to reflect the reduced cost of an e-membership. The new e-Membership option is available with the next edition of the *Journal* – February 2019.

Example: Say your current membership expires June 2019 – shown as '0619' on the address label. Also assume you're a USA-based member. If you switch to an e-membership effective with the February *Journal*, your new expiration date would become November 2019.

The logic: You had five months of "paper membership" remaining, which is equivalent to the cost of ten months of "e-membership". So your membership is then extended by five months to balance things out.

How will the e-Journal differ from the paper Journal?

The *e-Journal* will be formatted to an 8 ½ x 11 size, which means you'll be able to print it on normal letter-sized paper at home. The text will appear larger than you're used to seeing in the printed *Journal*. Alternatively you could choose to print your *Journal* in "2-up" format, reducing the font size but also using less paper. Your choice!

You'll also see more things appear in color – like the cover, and some photos – in the *e-Journal*. Initially the content between the two versions of the *Journal* will be the same, as we won't be changing column page allocations, and we'll be managing to the page count used for the paper *Journal*.

When will I receive the e-Journal each month?

We expect to time the release of the *e-Journal* to match the timing of the printed *Journal* reaching the Post Office, which, for February, would be approximately February 1 or February 4.

Can I keep my paper-based membership and also get the e-Journal?

Yes – if we have your e-mail address we'll send out the *e-Journal* to you as well.

Will the cost of paper-based memberships go up?

We don't expect to raise paper-based membership fees for the foreseeable future, but we'll continue to monitor costs to produce the *Journal* each month – primarily the costs of printing and postage – and adjust membership fees as needed.

What if I have other questions you haven't answered here?

Send them to me via e-mail (hq@naswa.net) and I'll send you a personal answer and summarize any additional questions & answers in next month's column!



Listening Review

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

Hello and welcome to the January edition of Listening Review. This month, I'll look in brief at a few programs that I listened to in the second part of December.

China Radio International

I have become quite fond of the China R Int's Mongolian service over the past few weeks, in particular the music that they play. Some days, this runs about 10-15 minutes from just over 35 minutes into the program, and some days there is some 30 plus minutes of music from about 12 minutes into the program. The transmission from 0000-0100 on 7205kHz is coming in very strongly at present to UK, which I have been recording from time to time for later playback. There is a nice mix of "traditional" Mongolian tunes along with more modern pop-type music, but with the same sorts of rhythms as the more traditional music. I find it very pleasant to listen to.

The program on 22 December included about 10 minutes of some fairly modern songs with the traditional Mongolian rhythm. The program on 23 December meanwhile was a full half hour from 0015 and included a female vocal singer accompanied by a band including a traditional stringed instrument, and later was a fantastic song of Mongolian throat singing together with the rather distinctive mouth harp. The program ended with a Mongolian pop song. It was a very enjoyable half an hour. On 24 December, the program was again 30 minutes long and featured some modern songs. The first few songs were pleasant pop ballads, performed by what sounded like Mongolian "boy-bands". This was followed by a rock-type song, which sounded like it was a modern version of the traditional Mongolian throat singing. I do not normally expect throat singing to be anything but traditional songs, and to hear it used in a modern rock/pop song was most

unexpected. The remainder of the program was again more of the pop ballads by "boy-bands". Another enjoyable half hour, and I will continue listening regularly.

CRI's Mongolian service is scheduled as follows:

0000-0100: 7205 9470;
1100-1200: 6100 7390;
1200-1300: 5915 5990;
1300-1400: 6100 7285;
1400-1500: 5915 5990;
2300-2400: 6185 7205.

Radio Romania International

The R Romania Int's weekly classical music hour **Radio Concert Season** rarely fails to delight, and on 23 December at 0200UT on 5910 and 7340 there was the Christmas Concert. Unlike many of RRI's other programs, this is the only shortwave airing of this program (a rebroadcast from Friday night's two-hour broadcast on domestic R Romania Muzical) except that only the first hour gets to be aired on shortwave, whilst unfortunately the second hour is internet-only. This edition started with a medley of Christmas carols, followed by a medley of Christmas songs (Sleigh Ride, Frosty the Snowman and Rudolph the Red-Nosed Reindeer) and then continued with other well-known songs including "Never Enough" from The Greatest Showman. Yes, once again – a truly delightful program.

Radio Concert Season is broadcast Sundays 0200-0256UTC on 5910, 7340kHz., and can be heard "on-demand" at <http://www.romania-muzical.ro/emisiuni/es-index.htm?sh=120> although it usually takes several days after broadcast before a program becomes available here.

BBC World Service

A Festival of Nine Lessons and Carols is an annual tradition on Christmas Eve (24 December at 1500UT) on BBC Radio and is broadcast live from the Chapel of King's College, Cambridge on both domestic Radio 4 and BBC World Service. The nine Lessons are the same each year, however the carol selection varies slightly year by year, although always starting with *Once in Royal David's City* and concluding with *Hark! The herald angels sing*, and now also includes a new specially commissioned carol each year. I had not intended to listen this year – merely perform a quick scan at 1500UT to check which frequencies, but from the first notes of the soloist singing *Once in Royal*

David's City, I was captivated and listened for the whole duration – 90 minutes. Incidentally, it seems that the chorister is only told moments before the live broadcast that he will be the soloist to sing the opening verse; this is partly the conductor choosing who has the best singing voice on the day and partly to avoid undue stress for the chorister ahead of the big moment.

I listened on 12095kHz from 1500-1600, and then 7445kHz from 1600-1630 (both via Madagascar), and I have put a reminder in my calendar to listen again next year.

Until next time,

73's – Alan.



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. 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.



NASWA Flashsheet

Are you getting the latest hot information about what is happening on the shortwave bands? If you have not signed up for the club's electronic *Flashsheet* service, you are missing out on timely news and information about the DX scene that will enhance your shortwave listening pleasure. If you are a current member of the club and want to receive the electronic Flashsheet just drop **Rich D'Angelo** (rdangelo3@aol.com) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic *Flashsheet* edited by **Mark Taylor**, markokpik@gmail.com. The club's electronic *Flashsheet* helps members stay on top of the action with breaking shortwave news and information. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news.



International Broadcasting

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

Battle of the brands: BBC versus “you sag ‘em”

December was a busy month for news and commentary about U.S. international broadcasting. The first volley was from Martha Bayles, a scholar of public diplomacy, writing in *The American Interest* (bit.ly/2Rgwdpw). She notes that Voice of America “was mentioned 188 times in the major U.S. print media between 2011 and 2012, compared with 2,000 references to CNN in the New York Times alone. Among the few mentions of VOA, only 15 percent referred to it as a legitimate news organization.” One of VOA’s problems is “the lack of a clear and consistent brand ... complicated by the piecemeal addition of four sibling networks,” whereas since 1922 “the BBC never ceased to be the BBC.” The brand identity problem was recently capped when the Broadcasting Board of Governors became the U.S. Agency for Global Media. “Did no one consider that ‘USAGM’ is actually longer and harder to pronounce than ‘BBG’? After a few days of wondering how to pronounce it, I finally settled on ‘you sag ‘em.’”

On December 21, the *Washington Post* (wapo.st/2CBkPwk) dug in to Radio TV Martí and its anti-Semitic report about George Soros in May 2018. Using Google’s cache, the Post also found a since-deleted anti-Muslim essay published by the Martí website in September.

“We will lose stature and standing as a country”

That same day, the *New York Times* (nyti.ms/2GiPNx0) reviewed not only the controversies at Martí but also those involving VOA’s Mandarin and Hausa services. “At risk from the recent missteps and the potential for Mr. Trump to impose his own self-interested vision of news, media analysts

say, is the agency’s brand as an objective, trusted source of information in nations where freedom of the press is under attack.”

Quoting Frank Sesno, a former broadcast journalist and the director of the School of Media and Public Affairs at the George Washington University: “If we go down the road of turning our international broadcasting into a product that appears to be manipulated or becomes a conspiracy network or an apology network for anyone, we will lose stature and standing as a country.”

The *Times* added: “The agency’s journalists are legally shielded from political meddling, but it is unclear how those protections would be enforced. For decades, an uneasy mix of politics and journalism have led to management problems, turf battles and inertia.”

“VOA is a rotten fish”

On December 14, Noah Bierman, writing in the *Los Angeles Times* (lat.ms/2rFH11R), provided an even more comprehensive assessment of what might happen when USAGM comes under a politically appointed CEO. “On one side of the emerging fight are Trump allies, led by [Stephen K.] Bannon, who are eager to shed some of the Voice of America’s hard-won independence and use the service more overtly to further Trump’s ‘America first’ agenda. ‘VOA is a rotten fish from top to bottom,’ Bannon, the former leader of the conservative Breitbart news site, said in an interview. ‘It’s now totally controlled by the deep-state apparatus.’”

“On the other side is a bipartisan group arguing that independent reporting — including controversial stories about U.S. politics — offers the best advertisement for American values abroad.”

"To date [President Trump] has largely ignored Bannon's entreaties to take a more personal stake in the network. 'Some things don't resonate with him,' Bannon said. 'He doesn't think it's big league.' Voice of America's defenders welcome that disinterest, assuming Trump has ignored it because most broadcasts are in one of 46 foreign languages and are largely unseen inside the United States."

Tinian, Saipan: "The damage was very extensive"

Switching now from political to technical aspects of U.S. international broadcasting, James Careless in *Radio World*, December 21 (bit.ly/2RkAfx5), covers in detail the damage done in October to the USAGM shortwave relays stations on Saipan and Tinian in the Northern Mariana Islands by Super Typhoon Yutu. "'Yutu's eye passed between the two islands of Saipan and Tinian, so the super typhoon scored a direct hit on our two transmission sites,' said Terry Balazs, USAGM director of the Office of Technology, Services and Innovation. 'The damage was very extensive at both sites, and, of course, on both of the islands.'"

"'Every operating curtain-array antenna has been damaged, in a way that they cannot be used,' said Balazs. 'The towers are still there, but the curtains and elements have been severely damaged and, in many cases, torn off. So there's no way in the short term that we're going to be able to restore broadcasting.'"

"Although RFA/VOA shortwave transmissions have been moved to other Pacific Ocean sites for the time being, none offer the range and reach of the Saipan/Tinian sites."

Thailand and the Philippines never allowed Radio Free Asia to use the VOA (now USAGM) relays on their soil, so the loss of the Northern Mariana relays is especially consequential to that station. In recent years, USAGM has been keen to shift from shortwave to

newer and more fashionable media, so it's an open question as to whether it will provide the necessary funds to restore these facilities.


"Spray and pray"

On December 22, the House Foreign Affairs Committee released an oversight report (bit.ly/2EHLftG) "outlining failures in management at the U.S. Agency for Global Media (USAGM) that led to repeated violations of the Smith-Mundt Act. This report is the product of a three-month investigation launched after a July New York Times piece exposing Radio Free Europe/Radio Liberty (RFE/RL) Facebook ads that illegally targeted audiences in the United States."

After the New York Times piece was issued, I inquired to the (then) BBG and elsewhere whether audiences in the United States were specifically targeted, or if the advertising was global and thus happened to include the United States. I did not get a straight answer from anyone.

From the Committee report: "At VOA, some employees were purchasing digital ads on their cell phones – bypassing the more sophisticated and targeted desktop interfaces offered by platforms (this practice has been banned in the wake of the committee's inquiry). Many network ads reviewed by the committee were essentially 'spray and pray' campaigns – which are easy to launch but have been deemed ineffective and cost-inefficient by marketing professionals for years."

The objections to domestic dissemination appear to be limited to *advertising* the content of USAGM entities. So far, no one is calling for a stop to the domestic distribution of VOA, RFE/RL, and other USAGM websites, an outcome that could be readily facilitated by geoblocking.

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

Shortwave Center

John Figliozzi • 45 Algonquin Road • Clifton Park, NY 12065 • jfiglio1@nycap.rr.com

*Happy New Year! Perhaps like you, I look at the calendar and marvel that we are at a year labeled 2019, almost a fifth of the way through the 21st century. Radio—especially shortwave radio—has changed markedly over my no half century “career” as an SWL/DXer. We could use a few member-authored articles in this space detailing your personal perspectives about this passage of time and its effect on YOUR careers in the hobby. How about it? Make a resolution and follow through. Your editor looks forward to hearing from you and seeing **your** words in this space in **your** magazine of **your** club!*

SHORTWAVE NEWS

Super Typhoon Devastates USAGM Transmission Sites

Yutu scored a direct hit on two islands in the Northern Mariana Islands in October.

Radio World

December 19, 2018

By James Careless

(Reprinted by permission)

Two shortwave radio transmission/ antenna farms used by the U.S. Agency for Global Media in Saipan and Tinian were ripped apart by 180 mph winds in October. That’s when Category 5 Super Typhoon Yutu ravaged the Northern Mariana island group in the northwestern Pacific Ocean.

Deemed to be tied with Super Typhoon Mangkhut as “the strongest storm on Earth this year” by NASA’s Earth Observatory, Yutu levelled buildings and electrical infrastructure in this U.S. commonwealth. Power was still unavailable in many areas as of early December, and repairs are expected to take many months.

“Yutu’s eye passed between the two islands of Saipan and Tinian, so the super typhoon scored a direct hit on our two transmission sites,” said Terry Balazs, USAGM director of the Office of Technology, Services and Innovation. “The damage was very exten-

sive at both sites, and, of course, on both of the islands.”

USAGM — until recently named the Broadcasting Board of Governors — uses the Saipan and Tinian sites to broadcast **Radio Free Asia** and **Voice of America** multi-language radio programming into China and other Asian nations. Although RFA/VOA shortwave transmissions have been moved to other Pacific Ocean sites for the time being, none offer the range and reach of the Saipan/Tinian sites. Collectively, the two locations are known as the Robert E. Kamosa Transmitting Station or REKTS.

“Both stations were completely wiped out,” wrote William Martin, manager of the USAGM Philippines Transmitting Station, in a text message to long-time “World of Radio” broadcast host and *DX Listening Digest* editor Glenn Hauser that was shared with *Radio World*. “Antennas mangled, roofs partially torn off, fence lines flattened. Both sites will be off air a minimum six months, possibly up to a year.”

Jaw-Dropping Damage

The extensive and extreme damage suffered at the two REKTS sites are breathtakingly portrayed in USAGM photos. So powerful were the winds that the concrete weight

rings that hold down an antenna guy wire anchor were literally shaken to pieces. Feed and power lines were knocked down everywhere; STL links toppled and curtain-array shortwave antennas (consisting of transmission wire webs strung between support towers) were tangled and torn like unravelling knitted sweaters.

“Every operating curtain-array antenna has been damaged, in a way that they cannot be used,” said Balazs. “The towers are still there, but the curtains and elements have been severely damaged and, in many cases, torn off. So there’s no way in the short term that we’re going to be able to restore broadcasting. We need to send an expert there to assess which antennas can be repaired, and which ones have to be replaced.”

Meanwhile, satellite dishes that downlinked RFA and VOA were either fragmented like china plates dropped on a stone floor or simply “blown away,” he said. “They’re just gone.”

In contrast, the main buildings at both sites “are pretty much intact,” Balazs told *Radio World*. “The shortwave transmitters inside the building are intact, but some of them have water damage. We have dried them up, but you never know if they’re going to be completely functional until you fire them up again.”

REKTS does have local power, thanks to its own generators, but the main electrical grid that normally feeds the two sites is still offline at this writing. REKTS staff have been doing whatever repairs are necessary to the two sites’ buildings, plus removing fences knocked down by Yutu’s 180 mph winds and debris blown onto their properties.

“Debris from anywhere in the islands seem to have ended up on our sites,” said Balazs.

But repairing the massive curtain arrays in a timely manner is beyond their capacity; they just don’t have enough people or equipment to do the job without substantial outside help.

An Uncertain Future

The destruction of REKTS’ shortwave transmitting capability comes at a time when the USAGM has been backing away from shortwave radio broadcasting in general. The big reason is money. For example, the cost of powering the three 100 kW Continental 418E transmitters at the Saipan site alone is astronomical compared to streaming content online. For similar reasons, governments around the globe have either cut back their international radio services — the BBC World Service having ceased shortwave broadcasts to North America — or eliminated them entirely.

“USAGM has made no secret of its desire to shift its investment from shortwave to newer, more fashionable technologies,” said Kim Andrew Elliott, retired **VOA** audience research analyst and producer of “Shortwave Radiogram,” which broadcasts text and images via analog shortwave stations WRMI in Florida and Space Line in Bulgaria.

“As such, it might be tempted to take this opportunity to close the Northern Mariana shortwave stations, or at least Saipan, the smaller of the two. Still, if the towers at Saipan are still standing and the transmitters still operational, and given the rising potential for crises in East Asia further squeezing the internet, it would be a good idea to keep both stations on the air,” Elliott said.

