

The **NASA** Journal

VOLUME LX NUMBER 1

JANUARY 2020



RADIO BANGLADESH

Q S L

This confirms your communication and reception of Radio Bangladesh Short Wave Station listened to on 22-8-1978 from... 1232...hrs. to... 1300...hrs. GMT on frequency... 15520...kHz.

Remarks.....

M. Rahman
**Research Engineer,
Radio Bangladesh.**



**BANGLADESH BETAR
RESEARCH & RECEIVING CENTRE**
121, Kazi Nazrul Islam Avenue
Dhaka, Bangladesh.





**External Services
Radio Bangladesh
P. O. Box No. 2204
Dhaka, Bangladesh**

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Director



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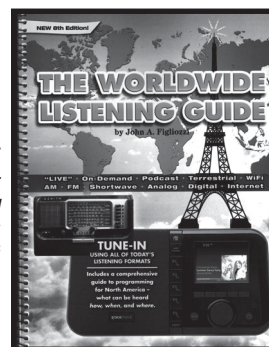
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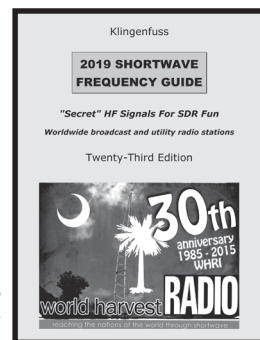


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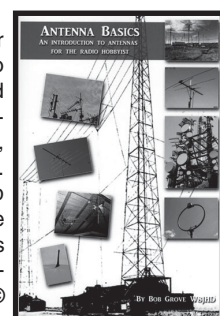


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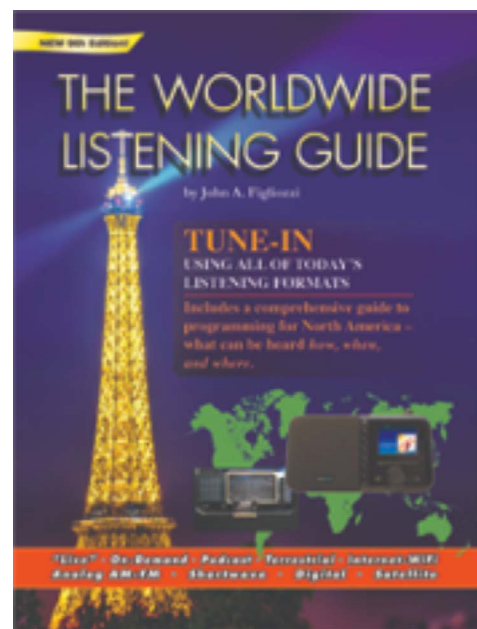
NASA Notes

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

We start the New Year off with an exotic cover featuring Bangladesh. John Herkimer gets us in the mood for some serious DX in the New Year with a cover featuring QSLs from Bangladesh Betar and Radio Bangladesh. The postage stamp featuring Bangladesh Betar would look nice in anybody's mailbox with a QSL verification from the station in the envelope. I recall my last verification from the station featuring an over-sized envelope covered in Bangladesh postage stamps. It made my day! The External Service barely exists these days with it being transmitted on the tropical band channel of 4,750 kHz. The international shortwave band external service outlets haven't existed for several months now. Keep following Listeners Notebook for any updates.

Through A.J. Janitschek we learn that Radio Free Asia (RFA) recently announced its Chinese Lunar Year QSL. The Year of the Rat begins January 25, 2020 and ends February 11, 2021. The rat is one of twelve animals used in the Chinese zodiac. Those born in a rat year are considered ambitious, meticulous, indus-

trious and sociable. They are also very focused, naturals at following their instincts, and they are highly attentive which supposedly makes them excellent in business. This is RFA's 72nd QSL and is used to confirm all valid RFA reception reports January – April 2020. 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 DXers, but also from our 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.



Shortwave Center Editor John Figliozzi's *The Worldwide Listening Guide* (new 9th Edition) is now available

Unity and Friendship

from Universal Radio in Ohio. The new 9th edition, published by Master Publishing, Inc., provides a comprehensive guide to programming for North America in 184 pages. It explains radio listening in all its forms ("live," on-demand, podcast, terrestrial, satellite, Internet, digital, analog, AM, FM, shortwave and WiFi). Essentially, what can be heard, how it can be heard as well as when and where to hear all this good stuff. It's a very useful publication and needs to be in every listener's radio shack. The 9th edition of the Worldwide Listening Guide is available from Universal Radio in Worthington, OH for \$28.95 plus shipping.

The shortwave world received a little exciting news in December to close out the calendar year as Vanuatu reactivated its shortwave operation launching its 3,945 kHz channel. Other reported frequencies include 5,040 and 7,260 kHz. See the full details in Listeners Notebook.

Teak Publishing announced the release of its important radio guide, the Global Radio Guide (GRG) 13th edition (Winter 2019-2020) e-book, by NASWA member Gayle Van Horn W4GVH. The book was formerly known as the International Shortwave Broadcast Guide. 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 all the latest Winter 2019-2020 schedules for selected AM band, longwave, and shortwave radio stations. This unique resource is the only radio publication that lists by-hour schedules that include all language services, frequencies, and world target areas for over 500 stations. There are listings of DX radio programs and Internet websites addresses for many of the stations in the book. There are also entries for time and frequency stations and even a few other intriguing shortwave radio stations. New in this 13th edition of the GRG is an intro-




ductory article: The Software Defined Radio - Bringing the World to Your Doorstep. It includes our first-ever SDR buyers guide. Gayle and Larry Van Horn have also joined forces again penning an in-depth equipment review on the new Airspy HF+Discovery SDR. Other authors in this edition include Richard Fisher with a feature on WBCQ - The Most Powerful Shortwave Voice in North America, and The Spectrum Monitor's Fred Waterer, with a feature on winter/holiday radio programming. The 2019-2020 winter propagation forecast is presented by international radio propagation expert, Tomas Hood NW7US. In addition to his propagation forecast, Tomas will also preview his thoughts on the new solar cycle 25. There are also articles on Traveling the World via Shortwave Radio Broadcasts, Monitoring the Shortwave Action Bands, our exclusive Hot 1000+ shortwave frequency list, and new radio product announcements. The 13th edition of the Global Radio Guide eBook (electronic book only, no print edition available) is available worldwide from Amazon

and their various international websites at <https://www.amazon.com/dp/B082DNSN4P>. The price for this latest edition is US\$8.99. Since this book is being released internationally, Amazon customers in the United Kingdom, Germany, France Spain, Italy, Japan, India, Canada, Brazil, Mexico and Australia can order this e-Book from Amazon websites directly servicing these countries. This publication will have wide appeal to amateur radio operators, shortwave radio hobbyists, news agencies, news buffs, educators, foreign language students, expatriates, or anyone interested in listening to a global view of world news and major events as they happen.

Another useful DX tool is member Bob Raymond of DXtreme Software™ latest version of his logging software for radio and TV monitoring enthusiasts, DXtreme Monitor Log 12. The new version of his popular logging program lets listeners and DXers log the stations they've heard using features that enhance their monitoring experiences. When starting Monitor Log 12 the first time as a new user the user can select the country format they want to use: NASWA Countries or ARRL En-

tities. Country information is fully editable when changes occur. The Schedule Checker refreshes automatically at the top of each hour for Aoki and EiBi schedules. Users can log stations across the radio spectrum - from long wave, to medium wave, to short wave, and beyond. Users can also select the display of kHz or MHz frequencies. Users can create customized paper and e-mail reception reports for sending to stations plus club report entries for reporting catches to clubs and magazines. Users can also print SWL and Address labels on industry-standard label stock. DXtreme Monitor Log 12 runs in 32- and 64-bit versions of Microsoft® Windows® 10, 8.1, 8, 7, Vista®, and XP. It retails for \$94.99 USD worldwide for electronic distribution. Pricing for CD versions and upgrading users is available on their Web site. All prices include product support by Internet e-mail. For more information, visit <https://www.dxtreme.com> or contact Bob Raymond at bobraymond@dxtreme.com.

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 your Musings, preferably as MS Word attachments, to jalinebk@gmail.com or mail to Jerry Alice Lineback, 4422 Sierra Del Sol, Paradise, CA 95969-8116. Please note that the new deadline for contributions to the February 2020 issue is January 15, 2020

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

I hope everyone had a wonderful holiday season and has a healthy and prosperous 2020. Carol and I will host her two sons and one girlfriend on December 30 for our Christmas/New Year celebration. We are in the process of having our fire-damaged roof replaced. It is like living inside a bass drum when they are pounding away, but the recovery process continues on track.

I note that I have been, off and on, an editor for this Magazine since about 1973. Give me (and Shortwave Broadcasting) three more years and I will make 50 years! And that was pre-

ceded by approximately 20 years of DXing before a fellow DXer told me about NASWA. This hobby has been a real Blast and one of the important cornerstones of my life.

Please remember the new earlier deadlines for 2020 and do resolve to contribute to Musings.
73, Jerry Alice

Eric Bueneman (NØUIH), 631 Coachway Lane, Hazelwood, MO 63042-1347

During the month of November 2019, I went on two more DXpeditions, bringing the total to ten in the space of 366 days; seven of those in the last three months. On the afternoon of November 14, I went on my first DXpedition outside the State of Missouri, heading to Pere Marquette State Park north of Grafton, IL. The park, located in southwestern Jersey County on Illinois Highway 100, is about 40 miles north of Saint Louis, MO. Operated by the Illinois Department of Natural Resources, it is named after Father Jacques Marquette, who explored the Illinois River with Louis Jolliet (namesake of Joliet, IL) in the late Seventeenth Century. The centerpiece of the park is a lodge built by the Civilian Conservation Corps (CCC) during the Great Depression. I brought my Tecsun PL-600 and homebrew 30-foot portable longwire for shortwave DX. Since the roads leading to the scenic overlooks on the bluffs were closed due to snow remaining from the November 11 snow event, I set up my listening post near the marina on the banks of the Illinois River. Temperatures were in the mid-40s Fahrenheit under sunny skies; the sun kept the minivan, where I set up my listening post, warm. I started monitoring around 1915 UTC; my first discovery was that one of the Saint Louis area AM (MW) stations, KFNS 590 kHz Wood River, IL, was weaker than most of the other Saint Louis AM (MW) stations; the park is located in a null toward a co-channel station in Omaha, NE and adjacent channel stations in Urbana, IL and Cedar Rapids, IA. On the shortwave bands, conditions favored Africa and the Americas after 1900 UTC. I started on 11770 kHz at 1937 UTC with the Voice of Nigeria via the Abuja site with a good signal, noting a commentary in the Fulfulde language. The Overcomer Ministry was noted via WRMI Okeechobee, FL with Brother Stair telling Bible stories on 9395 and 9455 kHz at 1952 UTC. A good signal was noted on 9395; the signal was better on 9455 kHz. KVOH Rancho Simi, CA made it through with a very good signal on 17775 kHz at 2005 UTC with Contemporary Christian music in Spanish. WJHR Milton, FL noted on 15555 kHz USB at 2016 UTC with a good signal; the preacher was speaking on the Bible's teaching on adultery. I noted my first clandestine broadcaster at 2026 UTC by hearing Radio Ndarason International (hostile to Boko Haram in Chad) via Woofferton, U.K. on 12050 kHz with a good signal; native music and commentary in the Kanembu language was noted. Another clandestine broadcaster was noted at 2114 UTC when Denge Welat (hostile to the Turkish government) via Issoudun, France was noted with a fair to poor signal on 9525 kHz with commentary in the Kurdish language and traditional Kurdish music. China Radio International from the Kasgar site was noted with a fair to poor signal on 9600 kHz with a discussion in English. Signals below 5900 kHz began coming through after 2100 UTC; fair to poor signals were noted from Cubans Radio Rebelde on 5025 kHz from the Bauta site at 2129 UTC and Radio Havana Cuba via the Bejucal site on 5040 kHz at 2201 UTC. Standard time and frequency station CHU Ottawa, ON was noted on 3330 kHz at 2200 UTC with IDs and UTC time checks in English and French; I heard it with a fair to poor signal. VOA relays were heard on 11720 kHz (São Tomé) and 15580 kHz (Botswana), as well as BBC World Service via Ascension Island on 11810 and 12095 kHz (both in English). On the AM (MW) broadcast band, stations in the U.S. Midwest, Mid-South, Southeast and East were noted; Toronto 50

kW MW stations were noted after 2200 UTC. I wrapped up the DXpedition around 2300 UTC and headed back to my home QTH. My first DXpedition to the Land of Lincoln was a success.

On the afternoon of November 25, I took my radios back to Babler State Park in Wildwood, MO. I set up about half a mile north of the site of the November 24, 2018 DXpedition; the site was a parking lot about 100 yards from the Guy Park Trailhead on the western end of the park. It was the first time I took the homebrew 30-foot longwire I built to Babler; the first DXpedition used the 20-foot Tecsun longwire that came with my PL-600. I started monitoring around 1915 UTC; Africa and the Americas were noted after 1900 UTC. Brazil's 250 kW blowtorch on 11780 kHz, Radio Nacional da Amazônia ZYE365 from Brasilia was noted with a good signal at 1930 UTC; a discussion and pop music in Portuguese were noted. Five minutes later, I tuned down 10 kHz to the Voice of Nigeria from the Abuja site on 11770 kHz with a good to fair signal; a commentary in the Fulfulde language was noted. On 11660 kHz at 1938 UTC, BBC's Hausa service was noted with commentary and a good signal from Ascension Island. I heard VOA in French on two different frequencies: 11900 kHz via São Tomé at 1940 UTC with a good to fair signal and 12075 kHz via Botswana at 1943 UTC with a good signal. After 2000 UTC, stations on the 49 Meter band (other than CFRX 6070 kHz Toronto, ON) started coming through; China Radio International via the Cerrik, Albania site was noted at 2004 UTC on 5960 kHz with a fair signal, hearing news, a promo and commentary in English. I checked 5025 kHz at 2012 UTC; sure enough, Radio Rebelde from the Bauta site was heard with a commentary in Spanish. A fair to poor signal was noted in local mid-afternoon. ORTM's Radio Mali was heard on 5995 kHz at 2030 UTC with commentary in French; a fair to poor signal was noted. Radio Romania International via the Galbeni site was heard on 7375 kHz at 2045 UTC with commentary in Romanian; a good to fair signal was noted. All India Radio was noted on 9445 kHz from the Bengaluru site at 2118 UTC with a good signal; traditional Indian music, commentary and an ID was heard. The first big surprise of the DXpedition was noted at 2150 UTC; standard time and frequency station PPE Rio de Janeiro, Brazil was noted with a fair signal under WWV on 10 MHz with time signals, beeps and announcements in Portuguese. The second big surprise was on 9820 kHz at 2202 UTC with CNR2 Business Radio Xianyang in the People's Republic of China being heard with promos and commentary in Chinese; a fair signal was noted. Saudi Radio International from the Riyadh site was noted on two frequencies with an ID, promos and commentary in Arabic: 9555 kHz with a fair signal and 9870 kHz with a fair to poor signal. On the AM (MW) broadcast band, signals from the U.S. Midwest, Mid-South and East were noted after 2000 UTC; Nebraska AM (MW) stations were heard after 2200 UTC. I wrapped up the DXpedition around 2245 UTC, packed up and went out into rush-hour traffic.

I plan to check out a few new DXpedition sites in 2020. The seven sites I selected turned out to be excellent DXpedition sites. I've learned that the secret to selecting a DXpedition site is to be at least 15 miles away from the transmitter sites of the 50 kW AM (MW) stations, like KMOX 1120 kHz; you don't have to travel a long distance to set up a DXpedition. A park or conservation area not far from your home QTH is ideal for a daytime DXpedition.

73 and good DX from the Florissant Valley Dial Twister.

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



Publisher's Corner

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

Still working through schedule issues here at HQ

December's *Journal* arrived much later than it should have, and that's on me. It was a combination of unplanned distractions — needing a new heating system at the house, for one — plus physical therapy now kicking in as I continue to recover from the summer's ankle injury. Throw in an erratic work schedule and the usual extra activities included with the holidays, and you have the ingredients for a significant delay in the *Journal*. I believe the worst is now behind, and am hoping 2020 will bring a return to more timely publication pace. Thanks for the patience so many have showed along the way!

Winter SWL Fest season is at hand!

The last page of this month's *Journal* — whether you are reading a paper copy or the PDF version — is the registration form for the upcoming Winter SWL Fest. Amazingly it's the 33rd edition coming up, and I hope to see many club members there. The Fest is conveniently located in suburban Philadelphia, at a hotel that is near a significant highway junction (I-276 and I-476) and can be reached without too much difficulty for those traveling by air, rail, or bus to Philadelphia.

The early registration deadline is already sneaking up on us — it's January 24th. Having your registration postmarked or e-mailed by that date gets you the lowest registration rates and also ensures you get the special Fest hotel rate.

If you have Internet access, the best way to keep up-to-date as the Fest approaches is to check the Fest website, <http://swlfest.com>, for regular updates. Information such as the schedule of forum sessions, raffle prizes, and Fest history is all available there. We also have an e-mail discussion list — a link to it is at the Fest website — that can be a handy way to have your questions answered if the website doesn't address your question. We have a Facebook presence as well.

If you're new to NASWA and haven't heard of the Fest before, this is the largest gathering of shortwave listening enthusiasts in North America and even draws shortwave hobbyists from Europe, the Far East, and Australia as well as a significant number of US states and Canadian provinces. Even though the Fest is the largest such gathering we know of, it still has an intimate, casual feel to it — our typical attendance is roughly 125 each year, and most who come to the Fest for the first time say we're a friendly, welcoming group. Yep, even a "mature" event like the Fest draws new members each year!

Keep sending those musings in!

It's great to see folks sending in contributions to Jerry Alice Lineback for the *Musings* column. Do keep it up! Whether it's remembering your favorite broadcaster, or a favorite radio, or a new discovery on the airwaves, put pen to paper (or keys to keyboard) and send a note over to Jerry Alice. If you've been part of a DXpedition this season, share those details too!

Did Santa bring you anything radio-related for Christmas?

Alas, there isn't a steady parade of high-end shortwave receivers nowadays like there used to be, but I am certain folks splurged on radio-related gear, software, services, or the like. Let us know about that as well. I purchased a new computer that I'm using for all my usual web-related tasks as well as composing and editing my column each month. It's a Chromebook — think under \$200 — while I can't necessarily host a soft-

ware-defined radio with it, I can certainly use it to tune to receivers around the world.

If a new radio isn't in the budget, there are new shortwave-related books you can consider if your Christmas budget still has a few leftover dollars; one that I can highly recommend is John Figliozzi's *Worldwide Listening Guide*, printed in December 2019 and available from Universal Radio.

Good listening – Richard / Publisher – Business Manager



Listening Review

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

Welcome to Listening Review for January 2020, and a Happy New Year to all readers. By the way, I hope that those of you who are subscribed to the NASWA IO Group mail list found the Holiday Programming on Shortwave which I distributed in the days leading up to Christmas helpful. It would have been nice to have sent this out earlier, or even have printed it here in The Journal, but advance program information is seldom available from any radio station. This month to start, I have a little program news recently received, and this will be followed by a roundup of some of the (mostly) Christmas-themed programs that I enjoyed in the days leading up to Christmas Day, including some programs that I recorded via my SDR radio and listened back to later.