This view is echoed by Glenn Hauser, another of the world’s most knowledgeable shortwave authorities. Asked if he expect the USAGM to repair these sites given that the agency has publicly discussed closing down REKTS in 2019, Hauser replied, “I doubt it, as the trend has already been away from shortwave toward webcasting.”

Asked if REKTS was slated for shutdown before Yutu’s onslaught, USAGM’s Balazs replied, “We haven’t made a decision on that.”

Given the uncertain future of the REKTS sites — whose assets are collectively valued at \$7.6 million in the USAGM’s FY 2018 Performance and Accountability Report — he

thinks the most sensible way to handle the repair process would be on an antenna-by-antenna basis, rather than as one big, expensive project.

“When we get the first one fixed, we could use it to resume broadcasting because more than likely the transmitters will be easier to repair,” said Balazs. “As to how far we would go with the restoration process? Again, that hasn’t been decided yet.”

During Balazs’s 35 years of service, the USAGM and its predecessors “have never faced a station disaster quite like this before,” he said. “We’ve lost antennas and power due to storms over the years, but we’ve never lost the complete capability of a transmission site before. This is really unprecedented.”

REKTS in an Increasingly Censored World

Before being knocked off-air by Super Typhoon Yutu, REKTS’ Saipan and Tinian shortwave farms played a central role in the USAGM’s radio broadcasts to Asia.

“The HFCC [High Frequency Coordination Conference, the international co-operative group that coordinates shortwave frequency allocations among nations] had 38 daily transmissions registered for Tinian, with eight transmitters; and 10 for Saipan with three transmitters, planned for the B-18 season which began a few days after the typhoon,” said “World of Radio” host Glenn Hauser. These were mostly **Radio Free Asia** broadcasts to the region from Tinian in Burmese, Tibetan, Mandarin, Korean, Khmer, Uighur, Cantonese. Saipan in Mandarin, Lao and Korean; plus some limited VOA transmissions.

“Tinian was the primary site for **RFA** to China, although China was already also reached from the west via transmitters in Kuwait — already being upgraded for increased capacity — and Germany,” he added.

To counter Chinese jamming of **RFA** broadcasts, the REKTS sites transmitted on

numerous frequencies at once. Losing REKTS has substantially reduced the number of available frequencies, “so **RFA** to China has taken a major hit,” said Hauser. But “listeners still have a chance to hear it, if they can get past the jamming.”

Losing REKTS could seriously undercut the USAGM’s ability to reach Asian audiences with an American perspective, said Kim Andrew Elliott.

“To the extent they ever have been, Asian audiences are mostly out of the habit of tuning in shortwave radio broadcasts. They are watching TV and accessing the internet,” Elliott said. “But in most Asian target countries for **VOA** and **RFA**, domestic terrestrial relays of its television broadcasts are not allowed. And most television viewers do not have access to the satellites that carry **VOA** and **RFA** content.

“As for the Internet, China and other countries in the region are finding more and more ways to block Internet content. They are also going after circumvention technologies and VPNs. Even savvy Internet users in Asia might run out of ways to work around these efforts.”

For this reason, shortwave should remain a component of USAGM’s delivery to Asia, Elliott said. “The direct audiences will not be large, but a few thousand technology enthusiasts can receive content from abroad via shortwave, then pass it on to larger audiences through domestic channels. The VOA Radiogram and Shortwave Radiogram projects have shown that text and images can be transmitted on shortwave, with no special additional equipment needed by broadcasters and requiring only the addition of free software for the audience.”

[Ed. Note: The original article has several photographs of the aftermath of the storm, further illustrating the extent of the damage described, that are too numerous to reprint here. Go to: <https://www.radioworld.com/news-and-business/super-typhoon-devastates-usagm-transmission-sites>]

SHORTWAVE TECHNIQUE

Less Can Be More: Low-Cost Short Wave DXing

By Clint Gouveia M6YCG

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British DX Club

[Ed. Note: In this article, Clint Gouveia goes outdoors and looks at HF DXing with simple means, using inexpensive equipment to achieve astonishing results.]

I receive a lot of messages from would-be shortwave listeners/ DXers who, having investigated the hobby online, decided to 'take the plunge' and buy a receiver – usually a portable one. The HF DXing demographic seems binary; on the one hand, there are youngsters, who have little or no experience of the hobby and don't remember life before the internet.

On the other hand, you have more mature operators who were, maybe, involved in the hobby many years back and are now looking to 're-engage' with it now. I imagine it can be quite daunting for a 'newbie' to get into shortwave listening. You've only got to take a look at the 'average' DXer's shack – and mine is a good example (below). There can be a plethora of complex and expensive-looking radio equipment, amassed over some years, as well as antennas in the garden and coaxial cables all over the place.

It's a perception hurdle, which can be difficult to overcome, as I know from talking to my subscribers. In my own shack, I have many receivers, old and new, which, at the time of purchase, I deemed necessary to deliver the best possible modulation from the best possible signal-to-noise ratio.

And this is, of course, the crux of shortwave DXing: The signal-to-noise ratio. In our

modern times, flat screen TVs, PLT adaptors and a multitude of other devices all spew out copious electrical noise. The noise floor of -130dB we enjoyed in the 1980s is often as bad as -100dB today. The higher the noise floor, the less modulation is detected, and with less modulation, there will be less recovered audio and so on.

At times, it almost feels like a war at my QTH! Ultimately, all this can result in very poor shortwave reception at home. What's the general solution? Invest in expensive and sophisticated receivers, coupled to similarly expensive and sophisticated antennas?

Well, in my case, until recently, much of my DXing on MW and HF was conducted using an Elad FDM DUO receiver, coupled to a Wellbrook ALA1530 magnetic loop antenna. Throw in the cost of a laptop to make all this happen and you're easily talking about a cost in excess of £1,600. Simply a crazy amount of money for a newcomer to be investing in a hobby. However, there is a cheaper alternative, and it can deliver better results than expensive equipment.

Go Outdoors!

Local QRM, generated by noisy appliances, is the one variable affecting what you can hear with whatever equipment. However, this is one factor which you can actually mitigate for by just getting yourself outside.

I have had a lifelong interest in tropical band DXing. Therefore, my focus often ranges from the 90m broadcast band, down to 60m. A check back through more than 2,200 reception videos on my YouTube channel confirms that my best-ever reception of any station on the tropical band (and elsewhere on HF) was always achieved with a portable receiver, out on a 'DXpedition'.

Why is this? Because the noise-floor in my shack is always at least 20dB higher than the local wood I use when I am out and about. This is a huge factor, determining what you will hear, and it will affect the quality of the reception in terms of both demodulation and audio.

Therefore, it is a simple equation: Low-cost DXing equipment outdoors = better results than highcost DXing equipment at home.

Here is a real-world example: My vintage Sony ICF-2001D, which I bought on eBay for about £150, delivers a stronger and clearer signal from Rádio Clube do Pará (4885 kHz, Belém, Brazil) than I could ever hope to hear on my £1,650 Elad/Wellbrook setup.

I could list many, many more examples, but the point is made. You don't have to spend a fortune on equipment; clever use of some more modest gear will frequently deliver superb DX results. And there's more good news: The relative cost of really excellent shortwave portables has decreased significantly over the last two decades. Today, it is possible to purchase a portable with excellent performance for less than £100.

Under £10: Tesco RAD-108

So, what can you expect to hear and at what cost? Let us have a quick look. For under £10, you can buy the RAD-108 analogue world band receiver (Tesco £8). It delivers decent enough results at a throwaway-price. It's quite amazing to think that, in 2018, you can buy a world band radio for less than a tenner.

Admittedly, it is analogue, so you won't be certain about what you're listening to unless you actually listen! However, that is not a bad thing in my opinion. Bearing in mind that a receiver of this cost and simplicity could be easily dismissed as a 'waste of time', I ask what can you actually hear with it?

Well, it covers HF from 60 to 13m, in discrete bands, which is adequate for most shortwave listening. I like to check out 75 and 90m too, but these days there's not so much on those bands and most signals that

are present will be too weak for a radio of this simplicity and sensitivity.

However, having spent a few weeks, two summers ago, testing this very radio, what I managed to copy was actually surprising. Among many other stations, I received: NHK World Radio Japan, transmitting from Madagascar on 11985 kHz, Radio Thailand on 9390 kHz, VOA, via Botswana relay, on 15580 kHz, Radio Rebelde Cuba on 5035 kHz, VOA transmitting in English, via Pinheira, São Tomé and Príncipe, on 4960 kHz, and, quite incredibly, the Voice of Korea (DPRK) on 11645 kHz.

All these signals were copied with a mere wire attached to the telescopic antenna, about 20m in length. Overloading is an issue for a budget portable such as this one and you have to be careful with antenna length. But overall, what a fabulous performance from such a cheap portable – the sort of radio you could take camping and not worry if it got broken or lost. Brilliant stuff, at what is, obviously, ultra-low cost.

Under £30: Tecsun PL-360 & PL-310ET

In this category, Tecsun deserves more than a passing mention. The company offers two modestly priced, yet excellent, portables, the Tecsun PL-360 and the Tecsun PL-310ET.

The PL-360 is available on eBay, and elsewhere on the internet, for less than £30. What you get for your money, is a DSP shortwave receiver in a 'walkie-talkie' form-factor, with no push button direct frequency entry, no audio bandwidth options and no external antenna socket to enhance shortwave reception (although you do get this for the medium wave broadcast band). On the upside, you get a level of sensitivity that punches above its price-point, a feature that allows you to 'toggle' between HF broadcast bands and a scanning mode, automatically storing any signal found.

I have used this receiver extensively outdoors, with 20 or 30m of wire wound around the base of the telescopic antenna or attached using a crocodile clip.

In this way, I copied Reach Beyond Australia HCJB on 12075 kHz, Radio Dabanga, Madagascar on 15150 kHz, the Zanzibar Broadcasting Corporation on 11735 kHz, the Voice of Korea (DPRK) on 11645 kHz, Radio New Zealand International on 9700 kHz, KSDA-AWR GUAM from Agat in the Western Pacific on 9800 kHz, Radio Argentina Exterior on 15345 kHz and many, many, more stations.

For less than £30, this little radio will deliver excellent results, way beyond the big, high-TX powered, international broadcasters. I can't recommend it highly enough for beginners or those needing a low-cost, hardy radio to carry with them for some ad-hoc listening. On average, the Tecsun PL-310ET is just £10 more expensive than its little brother the PL-360.

What do you get for the extra outlay and what can you expect to hear? Well, the good news is that you are offered an external antenna socket for HF to enhance shortwave reception. You also get direct frequency access, which means you can select a frequency at the press of a few buttons. This makes tuning considerably more efficient and quicker than with the PL-360. Perhaps most importantly, there are audio filtering options, which allow the listener to be much more selective in terms of audio quality versus mitigating adjacent channel interference. This is a 'must' for any serious DXer because, even though the shortwave bands are much less congested than in yesteryear, you will find there are still more than enough signals offering very interesting DXing results.

Once again, I have used this radio extensively and copied many signals that one might think are beyond the capabilities of a sub-£40 portable receiver. It is a very sensitive DSP portable that also benefits from outstanding selectivity.

Table 1 displays a selection of stations heard with the Tecsun PL-310ET radio. While some of these are no longer broadcasting, their inclusion gives a sense of just how sensitive this little radio is.

This is an impressive list of HF DXing results, some of which any serious listener would be glad to copy at home, using an array of expensive receivers and antennas. To think that all of these stations were copied with a piece of wire and a sub-£40 portable radio says it all really. Overall, many modern receivers are much better positioned, in terms of performance as a function of price. This shows clearly when you take one out on a DXpedition, to get away from noise pollution. Again, the Tecsun PL-310ET is a radio I strongly recommend, both to newcomers and to seasoned listeners alike.

Under £100: The XHDATA D-808

Next up, is the rather ordinary looking – but spectacularly performing – XHDATA D-808 radio (right). I make no bones about it: This is a very unassuming looking radio. It is manufactured in China, at obviously low cost. At first glance, it doesn't look very special. The plastic used for the external casing looks and feels a tad 'cheap', and, when I bought mine last Christmas, the £60 I paid online didn't really feel like a bargain.

However, this all changed when I switched it on and used it for the first time. In terms of specifications, this is a multi-band DSP receiver with direct frequency input, SSB capability with fine-tuning, audio bandwidth filtering options (500Hz, 1, 1.2, 2.2, 3 and 4 kHz). There is a 1 kHz tuning step on SW and an external antenna socket, which is all important. The audio on a strong AM signal or FM is a little 'tinny' because the speaker is relatively small and the ergonomics just about suitable. However, I am nit-picking really.

What differentiates this radio? Well, its performance, as a function of cost, is unsurpassed. This radio has an absolutely superb sensitivity (quoted as <10 µV on SW) and selectivity and can handle a long wire without overloading. The audio bandwidth filters are also very good. Demodulation of a weak AM signal still delivers discernible audio, even when using the narrowest (1 kHz) filter.

This is not something I've experienced previously with any other radio. Sensitivity on the telescopic antenna and on a long wire is just about as good as any portable I have used previously, and I include Sony's venerable ICF-2001D and ICF-SW77 receivers in that category. It's that good. Excellent online reviews posted by me and others caused this radio to sell out a few months back, but they're available again, for around £85. This is an absolute bargain. Experienced and new DXers alike should grab one.

So, once again, what can you expect to hear with this radio? Table 2 contains a list of some of the stations I copied a few months back. I think this is very impressive for what is essentially a budget receiver.

I could go on, but you get the picture. All stations in Tables 1 and 2 were copied from my shack, except one (Super Rádio Boa Vontade), which I had never heard before, and which I copied with the D-808. In every case, reception outdoors, with a long wire or other antenna resulted in a stronger signal on the D-808 portable than on any of my expensive, supposedly superior receivers at home – and that's the point. For less than £100 (if you include the radio, a reel of cheap equipment wire and a few bits and pieces) you only need to get outdoors, at the right time, for a superb DXing result.

What Else do you Need?

Not much really. You will need some wire. I buy reels of standard 'equipment wire' in 100m lengths very cheaply (for less than £10). Naturally, any antenna you deploy out in the field can be reused. You might want to make up a fly-lead, with a crocodile clip at either end, for attaching different lengths

of wire directly to the telescopic antenna of a radio with no external antenna jack.

If you're using a portable with an external antenna jack, you will need a 3.5mm plug – available online for a couple of pounds. Access to the internet via a smartphone will also help, or, better still, a reliable piece of software for instant access to shortwave schedules.

I use the Black Cat Systems HF Schedule software on an iPhone 7, which is working well. It automatically updates so I'm never in the dark - on short wave programming at least. www.blackcatsystems.com/about.html

One last item I always suggest buying is the World Radio and TV Handbook. I say that because it's simply the most accurate source of shortwave transmission frequency information. It costs quite a lot of money (£35). However, when you do get serious about DXing, you will definitely need a copy.

Conclusions

If nothing else, the myth that you need more and more expensive equipment to mitigate the evergrowing electrical noise pollution – a consequence of technological advancement - has been dispelled. The best way to improve the signal-to-noise ratio of shortwave reception, and to enhance your listening experience, is simply to get outdoors on a DXpedition with a decent portable. This is reinforced by the fact that this approach is also the cheapest and simplest way to get into the hobby in the first place: Less than £10 gets you in and less than £100 gets you a setup capable of competing with the best receivers currently available, outside of professional grade equipment.

Table 1: An A-Z of stations received with the Tecsun PL-310ET

*no longer on air

ABC Northern Territories	Alice Springs, Australia	4835 kHz *
AIR Jeypore	India	5040 kHz
Bangladesh Betar	Bangladesh	4750 kHz
KBS World Radio	Kimjae, South Korea	9515 kHz
KCBS Pyongyang	North Korea	11680 kHz
Radio Amhara	Ethiopia	6090 kHz

Radio Fana	Addis Ababa, Ethiopia	6110 kHz
Radio Guinée	Conakry, Guinea	9650 kHz
Radio Nacional	Brasilia, Brazil	11780 kHz
Radio Oromiya	Addis Ababa-Gedja, Ethiopia	6030 kHz
Radio Publique Africaine	Talata-Volonondry, Madagascar	11550 kHz,
TWR Africa	Manzini, Swaziland	9500 kHz
Voice of Islamic Republic of Iran	Iran	6060 kHz
Voice of Korea	North Korea	11645 kHz
Zambia ZNBC Radio 1	Lusaka, Zambia	5915 kHz

Table 2: An A-Z of stations received with the XHDATA D-808

KCBS Pyongyang	North Korea	2850 kHz
KCBS Pyongyang	North Korea	9665 kHz
Rádio 9 de Julho	São Paulo, Brazil	9819 kHz
Radio Aparecida	Brazil	11855 kHz
Rádio Clube do Pará	Belém, Brazil	4885 kHz
Radio Cultural Amauta	Huanta, Peru	4955 kHz
Radio Difusora Roraima	Boa Vista, Brazil	4875 kHz
Rádio Evangelizar	Curitiba, Brazil	11935 kHz
Radio Guinée,	Conakry, Guinea	9650 kHz
Radio Hargeysa	Somaliland	7120 kHz
Radio Nacional da Amazônia	Brasilia, Brazil	11780 kHz
Rádio Nacional de Angola	Angola	4949.7 kHz
Radio Sora de Congonhas	Brazil	4775 kHz
Radio Tarma Internacional	Tarma, Peru	4774.9 kHz
Radio Voz Missionaria	Brazil	9665 kHz
Super Rádio Boa Vontade	Porto Alegre, Brazil	11895 kHz
Voice of the Broad Masses 2	Eritrea	7182 kHz



NASWA Flashsheet

Are you getting the latest hot information about what is happening on the shortwave bands? If you have not signed up for the club's electronic *Flashsheet* service, you are missing out on timely news and information about the DX scene that will enhance your shortwave listening pleasure. If you are a current member of the club and want to receive the electronic Flashsheet just drop **Rich D'Angelo** (rdangelo3@aol.com) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic *Flashsheet* edited by **Mark Taylor**, markokpik@gmail.com. The club's electronic *Flashsheet* helps members stay on top of the action with breaking shortwave news and information. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news.