Radio Free Chicago

Bill Tilford (producer of From The Isle of Music and Uncle Bill's Melting Pot) writes:

“Beginning Sunday, February 2, a new program, **Radio Free Chicago**, will fill the open space between Bill Tilford's Uncle Bill's Melting Pot and Harry Shearer's Le Show on Sundays on WBCQ The Planet 7490 kHz from 6:30-7:00pm Eastern US Time (currently 2330-0000 UTC). A joint production of Hard Lens Media and Tilford Productions, Radio Free Chicago will be an eclectic combination of current affairs, weird history and Chicago-based cultural segments of interest to listeners worldwide. This will create a continuous entertaining program block between Marion's Attic, Uncle Bill's Melting Pot, Radio Free Chicago and Le Show.”

Thank you, Bill – this should be a good catch for States-side listeners, and I'll give it a try from here in Europe. Sounds like an entertaining program. If you catch the program, don't forget to feedback to Bill at bill@tilfordproductions.com.

Radio Tumbril

Brice Avery of **Radio Tumbril** has been looking for better broadcast options to improve reception of *Encore Classic Music*, and seems to be having good results in North America on 9350 kHz via WWCR on Saturdays at 2100UT. There is also a new trial broadcast via Channel 292 on 7440 kHz on Sundays at 0900UT. Remember, Brice will appreciate feedback at encoretumbril@gmail.com.

Hobart Radio International

Hobart R Int (Ho-Ho-Hobart Radio) final show for 2019 was their Christmas & New Year special – heard on 21 December on 7780 kHz via WRMI at 2330UT. Good reception on this frequency this evening. The program had Donald Trump singing *Jingle Bell Rock* (!) followed by the fantastic Kate Bush singing her 1980 song *December Will be Magic Again*. Further in to the program was Jordan's Christmas Corner of Radio – and it was great to hear once again an excerpt from Ian McFarland on Shortwave Listeners Digest on Radio Canada International – this excerpt was dated 20 December 1981. Forty years ago, this program was essential listening each week and one of many programs that are much missed. Thanks, Jordan, for bringing this to us.

The current schedule of HRI is:

Saturday 2330: 7780-wrmi

Sunday 0030: 5850-rmi 7730-rmi

0430: 9955-rmi

0830: 5850-rmi 5950-rmi 7730-rmi

Monday 0330: 5130-wbcq

Radio Romania International

R Romania Int's English broadcast on Saturday 21 December from 2200-2300 on 7220 included their regular *All That Jazz* feature (at 2230) Jazz versions of two Christmas tunes, starting with a very unusual jazz version of *A Child is Born*, a followed by an unfamiliar song called Carols. Pleasant listening, but not long enough!

The Romanian broadcast on **RRI** of *Radio Concert Season* at 0200-0300 on Sunday 22 December, whilst not Christmas-themed is worthy of note. This was heard with excellent reception on both 5910 and 7340. The program today, by the National Radio Orchestra, was *"In memoriam - 30 years since the Revolution of 1989"* and comprised the full version of *Messa da Requiem* by Giuseppe Verdi.

From Wikipedia:

"The Messa da Requiem is a musical setting of the Catholic funeral mass (Requiem) for four soloists, double choir and orchestra by Giuseppe Verdi. It was composed in memory of Alessandro Manzoni, an Italian poet and novelist whom Verdi admired. The first performance, at the San Marco church in Milan on 22 May 1874, marked the first anniversary of Manzoni's death. The work was at one time called the Manzoni Requiem. It is rarely performed in liturgy, but rather in concert form of around 85–90 minutes in length."

This one-hour shortwave program is a re-broadcast of the first hour of Friday night's two-hour broadcast on domestic **Radio Romania Muzical**, and today, as usual, the broadcast was regrettably cut short at 0255 (so not even an hour) when the shortwave transmitters were abruptly cut off. At least RRI is one of the few stations on shortwave

that broadcast full length classical pieces, but oh such a shame that we lose the second half of the program each week.

The full concert can be found online at <http://www.romania-muzical.ro/emisiune/stagiunea-muzicala-radio/transmisiune-directa-de-la-sala-radio/210371/120>, although I'm not sure for how long that this remains available.

Meanwhile, on 24 December in the **Romanian service** from 2010UT with good signals on 5990 and 7375 kHz had a very pleasant program of Christmas songs, including many familiar English songs, and less familiar (to me) songs in other languages. Many classic songs were here including Band Aid's *Do They Know It's Christmas* and Bong Crosby *I'm Dreaming of a White Christmas*.

Back to **RRI's English service** again: their Christmas Eve broadcast heard on 25 December at 0400UT on 6020 included a Christmas-themed **Inside Romania** with a feature about *St. Nicholas Day* on 6 December with a report from the Romanian Peasant Museum in Bucharest about how this day is celebrated by local traditions in various Romanian cities, and the giving of gifts to children. Later in the broadcast, at 0430, traditional Romanian carols comprised today's **Truly Romanian**. Always an entertaining program, and so it was today.

WWCR, USA

WWCR has a DX/Listener Response slot for one hour (0400-0500) on 4840 kHz. Reception on Sunday 22 December was a little weak here so it was difficult to follow fully the discussion on **Ask WWCR** (0400-0415) or to Bob Padula's **Australian DX Report** (0415-0430), however the special Christmas edition of **AWR Wavescan** was a delight with a selection

of carols that would surely always be high in any list of favorite carols, including two versions of *Silent Night*.

BBC World Service

As last year, and so this year, the annual tradition on Christmas Eve (24 December at 1500UT) on BBC World Service is **A Festival of Nine Lessons and Carols**. (See Listening Review for January 2019). Once again, I enjoyed the whole concert from *Once in Royal David's City* through to *Hark! The herald angels sing*, listening this year on (initially) 7445kHz via Singapore, and from around 1530 on 7485kHz via Madagascar. If it's not in your diary, write it in now for this coming December.

NDR Germany

Gruß an Bord ("Greetings on Board") via NDR is another annual tradition on Christmas Eve (24 December at 1900UTC). This four-hour broadcast is aimed at seafarers all over the world with greetings and messages from relatives and friends to officers and teams who cannot be at home. The Christmas greetings (from friends and family in Germany to those at sea, and including a number of greetings in English) for the show are usually recorded at two live events on December – in this case on 8 December in Leer and on 15 December in Hamburg. The program includes plenty of live music making for an entertaining program, even for non-German speakers. In fact, I find this program more entertaining than another annual broadcast tradition – the BBC Antarctic midwinter broadcast on 21 June, although the BBC broadcast wins on the exotic scale of shortwave listening. I'm not sure who the singer was providing the live entertainment today during the first two hours, but to me she sounded a little like a young Eartha Kitt. However, looking

subsequently at the NDR Info web page for the *Gruß an Bord*, it may have been Anna-Fleur Schoch. A very enjoyable performance with many songs in English. The broadcast traditionally also included (at 2100UT for a little over an hour) transmission of the Christmas mass.

Incredibly, this broadcast has been made each year since 1953, although I only became aware of it a few years ago, and in fact searching electronically through all the DX Listening Digests since 2001, BCDX from Worldwide DX Club since 2001, and DSWCI's Shortwave News since 1957, the first reference is in BCDX in 2013 (and in both DXLD and SWN in 2014). Prior to that, it seems to have escaped the notice of Shortwave Listeners.

I listened on 6080 via Nauen for the first 2 hours from 1900 which provided a very strong signal, and on 6145, also via Nauen, for the second 2 hours with a similarly strong signal. If it's not in your diary, write it in now for this coming December.

KBS World Radio

KBS World Radio in German on 3955 kHz via Woofferton at 2000UT seemed to be discussing Christmas, and included a few Christmas songs, including, of course, the carol *Silent Night*.

Radio Slovakia International

R Slovakia Int's Christmas Eve program was heard with fair-to-good reception on 3985 kHz via Kall in Germany at 2000UT. In Slovakia, it seems that Christmas Eve is known as the Day of Generosity – as proved by the giving of presents on this day. The program started with a short interview with composer Iris Szeghy who talked about how her Christmas traditions are maintained whilst now living in Switzerland, followed

by a short extract of one of her compositions for viola. The program continued with a short interview with pop singer Jana Kirschner and how her Christmas traditions are maintained whilst now living in London, followed by one of her songs. The second half of the program was a report on Betlehem ... a small town in Slovakia. A nice report.

Voice of Greece

The **V of Greece**, with its customary powerful signal on 9420 had a very nice program of familiar and not so familiar Carols and Christmas music on 24 December from 2000UT including, of course, *Silent Night*, also *Little Drummer Boy*, Chris Rea's *Driving Home for Christmas* and an instrumental of *We Wish You a Merry Christmas*. Another entertaining hour from Athens.

Radio Prague International

Radio Prague International's Christmas Eve broadcast (which I listened to on 25 December at 0200UT on 7780 kHz via WRMI, with good reception) was all about food traditions on Christmas Eve, which for Czech's is the highlight of the Christmas season. It seems that carp, fried in breadcrumbs, is the main dish for this day. Most people buy these live and either have the fishmonger prepare it, or take it home and keep it in the bath until required. A few families have a tradition of taking the captured carp to the river and setting it free, however this it seems is not really recommended as the carp is unlikely to survive anyway. Cookies are also a big part of Christmas – especially Gingerbread men and Gingerbread houses in Pardubice – and there was an interesting talk about the production of Gingerbread and that the dough used has been recognized with the status of a Protected Geographic Indication label by the European Union in the member states.

The program ended with a short selection of Christmas music typically heard in “*millions of Czech households on Christmas Eve*”. Another entertaining program from R Prague Int!


Radio Exterior de Espana

The final program that I will mention in this roundup is **R Exterior de Espana’s English program** on Christmas day. Regrettably, I missed tuning-in live to the half hour program at 2300UT, and did not record anything using my SDR, but it has been uploaded to the REE website where I listened. This was a program of Spanish Carols (Villancicos) and Music from the 16th to 19th centuries with Choral

and instrumental pieces by Juan de Encina, Cristóbal Morales, Francisco Guerrero, Tomás Luis de Victoria, Gaspar Fernández, and Juan Manuel de la Puente.

It was a lovely program of some very beautiful songs. It should remain permanently on the website and is well worth listening to, at:

<http://www.rtve.es/alaharta/audios/emision-en-ingles/> (scroll down to the entry listed for 26 December).

That’s all for this month – until next time: good listening and 73’s, Alan 

International Broadcasting

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Australia contemplates its international broadcasting

Australian pundits and politicians have lately been discussing the revival of Australian international broadcasting, now that it has reached an ebb in terms of budget and output. It is the subject of a substantial report by the Lowy Institute, an Australian think tank that positions itself as independent, but has been described as “center-right.” “International Public Broadcasting: A Missed Opportunity For Projecting Australia’s Soft Power” is written by Annmaree O’Keeffe and Chris Greene. It can be accessed at bit.ly/2Q06NLt.

The report’s key findings: “1) The past decade has seen a dramatic decline in Australia’s international public broadcasting, in large part attributable to an absence of strategic vision from both government and the ABC, exacerbated by declining funds. 2) Neglect of

international broadcasting has impaired the projection of Australia’s soft power, particularly in the Pacific. Government needs to clarify its purpose and commit to significant medium-term resourcing. 3) To better project Australia’s strengths, a rejuvenated broadcaster should have a new institutional basis within the Department of Foreign Affairs and Trade’s remit.”

The report examines aspects of the global environment for international broadcasting: “The revolution in information and communication technologies has caused disruptions which have been as significant for international broadcasting as for other parts of the media and communications industry. At the turn of the millennium, the standard range of platforms for IPBs [international public broadcasters] included both traditional and new media: radio (shortwave and FM), TV (terrestrial, satellite and cable) and internet

(although infrequently in multiple languages and not always continuously updated). This landscape altered dramatically in the middle of the first decade, with a game-changing bout of innovation both in the devices available and the information platforms. The advent of Facebook, the rise and fall of MySpace, the success of YouTube, Google, Twitter, Tumblr and Instagram, all in the first decade, completely transformed the type and range of information platforms accessible to consumers worldwide.”

Small change for Radio Australia

The authors document the decline of Australian international broadcasting: “Perhaps the most damaging blow for Radio Australia came in 2017 when ABC management decided to cut shortwave services to the Pacific. By December 2016, the Khmer, Burmese, Vietnamese, and French language services had already been discontinued, alongside a promise to increase the focus on Chinese, Indonesian and PNG audiences. The following year, the remnants of the ABC’s international services were distributed throughout the organisation. Then in July 2018, yet more re-branding of the international services took place. The international television digital service, Australia Plus, was renamed ABC Australia, while Radio Australia, which had been successful in maintaining its widely recognised call sign for close to 80 years, was to be known as ABC Radio Australia. The demise of Australia’s international broadcasting was almost complete, driven by domestic political agendas on both sides of Federal Parliament, combined with the financial priorities of the government and the ABC itself, leaving Radio Australia and its sibling with small change. ...

“With a funding envelope for international broadcasting which is close to a quarter of

the size of its budget a decade ago and one of the smallest in a global comparison, the ABC’s ability to effectively meet its target audiences’ expectations and demands with relevant, timely and credible programming is challenged. As scant funding is available for country and language specific programming, the ABC has little option but to opt for rebroadcasting content made for Australian audiences. This is arguably, in the absence of any reliable survey data, of little interest or relevance at least to two of the targeted audiences – influencers in Asia and the peoples of PNG and the Pacific. ...

“Ironically, the ABC’s decision to cancel domestic shortwave services to remote parts of Australia as well as international services to nearby countries catalysed a renewed debate. ... Debate has also been fuelled by China’s expanding broadcasting services into Pacific countries, which had previously been regarded as Australia’s broadcasting domain. The disappearance of Radio Australia’s language broadcasts across much of the region (except Tok Pisin), combined with the retirement of shortwave broadcasting, has created a void which China stands poised to fill.”

The Lowy report concentrates on the “public diplomacy” and “soft power” aspects of international broadcasting. This suggests a process in which Australia would transmit Message A (e.g. support for Australian policies and derision of its adversaries) to Audience B resulting in Effects C. But international broadcasting does not work that way. The communication process of international broadcasting starts with the audience and its need for news that is more credible, reliable, and comprehensive than the news they get from their government-controlled domestic media. Any effects would be subtle and long term. It should be enough that a nation provides a news service that allows the people

of other countries to form their own opinions about current events.

Credibility is therefore paramount. Credibility is achieved by independence, in reality and in perception. An "institutional basis within the Department of Foreign Affairs and Trade," as envisioned by that report would wipe out any hopes for real or perceived independence. The Australian Broadcasting Corporation, for all its recent difficulties, is still seen as an autonomous entity, and that includes its newsroom. And, so, Australian international broadcasting should remain under the ABC.

When Keith Glover started a family (other than his own)


Even the Australian Broadcasting Corporation has been looking at Australian international broadcasting. On December 15, it broadcast a video documentary "Australia Calling: 80 years of International Broadcasting." The documentarian Michael Vincent wrote: "An hour. An hour of television. I'd never done more than 15 minutes. This hour was largely going to be about ... radio. Hmmm, a lack of

pictures was going to make it challenging to produce a TV doco but this was an opportunity to pay tribute to eight decades of work by broadcasters and journalists dedicated to international coverage." (ab.co/2tPsJjz)

And then there was this story reported by the ABC website (ab.co/34XV1We): "They were from two different countries and had never met or heard the other's voice. But over a number of years Anita and Humphrey Chang fell in love through the radio as their words, written in letters and read out over the airwaves, reached each other across the ocean. In 1967, Humphrey proposed and Anita accepted. Now 52 years later they are still married, with four children and multiple grandchildren. All because they were fans of the same show on the ABC's Radio Australia. The signal was so powerful it could be heard by Australians and foreigners as far away as New York City and Europe. At a time when radio was the only daily international media, Anita and Humphrey both wrote to Keith Glover's Listener's Mailbag, a program that answered various listener queries."

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

NASWA Facebook Page

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

Shortwave Center

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A Happy New Year to all NASWA members! Perhaps we can hope for some sunspots to begin appearing once again?

SHORTWAVE DRM NEWS

Hungary Studies DRM Shortwave The 26 MHz tests aim to demonstrate DRM's capabilities

By Hans Johnson Nov. 26, 2019

Courtesy, RADIO World Magazine

BUDAPEST, Hungary — **Digital Radio Mondiale** transmissions began from Budapest, Hungary, last June. Although two Hungarian

broadcasters previously tested DRM on medium wave, the transmissions are the country's first DRM trials on shortwave.

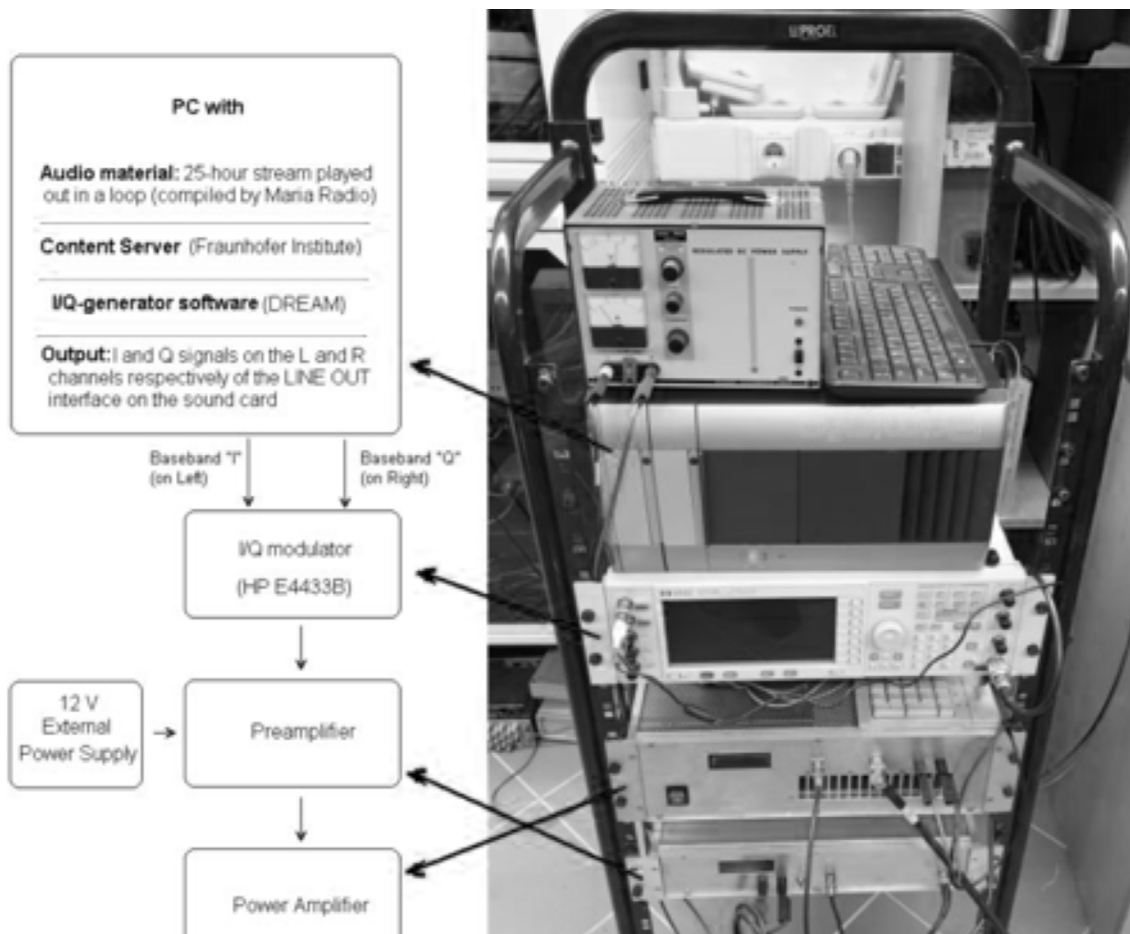
The Department of Broadcast Info-Communications and Electronic Theory at the Budapest University of Technology is conducting these latest trials. Csaba Szombathy, head of the broadcasting laboratory, is also head of the project, which will last for at least 12 months.