Listener's Notebook

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

Times are UTC and frequencies in kHz.

AFGHANISTAN *Radio Afghanistan External Service* on Dec. 5:

from 1630 on 6100 YAK Arabic, good
(DX Mix-Bulgaria)

ALASKA Frequency changes of *World Christian Broadcast KNLS The New Life Station*:

0800-0900 NF 9610 Chinese tx#2, ex 7355
0800-0900 NF 9710 English tx#1, ex 7370
0900-1000 on 7370 Russian tx#1 unchanged
0900-1000 NF 9610 Chinese tx#2, ex 7355
1000-1100 NF 9605 Chinese tx#2, ex 7355
1000-1100 NF 9710 English tx#1, ex 7370
1100-1200 on 7320 Russian tx#1 unchanged
1100-1200 NF 11610 Chinese tx#2, ex 7355
1200-1300 on 7320 English tx#1 unchanged
1200-1300 on 7355 English tx#2 unchanged
1300-1400 NF 11785 Chinese tx#1, ex 7320
1300-1400 NF 11890 Chinese tx#2, ex 7560
1400-1500 on 7320 English tx#1 unchanged
1400-1500 NF 11890 Chinese tx#2, ex 7560
1500-1600 on 7320 Russian tx#1 unchanged
1500-1600 NF 11890 Chinese tx#2, ex 7560
1600-1700 on 7370 Russian tx#1 unchanged
1600-1700 NF 11965 Chinese tx#2, ex 7340
1700-1800 on 7370 Russian tx#1 unchanged
1700-1800 NF 11965 Chinese tx#2, ex 7340
(DX Mix-Bulgaria)

ARMENIA 4810, *Armenian Public Radio*, Gavar/Yerevan, 1833-1845*, 11-12, Arabic comments, mentioned "Yerevan", "Armenia". 25322. (Méndez-Spain/PlayDX)

ASCENSION ISLANDS *Radio Akhbar Mufriha* via BaBcoCk Ascension, Dec. 21:

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

AUSTRALIA Reception of *Reach Beyond Australia RBA* in 25mb on Dec. 23:

1100-1130 on 11905 KNX Japanese Sat/Sun, good
1230-1300 on 11945 KNX English Daily, very good
(DX Mix-Bulgaria)

Very good signal of *Reach Beyond Australia* in 19mb, Dec. 24:

1101-1116 on 15575 KNX Tibetan Mon/Wed
1116-1131 on 15575 KNX English Mon-Wed/Fri
(DX Mix-Bulgaria)

If elected next year, Australia's Labor party says it will provide the ABC with \$2 million in funding to help re-establish shortwave radio services across the Northern Territory. The ABC controversially switched off the shortwave service in January 2017, and defended the decision by saying it would "only affect a very, very small amount of people" and save taxpayers up to \$1.9 m. (NT Country Hour on abc.net 19 Nov via Mike Terry/British DX Club)

AUSTRIA Reception of Oesterreichischer Rundfunk-1 via Moosbrunn, Dec. 20:

0600-0720 on 6155 MOS German Mon-Fri, very good
0600-0710 on 6155 MOS German Sat/Sun
(DX Mix-Bulgaria)

Frequency change of Bible Voice Broadcasting via MBR Moosbrunn:

1930-2015 NF 6080 MOS English Sun, ex 7425 to avoid at same time 7425 RIY 100 kW / non-dir to N/ME Arabic Holy Quran Radio Riyadh (DX Mix-Bulgaria)

BANGLADESH Very good signal of Bangladesh Betar, Dec. 21:

1315-1345 on 9455 DKA Nepali
(DX Mix-Bulgaria)

BAHRAIN Fair to good signal of Radio Bahrain on Dec. 20:

from 0615 on 9745 ABH Arabic CUSB
(DX Mix-Bulgaria)

BOLIVIA 3310, Radio Mosoj Chaski, Cotapachi, 0015-0022, 12-12, Quechua, comments. 25322. (Méndez-Spain/PlayDX) 3310 R. Mosoj Chaski, good signal this morning from R. Mosoj Chaski, Cochabamba, from 0910 tune in and signal peaking toward 0930, probably dawn auroral tilting effect. Bassy-voiced OM ancr mumbling his anmts in Quechua at tune in, then into CP folklorica music, vocals backed by guitar and charango. At 0930 different ancr took the air, into some preaching. (Ralph Perry-IL)

5952.4, Radio Pio XII, Siglo XX, 0018-0025, 12-12, Spanish, comments. Very weak, best on LSB. 13211. (Méndez-Spain/PlayDX)

BRAZIL 4862.2, Radio Alvorada, Londrina, 2126-2133, 11-12, "A Voz do Brasil". 15311. (Mendez-Spain/PlayDX)

4885, Radio Clube do Pará, Belém, 0510-0555, 12-12, Brazilian songs, Portuguese, comments, program "Clube da Madrugada", "Bom dia para você aqui na Radio Clube da Madrugada".. 35433. (Mendez-Spain/PlayDX)

6080 Nov 23, 2039 Radio Marumby, Curitiba, religious songs and comments. At 2000 "A Voz do Brasil". // 9515. Interference from China on the same frequency. (Méndez-Spain/Shortwave Bulletin)

6180, Radio Nacional da Amazonia, Brasilia, 2006-2115, 11-12, program "Nossa Terra", Brazilian songs, comments, "Nossa Terra, no coração da Amazonia", "Previsión do tempo na Rede Nacional de Radio", Interference from Deutscher Wetterdienst, Pinner between 2006-2025 on the same frequency, at 2030 program "Reporter Amazonia", "Você esta ouvindo Reporter Amazonia". "Reporter Amazonia uma producao da radio publica da Amazonia", at 2100 "A Voz do Brasil", "19 horas en Brasilia, esta no ar A Voz do Brasil". 33443. (Mendez-Spain/PlayDX)

9550, Super Rede Boa Vontade de Radio, Porto Alegre RS, Port, 08 Dec on 1323. ID "Super Rede Boa Vontade de Radio...", children voices. YL: talk. 45554. (Rudolf Grimm-Brazil, hcdx Dec 9/TopNews)

11815, Radio Brasil Central, Goiania, 2019- , 11-12, Brazilian songs, Portuguese, comments, id. "Radio Brasil Central", at 2100 "A Voz do Brasil". 23322. (Méndez-Spain/Shortwave Bulletin)

15190.1, ZYE522 Radio Inconfidencia, Belo Horizonte MG, at 0908-0920 on Dec 19, after various weeks inactive on this frequency, now on air again. Portuguese, comments: "7 y 15, Inconfidencia", "Radio Inconfidencia". 24322. (Manuel Mendez-Spain/TopNews)

BULGARIA Reception of The Mighty KBC Radio via SPL Secretbrod, Dec. 22:

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

CANADA 6030 CFVP, Calgary at 2125 with comedian, 2129:30 "Calgary's All New Funny 10-60" ID, followed by another comedian. Poor, Dec 21. (Harold Sellers-BC/DXplorer)

6070, CFRX, Toronto at 2136 with string of ads, including Kudo Mobile and Walmart, 2140 "Newstalk 10-10" ID. Poor, Dec 21. (Harold Sellers-BC/DXplorer)

CHINA 6080, Hulun Buir PBS, F/D eQSL letter in 2 days. E-mail: yinglian@cri.com.cn. (Harumasa Yokoi-Japan/DX Fanzine)

CLANDESTINE New clandestine broadcast to Eritrea via TDF Issoudun from Dec. 1:

1500-1600 on 17545 ISS Amharic/Tigrinya Sat R. Alsmood (DX Mix-Bulria) It wasn't audible here, but I had a weak to fair signal on an SDR rx in South Africa from tune-in at 1535. Typical Horn of Africa music, followed by talks in Arabic, including several IDs in Arabic. Time pips at 1555 and what sounds like news headlines in Arabic, over music. Off at 1600. The IDs sounded like "Huna sawt al samood" or "idaat al samood". Google translates al-samood (or al-smood) as "Stability" so could its translated name perhaps be "Voice of Stability" or something like that? (Dave Kenny-UK, BrDXC-UK ng, hcdx Dec 15/TopNews)

Idaat Sawt Alsmood/Radio Voice of Stability via TDF Issoudun on Dec. 22:

1500-1600 on 17545 ISS Tigrinya/Arabic/Amharic Sat, poor/JBA
(DX Mix-Bulgaria)

Reception of Voice of Oromo Liberation via MBR Nauen on Dec. 23:

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

All transmissions of Dandal Kura Radio International via MBR Nauen and Issoudun are cancelled:

0500-0600 on 7315 NAU Kanuri
0600-0700 on 9620 NAU Kanuri
1800-1900 on 9770 ISS Kanuri
1900-2000 on 7455 ISS Kanuri
(DX Mix-Bulgaria)

Dandal Kura Radio International via MBR Nauen, Dec. 19:

0500-0600 on 7315 NAU Kanuri, very good
0600-0700 on 9620 NAU is inactive
(DX Mix-Bulgaria)

Dandal Kura Radio International via MBR Issoudun, Dec. 18:

1800-1900 on 9770 ISS Kanuri, good, QRM 9765
1900-2000 on 7455 ISS Kanuri, is inactive
(DX Mix-Bulgaria)

Frequency changes of JSR Shiokaze Sea Breeze from Nov. 29:

1300-1400 NF 6085 YAM, ex 7245 as follows 1300-1330 Chinese Mon; Japanese Tue/Sat; Korean Wed/Fri/Sun; English Thu 1330-1400 Korean Mon/Wed/Fri/Sat; Japanese Tue/Sun; English Thu

1600-1700 NF 6095 YAM, ex 6110 as follows 1600-1630 Chinese Mon; Japanese Tue/Sat; Korean Wed/Fri/Sun; English Thu 1630-1700 Korean Mon/Wed/Fri/Sat; Japanese Tue/Sun; English Thu

Respectively new frequency of Furusato no Kaze via Shiokaze Sea Breeze:

1405-1435 NF 7245 YAM Japanese Daily, ex 6085
(DX Mix-Bulgaria)

Radio Warra Wangeelaa-ti was back on air via SPL Secretbrod:

1500-1530 on 15515 SCB Oromo Sat, very poor on Dec.1
(DX Mix-Bulgaria)

Weak signal of Eye Radio via Santa Maria di Galeria on Dec. 25:

1500-1600 on 15410 SMG Juba Arabic/English*
Mon-Fri

1600-1800 on 15410 ISS Juba Arabic/English*
Mon-Fri

*including other languages Dinka/Nuer/Shilluk/Bari/Zande/Lutoho (DX Mix-Bulgaria)

Reception of Dimtse Radio Erena via SPL Secretbrod, Dec. 4:

1700-1800 on 9720 SCB Tigrinya/Arabic, weak/fair
(DX Mix-Bulgaria)

Radio Tamazuj via Meyerton & Santa Maria di Galeria, Dec. 4:

1500-1530 on 11705 MDC Juba Arabic, very good
1500-1530 on 15550 SMG Juba Arabic, weak/fair
(DX Mix-Bulgaria)

Radio Dabanga via Talata Volonondry and Issoudun on Dec. 4:

1530-1600 on 15350 MEY Juba Arabic, fair/good
1530-1600 on 15550 ISS Juba Arabic, fair/good
(DX Mix-Bulgaria)

Updated winter B-18 schedule of clandestine broadcasts, Nov. 30, 2018:

Al-Azm Radio 0000-2400 on 11745 JED or RIY
Arabic

Radio Republica 0200-0400 on 9490 F Spanish
Voice of Wilderness 1330-1530 on 7625 TAC
Korean

Radio Xoriyo Ogaden 1600-1630 on 11970 F
Somali Tue/Sa and 1600-1630 on 17770 F
Somali Mo/Fr

Radio Itahuka 1800-1900 on 15420 MDC Kinyarwanda Sa
(Worldwide DX Club)

North Korea Reform Radio via Tashkent on Dec. 24:

2030-2130 on 7495 TAC Korean, fair/good
(DX Mix-Bulgaria)

Radio Free North Korea via Tashkent, Dec. 23:

1200-1300 on 7610 TAC Korean, fair
(DX Mix-Bulgaria)

Fair signal of Nippon no Kaze on Dec. 21:

1300-1330 on 7295 TSH Korean
1300-1330 on 9705 TSH Korean
(DX Mix-Bulgaria)

9965 & 9975, Nippon no Kaze. Korean Program via WHRI Palau Transmitter. Rec'd a very attractive Folder Multi-colored w/cut-outs of abductees imposed on the Korean Peninsula, via Postal Reply. Also sent a program schedule. Reply in 120 days for an email report to: info@rachi.go.jp. (Edward Kusalik-Canada/DX Fanzine)

CONGO 6115, Radio Congo, Brazaville, *0515-0650, 12-12, French, news, "La Republique du Congo, Conakry", "Radio Congo", at 0535 Vernacular comments, African songs, French comments. 24322 but at 0630 14311. (Méndez-Spain/PlayDX)

CUBA 4765, Radio Progreso, La Habana, 0451-0500*, 12-12, Latin American songs, , at 0457 "Reportero RP", "Boletín informativo resumen", news in brief, "Radio Progreso, Cadena Nacional les ha ofrecido la programación habitual del día de hoy". Close. 35433. (Méndez-Spain/PlayDX)

DENMARK The two web sites www.short-wave.info and http://www.geocities.jp/binewsjp/ (also here: http://www1.s2.starcat.ne.jp/ndxc/) are excellent sources for information, but can anyone please help providing e-mail addresses to the people behind the two web sites. Both list WMR on 5840 as broadcasting from Karup, which is wrong. Karup was the transmitter site in 2004-05. As of January 7 2018 WMR is broadcasting from Randers instead. I have written several times to 'comments@short-wave.info' - but with no luck. Best 73's Stig Hartvig Nielsen, World Music Radio. (New Zealand DX Times)

Very weak signal of Radio OZ-Viola on Dec. 21:

from 2000 on 5825 unknown tx Dannish
(DX Mix-Bulgaria)

Reception of World Music Radio Denmark, Nov. 23:
from 2100 on 5840 001 kW Randers/Denmark to
Eu English
(DX Mix-Bulgaria)

ECUADOR 6050, HCJB, Pichincha, *0924-0935, 12-12, open with anthem, at 0929 flute music, Quechua, comments. Extremely weak, only audible on

LSB and only for about 15 minutes, due to daylight.
(Méndez-Spain/PlayDX)

ENGLAND Radio Akhbar Mufriha via BaBcoCk Woofferton, Dec 19:

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

EQUATORIAL GUINEA 5005, 06.11.18, *0522-0606, Radio Nacional de Guinea Ecuatorial, Bata, SS, Afro/Afropop songs. At 0531 news with correspondents. 25432. (Manuel Méndez-Spain/DX Fanzine) 5005, Radio Nacional, Bata, 1635-1701*, 11-12, Non stop African Spanish and Latin American songs, at 1659 Spanish comments: "Van a ser las seis en punto, vamos con nuestro informativo", close at 1701. Very weak but improving near closing time due to sunset and night path. 15321. Also *0553 (open today later than other days)-0628, 12-12, Spanish, "El panorama social y cultural de Guinea Ecuatorial", "Radio Bata, su compañía", "Cordiales saludos cuando son las siete en punto de la mañana, continuamos con los informativos", "El presidente de la República de Guinea Ecuatorial". 25322 to 15311 at the end. (Méndez-Spain/PlayDX)

ESWATINI Reception of Trans World Radio Africa in 31mb, Dec. 24:

1745-1815 on 9475 MAN Swahili, good signal
1802-1832 on 9500 MAN English, very good
(DX Mix-Bulgaria)

Reception of Trans World Radio Africa in Portuguese on Nov. 28:

1420-1435 on 9585 MAN Portuguese Mon-Fri, fair
(DX Mix-Bulgaria)

Reception of Trans World Radio Africa in 31mb, Dec. 21. Program in Lingala is extended and French is limited to Sat/Sun:

1905-1935 on 9940 MAN Lingala Daily
1935-1950 on 9940 MAN French Sat/Sun
1935-2005 on 9940 MAN Lingala Mon-Fri
(DX Mix-Bulgaria)

6130, Trans World Radio at 2004 with hymn, announcements in listed Kimbundu, 2005 brief IS, followed by closing announcement and off the air at 2006. Poor-fair, Dec 3. (Harold Sellers-BC/DXplorer)

FRANCE Michael Puetz of MBR FMO in Cologne Germany, has confirmed to me, that Radio Oeoem-rang annual broadcast will air on February 21, 2019, 1600-1700 on 15215, relay via TDF Issoudun, France. QSL request may be sent to: QSL-SHORTWAVE@mediabroadcast.com. At my initial query he noted, "normally they contact us in January regarding the annual transmission, but I feel quite certain it will be done," -followed a few days later, by his reply that the broadcast would air. (Gayle Van Horn W4GVH via wwdxc BC-DX TopNews Nov 22)

Sawtu Linjilia/Voice of Gospel via MBR Issoudun on Dec. 24:

1830-1900 on 9800 ISS Fulfulde Mon/Tue, good (DX Mix-Bulgaria)

Radio Nigeria Kaduna is now being relayed on SW via TDF (Issoudun, France) instead of via WRMI which had been used initially when the relays first started:

0500-0700 7335-iss
0700-0900 13840-iss
1100-1500 17690-iss
2000-2300 7235-iss All relays are in Hausa. (Bulgarian SW Blog 5-6 Nov/British DX Club)

RFI English has not been heard on SW direct from France since the start of the B18 season (Rumen Pan-kov-Bulgaria) WRMI has added two hours of RFI English at 0000-0100 and 1600-1700 both on 5950 - but only audible in North America. (ed/British DX Club)

GERMANY Good signal of DWD Deutscher Wetterdienst on Dec. 17:

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

Reception of HCJB Voice of The Andes via MBR Nauen on Dec. 22:

1529-1601 on 9500 NAU Russian Sat, very good
1601-1628 on 9500 NAU Chechen Sat, fair/good (DX Mix-Bulgaria)

Pan American Broadcasting PAB via MBR Nauen, Dec. 23:

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

Athmeeya Yatrahe Radio is again on air via MBR Nauen:

1230-1500 on 15285 NAU Various Asian langs
1330-1530 on 15235 NAU Various Asian langs
1530-1630 on 15150 NAU Various Asian langs
2330-0030 on 7380 NAU Various Asian langs
0030-0130 on 7410 NAU Various Asian langs (DX Mix-Bulgaria)

GUAM Reception of KTWR Trans World Radio Asia in 25/31/41mb on Dec. 22:

1059-1156 on 11965 TWR English Sun, very good
1102-1146 on 9910 TWR Chi/Eng Sun, very good
1216-1246 on 7500 Japanese Sun, very good (DX Mix-Bulgaria)

Reception of FEBC/FEBA via KTWR Trans World Radio Asia on Dec. 24:

1315-1345 on 11580 TWR Telugu/English Mon, good (DX Mix-Bulgaria)

INDIA DRM Transmission in Short Wave (SW) Effective from 27th November, 2018 to 31st March, 2019 (B18):

1945-2045 on 7550 Prog 1: Hindi, Prog 2: French
2045-2230 on 7550 Prog 1: GOS-IV, Prog 2: Raagam
2245-0045 on 7550 Prog 1: GOS-V, Prog 2: Raagam
1000-1100 on 15410 Prog 1: GOS-I, Prog 2: Raagam
1145-1330 on 15030 Prog 1: Chinese Prog 2: Tibetan
1745-1945 on 7550 Prog 1: GOS-III, Prog 2: Raagam

Reception reports on technical quality of the transmission on the above frequencies are welcome and may please be sent to: Deputy Director General (Spectrum Management & Synergy) by email at: spectrum-manager@air.org.in. (Jose Jacob-IND, VU2JOS <www.qsl.net/vu2jos> DXindia Dec 2)

INDIA (ANDAMAN AND NICOBAR ISLANDS)

4760, AIR Port Blair. Noted at 1210 with lovely female vocals and announcements in Hindi or possibly one of the local languages. Over the years, the station has been noted at various times in a variety of languages including Hindi, Nicobarese, Tamil, Sanskrit, Telegu, Bengali, Malayalam and English. The co-channel AIR-Leh is currently off air, making Port Blair much easier to hear and ID. Fair signal on 28 Nov. (Rob Wagner-Australia)

There have been reports recently of better signals from AIR Port Blair on 4760. I have contacted the Station Engineer who said that they recently increased power from 4 to 8 kW (the transmitter is 10 KW). Reception reports are appreciated to airportblair@rediffmail.com. The SW Schedule is as follows:

4760: 2355-0300 1030-1700 (Sat, Sun 1730);

7390: 0315-0900 Note: AWR program in English Wed to Sun 1100-1110 on 4760. By the way AIR Leh which also uses the same frequency of 4760 is currently off air. (Jose Jacob, VU2JOS National Institute of Amateur Radio via dx_india 1 Nov/ British DX Club)

INDONESIA 3325, Radio Republik Indonesia Palangkaraya, N/D QSL letter in 50 days with the follow up. Report in English sent to Palangkaraya by snail-mail. Now is VOI program, so the report of VOI was written to Jakarta. (Harumasa Yokoi-Jpan/DX Fanzine)

INTRUDERS The International Amateur Radio Union Region 1 Monitoring System (IARUMS) reports that Radio Hargeisa in Somaliland has returned to 7120 after a break of several weeks, while Radio Eritrea has been reported on 7140 and 7180. Radio Sudan has been transmitting on 7205 with excessive splatter, IARUMS said. German telecommunications authorities have filed official complaints. (ARRL Newsletter via Ron Hunsicker-PA)

ITALY 10000, Associazione Italcable, Time Signal Station JN53DV. Rec'd a very attractive QSL Card via mail in 20 days, with details showing the HP 5071A Frequency Standard Calibration Unit. Power is 90 watts into 1/2 wave dipole. Report sent to: info@associazioneitalcable.it. V/S: Marro Volpe. (Edward Kusalik-Canada/DX Fanzine)

JAPAN Aiwa put new shortwave portables on Japanese market. Aiwa Co. Ltd., Japan put new shortwave portable receivers - "World Band Radio Monaural" AR-MD20 (price 9,690 yen) and "World Band Radio Stereo" AR-MDS25 (Price 14,900 yen) - on Japanese market in November. It seems AR-MD20 is the OEM of Tecsun PL-310ET, AR-MDS25 is that of Tecsun PL-398MP. Aiwa Co. Ltd was once a subsidiary of SONY, but was dissolved in 2002. Towada Audio Co. Ltd (in Akita prefecture), which was a subcontractor in production works of SONY world band receivers such as ICF-7600GR, acquired

the "Aiwa" trademark and set up the new subsidiary company of the same name in Japan in 2015. (Takahito Akabayashi, Tokyo-JAP, via wwdxc BC-DX TopNews Nov 23)

Reception of NHK World Japan Network Radio Japan, Dec. 24:

2130-2200 on 6075 YAM Indonesian, fair (DX Mix-Bulgaria)

3925 & 6055, Nikkei Radio Broadcasting Corporation / Radio Nikkei. Rec'd a two full data multi-colored QSL cards, one for 3925 and the other for 6055. This for an e-mail report posted to: webmaster@radionikkei.jp. Reply in 22 days. (Edward Kusalik-Canada/DX Fanzine)

KOREA (SOUTH) 9630, KBS World Radio at 2058, English, closing announcements, ID and mention of listeners survey on their website but which I did not find on their English website. Poor, Dec 3. (Harold Sellers-BC/Dxplorer)

KUWAIT Very good signal of MOI Radio Kuwait in English in 25/19mb on Dec. 17:

0500-0800 on 11969.8 KBD English AM, instead DRM mode

0500-0800 on 15529.7 KBD English AM as scheduled B-18 (DX Mix-Bulgaria)

Reception of MOI Radio Kuwait Holy Qur'an Service, Dec. 20:

1355-1600 on 11629.7 KBD Arabic, very good (DX Mix-Bulgaria)

LIBERIA 6050, ELWA, Monrovia, 0623-0655, 12-12, English, religious comments, "Voice of Salvation", "Back to the Bible". 25432. (Méndez-Spain/PlayDX) 6049.98, ELWA. decided to turn on the Perseus and am hearing ELWA playing "The Little Drummer Boy" again at 2138. Just like they were about 2 weeks ago. The low level het is there as usual. I guess it's due to HCJB. I was also getting a het on 4760 and thought maybe they returned there as well, but it's just an OC in Europe. Now at 2149 they're playing "Marys Boy Child". Following up with "Silent Night". Nice to hear one station playing Christmas music anyway. (Dave Valko-PA) Got it, Dave, 2155, with "We Wish You A Merry Christmas." (John Herkimer-NY)

MADAGASCAR NHK World Radio Japan via Talata on Dec. 6:

1430-1500 on 15720 MDC Hindi, fair (DX Mix-Bulgaria)

MEXICO 6185.006, the familiar voice from Mexico City D.F. for decades, XERMX XEPPM R Educacion program, little low modulation of piano mx program, still S=6 signal in NJ US state remote SDR unit. At 0521 on Dec 3. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang Bueschel-Germany, wwdxc BC-DX TopNews Dec 3) 6185, Radio Educación, Ciudad de México, 0555-0605*, 11-12, music, at 0602 anthem, id. "96.5 FM, transmitiendo en alta definición, radio digital terrestre, su primera emisora en HD de Radio Educación, Servicio Nacional de Comunicación Cultural, crea, colabora, comparte", more music and close at 0605. 25422. Also 0503-0608*, 12-12, Spanish, comments, songs, at 0602 anthem, id. "1060 AM, medio siglo de acompañar la transformación social, política y cultural de México, 100.00 watts de potencia, desde la Ciudad de México, Radio Educación, una emisora del Servicio Nacional de Comunicación Cultural, crea, colabora, comparte" , music, at 0607 Radio France International news in Spanish, close at 0608. 25432. (Méndez-Spain/PlayDX)

MOLDOVA (PRIDNESTROVIE) "... One of our HF transmitters, though orders for power (to be frank, and for work time) are now reduced to 300 kW. We work at 11530, 9950, 7505 kHz, and some other frequencies in the specified range on different azimuth directions..." Around 1976-1978 (antennas) was commissioned. A lot of trouble was with the remote control of the exact installation for a given azimuth (distance of about 2 km). I will add that the same, only for the permissible power of two times less - 500 kW - was built by our own experts in Bulgaria, the Podarsko Regional Center. It worked PKV500 transmitter. Slightly different from our some elements of design. In 2012, the antenna in Daradsko was dismantled, alas. This is probably the last one on the territory of the former USSR. Even under Noginsky did not see anything like it. In the USSR, there was one - at 1000 kW, and in Bulgaria, almost an analogue - but at 500 kW. So the antenna is industrial, for an industrial transmitter ... it is not so great, its height is about 80m. - Our favorite - ... suffered the icing of 2000 year, practically without damage. Respect to designers! (Via Sergey Smolin-UKR, "deneb-radio-dx" RUSdx #1004 via wwdxc BC-DX TopNews Nov 25/New Zealand DX Times)

MONGOLIA Fair to weak signal of Voice of Mongolia, Dec. 5:

0900-0930 on 12084.9 U-B English
0930-1000 on 12084.9 U-B Mongolian (DX Mix-Bulgaria)

MYANMAR Fair signal of Myanmar Radio in English, Dec. 25:

1530-1700 on 5985 YAN English (DX Mix-Bulgaria)

NEW ZEALAND Fair signal of Radio New Zealand Pacific, Dec. 6:

0659-1058 on 9765 RAN English
1059-1258 on 9700 RAN English (DX Mix-Bulgaria)

NIGERIA Weak to fair signal of Voice of Nigeria, Dec. 19:

0730-0800 on 7254.8 AJA Fulfulde (DX Mix-Bulgaria)

7255 Voice of Nigeria. By the way, quite surprised two nights ago when briefly checking and heard big signal from Voice of Nigeria - Ikorodu, in English at 0800 tune-in (Dec 14), YL with news and commentary, holding up to around 0830 for me. Seems a bit late for 41 meters propagation to central USA from Africa to hold up, but there it was. At this witching hour, also worth checking 9650 Guinea, as they sometimes also have a late-propagating signal. (Ralph Perry-IL)

9689.9, Voice of Nigeria, Ikoduru, 1840-1852, 11-12, English, comments, ID. "Voice of Nigeria". 34444. (Méndez-Spain/PlayDX)

OMAN Reception of Radio Sultanate of Oman only in English on Dec. 19/21:

1400-1500 on 15140 THU English, good & distorted (DX Mix-Bulgaria)

I have not heard Radio Sultanate of Oman on 15140 since the start of B18, having checked for English several times during November around 1400/1500. (Dave Kenny-UK/British DX Club)

PALAU Very good signal of WHRI T8WH Angel 5 on Dec. 19:

1200-1300 on 9965 HBN English
(DX Mix-Bulgaria)

Additional transmission of WHRI T8WH Angel 3, Dec. 2:

1200-1300 on 9930 HBN English Sun
(DX Mix-Bulgaria)

PERU 5025, R. Quillabamba, RQ noted with good signal this morning (Nov 25), Sunday, from 1020 tune in, with the Cuban R. Rebelde missing! Very nice show, choral religious ms, ranchera selections. ad string for Quillabamba tiendas at 1028 and then plug for informes pgm at 1029. From 1030 into live OM vy bassy voice with live religious sermon over little snippets of music. Able to // with live webstream at 1033, too! Signal nothing like the powerhouse when the Cuban is xmtng, but a decent QSA for Peru. Still going tgod at 1036 when into more mx. RQ still there at 1105 check but noise level coming up. But still no Cuban this morning to wreck fqy, thanks goodness. Rebelde blasting at 1215 recheck, blocking fqy. It was nice while it lasted, but perhaps worth checking on Sunday mornings for a late Rebelde s/on, leaving fqy open for the Peruvian? (Ralph Perry-IL)

6173.94, Radio Tawantinsuyo (tentative), Cuzco, Spanish, 15/11 2115. Instrumental music (flutes). OM: talk. 15431 (Rudolf Grimm-Brazil/DX Fanzine)

PHILIPPINES Very good signal of FEBC Radio on Dec. 24:

1300-1330 on 11825 BOC Tibetan
(DX Mix-Bulgaria)

Reception of Vatican Radio via IBB Tinang on Dec. 22:

1230-1315 on 6115 PHT Chinese Mass Sat, fair/good
1230-1315 on 7485 PHT Chinese Mass Sat, very good
1230-1315 on 9560 PHT Chinese Mass Sat, very good
(DX Mix-Bulgaria)

7465, VOA at 2027 in Korean, opening a program over music, then woman mentioning Taiwan. Very good, Dec 3. (Harold Sellers-BC/Dxplorer)

9825, received electronic QSL from IBB Philippines Transmitting Station Tinang, for receiving Voice of

America in Chinese, 30 Nov 2018, 1000-1100. The report was sent by e-mail: manager_philippines@bbg.gov. Confirmation on the "Voice of America" card with a photo of antennas on the Marianas island of Saipan. (Dmitry Kutuzov, Ryazan-RUS "deneb-radio-dx" via RUSdx #1008 via wwdxc BC-DX TopNews Dec 23)

ROMANIA Frequency change for IRRS from 30 November 1900-2000 Fr/Sa/Su will use 6075 (ex 7290) via Romania. (British DX Club)

Reception of IRRS EGR/UNR via RADIOCOM Săftica, Dec. 23:

1030-1300 on 9510 SAF English Sun, weak/fair
(DX Mix-Bulgaria)

RUSSIA Good signal of GTRK Adygeya / Adygeyan Radio, Dec. 7:

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

SAUDI ARABIA Unregistered frequencies of BSKSA in HFCC B-18 Database:

0000-2400 on 11745 JED or RIY Arabic BSKSA Al-Azm Radio

0900-0700 on 11860 JED or RIY Arabic Republic of Yemen Radio

0900-1200 on 15120 RIY Bengali Radio Saudi International

0900-1800 on 9650 RIY Arabic Holy Quran BSKSA Radio Riyadh

1200-1500 on 7240 RIY Farsi Radio Saudi International, BUT

1500-1800 on 7240 RIY Farsi Radio Saudi Int is registered!
(DX Mix-Bulgaria)

SINGAPORE Additional frequency of BBC WS via Kranji:

2200-2400 on 3960 SNG English
(DX Mix-Bulgaria)

Frequency change of BBC via BabcoCk Kranji from Dec. 5:

1200-1300 NF 11850 SNG English, ex 15510
(DX Mix-Bulgaria)

SOUTH AFRICA Winter B-18 frequency changes of Radio Sonder Grense:

0500-0755 on 7285 MEY Afrikaans-no change
0800-1555 on 9650 MEY Afrikaans, ex 7330
1600-1755 on 9650 MEY Afrikaans, ex 7285
1800-0455 on 3320 MEY Afrikaans-no change
(DX Mix-Bulgaria)

SPAIN Radio Exterior has doubled its SW output for the B18 seasons and at the same time resumed foreign language broadcasts on SW after 4 years. In the first broadcast on 28 October several songs about radio were played "to celebrate our return to the radio". The announcer said that English as well as Arabic, French, Portuguese, Russian and Safaridic have returned to the airwaves "thanks to the efforts of Radio Exterior's new management under our new director, old colleague Antonio Buitrago". The foreign languages confirmed so far:

1800-1830 Mon-Fri Russian 9690 11685 11940
12030 not daily?
2230-2300 Sun Safardi 9690 11685 11940 12030
2300-2330 Mon/Wed/Fri English 9690 11685
11940 12030
2330-0000 Mon-Fri French 9690 11685 11940 12030
0000-0030 Mon-Fri Portuguese 9690 11940
(British DX Club)

SRI LANKA Sri Lanka Broadcasting Corporation in 31mb on Dec. 23:

1115-1200 on 9720 TRM Hindi Daily, good
(DX Mix-Bulgaria)

SUDAN Voice of Africa from Sudan Radio has been heard intermittently on 9505 during November between approx 1600-1900. The languages seem to vary from day to day but may include Hausa, Swahili, French and English, with English some days around 1700. The signal strength is fair but modulation usually low. (Dave Kenny-UK/British DX Club)

Voice of Africa Sudan Radio with fair/good signal, Dec. 4:

1630-1930 on 9505 ALF French/English/Hausa
(DX Mix-Bulgaria)

9505, Voice of Africa, Al Aitahab, *1630-1748, 11-12, East African songs, French, ID, "La Voix de l'Afrique", comments, at 1700 news in French, at 1715 English, ID. "Broadcasting to you from Sudan on 9505 kHz, Voice of Africa", news and comments. 24322. (Méndez-Spain/PlayDX)

SWEDEN 6035, Radio Nord Revival. F/D E-QSL letter and 4 nice pictures of shortwave, FM transmitters as well as transmitter site in 20 days. Here is the text: "Radio Nord Revival QSL, Dear Manuel Méndez. Many thanks for your reception report. We are happy to confirm that you heard our special event broadcast on October 26, 2018 at 1657 - 1755 SNT. You heard our SW transmitter operating on 6035 kHz in the 49 metre band with a power of 500 watts. Great to be able to hear us in Spain, nice catch! All the best from the staff of Radio Nord Revival. We hope to be back again soon. QSL manager". (Manuel Mendéz-Spain/DX Fanzine)

TAIWAN Suab Xaa Moo Zoo, Voice of Hope via Tamshui, Dec. 24:

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

TAJIKISTAN Reception of Voice of Tajik on Dec. 1:

0600-0800 on 7245 DB Dari
0800-1000 on 7245 DB Russian
(DX Mix-Bulgaria)

THAILAND Very good signal of HSK9 Radio Thailand World Service, Nov. 27:

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

HSK9 Radio Thailand World Service in 41mb, Dec. 21:

2000-2015 on 7475 UDO German
2030-2045 on 7475 UDO English
(DX Mix-Bulgaria)

HSK9 Radio Thailand World Service in 31mb on Dec. 2:

1230-1300 on 9940 UDO English, good
1400-1430 on 9940 UDO English, fair
(DX Mix-Bulgaria)

Reception of VOA Learning English via Udorn Thani on Dec. 6:

1130-1200 on 12125 UDO Learning English, fair/good

1130-1200 on 15715 UDO Learning English, very good

(DX Mix-Bulgaria)

TURKEY Voice of Turkey in English for B18 from 28.10.2018 to 31.03.2019:

1330-1430 on 12035

1730-1830 on 11730

1930-2030 on 6050

2130-2230 on 9610

2300-2400 on 5960

0400-0500 on 6125, 7240

(Station Direct)

Voice of Turkey in English on odd frequency 12035.7, Dec. 5:

1330-1425 on 12035.7 EMR English, fair signal

(DX Mix-Bulgaria)

UNITED ARAB EMIRATES Reception of FEBA Radio via BaBcoCk Al-Dhabayya, Dec. 24:

1200-1230 on 15215.2 DHA Tibetan, fair/good

(DX Mix-Bulgaria)

UNITED KINGDOM Alternative frequencies of BBC, registered in HFCC Database:

0000-0100 alt 5835 ERV En World Service on 5970

1700-1900 alt 5875 ERV Dari and Pashto on 5910

2200-2400 alt 3960 SNG En World Service on 3915

2200-2400 alt 5845 SNG En World Service on 5890

1500-1600 on 9445 SCB Urdu till Dec.14&deleted

(DX Mix-Bulgaria)

Additional transmissions and frequency changes of BBC:

0030-0100 on 7465 SNG Burmese from Dec. 31

0030-0100 on 9740 SNG Burmese from Dec. 31

1500-1600 on 9445 DHA Urdu, ex SCB

1630-1700 on 7485 SNG Burmese from Dec. 30

1630-1700 on 9780 SNG Burmese from Dec. 30

1700-1900 NF 5875 ERV Dari/Pashto, ex 5910

2200-2400 NF 5845 SNG English WS, ex 5890

(DX Mix-Bulgaria)

USA Voice of America's Africa division launched newscasts in Lingala on November 12, 2018, bringing to 46 the total number of languages in which the agency broadcasts around the world. Lingala is spoken in the Democratic Republic of Congo, as well as parts of Central Africa Republic and Angola. For 64 million people who speak Lingala, VOA will be the first international broadcaster to reach them in their own language. Lingala is understood by 80 percent of the DRC population, twice the number of people who understand French. The new broadcasts will be added to the French to Africa language service offerings and will include 15 minutes of radio content (Monday through Friday) focusing on news from Africa division reporting and from Lingala reporters on the ground, as well as on public healthrelated issues like Ebola and HIV/AIDS. The launch of the Lingala broadcasts is designed to boost efforts to promote democracy, transparency, and the rule of law ahead of December presidential elections in the Democratic Republic of Congo. (Via Press Release/New Zealand DX Times)

WMLK, the Assemblies of Yahweh international shortwave radio station, is currently being updated and improved. The original transmitter broadcast operated for 15 years. A new antenna has been constructed using the existing towers. Then in 2000, a used 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, and, in this way, most of the inhabited areas of the world will be covered with this end-time message through the powerful signal of WMLK. (Sacred Name Broadcaster)

Frequency change of WJHR Radio in USB mode, Dec. 7:

1400-2200 NF 15550 JHR English, ex. 15555

(DX Mix-Bulgaria)

WRMI-09 Okeechobee begins airing a new program effective from November 30:

1455-1500 on 15770 YFR English Interval Signal of WRMI

1500-1800 on 15770 YFR Daily Supreme Master TV (DX Mix-Bulgaria)

New updated schedule of Supreme Master TV via WRMI Okeechobee

0000-0100 on 5950 YFR various Daily tx#05
0500-0600 on 5950 YFR various Daily tx#05
1500-1800 on 15770 YFR various Daily tx#09
2300-2400 on 9395 YFR various Daily tx#06
(DX Mix-Bulgaria)

New frequency of WRMI in 60mb, probably via WRMI, Okeechobee tx#03:

2100-0900 on 4980 YFR English Supreme Master TV (DX Mix-Bulgaria)

Additional hours of SMTV may appear on other WRMI frequencies at other times. SMTV originates in Vietnam and broadcasts in English and a variety of other languages. The programs promote issues such as world peace, veganism, animal rights and global warming. Sample program titles include: Cinema Scene, Healthy Living, Science and Spirituality, Nature's Beauty, and Secrets of the Universe. You can also hear various types of music, including music from Vietnam. Your comments and reception reports on this new program are welcome at info@wrmi.net. (WRMI Radio Miami International on F_B, 30 Nov; via BrDXC-UK ng)

WRMI begins airing a new program, Supreme Master TV (suprememastertv.com), on November 30 at 1500-1800 UTC on 15770 kHz seven days per week. Additional hours of SMTV may appear on other WRMI frequencies at other times. SMTV originates in Vietnam and broadcasts in English and a variety of other languages. The programs promote issues such as world peace, veganism, animal rights and global warming. Sample program titles include: Cinema Scene, Healthy Living, Science and Spirituality, Nature's Beauty, and Secrets of the Universe. You can also hear various types of music, including music from Vietnam. Your comments and reception reports on this new program are welcome at info@wrmi.net. Jeff White, General Manager WRMI Radio Miami International 10400 NW 240th Street Okeechobee, Florida 34972 USA (Nov. 30, 2018 via Worldwide DX Club)

What will you do if WWVB goes silent? In an article on the popular website Hackaday, Tom Nardi writes:


Buried on page 25 of the 2019 budget proposal for the National Institute of Standards and Technology (NIST), under the heading "Fundamental Measurement, Quantum Science, and Measurement Dissemination", there's a short entry that has caused plenty of debate and even a fair deal of anger among those in the amateur radio scene: NIST will discontinue the dissemination of the U.S. time and frequency via the NIST radio stations in Hawaii and Ft. Collins, CO. These radio stations transmit signals that are used to synchronize consumer electronic products like wall clocks, clock radios, and wrist-watches, and may be used in other applications like appliances, cameras, and irrigation controllers. The NIST stations in Hawaii and Colorado are the home of WWV, WWVH, and WWVB. The oldest of these stations, WWV, has been broadcasting in some form or another since 1920; making it the longest continually operating radio station in the United States. Yet in order to save approximately \$6.3 million, these time and frequency standard stations are potentially on the chopping block. What does that mean for those who don't live and breathe radio? The loss of WWV and WWVH is probably a non-event for anyone outside of the amateur radio world. In fact, most people probably don't know they even exist. Today they're primarily used as frequency standards for calibration purposes, but in recent years have been largely supplanted by low-cost oscillators. (Southgate, Aug 24, 2018, Via Mike Terry-UK, BrDXC ng Aug 24/TopNews)

VANUATU 7260, 0930, R Vanuatu (tentative) back on with reduced power? Weak signals in possible French or local language 25/11. (Rob Shepherd-Australia/New Zealand DX Times)

ZAMBIA Fair signal of Voice of Hope Tx #2 Africa on Dec 22:

1200-1700 on 13680 LUV English Sat/Sun tx#2 (DX Mix-Bulgaria)

5915, Zambia NBC Radio 1, 2129-2145, 11-12, Vernacular comments, African songs. 24322. (Méndez-Spain/PlayDX)

Schedules, news and other information about short-wave 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. January is at the end of the biggest holiday season of the year for pirate broadcasting purposes. Last month's Christmas on December 25 followed by New Years Day on January 1, with New Year's Eve on December 31 are probably the biggest pirate radio holiday broadcasting periods of the year. Another major upside this month is that darkness propagation is the best time of the year for darkness propagation paths as we are deep within in the Winter season in North America. Seasonal static levels on the shortwave bands reach their lowest levels of the entire year.

Once again this month we have no 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). As of the end of July, this bill's prognosis in the Congress remains uncertain. The Pirate Act 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 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

Congress could act on this issue during a lame duck session prior to the reorganization of the Congress in January 2019. Whether the Pirate Act would be a lame duck session priority remains to be seen.

The government shutdown appears to be heading for a protracted period of time as of the deadline for this column. Since the FCC is an agency of the Federal Government, the odds of FCC busts will decline depending upon how many FCC enforcement employees will agree to work without being paid. That probably will be a small number, of course. As this month's column arrives in your mailbox, you can check your local newspaper to see if the shutdown finally comes to an end.

Pirate busts by the FCC during the past month were mostly concentrated in the New York City metro area and in Florida as usual. As usual, given the hectic period surrounding the major Christmas and New Years holidays, we again omit the individual bust notices issued by the FCC. Tom Taylor Now via Rich D'Angelo once again points out that the FM busts continued to be of both pirate operators and their landlords. Once again this month the FCC 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.

Amphetamine R. 6925 2136-2204* 12/5/18 poor. Prgm of classic rock mx w/USA NA at close. (Montney, MI)

R. Boo Boo 6925 2150-2221 11/25/18 poor to fair. Prgm of rock mx and SSTV image of polar bears. (Taylor, WI)

R. Boo Boo 6925t 2240-2242 11/25/18 poor. Prgm of rock mx and SSTV image of polar bears, but no actual ID hrd. ID tentative, but possible given similar earlier log on this freq. (Taylor, WI)

Man Cave R. 6935.1 AM 0309-0318* 12/9/18 fair. Prgm of rock oldies mx w/Loving Spoonful and CCR. (Montney, MI)

Technical Man 6284.8 1844-1903 11/17/18 good to fair w/fade outs. Prgm mainly of polka mx mixed occasionally w/disco & pop mx Tnx, Gianni, for the direct report from Europe. (Gianni Serra-Rome, IT)

QWK 6930 2206-2212 12/1/18 fair. Prgm of mellow instr mx w/gravelly voiced OM ancr. (Taylor, WI)

Welcome to the World of Shortwave Relay 6950t 2214-2246* 12/2/18 fair. A mix of

mx and a relay of an old primer providing an introduction to listening to shortwave. (Montney, MI)

Welcome to the World of Shortwave Relay 6950t 2224 12/2/18 fair. Relay of an old primer providing an introduction to listening to shortwave, mixed w/some rock mx. No ID hrd. (Taylor, WI)

Wolverine R. 6955 0131-0143 12/9/18 S9+10 w/fading. Mx w/ "happy" theme and several SSTV images. (Hauser, OK)

Wolverine R. 6955 0051 12/9/18 poor to fair. Rock oldies mx w/ "happy" theme and several SSTV images. (Taylor, WI)

X-FM 4085 0223 12/15/18 fair to good. DJ Redhat w/ professionally produced prgm of rock mx, accurate Tcs, and shoutouts to listeners. (Taylor, WI)

Yeti R. 6935 2133 12/5/18 poor but improves to fair. Some OM IDs but mostly SSTV images. (Montney, MI)



NASWA Yahoo Group

Join moderator **Dan Ferguson**, the club's Yahoo Group, and other club members to discuss reception of shortwave radio broadcasts, program content, propagation, reception conditions, loggings, hot news and information as well as radio equipment and accessories and any topics related to shortwave radio in general. Please keep in mind that loggings, QSL news, schedule changes should also be reported to the appropriate column editor of the Journal for publication. This forum is a supplement to, not a replacement of, The Journal. Subscribe by going to <http://groups.yahoo.com/group/NASWA/>. Any club members wishing to participate in the NASWA Yahoo 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.



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. 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. If you are into social media, give it a try.