While the 11-meter 26,060 kHz frequency is well known for use in local broadcasting, it's rarely implemented for international broadcasting. Both **World Radio Network** (now owned by Encompass Digital Media) and **Vatican Radio** conducted DRM trials on shortwave in the 26 MHz range in London and Rome in 2005 and 2008 respectively. Researchers have also performed tests in this frequency to measure coverage and determine optimal mode and bandwidth on various occasions in Mexico and Brazil. The new Hungarian trials will add to this research.

Szombathy initially operated the transmitter with just 10W of power into a 5/8-inch vertical monopole. **Radio Maria**, a Catholic station, is providing a 25-hour program loop,



The antenna used in the trial is located at the Budapest University of Technology.



A diagram showing the compact DRM shortwave setup.

while a Dream DRM software-based encoder broadcasts the signal using AAC encoding. In spite of the low power, the program was reportedly received in the Netherlands.

In early September, Szombathy moved the antenna and transmitter to a slightly different location to improve coverage. He increased the power to 100 W.

The second stage of the project is demonstrating DRM's multimedia capabilities. Germany's Fraunhofer IIS loaned the laboratory a content server, which provided a substantial upgrade to their setup. Szombathy's station is transmitting with a xHE-AAC codec. The project also features Journaline data service, which Fraunhofer describes as "hierachically structured textual information."

Although a number of Indian medium-wave stations broadcast in xHE-AAC, the Hungari-

an station is the only shortwave station with regular xHE-AAC transmissions. Fraunhofer previously supported a German university station broadcasting in xHE-AAC. That station, Funklust, is no longer on shortwave.

Szombathy says he welcomes any DRM receiver manufacturer or developer to Budapest to conduct field tests using any receiver they are working on.

The station may go on beyond its one-year project. "It depends on what we archive or where we get during this year," explained Szombathy. "If I can generate sufficient interest, there's a chance it'll transition into a permanent, live broadcast."

Hans Johnson has worked in the broadcast industry for over 20 years in sales, consulting, and frequency management.

SHORTWAVE STATION PROFILE

Radio Waves International

1983-2018

by Peter HILLS & Philippe "The Terrible Twins"

Last edited : 12 Sep 2018

Edited by Richard D'Angelo and John Figliozzi from an information sheet provided by RWI.

The origin

One of my oldest souvenirs in relation with the radio is back n the 60's. At this time we didn't have a TV set at home. It was around an old wood box of a radio set that the whole family was using to listen to news, comedies, etc. This receiver got the three bands used in the past long waves, medium waves and short waves. I remember that my father liked to listen to all these bands specially the SW. It's surely him that gave me this "radio virus".

First listening

It's only in 1966 that a TV replaces the radio set in the lunch room and the radio set moved to my bedroom. It's then that I started to discover the wonderful world of Short Waves, through all these atmospheric, time signals, bip bip of the code Morse and strange noises. Also the aeronautical & ship traffic, not to forget my good friends the HAMs.

On the airwaves

In the early 70's, I get my amateur radio license and get a F1 call sign. It's with this great family of friends I learned the technical side of radio (thanks to F2YH & F6CRZ for their precious help). As I have an F1 license, I only work VHF on 144.432 MHZ. At the end of the 70's I moved into a flat in Rueil and put aside amateur radio activities while in school.

Some other Radios

At the end of 70's, I started Dxing on the FM band (88-108 Mhz). It's at this period I started listening to free radio on this band in France. During some holidays I went in Italy to join some friends of **Radio Vintimille International** which broadcast in the direction of the French Riviera to avoid the witch hunt of the French DTI or GPO authorities. I made my debut in broadcasting making programs every night. Later on, for a longer period, I joined another local free radio station called **Radio Caroline FM**. Yes indeed, this one was influenced by the well-known offshore station.

Radio Offshore

I already had heard sometimes about **Radio Caroline** and the DJ, Rosko; but it's only later I discovered the offshore radio world at some meetings in London with the Caroline Move-

radio
Caroline 



ment. There was no ship on the high seas at this time. I met some associated with British free radio: **Anchor Radio, Radio Apollo**, etc. With their help I planned to start my own pirate station in France, and another story was on the way to starting.

The invisible transmitter

In 1981 I was in contact with a guy, Alan Reed, to buy a shortwave transmitter, but no transmitter arrived by the date promised. I was assured the parcel was on the way. The French Post-office were on strike so I was waiting. After two months, I called a friend in London to make an investigation. We discovered that Reed had never built the transmitter and was surely thinking to keep the money for himself. After threats, pressures and negotiations I got my money back but still did not have a transmitter.

In 1983, I contacted "Mr. D" from Ludlow to build the transmitter and during some holidays in early November traveled to the United Kingdom to bring the transmitter back home.

On board the Ross Revenge

As I was in London I got to do a trip on the high seas. **Radio Caroline** on the M.V. Ross Revenge was back on the airwaves for a few months. An appointment was taken at dawn on the Thames's estuary. It was Saturday on a fresh and foggy autumn morning. On board a small fishing boat we left the jetty (all light switches off in obligation to discretion since the DTI didn't like these small trips). We are on the way to the Ross on a typical English Fog. Around mid-day, out of the fog the huge mast was just in front of us. Marvelous! Great! We brought some material and food for the crew. It was not a sure thing that we could come on board, but I was lucky when I climbed the rope ladder to discharge all our

parcels when leaning over the rails were Tom Anderson & Peter Clark.

The sea is calm, the ship didn't move. Tom Anderson welcomed us and we stayed about two hours on board. We saw transmitters, generators, antennas, kitchen, saloon, the newsroom, the discothèque, etc. Peter Clark offered a cup of tea.

A last turn around the bridge and it's time to leave. After some handshakes we return on board our small fishing boat. It's still foggy weather; the engine starts we are on the way back home as the tall mast disappears below the horizon. Of course, our radio set was tuned on 963kHz and on the airwaves Tom Anderson gives us a last goodbye message. The dark night is falling when we arrive at the harbor we left six hours ago .

The transmitter (continued)

The next morning on Saturday with some friends we are on the way to Ludlow (Shropshire) to get the transmitter. On the road we are listening to **Radio Caroline** of course and a few pirate stations; **Radio Jacky** and locally when we arrived around Ludlow the well known "**Sunshine Radio**". After a short visit to Mr D, we went back to the south east of London in the night.

First day on the airwaves

Only a few days following my jaunt in U.K, I've just the time to build and setup an antenna to be ready to switch on the transmitter on the weekend. On Sunday November 13, it's exactly 09h00 UTC when on 6250 kHz I launched **Radio Waves International's** first program starting with a song by E.L.O "All Over The World" followed by a jingle of **RWI**. The transmitter is using a car battery. Later on I built a power supply from the mains.

Only a few days later the firsts listeners' reports arrived.

1984

In March 1984, **Radio Waves International** started its "Relay Service" with **Radio Marabu International**. It was for us an another way to be better known. More than 50 stations from around the world used this Relay Service, which was closed ten years after.

The untrue closedown

It's after a special program at 12h00 on Easter Monday 1994 that I decided to closedown **Radio Waves International**. For which reasons? You surely wants to know! The decreasing activity on the bands of the pirate stations, poor propagation, the lack of listeners reports all contributed. Following the reactions of our listeners and the other fact that I was still infected by the free radio virus, I decided to restart the transmitters of the station on Easter 1995. Why, always this date of Easter? It's on Easter (1964) that **Radio Caroline** started her venture. Easter is always a high activity weekend for free radios and also a long weekend for listeners on the other side. The other reason is the fact we were always receiving country music CDs for review and airplay since 1990 from Canada & U.S.A. Wasn't it an another real pretext to get back on the air?

2003

It's a good year--20 years on the airwaves--even if sometimes it's not easy to do the "A" job for lack of time. We have several priorities—for example, a personal answer to our listeners on a short delay. Also, writing "RWNews", our info-sheet with our CD reviews and news about the station. We listen to all the promo CDs we receive and we an-

swer all the labels or artists writing to us. We also have to generate our play-lists and prepare all the programs.



" On The Highway To Freedom "
Since 1983 on the air.

<http://www.wrwi.fr>

The Website

Before the Internet, we had our own BBS server "Waves & Co" for a few years. Then in July 1996, we opened our web-site available at <http://go.to/rwi> or <http://www.rwi.ht.st> with our email: rwaves@imagnet.fr specially dedicated for the country music and free radio world. Most of the pages are in English but we try to add some information in French. It's a useful tool, easier & quicker with our contacts around the world. We also try to enliven it with regular updates and by adding the "Page Of The Week". "RWNews" is published once a month and the play-lists are updated every two weeks.

On the technical corner

3 transmitters with about a 40 watts HFout-put (valves EL84 and 807)

1 - 48 meters (6275, 6305, etc.)

1 - 41 meters (7373, 7475, 7484 kHz)

1 - 26 meters (11401 kHz).

The antennas are all home made: Inverted "V" dipoles on 41 & 48 meters and horizontal dipole on 26 meters. At the beginning we used a wheel tape recorder from Revox; later on all programs were pre-recorded on tapes C60, C90 & C120.

Detail of the recording studio: a mixer with 6 inputs (ETP), 2 mikes, 2 double tape deck (Memorex), 2 CD players (JVC & Sony), 2 record players (Gemini), and 3 wheel tape recorders.

The crew

There are Philippe & Peter Hills. We also had in the past some guest DJs: Andy Top (Austria), Nick Sharpe & Richard Graham (U.K). We also used some pseudonyms to do programs for other stations: Bruno for **Radio Canzoni**, Tom FM on a Swedish FM or Terry Banks for **Radio Geronimo** and **Radio Argus**.

The CD library has more than 2100 CDs of country music, French music, international pop from the 80's and some rock and roll. There are also a few hundred 33 & 45 rpm vinyl. We don't keep all the tapes of the programs we relayed from 1984 until 1994, but do have a special series of 12 tapes that were produced to retrace the history of the aforementioned "Relay Service".

Anecdotes

In 20 years we only had a few problems with our transmitters. One day a capacitor fully blow up. Another time, two modulator transformers burned into smoke. On another day a stranger came through the private garden to steal a part of a dipole antenna, the balun and the coaxial cable. Only an expert could do that--surely not a ham but perhaps a CB guy. Another burglary happened when I was on

Radio Caroline FM. An unknown person had stolen our FM transmitter but nothing else disappeared--no mixer, no vinyl, no CDs. My personal opinion is that someone only wanted to shut us down, but we got back on the air the next evening with a spare transmitter. In the local newspaper I remember the title of the article: "Who stole Radio Caroline?"

2003 the venture continues

During 2004 our activity on airwaves was reduce due of not enough time and some troubles with our 48 meter band's dipole. Most of the time we operate on the 26 meters band on 11401 kHz. As usual, we didn't miss being on the air during November to broadcast our special birthday programs. In summer 2005, I repaired the 48 meters dipole and so we were back on this band using different channels--6210, 6275, 6305 kHz--depending on other pirates' activities. As our tape recorder left us after a long life, we changed our audio support to using MP3s.

The other work was to produce some special CDs. The first pack of 6 CDs were called "That's FREE RADIO". In each volume you will find 2 hours of recording from the old series of tapes we did 10 years ago retracing the complete story of the station including the "Relay Service" which took place from 1984 until 1994. We added two more hours of recording taking from a lot of other stations and other audio documents about the free radio scene.

The country music library now has over 3500 CDs. Every time we get double copies of CDs we offer them to our listeners--an occasion for them to discover the music we like.

The time is still running very fast. Back in November 2005, we were relayed from Riga with a power of 100KW during 7 hours of

programs to celebrate the 22nd birthday of the station. We got more than one hundred reports via email and snail mail coming from around the world from South America to Japan. Every listener report got a special QSL card and a country music CD.



In June 2007 we were back on the Dutch-Belgium border at the summer meeting on a rainy weekend, the occasion to meet free radio operators, listeners and DXers. It's always a friendly atmosphere with a famous barbecue and some bottles of beer. I was looking for a shortwave transmitter to replace our old ones, and I got some contacts but without result. The materials were already sold out when I decided to buy the equipment.

On October 2007 I went back in north of the Netherlands to pick up a new transmitter. The first tests were made on the following weeks

SHORTWAVE HISTORY

ADRIAN PETERSON'S DIARY

No! Greenland is not for sale! The Early Wireless Scene

During the month of August (2019), the news media in the United States revealed the previously unreported information that President Donald Trump was interested in buying

on the 48 meter band around 6325 kHz with our 24th birthday's programs and around Christmas with special shows. Another year was passing away but just at the corner a new one would start with another big project in our heads. 2008 was the 25th birthday of the station, an event nobody must miss. We moved our channel from 6325 kHz to 7480 kHz in the 41 meter band.

For our 27th birthday we used a new relay in Sitkunia from Lithuania. On every Saturday in November 2010 from 2130 to 2230 UTC with a power of 100 kilowatts, it made us receivable throughout Europe with a strong signal.

In December 2012, we returned to 11401 kHz /26 meters band. After many years we are back on this channel as we have repaired this transmitter with around 30 Watts output.

November 2016

It's our 33rd birthday on the air with special programs. We were on the air on 49, 48 and 26 meter bands. The propagation was not very good. We got reports from Belgium, Germany, Poland, France, Italy and the UK. We have continued to be relayed via radio Channel 292 on 6070 kHz.

the island of Greenland from Denmark. But the sharp response from the Prime Minister of Denmark, Mrs. Mette Frederiksen, stated: "Greenland is not for sale!"

During its long history, the United States has expanded its territories on several occasions by buying land from other countries. In 1803, they bought the territory in mainland North America that came to be known as the Louisiana Purchase from France. In 1867 they bought Alaska from Russia, and during World War I, in 1917, they concluded the purchase of the islands of St. Thomas, St. John and St. Croix from neutral Denmark to form the U. S. Virgin Islands in the Caribbean. So why not make a similar endeavor for Greenland?

In 1868, a document was prepared on behalf of the State Department in the United States regarding the suggested purchase of Greenland, but Congress demonstrated no interest. Then, in 1946, the United States offered Denmark \$100 million for Greenland, but Denmark had no interest. Then as recently as 2001, the influential twice-monthly publication, *National Review*, suggested that the United States should again offer to buy Greenland from Denmark. And now, the recent kerfuffle over the same suggestion once again.

The island of Greenland is the largest island in the world, though one distinguished geographer states that Greenland is actually three separate islands that are closely related geographically. The total land mass extends 1,700 miles north and south, and 650 miles east and west at its widest point.

Most of Greenland is covered with what is called the Greenland Ice Sheet; that is ice, snow and slowly moving glaciers. If all of this congregated ice were to melt, the global sea level would rise, it is calculated, by 24 feet.

The earliest settlers in Greenland were the Eskimo-Inuit people, who began to arrive from Siberia via Alaska and Canada around 2500 BC. The famous Viking traveler and explorer Eric the Red arrived from Iceland with a

contingent of settlers on 14 longships in the year 986, though ultimately their three main settlements at the southern end of Greenland died out, maybe around 500 years later.

The modern era of exploration in Greenland began in 1721 with the arrival of merchants and missionaries from Denmark; and since then there have been anywhere up to a hundred varied explorations of Greenland by parties from Europe, the Americas and Asia. For example, the exploration ship *Effie M. Morrissey* alone made nearly a score of exploratory visits to Greenland during the 20-year era beginning in 1926.

As would be expected, the first usage of wireless and radio in Greenland was associated with exploration, and the ship that carried this particular exploration party was the *Bowdoin*. On April 9, 1921, the 88 ft. long schooner *Bowdoin* was launched from the Hodgdon shipyards at East Boothbay in Maine in the United States.

This heavily reinforced wooden ship was designed for frigid northern exploration by Arctic explorer Captain Donald B. MacMillan, and it had a steel nose for ramming icebergs at sea. Though the *Bowdoin* was equipped with sails, yet it was also loaded with a marine engine, and an oversize rudder to enable the ship to make quick turns.

In July (1921), MacMillan set out for his first exploration trip into the Arctic in his brand new ship, the *SS Bowdoin*, named in honor of the college in Brunswick, Maine where he had previously obtained his graduate education. This voyage took them to Baffin Island, the large Canadian island that lies next to Greenland.

However, that preliminary expedition took them along the western edge of Baffin Is-

land; that is, between the Canadian mainland and Baffin Island, and not between Baffin Island and Greenland itself. On that occasion, preliminary wireless equipment had been installed on the ship, though they had no success in their longwave transmissions. The subsequent report from the expedition stated that the main problem was electrical interference up in the auroral zone. So, the world's first wireless experiments at the top of the world in the Arctic met with a dismal failure.

The next MacMillan expedition to the Arctic, and to Greenland in particular, set out from Wiscasset, Maine aboard this same Bowdoin in June 1923, with wireless equipment made available by Zenith Radio in Chicago. The call sign WNP was conveniently utilized to mean rather appropriately Wireless North Pole.

The transmitter was a 500 watt unit operating in Morse Code on 1365 kHz, and the Wireless Operator was Donald Mix, W9AT, from Bristol, Connecticut. The first choice as Wireless Operator for this Greenland expedition fell to the famous No. 1 amateur radio operator in the United States, Don Wallace, 6AM, but he was unable to accept because his son, Billy, was still an infant.

The antenna system on the Bowdoin was a 4 wire flat top, 52 feet long. Each week, Donald Mix sent a 500-word newspaper report to the United States in a specially designed secret code. This 1923 usage of radio was the first successful radio transmission from the Arctic.

Every Thursday evening at midnight, the Zenith medium wave broadcasting station, WJAZ, at the Edgewater Beach Hotel in Chicago, transmitted a summarized news bulletin for the benefit of the men aboard the good ship Bowdoin. Some say that this Chicago radio station, WJAZ, was launched specially for communication with the MacMillan exploration party in Greenland.

However, the once a week midnight broadcasts from Chicago were on the air under a special experimental call sign, 9XN, not the broadcast call sign WJAZ. (A similar call sign, 9ZN, was the amateur call sign of Eugene McDonald, one of the early founders of Zenith Radio, though it was also used at times in Zenith communications.)

There were two ships in the 1925 MacMillan Expedition to Greenland, once again the auxiliary Schooner Bowdoin with the call WNP, and a former Canadian minesweeper, the cargo holder SS Peary, with the call sign WAP. The letter P in the three letter call sign WAP, does seem to have reference to the ship Peary. The Zenith transmitter aboard the Peary was a 1 kW unit, which was noted in the United States in the 8 MHz range.

The call sign for the Bowdoin in 1931 was a regular four letter call sign, WDDE; and in February 1938, the Bowdoin was noted with a radio broadcast to the United States on 4800 kHz. QSL cards were regularly issued for the radio transmissions from the several MacMillan expeditions to Greenland.