Contributors' Page

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Eric BUENEMAN, DXpedition to Babler State Park, Wildwood, MO	PL-600, 20 foot long-wire
Ed CICHOREK, Somerset, NJ	IC-R-75, SW8, MFJ956, SWL4-50 wire
Rich D'ANGELO, French Creek DXpedition 56, 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
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
Ron HUNSICKER, NY	No equipment listed
John MILLER, Ochlocknee, GA	No equipment listed
Ralph PERRY, IL	No equipment listed
Pamela PRODAN, Wilton, ME	Eton Field BT
Alan ROE, Teddington, UK	Winradio G31DDCe, ELAD FDM-S2, SDRPlay RSP1, 17m long wire, ALA1530LN
Ronald SIVES, Easton, PA	No equipment listed



2000–30000 kHz

Loggings

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

- 3185 **UNITED STATES WWRB** Morrison, TN 0236-41 emphatic preacher shouting about grace and other preachers; poor-fair 11/12 (Prodan-ME)
- 3240 **SWAZILAND (Eswatini) Trans World Radio** – Mpangelo Ranch, 0309-0346* Nov 19, a long talk by a man announcer in the listed Nda language. Station ID and closedown announcement at 0345 followed by IS and carrier cut. Fair at tune in but deteriorating rapidly. (D'Angelo-PA/FCDX)
- 3320 **SOUTH AFRICA, Radio Sonder Grense** - Meyerton, 0312-0355 Nov 20, Afrikaans language program with popular music selections hosted by a woman announcer. Good signal. (D'Angelo-PA/FCDX)
- 3325 **INDONESIA Voice of Indonesia** at 1554 UTC November 29th with Chinese program featuring some Indonesian pop music. VoI ID's at 1600 UTC then Arabic program beginning with Quran. Very Good (Delmage, AB)
- 3345 **SOUTH AFRICA Channel Africa**- Meyerton, 0308-0347 Nov 20, English Service with various features including a conversation between a man and woman about local events in South Africa. Almost gone by tune out. Poor to fair. (D'Angelo-PA/FCDX)
- 3955 **ENGLAND KBS World** – Woofferton, 2146-2201* Nov 19, French language program with talks and some music interludes. Closedown announcements and instrumental music to close. Fair to good reception. (D'Angelo-PA/FCDX)
- 4747 **PERÚ Radio Huanta 2000** – Huanta, 0002-0023 Nov 19, nice program of OA vocals but poor to fair signal suffered from a lot of CODAR ARM. (D'Angelo-PA/FCDX)
- 4750 **CHINA, China National Radio 1** - Hailar (Nei Menggu), 1111-1152 Nov 20, man announcer with talk in presumed Mandarin language although much too weak to be sure. Later, a female began speaking. Group vocals at 1145. (D'Angelo-PA/FCDX)
- 4765 **CUBA Radio Progreso**, Bauta, 11/20, 0340. Spanish. Spanish ballad and talk by female presenter. Logbook extended 35333. (Roe-UK)

- 4775 **PERÚ Radio Tarma** - Tarma, 0207-0406 Nov 20, man announcer with Spanish language talk and station IDs with plenty of OA music. Series of announcements at 0226. Kept waiting for them to closedown periodically circling back to them but they kept on playing OA music which was fine by me. Poor to fair with some CODAR QRM. (D'Angelo-PA/FCDX)
- 4840 **UNITED STATES WWCR** Nashville 11/17, 0430-0459, AWR Wavescan, with all things shortwave and reception reporting; this particular show had a guest from Radio Slovakia, none other than the head of the English section who is Gavin Shoebridge, who is originally from New Zealand. He has lived in Slovakia since 2011, and he talked about the basic operations of his station. Finishes up with an unusual tune from Cameroon. Fair to poor (Sives-PA)
- 4840 **UNITED STATES WWCR** Nashville 11/18, 0620-0650, country music radio program featuring Johnny Cash, Don Gibson, Jim Reeves, Chet Atkins, Bobby Helms, and many others. A lot of good tunes. Fair to very good. (Sives-PA)
- 4840 **UNITED STATES WWCR** NASHVILLE, TN 1112-1155 "World Wide Country Music" including two versions of "Your Cheating Heart" by Jerry Lee Lewis and Hank Williams; fair+ 8/4 (Prodan-ME)
- 4875 **BRAZIL Radio Difusora Roraima** Portuguese 0235- song, m; poor-fair 11/12 (Prodan-ME)
- 4885 **BRAZIL Radio Clube de Para** 0232-35 Portuguese m Ann over music; numerous mentions of Para; fair+ 11/12 (Prodan-ME)
- 4900 **CHINA Voice of the Strait** - Fuzhou, 1135-1153 Nov 19, man announcer talking in the Chinese language. Seemed //4940 which was much poorer. This was poor overall. Next day (Nov 20) signal was much improved (34443) with slight CODAR QRM but definitely //4940 which was also improved (35443) with Chinese language talks by man and woman announcers. (D'Angelo-PA/FCDX)
- 4949 **ANGOLA Rádio Nacional de Angola** - Mulenvos, 0210-0316 Nov 19, a nice program of local vocals and instrumentals hosted by a woman announcer with Portuguese language announcements. The woman announcer spoke briefly at 0256 followed by instrumental music. Time pips and the station ID by the woman was followed by the woman and a man announcer with the news. Poor signal. (D'Angelo-PA/FCDX)
- 5025 **CUBA Radio Rebelde**, Bauta (P) 11/18, 0605-0610, in SS; ethnic mx. Fair to poor. (Sives-PA)
- 5845 **SINGAPORE. BBC Relay** in KK. // 7355. SIO 444, November 9, 2018, 1609 – 1620. YL and OM announcers with news and commentary. 7355 very strong, SIO 555 signal with no QSB/QRN. Language lesson EE/KK. (Henley, WA)
- 5875 **THAILAND Radio Thailand** - Udorn, 1109-1122 Nov 20, vocal by a female singer followed by a man with closedown in the Vietnamese language. After brief interlude of bells a man mentions: "That completes our program in Vietnamese." There was another round of bells prior to an English language announcement: "This is HSK9, Radio Thailand World Service broadcasting from the Public Relations Department in Bangkok." A man announcer began the Malay language program. Fair signal. (D'Angelo-PA/FCDX)
- 5900 **BULGARIA, Overcomer Ministry** (Brother Stair) - Kostinbrod (Sofia), 2317-2335 Nov 18, Brother Stair inviting phone calls from listeners, talking about shortwave alternating with a man announcer discussing atomic blasts and destruction being planned, etc. Poor to fair but steadily improving. (D'Angelo-PA/FCDX)
- 5915 **ZAMBIA Zambia National Broadcasting Corporation** (Radio One) – Lusaka, *0246-0314 Nov 20, familiar fish-eagle IS until commencement of choral national anthem, A man announcer opened program in a local language. Tribal singing until news at 0258. After news returned to music programming. Poor. (D'Angelo-PA/FCDX)
- 5930 **AUSTRIA BBC**, Moosbrunn 11-26-18, 0118. Woman in listed Pashto with talk in discussion with two men. .ments of BBC throughout discussion. Fair (Cicorek-NJ)
- 5952 **BOLIVIA Emisora Pio XII** – Siglo Veinte, 0204-0232* Nov 20, lively program of local vocal selections. A man announcer with occasional Spanish talk. Series of announcements just prior to closedown routine by man announcer accompanied by familiar Colonel Bogey March. Fair signal. (D'Angelo-PA/FCDX)
- 5960 **GERMANY Mighty KBC Radio**, 0147, 11-18-18. In English, Oldies, "Blue Moon", talk and ID at 0154. SIO444 (Cichorek-NJ)
- 5960 **CLANDESTINE Ndrason International** – Ascension Islands, *0500-0532 Nov 19, woman announcer with Kanuri language opening station ID and announcements. Mix of music and talks with plenty of station IDs. Very good signal. (D'Angelo-PA/FCDX)
- 5960 **HOLLAND KBC** 0100. Giant Jukebox and mx from Adam Family. SIO 555 (Miller-GA)
- 5960 **NIGERIA [non]. Radio. Ndarason**, December 10 at 0642, R. Ndarason ID in presumed Kanuri, with the usual hum via ASCENSION; 0644 playing a song in English, S9+10 (Glenn Hauser, OK, DX LISTENING DIGEST)
- 5960 **GERMANY Mighty KBC Radio** 0006-15 Frankie Vallee & the Four Seasons; good 11/18 (Prodan-ME)

- 5980 **FRANCE KBS World** - Issoudun, 2023-2100* Nov 18, French language program with a man and woman announcing team hosting a program of popular music many of which were sung in English. At 2058 program closed followed by station ID and closedown announcements. Fair. (D'Angelo-PA/FCDX)
- 5980 **ROMANIA Radio Romania Int'l** Spanish 0005-06 f announcer; fair 11/18 (Prodan-ME)
- 5990 **CUBA China Radio Int'l** Spanish 0003-05 2 m speaking; good 11/18 (Prodan-ME)
- 5990 **ROMANIA Radio Romania Int'l**, Galbeni, 12/02, 1900. Romanian. Romanian folk music on R Romania Int's program "Zi-le D-Alead-Ale Noastre" - good signal on 5990 kHz. (Also on 7375 kHz colliding here with Algeria.) 55444. (Roe-UK)
- 6000 **CUBA Radio Habana Cuba** English 0242-58 music, some classical, piano & vocal; "break-up songs by Cubans of different generations," all with "corazon"; fair 11/12 (Prodan-ME)
- 6005 **GERMANY Radio Tirana**, Kall, 11/26, 1332. English. A special program today about "The History of R Tirana". 35333. (Roe-UK)
- 6005 **GERMANY Voice of Mongolia**, Kall, 11/26, 1320. English. Mailbox - listener's letters. 35433. (Roe-UK)
- 6020 **ALBANIA China Radio Int'l** English 0016-21 dramatized English lesson "wake up and smell the coffee"; fair-good 11/18 (Prodan-ME)
- 6030 **UNITED STATES Radio Marti** Greenville, NC Spanish 0039-48 NL playoffs, Dodgers vs Brewers, 4th inning; good 10/16 (Prodan-ME)
- 6040 **IRAN Voice of Islamic Republic of Iran** - Sirjan, 2012-2020 Nov 19, English program with discussion about woman's rights in Iran and then a talk about John Bolton. Fair. (D'Angelo-PA/FCDX)
- 6045 **UK KBS World Radio**, Woofferton, 12/09, 0720. Korean. K-Pop music program with male and female co-hosts. 45333. (Roe-UK)
- 6070 **CANADA CFRX** Toronto, ON - 11/24 2108 discussion, local ads and "In-Depth Radio, News/Talk 1010" ID in English. SIO 333. (Bueneman - MO)
- 6070 **CANADA CFRX** Toronto at 2215 UTC November 30 with time check for 5:15 followed by traffic and News/Talk 10-10 weather. Good (Delmage, AB)
- 6085 **GERMANY Radio Mi Amigo Int'l**, Kall, 12/02, 0920. English. Paul Graham with Soundtrack of 60s:- a great selection of music from the 1960s 45333. (Roe-UK)
- 6090 **BRAZIL Radio Bandeirantes**, Sao Paulo (tent) 0054, 11-30-18. Man and woman in discussion in Portuguese. Back and forth talk with what sounded like a phone caller joining in the conversation. Fair with noise. (Cichorek-NJ)
- 6090 **ETHIOPIA Amhara State Radio** - Addis Ababa, 2025-2101* Nov 19, man announcer hosting Horn of Africa vocals program. Closedown announcements and station ID at 2058 followed by choral national anthem. Fair. (D'Angelo-PA/FCDX)
- 6100 **CUBA Radio Havana Cuba** Bauta, 12/02, 0720. English. Interesting program called Havana Portraits - today about Cuba's former Presidential Palace - now the Museum of Cuban Revolution (I visited a couple of years ago, and found it well worth the time to visit). 35433. (Roe-UK)
- 6105 **FRANCE NHK World Radio Japan**, 0159, 11-18-18. 3+1 TP's at 0200, ID and presumed news in Japanese by man. Great signal, armchair copy. (Cichorek-NJ)
- 6110 **ETHIOPIA Radio Fana** - Addis Ababa, 0436-0451 Nov 19, another terrific program of Horn of Africa vocals hosted by a man announcer with Amharic language talks. Fair to good. (D'Angelo-PA/FCDX)
- 6115 **UNITED STATES WWCR** Nashville TN 0021 religious; good 11/18 (Prodan-ME)
- 6130 **CHINA PBS Xizang**, Lhasa, 11/18, 1615. English. Program "Music Shangri La" with some Tibetan folk music and reading letters from two listeners towards the end of the program. 35333. (Roe-UK)
- 6135 **BRAZIL Rádio Aparecida** - Aparecida, 0105-0133 Nov 20, soft vocal selection followed by a man and woman talking to another man at a remote location in the Portuguese language. Several station IDs at 0125 along with other announcements. Good signal. (D'Angelo-PA/FCDX)
- 6155 **AUSTRIA OE1**, Moosbrunn, 11/20, 0630. German. Instrumental music including a nice version of "My Favorite Things". 55555. (Roe-UK)
- 6180 **BRAZIL [non]. China Radio Int'l**, Dec 9 at 0133, RNA is off again, nor on 11780, following last night's broken signal. So CRI English via CUBA is in the clear (Hauser-OK)
- 6180 **BRAZIL Radio Nac Amazonia**, Brasilia, 12/01, 2120. Portuguese. Weak reception, but football coverage clearly heard and in parallel to their live web stream. 24332. (Roe-UK)
- 6195 **SAO TOME Voice of America** 2124-29 pop songs; "you are listening to VOA Monday Hits"; fair-11/13 (Prodan-ME)
- 7120 **SOMALIA Radio Hargeisa**, 0404-0436 Nov 19, Rich Cuff spotted this with a man announcer with news in the Somali language. Mix of Horn of Africa music and talks Poor to fair. Next night (Nov 20) noted just after opening at 0332 with a man announcer doing the news in Somali language with a decent signal. (D'Angelo-PA/FCDX)

- 7120 **SRI LANKA Sri Lanka Broadcasting Corporation** – Trincomalee, 1139-1200* Nov 19, flute music until time pips at 1145 when switched into Hindi service program with apparent news until prayer just before close. Poor to fair. Next afternoon, 1906-2000* Nov 18 with program of Somali language talks and some rustic music. Poor. (D'Angelo-PA/FCDX)
- 7140 **ERITREA Voice of the Broad Masses of Eritrea 1** – Asmara, 0337-0406 Nov 20, finally enough audio with a man announcer speaking in the listed Tigrinya language. Brief musical selection but programming was mainly conversations between several people. Weak but in the clear. (D'Angelo-PA/FCDX)
- 7180 **ERITREA Voice of the Broad Masses of Eritrea 2** (Dimtsi Hafash) – Asmara, 0330-0407 Nov 20, finally clear of amateur QRM noted with man announcer speaking in listed Amharic language. At 0335 some flute music before another man began speaking. Whistling and HoA vocals commenced at 0337. Poor amid amateur QRM. (D'Angelo-PA/FCDX)
- 7205 **CHINA China Radio Int'l**, Beijing, 12/02, 0000. Mongolian. News by female and male co-hosts followed by Mongolian rock/pop music until 0040 when there was (presumed) language lesson. 55444. (Roe-UK)
- 7235 **FRANCE Radio Nigeria** Kaduna - Issoudun, 2236-2300* Nov 18, Hausa language program with man announcer alternating with local music program. Closed with station ID and orchestra National Anthem. Fair with some amateur radio QRM. (D'Angelo-PA/FCDX)
- 7235 **UNITED ARAB EMIRATES, Trans World Radio** - Dhabayya, 0344-0345* Nov 19, light instrumental music just prior to carrier being terminated. Fair. (D'Angelo-PA/FCDX)
- 7270 **INDIA All India Radio** GOS in Tamil. SIO 343, November 11, 2018, 0030 – 0037. OM singing while accompanied by instruments. Some amateur LSB QRM. Heavy QRN, slight QSB. OM announcer, more MX with YL vocalists. (Henley, WA)
- 7310 **ROMANIA Radio Romania International** – 11/24 2145 discussion on Romanian and European literature in English. SIO 444. (Bueneman – MO)
- 7315 **UNITED STATES Voice of Vietnam** relay in SS, via WHRI, Cypress Creek SC. SIO 444, November 11, 2018, 0038 – 0045. OM and YL with SS talk. Moderate QRM. There were some MX audio clips, but mostly talk. (Henley, WA)
- 7315 **UNITED STATES Voice of Vietnam** via WHRI, 0020, 11-15-18. In English, interesting program on Vietnamese pottery with discussion of various raw materials used and different firing methods. Pop vocal followed by listener letters and casual ID and address. SIO444 (Cichorek-NJ)
- 7320 **ALASKA KNLS** religious broadcaster in RR. SIO 444, Pop MX with a religious theme. OM with ID at 1556 with contact information. Instrumental MX after ID, off air at 1559. (Henley, WA)
- 7335 **UNITED STATES Radio Marti** Greenville, NC Spanish 0027-0139+ Major League Baseball All-Star Game; “Mike Trout ... strike numero dos, a cutter ... dos y dos, dos outs .. Ball quattro”; Mookie strikes out, JD strikes out, lots more action; very good 7/18 (Prodan-ME)
- 7355 **SINGAPORE BBC** Relay in KK. SIO 555, November 6, 2018, 1600 - 1610. News with YL announcer. Audio clips in EE. Mass graves found in Iraq, mention of USA elections, other world news. Listed target is Far East. OM with ID at 1604, followed by more news. Audio clips of Trump rally, one short Obama audio clip. Excellent signal. (Henley, WA)
- 7385 **UNITED STATES WHRI** religious program in EE. SIO 555, November 11, 2018, 0046 – 0051. OM preacher with lessons from the Bible. A real Bible-thumping sermon. Focus on the “Blood of Jesus.” Referenced the Book of Romans, Chapters 9, 10, and 11. Excellent signal, target is WNA. (Henley, WA)
- 7410 **JAPAN NHK** 0500 UTC. Talk on arrangements for foreign workers. (Miller-GA)
- 7445 **OMAN BBC World Service** - Al Seela, 2351-0000* Nov 18, Heart and Soul program until 2359 when station ID and several promotional announcements were heard prior to close down. Fair signal. (D'Angelo-PA/FCDX)
- 7445 **CHINA [and non-] Voice of America**, Dec 11 at 2244, two stations mixing in Chinese; one with a clip in English to voice-over. That is certainly VOA THAILAND as scheduled this hour only, the other CNR1 jamming (Hauser-OK)
- 7780 **UNITED STATES RAE Argentina**, Okeechobee, 12/08, 2125. German. Argentinian music & sports news with female host. 25332. (Roe-UK)
- 9395 **UNITED STATES WRMI** from Okeechobee FL in EE. SIO 333, November 6, 2018, 0000 – 0006. MX and OM in talk. Pop MX. (Henley, WA)
- 9420 **GREECE Voice of Greece** 2253 UTC November 26 with music from the likes of Pavlina Voulgaraki in Greek. Excellent until China Radio International at 2259 UTC on 9415 kHz co-channel splatter. (Delmage, AB)
- 9445 **INDIA All India Radio**, 11-26-18, 2122. Female vocal, man in English with intro to next song. ID by male and more vocals. SIO333 (Cichorek-NJ)
- 9445 **INDIA All India Radio** 2108 UTC November 26 with commentary. At 2210 a new program about Yoga. Faithfully yours listener contact program at 2215 UTC. At 2224 UTC a musical interlude followed by tomorrow's program line up and sign off at 2229 UTC. Very Good (Delmage, AB)