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.

Listener's Notebook

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

Times are UTC and frequencies in kHz.

AFGHANISTAN Winter B-19 SW schedule of Radio Afghanistan External Service:

1530-1730 on 6100 YAK English/Urdu/Arabic/Russian
(DX Mix-Bulgaria)

ALASKA Frequency change of KNLS The New Life Station from December 18:

1000-1100 NF 9715 NLS Chinese tx#1, ex 9665
(DX Mix-Bulgaria)

ALBANIA Active frequencies of China Radio International via Cerrik:

1500-1557 on 9565 Turkish
1600-1757 on 5970 German
1600-1757 on 7380 German
1800-1957 on 7360 French
1800-1957 on 7385 French
2000-2157 on 7285 English

2200-0357 CRI via Cerrik, please check: active or inactive

2200-2257 on 6175 Portuguese
2200-2357 on 7210 Spanish
2300-2357 on 6175 Spanish
0000-0157 on 6020 English
0000-0157 on 9570 English
0200-0357 on 6020 Chinese
0200-0357 on 9570 Chinese
(DX Mix-Bulgaria)

At 0820 Dec 15 no transmission on air from CRI European relay site at Cerrik, not 11785

En, nor 11855 Chinese, both scheduled to 08.57 daily. Probably suffered severe earthquake damage? Recently. (wb df5sx, wwdxc BC-DX TopNews Dec 15)

ANGOLA 4950, Radio Nacional at 0221 Portuguese, with music, male announcer talking about music. Poor, Dec. 6. (Harold Sellers-BC/DXplorer)

ANTARCTICA 15476, LRA36 Radio Nacional Arcangel San Gabriel, Base Esperanza, F/D e-QSL about their 40th anniversary broadcast on 20th October 2019, in 14 days. (Manuel Mendéz-Spain/DX Fanzine)

ARMENIA Reception of Iran International TV on December 16:

from 0730 on 11560 ERV Farsi, fair/good
from 1430 on 6270 ERV Farsi, weak/fair
(DX Mix-Bulgaria)

7550, TWR-India at 1514 in Hindi, at 1529:45 IS and 1530 s/on in English (sked 1530-1600 Sat/Sun) with "You are listening to T-W-R, Trans World Radio." and introduction to "Wonderful Words of Life" program. Fair, Dec. 14. (Harold Sellers-BC/DXplorer)

AUSTRALIA Reception of Reach Beyond Australia RBA in 25/31mb on December 9:

1315-1330 on 11865 KNX English Mon/Wed/
Fri, fair
1315-1330 on 9610 KNX Telugu Mon/Tue/
Thu/Sat, good
(DX Mix-Bulgaria)

Reception of Reach Beyond Australia RBA in 25mb on December 16:

1200-1230 on 11945 KNX English Daily, good signal

1315-1330 on 11865 KNX English Mon/Wed/Fri, good

(DX Mix-Bulgaria)

5055, Radio 4KZ, 1121-1131 & 1220-1239*, Dec 10. Yesterday was blocked by OTH radar, but clear today; strong enough to be able to ID some songs (The Stylistics with "You Make Me Feel Brand New," America - "A Horse With No Name" and Xmas song "Jingle Bells"); cut off time is getting earlier and earlier (1241* back on Nov 25). (Ron Howard-CA) 5055, Radio 4KZ, 1238:36*, Dec 24. Mostly pop songs; very poor reception. (Ron Howard-CA)

BANGLADESH 4750, 1745, Bangladesh Betar s/on strong w/theme music & anncts, some EE words heard but audio badly distorted and largely unreadable, 17/11. (Bryan Clark-New Zealand/New Zealand DX Times) 4750even BGD Betar Bangladesh Shavar. Came across of BGD signal around 12.58-13.00 UT in remote SDR rx at Delhi. S=9+35dB powerhouse, much much over-modulated, I guess the BGD technicians KILL the Thomcast TX at Dhaka Shavar soon, and after final annmt at 1300 heard powerful BUZZ on 150, 250, 350 ... Hertz peaks distance, as well as powerful 1 kHz distance either sideband visible - test tone continuously. (wb df5sx) when checked at 1545 same 1000 Hertz test tone heard on 4750 again (wb df5sx, wwdxc BC-DX TopNews Nov 14) 4750, Bangladesh Betar - Home Service, 1113-1123, Dec 19. QRM from CODAR and CNR1; recently have occasionally heard the home service here, before they start the external service at 1230; playing subcontinent music. (Ron Howard-CA)

BHUTAN 6035, BBS, 1046-1100, Dec 16. A rare day with an extended broadcast; pop songs (The Doobie Brothers - "Listen to the Music," etc.); 1100 into the news in English. (Ron Howard-CA) 6035, BBS, 1020-1024*, Dec 19. In English (unreadable) till cut off; continuing with their early closing down time. (Ron Howard-CA) 6035, BBS, Dec 24, noted 1038*, cut off in mid-sentence in English (unreadable). Dec 25, with indigenous chanting and singing, 0057-0100; at 0100 and again at 0115, with the BBS signature theme music used between segments; 0100-0115, seemed to be announcer with probably the news? (Ron Howard-CA) 6035, BBS, 0126-0134, Dec 26. Yesterday (Dec 25) they were already on the air at 0057, but today they were late; started sometime between 0118-0126; indigenous music/chanting/singing. Nice gray-line reception! My local sunset was at 0057 and Thimphu local sunrise was at 0049. (Ron Howard-CA)

BOLIVIA 3310, Radio Mosoi Chaski, P/D e-mail verification in 8 days. Report in Spanish sent to: radiomosojchaski@hotmail.com. V/S: Andrés Quenaya, Station Manager. (Leonard Santiago-Venezuela/DX Fanzine)

6134.82, R. Santa Cruz, Santa Cruz. An earnest interview at 0748, ballad or possible gospel song at 0751. I returned at 0815 and heard Bolivian pops. Weak signal. No sign of Aparecida Brazil on 6135.1. Nov 21. (Rob Wagner-Australia, ARDXC ADXN magazine Dec 2019 on Dec 4/TopNews)

BOTSWANA Frequency change of Voice of America in Hausa from December 6:

0700-0730 NF 15165 Hausa, ex 11720, re-ex 15175 (DX Mix-Bulgaria)

4930, VOA at 0259 with "This is the Voice of America, Washington, DC, signing on.", Yankee Doodle, ID repeated and at 0300 "This is VOA News." - Poor, Dec. 6. (Harold Sellers-BC/DXplorer)

BULGARIA Reception of Radio Dabanga via SPL Secretbrod on December 13:

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

5900, QSL Radio Taiwan International via SPC-NURTS Spaceline Ltd. Sofia Kostinbrod Bulgaria relay site - received two identical QSL cards from German and Russian RTI services for reception on November 8 and 9 at a frequency of 5900 at 19 and 17 hours, respectively. QSL Theme: RTI's 90th anniversary. Both envelopes were sent from Taipei on November 20, received on December 11, 2019. (Konstantin Barsenkov, St. Petersburg, Russia, "deneb-radio-dx" via RUSdx #1059 via wwdxc BC-DX TopNews Dec 15)

CANADA 6030, CFVP — still off the air on December 7. (Harold Sellers-DC/DXplorer)

CHINA Frequency changes of CNR-1 in DRM mode registered in HFCC:

0000-0400 NF 9420 QIQ Chinese, ex 13850
0400-1000 NF 7360 QIQ Chinese, ex 11990
1000-1200 on 13710 QIQ Chinese, ex 09-12
(DX Mix-Bulgaria)

Frequency change of CNR-1 in DRM mode registered in HFCC:

1000-1200 NF 9870 QIQ Chinese, ex 13710
(DX Mix-Bulgaria)

6060 // 7225, PBS-2 Sichuan, at 1300, Dec 10. Usual multi-language IDs - "Sìchuān mínzú guǎngbò, Sichuan Ethnic Radio"; almost fair,

playing indigenous songs. (Ron Howard-CA) 6060, received e-QSL for reception. Sichuan Radio & TV Station - Minority Service? via Chengdu, in Chinese. Report was sent to: crieng@cri.com.cn. Received e-QSL for reception. Xinjiang Radio & TV Station? 7205 via Urumqi, in Uyghur. Report was sent to: yinglian@cri.com.cn. (Ivan Zeleny, Nizhnevartovsk, Khanty-Mansky Autonomous Area, Russia, via RUSdx #1059 via wwdxc BC-DX TopNews Dec 15)

CHINA (TIBET) 6025.0, Xizang PBS via Lhasa, 0101, Dec 26. Looking for UNID on 6024.95, which was unheard; instead found clearly // 4905 // 4920 // 6200. (Ron Howard-CA)

CLANDESTINE London-based Iran International TV on SW and MW: A relay of this London-based, Persian language satellite TV station, has been heard on SW and MW since around 20 November. It is using two SW frequencies, which are varying to avoid jamming from Iran:

0400-1200 on 11560v varying to 11590v

1200-0400 on 6210v varying to 6270v. The two SW frequencies are through to be relayed from Yerevan or Tashkent. It is also heard on MW 1395 via Armenia. Iran International TV is regarded as a hostile broadcaster by the Islamic Republic of Iran which is jamming the SW frequencies with either a high pitched tone or bubble jamming, or sometimes a relay of IRIBs Arabic service. Both stations are playing "cat and mouse" and varying their frequencies from day to day. (Observations by Tony Rogers, Mauno Ritola WRTH, Ivo Ivanov-Bulgarian SW Blog, Wolfgang Bueschel, Dave Kenny 20 Nov-1 Dec/British DX Club)

Manara Radio Int. via TDF Issoudun December 2:

0700-0800 on 13710 Hausa, good
(DX Mix-Bulgaria)