- 9460 **GUAM AWR**, Agat, 11/19, 1110. Russian. 25332. (Roe-UK)
- 9470 **CHINA China Radio Int'l** Xian, 11-30-18, 0009. Man and woman talking in listed Mongolian. SIO322 with polar flutter. (Cichorek-NJ)
- 9485 **BOTSWANA Voice of America**, 2149, 11-14-18. Man and woman talking in listed Bhojpuri language followed by background music and several people in discussion. SIO333 (Cichorek-NJ)
- 9525 **CLANDESTINE Dengê Welat** – Issoudun, 2131-2200* Nov 18, non-stop Kurdish language talks by a man announcer until group singing at 2156 prior to carrier being terminated at top of the hour. Fair but steadily improving signal. Again at 0348 with man announcer with Kurdish language talks. Good signal. (D'Angelo-PA/FCDX)
- 9530 **ASCENSION ISLANDS Akhbar Mufriha**, 2202-2215* Nov 18, woman and man announcers alternating talk in listed Pukar language. A man gave station ID at 2206 before instrumental music. Closing program announcements at 2214 followed by instrumental music prior to carrier being terminated. Fair to good. (D'Angelo-PA/FCDX)
- 9540 **SRI LANKA Adventist World Radio** – Trincomalee, 2131-2200* Nov 19, Mandarin language religious program with very long talks by a man announcer with only one vocal selection noted. Fair. (D'Angelo-PA/FCDX)
- 9555 **SAUDI ARABIA Radio Saudi Int'l** Arabic 1953-2002 middle east music, m talk after 2000; fair-poor 11/13 (Prodan-ME)
- 9664 **BRAZIL Rádio Voz Missionaria** – Camboriú, 0126-0200 Nov 20, nice vocal selection by a male singer followed by a series of vocal selections. Man announcer with station ID at 0158 followed by several announcements. Good signal. (D'Angelo-PA/FCDX)
- 9675 **SAUDI ARABIA Radio Saudi Int'l** Turkish 1951-52 m Ann; fair 11/13 (Prodan-ME)
- 9675 **SAUDI ARABIA Saudi Broadcasting Authority** at 1915 UTC November 30th in Turkish. Excellent (Delmage, AB)
- 9690 **SPAIN REE** 11-29-18, 2358. Talk in Spanish, vocals 3+1 top's at 0000 with ID and woman with presumed news. SIO333 (Cichorek-NJ)
- 9690 **NIGERIA Voice of Nigeria** – Ikorodu, *1800-1832 Nov 19, opening of English service with news and program called 60 Minutes. A lot of discussion about upcoming democratic elections. Fair to good signal. Re-tuned at 1900 but Spain opened on the channel blocking Nigeria. (D'Angelo-PA/FCDX)
- 9690 **SPAIN Radio Exterior de España** – 11/24 soccer match play-by-play in Spanish. SIO 444. (Bueneman – MO)
- 9690 **SPAIN REE** Spanish 1948-50 f & m Ann news, Israel, Hamas & more; good 11/13 (Prodan-ME)
- 9740 **AUSTRALIA Reach beyond Australia**, Kununurra, 11/28, 1430. Punjabi/English. OM talk and a song in language listed as Punjabi. At 1445, Special English program "Spotlight" featuring the Story of Phineas Gage - a railroad construction worker who survived a terrible accident of a pole going through his head. 45333. (Roe-UK)
- 9765 **NEW ZEALAND Radio New Zealand Int'l**, Rangitaiki, 11/27, 1040. English. "Worlds of Music" with indigenous music. 25332. (Roe-UK)
- 9805 **KOREA (South), KBS World Radio** - Kimjae, 2204-2234 Nov 19, man announcer with news bulletin in the Indonesian language. Feature segments after the news at 2208 UTC after a station identification. An English language station ID at 2218 as "KBS World Radio". Fair. (D'Angelo-PA/FCDX)
- 9840 **UNITED STATES WHRI** Prayer Line 11/18, 1510-1525; two OM in religious harangue, believed to be Southern Baptist. Fair to very good. (Sives-PA)
- 9940 **THAILAND, Radio Thailand** - Udorn, *1228-1300* Nov 19, open carrier until bells opening English news with national news followed by Bangkok Airways commercial and then global news. Fair to good signal but deteriorating by closedown. (D'Angelo-PA/FCDX)
- 9955 **UNITED STATES WRMI** in EE. SIO 444, November 11, 2018, 0013 – 0018. Tail-end of fifteen minute program. New program at 0015. YL host for bible show. Contact information given with ID. OM and YL preachers posing questions from the Bible. (Henley, WA)
- 9965 **PALAU T8WH** – Medorn (World Harvest Radio), 1243-1306 Nov 20, thanks to a tip from Rich Cuff caught some religious vocals until 1259 when a man announcer gave station ID: "This is T8WH, Palau. This is World Harvest Radio ... send reception reports to P. O. Box 1, South Bend..." Poor to fair. (D'Angelo-PA/FCDX)
- 11580 **TAIWAN "Sound of Hope"** broadcast. SIO 444, November 6, 2018, 0052 – 0100. YL in strident talk. Good signal, almost not QSB, minor QRN. No audible QRM. OM anchor, MX and then off air at 0100. (Henley, WA)
- 11630 **KUWAIT Radio Kuwait** – Sulaiyah, 1520-1601* Nov 19, Arabic language program with talks, music and recitation prior to close down. Good signal. (D'Angelo-PA/FCDX)
- 11635 **NORTH KOREA Voice of Korea** in KK. SIO 333, November 10, 2018 2327 – 2333. MX with YL singing a ballad. Instrumental MX follows. Good MX, listenable signal. (Henley, WA)

- 11640 **CHINA *China Radio*** via Jinhua at 0730 UTC December 2nd in Cantonese with drama type programming. Address given as www.chineseradio.cn Interval Signal for CRI at 0800 UTC. Very Good (Delmage, AB)
- 11660 **ASCENSION ISLAND *BBC*** Hausa 1946-48 2 m in discussion; fair-poor 11/13 (Prodan-ME)
- 11750 **CHINA *CNR1*** in CC. SIO 444, November 6, 2018, 0101 – 0107. Domestic broadcast in Mandarin. YL announcer with long monologue. (Henley, WA)
- 11750 **CHINA *CNR1*** in CC. SIO 333, November 10, 2018, 2335 – 2338. Heavy QRN. OM and YL in animated conversation. Likely advertisements. Slight QSB, OM and YL alternating. Programming talk at 2337 with OM and YL. (Henley, WA)
- 11760 **CUBA *Radio Habana Cuba*** in SS. SIO 555, November 10, 2018, 0018 – 0024. YL anchor, much talk and some Latin MX. (Henley, WA)
- 11760 **CUBA *Radio Habana Cuba*** in SS. SIO 333, November 10, 2018, 2338 – 2342. YL in talk. Listed target is the Americas. ID at 2340. MX with YL vocalist and then more talk. (Henley, WA)
- 11775 **ANGUILLA *Caribbean Beacon University Network*** 11/18, 1605-1620; religious harangue. 54445 (Sives-PA)
- 11780 **BRAZIL *Radio Nacional da Amazonia*** in PP. SIO 545, November 6, 2018, 0108 – 0124. Excellent signal, OM announcer, MX with OM singer. Easy listening. (Henley, WA)
- 11780 **BRAZIL *Radio Nacional da Amazonia*** in PP. SIO 444, November 10, 2018, 2343 – 2351. Domestic broadcast. OM announcer, PP MX, OM vocalist. (Henley, WA)
- 11780 **CHINA. *China Radio Int'l*** in CC. SIO 555, November 10, 2018, 0024 – 0029. OM announcer in Mandarin with audio clips and interviews. Long monologue. Good signal. Pop MX in CC. (Henley, WA)
- 11780 **BRAZIL *Rádio Nacional da Amazônia*** 1900-1907, 1944- Portuguese news; fair 11/13 (Prodan-ME)
- 11810 **SOUTH KOREA. *KBS World Radio*** in KK. SIO 444, November 10, 2018, 2352 – 2400. OMs in talk / conversation. Wrap-up at 2359 with YL announcer. MX, then carrier off air at 2400. (Henley, WA)
- 11810 **ASCENSION ISLAND *BBC*** 1919-21 sports – Africa Cup; fair 11/13 (Prodan-ME)
- 11815 **TURKEY *Voice of Turkey***, Dec 12 at 1543, VOT in Turkish talk, S5-S8 (Hauser-OK)
- 11820 **SAUDI ARABIA *Radio Saudi Int'l*** Arabic 1921- chants; poor-fair 11/13 (Prodan-ME)
- 11840 **CUBA *Radio Habana Cuba*** in SS. SIO 444, November 11 2018, 0000 – 0004. Latin MX program. Heavy QRN, slight QSB. Listed target is Chile. (Henley, WA)
- 11860 **UNITED STATES *Radio Marti*** Greenville NC Spanish 1923- 2 m in discussion; very good 11/13 (Prodan-ME)
- 11880 **CUBA *Radio Habana Cuba*** in EE. SIO 555, November 10, 2018, 0030 – 0035. OM and YL in news from around the world. UN discussions, trade, human rights, etc. (Henley, WA)
- 11880 **GUAM *KSDA*** 2100-2130 Oct 26th. SIO 444. Bible readings from Hebrews Chapter 11. (Miller-GA)
- 11900 **SÃO TOME *Voice of America*** relay – 11/24 2041 discussion in Hausa. SIO 444. (Bueneman – MO)
- 11930 **UNITED STATES *Radio Marti*** Greenville NC Spanish 1924-25 heard “Marti”; poor+ 11/13 (Prodan-ME)
- 11965 **MADAGASCAR *KNLS***, 2053, 11-26-18. Flute music, Address and email given by male in English, religious vocal SIO333 (Cichorek-NJ)
- 11965 **MADAGASCAR *MWV Radio Feda/World Christian Broadcasting KNLS*** 1926-33 Arabic m & f Ann; music - Sultans of Swing, Makin’ Whoopie, Money for Nothing; fair-good 11/13 (Prodan-ME)
- 11985 **MADAGASCAR *AWR Arabic*** 1928-33 m & f Ann sta ID and e-mail address; poor-fair 11/13 (Prodan-ME)
- 12000 **CUBA *Radio Habana Cuba*** in SS. SIO 555, November 10, 2018, 0037 – 0042. Latin MX program. Excellent signal, armchair copy. YL announcer. (Henley, WA)
- 12035 **TURKEY *Voice of Turkey*** - Emirler, 1330-1424 Nov 19, English program with news, Review of the Turkish Press, Turkish music and various features (Turkey My Home, Turkey in a Nutshell, Question of the Month, etc.). Closed with multi-lingo station IDs. Good signal. D’Angelo-PA/FCDX)
- 12050 **OMAN 1935-37 *WEWN*** Alabama in Spanish and Radio Sultanate of Oman in Arabic, simultaneously, both clear, neither dominant; fair- 11/13 (Prodan-ME)
- 12070 **PHILIPPINES *FEBC*** in CC. SIO 444, November 10, 2018, 0043 – 0048. Listed language is Mandarin, target is FE. YL with long monologue. (Henley, WA)
- 12075 **BOTSWANA *Voice of America*** 1937-40 French f & m Ann, sta ID & news incl Israel/Hamas situation; good 11/13 (Prodan-ME)
- 12095 **ASCENSION ISLAND *BBC*** 1941-45 negotiations with EU on sports rankings & visa problems; fair-good 11/13 not as good on //11810 (Prodan-ME)
- 12095 **PHILIPPINES *FEBC Radio***, Bocau, 11/18, 1230. Talk by male announcer followed by a short song in language listed as Achang. At 1245, service transitioned to language listed as Tai Dam with some local music. 45444. (Roe-UK)
- 12120 **PHILIPPINES *FEBC Radio***, Bocau, 11/18, 1230. Talk by male announcer with a song sung to guitar accompanying and later an unknown instrument - maybe a mouth organ or similar - all in language listed as Akha. At 1245UT service transitioned to language listed as Chin-Daii with music on a flute-like instrument. 45444. (Roe-UK)

- 12150 **CHINA CNR** in CC. SIO 444, November 10, 2018, 0050 – 0100. PM and YLs in talk. This is likely jamming “Sound of Hope” from Taiwan. Off air at 0100 after time pips. . (Henley, WA)
- 13650 **CUBA China Radio Int’l** in PP via Havana. SIO 333, November 10, 2018, 2300 – 2310. This signal is simultaneous with NHK Radio Japan on same frequency and time. Both signals are equally intelligible despite the simultaneity. It is an unusual occurrence. (Henley, WA)
- 13650 **JAPAN NHK Radio Japan** in Burmese. SIO 555, November 9, 2018, 2355 – 2400. YL host, some MX, ID and contact information given at 2358. MX, then time pips at top of hour. Carrier off air at 2400. (Henley, WA)
- 13650 **JAPAN NHK Radio Japan** in Thai. SIO 333, November 10, 2018, 2300 – 2310. MX with YL announcer. See note on 13650 CUBA at same time. (Henley, WA)
- 13745 **THAILAND Radio Thailand** in EE. SIO 343, November 6, 2018, 0034 – 0044. OM announcer with news in EE and then an interview. Target is WNA. Listenable with moderate QRN/QSB. Frequent station identification. (Henley, WA)
- 13745 **THAILAND Radio Thailand** in EE. SIO 555, November 10, 2018, 0000 – 0014. Advertisement for Bangkok Airways, National and world news with OM and YL announcers, all in EE. Excellent signal. (Henley, WA)
- 13745 **THAILAND Radio Thailand** - Udorn, *0000-0043 Nov 19, opening of the English news program hosted by a man and woman announcing team with numerous public service announcements and usual array of commercial ads. Although briefly lost signal around 0029 as antenna pattern changed, reception continued afterwards. Poor to fair. (D’Angelo-PA/FCDX)
- 13745 **THAILAND Radio Thailand** at 0002 UTC December 2nd with Morning News Hour. An ad for Bangkok Marriott Christmas events at 0011 UTC. Very Good (Delmage, AB)
- 13765 **CUBA. Radio Habana Cuba**, Dec 14 at 1441, RHC-FM at S9+10, Spanish almost clear with F# tone, first one found today out of 13700-AM transmitter. At 1454 after breakfast I hunt the others, approx.: 13830, 13892, 13952, 14020-trace, 13636, 13570, 13505, 13442-trace (Hauser-OK)
- 13820 **UNITED STATES. Radio Marti** in SS from Greenville, NC. SIO 555, November 9, 2018, 1623 – 1641. MX and commentary. Good Latin MX with OM host and vocalists. ID at 1627, YL commentator after ID, alternating with OM. Frequency and contact information given followed by an interview. Occasional steep QSB. (Henley, WA)
- 13920 **CHINA CNR1** in CC. SIO 333, November 6, 2018, 0046 – 0049. Talk, audio clips, advertisements. Listed language is Mandarin. This is possibly covering up “Sound of Hope” from Taiwan on the same frequency. (Henley, WA)
- 15140 **CUBA Radio Havana Cuba** – 11/24 2034 commentary in English. SIO 545. (Bueneman – MO)
- 15140 **CUBA Radio Habana Cuba** Arabic 1904-08 m Ann mentions Cuba, Costa Rica; RHC sta ID; fair 11/13 (Prodan-ME)
- 15140 **CUBA Radio Havana Cuba**, Quivican, 11/22, 1345. Spanish. Talk by female host with additional comments by male co-host and some brief excerpts of Cuban music. RHC theme at the top of the hour. 25332. (Roe-UK)
- 15215 **GUAM AWR** relay in CC via KSDA. SIO 444, November 9, 2018, 2314 – 2321. YL in talk, orchestral instrumental MX, some buzzing QRM. Listed language is Mandarin. YL again after MX with long monologue. (Henley, WA)
- 15230 **CUBA Radio Habana Cuba** Spanish 1455-1458 f & m Ann, station IDs; good 12/5 //15140 fair (Prodan-ME)
- 15310 **PHILIPPINES BBC** relay from Tinang in Burmese. SIO 434, November 6, 2018, 0009 – 0014. Two OMs in talk, interview format. YL announcer alternating. Heavy QRN and moderate QSB. (Henley, WA)
- 15320 **GUAM AWR** relay in Vietnamese via KSDA. SIO 333, November 9, 2018, 2322 – 2327. OM in Vietnamese with long monologue or harangue. Moderate QRN. (Henley, WA)
- 15365 **GUAM AWR** relay in Khmer via KSDA. SIO 333, November 9, 2018, 2327 – 2333. OM in conversation or Interview. Listed language is Khmer. YL announcer follows religious MX. ID in EE at 2328 followed by a switch to Lao at 2330 with OM and YL announcers. (Henley, WA)
- 15410 **CLANDESTINE (South Sudan), Eye Radio** – Santa Maria do Galeria, *1500-1546 Nov 19, man announcer with English language opening station ID and announcements quickly followed by Arabic. Arabic news followed by English news with many items focused on South Sudan. Poor to fair. (D’Angelo-PA/FCDX)
- 15410 **VATICAN CITY Eye Radio Sudanese** 1500-1509 m & f Ann, frequent mentions of Sudan and “Eye Radio”; fair-good 12/5 (Prodan-ME)
- 15530 **KUWAIT Radio Kuwait**, Kabd, 11/27, 0645. English. News from Foreign press sources. 45444. (Roe-UK)
- 15580 **BOTSWANA Voice of America** 11-26-18, 2045. Talk by man in English with guitar music. Very weak. (Cichorek-NJ)
- 15580 **BOTSWANA Voice of America** relay – 11/24 discussion in English. SIO 253. (Bueneman – MO)

- 15580 **BOTSWANA Voice of America** English 1815-40; discussion about Cameroon, Nigeria, South Africa, then f announcer "Sports World"; fair to poor 12/2 (Prodan-ME)
- 15580 **BOTSWANA Voice of America** at 1815 UTC December 1st with news from Africa. African music at 1830 UTC. Excellent (Delmage, AB)
- 15610 **UNITED STATES WEWN** - EWTN, Catholic Radio in EE. SIO 444, November 9, 2018, 2335 - 2337. OM and YLs in conversation. Call-in show with discussion about becoming a priest or other religious. (Henley, WA)
- 15610 **UNITED STATES WEWN** - EWTN, Catholic Radio in EE. SIO 555, November 10, 2018, 2319 - 2325. OMs in discussion of Federal Government forcing Catholics to do things against their religious beliefs, such as paying for abortions. Discussion of strategy to combat government interference with the practice of religion. (Henley, WA)
- 15610 **UNITED STATES WEWN** Vandiver, AL 1909-10 "call to Communion" and ad for Mother Angelica; good 11/13 (Prodan-ME)
- 15620 **UNITED STATES EWTN**, 2134, 11-12-18. Two men in English discussing church reformation, casual ID, ad for catholic health care. SIO444 (Cichorek-NJ)
- 15685 **GUAM AWR** relay in CC via KSDA. SIO 444 November 9, 2018, 2339 - 2342. Hymns with mixed choir singing. OM announcer. Listed language is Mandarin. (Henley, WA)
- 15720 **NEW ZEALAND Radio New Zealand Int'l** in EE. SIO 444, November 6, 2018, 0017 - 0030. OM announcer, MX, folk songs with YL group with in-studio performance. Listenable. Interviews about an aboriginal museum in Australia. (Henley, WA)
- 15720 **NEW ZEALAND Radio New Zealand Int'l** in EE. SIO 444, November 9, 2018, 2342 - 2350. Two YLs in interview / conversation with discussion of dieting, dieting customs, and results. (Henley, WA)
- 15720 **NEW ZEALAND Radio New Zealand Int'l** in EE. SIO 333, November 10, 2018, 2313 - 2316. Noisy signal. Talk show. Two OMs in discussion about first jobs and other pop culture. Heavy QRN. (Henley, WA) 15730 CUBA. Radio Habana Cuba in PP. SIO 333, November 9, 2018, 2350 - 2354. Latin MX, OM host, heavy QRN, steep QSB. Poor listening. (Henley, WA)
- 15770 **UNITED STATES WRMI** Okeechobee FL 1910-16 French m & f Ann; fair 11/13 (Prodan-ME)
- 17640 **ROMANIA Radio Romania Int'l**, Tiganesti, 11/27, 1130. French. Romanian folk music in their program: "Musique traditionnellement romaine" as scheduled on Tuesdays and Saturdays. 55555. (Roe-UK)
- 17665 **IRAN VOIRI**, Sirjan, 11/27, 1120. Hausa. VOIRI theme music followed by the Qur'an. Then an announcement with mentions of "kilohertz" and "FM" - so presumably their frequency schedule. 45444. (Roe-UK)
- 17690 **FRANCE Radio Nigeria** Kaduna - Issoudun, 1307-1322 Nov 20, tuned in to hear a man announcer speaking in the Hausa language. Weak signal but in the clear. (D'Angelo-PA/FCDX)
- 17760 **KUWAIT Radio Kuwait**, Kabd, 11/27, 1115. Filipino. Talk in Filipino but with a sprinkling of various English words and phrases. 35322. (Roe-UK)
- 17825 **UNITED STATES WWCR** Nashville, TN 1914-15 Bible study "way into glory, salvation"; fair 11/13 (Prodan-ME)



NASWA Flashsheet

Are you getting the latest hot information about what is happening on the shortwave bands? If you have not signed up for the club's electronic *Flashsheet* service, you are missing out on timely news and information about the DX scene that will enhance your shortwave listening pleasure. If you are a current member of the club and want to receive the electronic Flashsheet just drop **Rich D'Angelo** (rdangelo3@aol.com) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic *Flashsheet* edited by **Mark Taylor**, markokpik@gmail.com. The club's electronic *Flashsheet* helps members stay on top of the action with breaking shortwave news and information. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news.



32nd (!) Anniversary Winter SWL Fest

Sponsored by 

February 28th - March 2nd, 2019
Doubletree Guest Suites

640 Fountain Road, Plymouth Meeting, PA

Special 3-day edition: Attend your favorite forums Thursday, Friday and Saturday! Enjoy meeting with your friends in the Hospitality Room. Bring radio related items for the swap meet or to donate for the Silent Auction. Check out your friends' receivers; bring one of your own for others to try!

No frills; just shortwave, longwave, mediumwave, pirates, and scanning. Once again you will enjoy the camaraderie of your hobby friends.

Please note, there is an incentive for you to pre-register, as prices are more expensive for those who wait. Registration options are also more flexible than in the past, with new one-day and student registrations. **If you wish to participate in the banquet, you must complete registration and payment by Friday morning, March 1st.** If you choose not to participate in the banquet, there are many nearby restaurants.

Your registration must be postmarked by January 25th, 2019 for the best prices; registrations posted after that date are priced higher. See the registration form below.

GRAND PRIZE To be announced

SPECIAL Register early to win a sw portable! One free entry for an early-bird registration postmarked by January 25, 2019.

Please bring items for the Silent Auction. At least half of the proceeds are donated to charity.

Checks should be made payable to WINTER SWL FEST. Register directly with the hotel for your rooms by calling the Doubletree at (610) 834-8300. For 2019, the rate is **\$119** for a single king bed room, or **\$129** for a two-double bed room, including breakfast. To get this rate you **MUST** tell the hotel staff you're with the group code **swl**. **You can also reserve your hotel room online; check for the link as well as updated Fest info, at the WINTER SWL FEST Web Page at <http://www.swlfest.com/> or from <http://www.naswa.net/>.**

The Doubletree Guest Suites is conveniently located near the interchange of I-476 and I-276, at the I-276 Norristown exit (#333). Limo service is available from Phila. Intl Airport directly to the hotel.

Online registration available via PayPal – See <http://www.swlfest.com> for details!

If you aren't completing the online registration, please submit the following form with your registration amount or send for more information to:

NEW ADDRESS!! WINTER SWL FEST, P.O. Box 3292, Allentown, PA 18106 **NEW ADDRESS!!**

NAME: _____ (SPOUSE'S NAME) _____

ADDRESS: _____

CITY/ST/ZIP: _____ E-MAIL: _____
(REQ. FOR REG. CONFIRMATION)

CHECK ONE OR MORE | MAKE CHECKS PAYABLE TO "WINTER SWL FEST"

REGISTRATION POSTMARKED BY
JANUARY 25, 2019:

- Full (\$95)
- 3-day no banquet (\$45)
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- Full Spouse / etc. (\$80)
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LATE OR ON-SITE REG.
POSTMARKED AFTER JANUARY
25, 2019:

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RAFFLE TICKETS:

- raffle tickets, please
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- Registration Fee Enclosed \$ _____
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- Total Check/Money Order \$ _____

Cancellations after February 9, 2019 cannot be refunded, however we will refund raffle ticket money if you have to cancel.

For more information, visit <http://www.swlfest.com>



On the Short Waves



by Jerry Berg

<www.ontheshortwaves.com> **Update, November 25, 2018**—You can study <<https://www.spiegel.com/history-of-spiegel/>> and decode for yourself just what the present status of Spiegel's is, but in the mid-1900s it was a well-known catalog merchandiser. Among its radio products was the Air Castle line of receivers, and under "DX History/Equipment & Advertising" we have posted a Spiegel-Air Castle publication, "How to Operate Your Air Castle Radio," which doubled as a log of broadcast band and shortwave stations. There is lots of good info in here if you were listening circa 1939-40, including maps, station lists, pictures of radio personalities, aerial and tuning tips, etc.

<www.ontheshortwaves.com> **Update, December 2, 2018**—For real DX from Asia and the Pacific, Indonesia has long been ground zero. Home to numerous local and regional stations, many operating with low power, Indonesian shortwave broadcasters have generally welcomed reception reports, and have been good QSLers. Alas, there are just a few Indonesian SWBCers still on the air, and, as a result, Indonesia DX is now largely a matter of history. But you can relive the past by way of our new page under "Specialized Resources," "DXing Indonesia." In addition to several historical publications on the many aspects of DXing this exotic land, we have posted over 100 Indonesian QSLs that are sure to please the eye. If you have Indo QSLs that will add more depth to this collection, we would be happy to add them.

<www.ontheshortwaves.com> **Update, December 9, 2018**—Under "DX History/SWLing & DXing" we have posted another group of old timey SWL cards that have caught our eye. These are from U.S. SWLs. SWL cards often displayed the insignia of a club of which the SWL was a member or officer, with some SWLs going to great lengths to catalog their memberships or their DX accomplishments. We have included the backs of the cards if they contain useful information. (1) Most cards were designed to report ham contacts, but Dave Thomas's card was used to report broadcast stations, hence a bit of room for song titles and other program details. Note the mention of WUMS, Dave's famed "pirate" station. More on that here <<http://www.ontheshortwaves.com/WUMS.html>> (2) Kenneth Miller's card shows the logo of the Globe Circlers DX Club (GCDXC), an energetic club in its day. (3) This generic card apparently was produced for use by SWLs (and maybe hams) in southern California. (4) The Short Wave League, whose logo is on Harold Walchli's card, was run by Short Wave Craft magazine. (5) & (6) The W8H14 and W4H247 "calls" on these cards were issued by the Radio Signal Survey League (RSSL), an All-Wave Radio magazine project. (7) Aime GrosLouis was also a Short Wave League member. (8) Jim Howard was a well-known figure in the American Shortwave Listeners Club (and saved it from oblivion in 1962, when he became Executive Editor). (9) Fred Satterthwaite of Toledo, Ohio used the traditional "W8-SWL" designation, meaning an SWL located in the W8 call district. (10) It looks like "Red" Herz of Chicago was the Short Wave Editor for the GCDXC. (11) Lee Meade Williams's card leaves no doubt of his main hobby connection--the RSSL again. He was W5J28. (12) Eric Butcher of Cokeville, Wyoming was definitely a joiner. "O.L.P.S.W." (Official Listening Post-Short Wave) was a designator used by Radio News to recognize regular contributors to its shortwave column. Some other groups had similar designations. (13) Art Johnson also belonged to many clubs, and was an officer in the Universal DX Club, which was active in the 1930s (and not to be confused with the better-known Universal Radio DX Club). (14) As a member of the Quixote Radio Club, Mert Meade enjoyed an excellent bulletin, called the Short Wave Reporter. One of the QRC's missions was to facilitate QSL responses from recalcitrant stations. (15) The New England Radio Club offered these pre-posted, two-part cards for reporting to (mainly) broadcast band sta-

tions. You reported on one part of the card, and the station used the other as a prepared card QSL. (16) Nate Rosen's name was familiar to NNRChers. This card was sent to a ham in Portugal.—We have posted two additional Irian Jaya QSLs on our new "DXing Indonesia" page (under "Specialized Resources"). They are R. Suara Kasih Agung, Jayapura, 1993 (in Group 4); and RRI Wamena, 1988 (in Group 6). Thanks to John Wilkins, Colorado, for these.

<www.ontheshortwaves.com> Update, December 16, 2018—This week, under "DX History/SWLing & DXing," we present more SWL cards, this time from foreign countries. They are: (1) This very nice design is from the South Dunedin Branch of the New Zealand DX Radio Association, which was formed in 1933 and managed to continue in one form or another until 2006. (2) Swedish listener Mariana Elmquist had a very colorful card. (3) The card from Cuban listener Jose A. Garcia dates from the 1940s and reflects several affiliations: the RSSL, the Short Wave League, Radio Club de Cuba, and Britain's International Broadcasting Co. (IBC), which transmitted commercially sponsored programs over several European broadcast band and shortwave stations. (4) Frank Lamsley's 1942 "London" card is interesting, and reflects the wartime situation. (5) Harold LaPierre of Halifax, Nova Scotia, used this card featuring the IDXA logo. (6) There are a number of seeming club "identifiers," and nice graphics, on A. McJennett's New Zealand DX Club "ZLQSL" card. (7) There can't be much that a club with the name "All-Wave All-World DX Club" didn't cover. Aussie O. G. Washfold was AW257DX. (8) The card with the Radiola receiver on the front was most likely a promotional item distributed by the company. This Swedish listener used it to report reception of VOA-Munich in 1947, and it looks like the card had been on quite a journey. (9) The members' card from the Scandinavian DX-Club is very nicely designed, and covers all the bases. (10) That's a great graphic on the 1947 card from German listener Albrecht Heinrichs. The identifier DE6777 was probably assigned by the amateur radio authority in the British zone. (11) The card of Argentine listener Gabriel Di Nicola was intended to report amateur signals. (12) It looks like this elaborate SWL-card was sent by a listener in Portugal to a fellow SWL in Australia in 1946, maybe as a swap. The melody of the Portuguese national anthem, "A Portuguesa," shown on the front, was well known to DXers of African signals in colonial times. Under "Specialized Resources," we have added ten new QSLs on our "DXing Indonesia" page: Singaraja (Group 2), Sampang, Semarang, Sumedang, and Sumenep (all Group 11), Tual (Group 18), Mataram (Group 19), Tolitoli (Group 23), Belitung (Group 24), and Simalungun (Group 27). Many thanks to Ed Kusalik of Alberta for these. Also under "Specialized Resources/Wavescan," Adrian Peterson has brought his Wavescan entries up to date. We have added: (1) "BBC Rampisham Property in England for Sale" (Wavescan N506, November 4, 2018); (2) "The Koala Bear and the Great Australian Drought [2MO Gunnedah]" (Wavescan N506, November 4, 2018); (3) "On Shortwave from the Middle of the Continental United States [KDPM, KFKX]" (Wavescan N507, November 11, 2018); (4) "The Shortwave Scene in Canberra, 'The Kangaroo Capital in Australia'" (Wavescan N508, November 18, 2018); (5) "The Radio Story in the Smallest Territory in Mainland India [Mahe]" (Wavescan N509, November 25, 2018); (6) "Wandering the Caribbean with Deutsche Welle" (Wavescan N510, December 2, 2018); and (7) "Aircraft Emergency Landings at Night: The Aeroplane Jelly Song" (Wavescan N511, December 9, 2018).

<www.ontheshortwaves.com> Update, December 23, 2018—Under "CPRV/The CPRV Gallery," we have posted another group of club QSLs issued by various Scandinavian clubs for special programs that broadcasters dedicated to the club. Look for Group 8 in "Scandinavian Club QSLs" at the bottom of the "Shortwave Broadcast" section. Backs of the cards are included when they have relevant information.—Under "Specialized Resources," we have posted two new recordings on "The DX Recordings of Colin Miller" page: Radio Ethiopia, and Radio Voice of the Gospel, both from the early to mid-1970s. Thanks, Colin. — And under "Specialized Resources/Wavescan," Adrian Peterson has sent us two new stories: "The New China Bridge and the Radio Scene on the Islands of Macau" (Wavescan N512, December 16, 2018), and "Ancient DX Report: 1916" (Wavescan N512, December 16, 2018).