Reception of Voice of Oromo Liberation via
MBR Nauen December 6:

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

Reception of Voice of Oromo Liberation via
MBR Nauen December 4:

1700-1800 on 9610 Afan Oromo Wed, good/
very good
(DX Mix-Bulgaria)

Voice of Eritrean Lowland via Issoudun, No-
vember 30:

1700-1730 on 11875 Arabic Sat, good
(DX Mix-Bulgaria)

Reception of Voice of Oromo Liberation via
MBR Nauen December 1:

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

No signal of Voice of Martyrs via RRTM Tele-
com Tashkent December 4:

1530-1600 on 7630 TAC Korean, new fre-
quency or canceled
(DX Mix-Bulgaria)

Frequency change of Voice of Martyrs via
Tashkent on December 6:

1530-1600 NF 7530 TAC Korean, weak/fair
signal, ex 7630
(DX Mix-Bulgaria)

Frequency changes of Shiokaze Sea Breeze
from December 6:

1300-1400 NF 6145 YAM, ex 6085 and 2nd
freq. same time NF 7245 YAM, ex 7310
is as follows:

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

1330-1400 Korean Wed/Fri/Sat/Sun; Japa-
nese Mon/Tue; English Thu

1600-1700 NF 5955 YAM 300 kW / 280 deg
to NEAs, ex 6095 and 2nd freq. same
time NF 6020 YAM, ex 7325 is as fol-
lows:

1600-1630 Japanese Mon/Tue/Sat/Sun; Ko-
rean Wed/Fri; English Thu

1630-1700 Korean Wed/Fri/Sat/Sun; Japa-
nese Mon/Tue; English Thu

(DX Mix-Bulgaria)

Frequency changes of Furusato no Kaze via
Shiokaze from December 6:

1405-1435 NF 6070 YAM Japanese Daily, ex
7260

1405-1435 NF 6095 YAM Japanese Daily, ex
7325

(DX Mix-Bulgaria)

Denge Welat via TDF Issoudun in 25/31mb,
December 10:

1500-1659 on 11540 Kurdish, very good

1700-1959 on 9525 Kurdish

(DX Mix-Bulgaria)

New frequencies of BRB Denge Welat on De-
cember 17:

0600-0700 NF 11530 KCH Kurdish, ex 11540

0700-0800 NF 11530 KCH Kurdish, ex 15175
from 0800 NF 13730 KCH Kurdish, ex 15175

until 1300?

(DX Mix-Bulgaria)

Updated schedule of BRB Denge Welat, December 17:

0330-0459 on 7350 ISS Kurdish unchanged
0500-0559 NF 11530 ISS Kurdish, ex 11540
0600-0700 NF 11530 KCH Kurdish, ex 11540
0700-0800 NF 11530 KCH Kurdish, ex 15175
0800-1200 NF 13730 KCH Kurdish, ex 15175
1200-1300 NF 11530 KCH Kurdish, ex 15175
1300-1500 NF 11530 KCH Kurdish, ex 11540
1500-1659 NF 11530 ISS Kurdish, ex 11540
1600-1700 on 9525 ISS Kurdish additional
1700-1959 on 9525 ISS Kurdish unchanged
2000-2200 on 9525 KCH Kurdish unchanged

TRT Radio Recep Erdoğan is also on NF 11530 and 13730, BUT in various times from EMR 500 kW / 105 deg to WeAs Turkish-very weak (DX Mix-Bulgaria)

More frequency changes of Denge Welat December 18:

0330-0500 NF 7360 ISS* Kurdish, ex 7350
0500-0559 NF 7360 ISS* Kurdish, ex 11540

*unregistered in HFCC, 08-12 other new 13730 also unregistered!

Radiowar between BRB Denge Welat and TRT Recep Erdoğan continues:

1200-1500 on 11530 KCH Kurdish BRB, fair
1200-1500 on 11530 EMR Turkish TRT, weak
(DX Mix-Bulgaria)

New updated winter shortwave schedule of BRB Denge Welat via TDF Issoudun and MDA Grigoriopol:

0330-0559 on 7360 ISS Kurdish
0600-0800 on 11530 KCH Kurdish
0800-1200 on 13730 KCH Kurdish
1200-1500 on 11530 KCH Kurdish
1500-1659 on 11530 ISS Kurdish

1600-1959 on 9525 ISS Kurdish
2000-2200 on 9525 KCH Kurdish

Please note: 11530 & 9525 both via Issoudun 1600-1659. (DX Mix-Bulgaria)

BRB Denge Welat via TDF Issoudun in 25/31mb on December 23:

1500-1659 on 11530 ISS Kurdish, very good signal
1600-1959 on 9525 ISS Kurdish, very good signal
(DX Mix-Bulgaria)

BRB Denge Welat & TRT Radio Recep Erdoğan, December 23:

1200-1500 on 11530 KCH Kurdish BRB, fair signal
1200-1500 on 11530 EMR Turkish TRT, weak signal
(DX Mix-Bulgaria)

Radio Ndarason Int via ENG-DMS Woofferton on December 10:

0600-0700 on 9535 Kanuri, good signal
1800-1900 on 9635 Kanuri, weak to fair
(DX Mix-Bulgaria)

Dimtse Radio Erena via SPL Secretbrod on December 23:

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

9670, Radio Dap Loi Song Nui [non-log], on Dec 9, 1230+, heard no Vietnamese announcers here from the clandestine station; scheduled 1230-1300; carrier noted at 1226 (who? - Vietnam jamming or DLSN?); at *1232, start of siren jamming from assume Vietnam; in the past was always able to make out some audio from DLSN, but not today. (Ron Howard-CA)

EGYPT The World Radiocommunication Conference 2019 (WRC-19) has concluded in Egypt. The 3300 delegates considered many aspects of radio including several that will affect our hobby (amateur radio). Perhaps the biggest news is that the conference has approved an allocation in the 50 MHz band for amateurs in Region 1. The Amateur Service now has a baseline Secondary allocation of 50-52 MHz in the main ITU Allocation Table for Region 1. A total of 44 named Region 1 countries will now have a Primary allocation in all or part of the 50-54 MHz band. You can find full details on this, and all of the WRC-19 outcomes that affect amateur radio, at rsgb.org/wrc-19 and on the RSGB social media channels. (Mike Terry-UK, British DX Club -UK newsgroup)

ENGLAND FEBA Radio / Radio Sama via ENC-DMS Woofferton on December 5:

0800-0830 on 15260 WOF Arabic, very good signal
(DX Mix-Bulgaria)

Reception of FEBA Radio Radio Sama via ENC-DMS Woofferton, December 10:

1615-1617 on 9515*test transmission, very good signal

1730-1900 on 9515*Arabic/Tigre/Fur/Arabic-fair signal

* co-ch same 9515 KIM Korean KBS World Radio, weak signal (DX Mix-Bulgaria)

ESWATINI (FORMERLY SWAZILAND) Good signal of Trans World Radio Africa, December 13:

1802-1832 on 9500 MAN English Mon-Fri
(DX Mix-Bulgaria)

FRANCE Unscheduled time/frequency of Radio France International December 4:

1215-1305 on 11700 ISS open carrier / dead air

1305-1336 on 11700 ISS French, very good & off air
(DX Mix-Bulgaria)

GERMANY New updated schedule of Shortwave Radio in 75/49mb from December 1:

0900-1800 on 3975 WIS 1 kW English Daily,
ex 0900-2200

2100-2400 on 3975 WIS 1 kW English Daily,
ex 0900-2200

0900-1500 on 6160 WIS 1 kW English Daily,
ex 0900-1800

(DX Mix-Bulgaria)

Radio City "The Station of the Cars" will be on air via Channel 292. This is as a replacement for the programmes we used to transmit the 4th Saturday of the Month via Hamburger Lokalradio. During December we will transmit every Saturday. Starting in January we will be on the air the 4th Saturday of the Month as follows:

1100-1200 on 6070 ROB 010 kW German 4th
Sat, fair December 7

(DX Mix-Bulgaria)

Winter B-19 shortwave schedule of Deutsche Welle, various transmitter sites:

0630-0700 on 7220 SAO Hausa

0630-0700 on 9570 ISS Hausa

0630-0700 on 9830 ISS Hausa

1000-1100 on 15275 MDC Swahili

1000-1100 on 17710 MDC Swahili

1300-1400 on 9830 SAO Hausa

1300-1400 on 11980 SAO Hausa

1300-1400 on 17800 ISS Hausa

1425-1630 on 15195 ISS Hausa Sat Bundesliga

1425-1630 on 15320 ISS Hausa Sat Bundesliga

1600-1700 on 11995 ISS Amharic
1600-1700 on 13775 ISS Amharic
1800-1900 on 9570 ISS Hausa
1800-1900 on 9785 ISS Hausa
1800-1900 on 9830 SAO Hausa
(DX Mix-Bulgaria)

Reception of HCJB Voice of The Andes via
MBR Nauen, December 21:

1529-1629 on 9500 Russian/Chechen Sat,
fair/good
(DX Mix-Bulgaria)

Hamburger Radio. Unfortunately, our col-
league, friend and radio manager Michael Kit-
tner died last Friday! For this reason, it will
for the time being also no further broadcasts
of our program on shortwave! What the fu-
ture holds, I cannot say at the moment - only
so much, that our Hamburg local radio has
to restructure completely, because Michael
Kittner was, so to speak, the main player in
things producing broadcasting material. I
ask on behalf of the entire staff of our trans-
mitter understanding that the priorities are
currently different! With friendly greetings
from Hamburg! Peter Maiwald (Acting Pro-
gram Manager) (via Roger Thauer-D, A-DX Nov
8 / 16 via WWDXC/New Zealand DX Times)

GUAM 15200, KTWR, F/D e-QSL card in 11 days
for a 2008 follow up reception report and mp3
of Sudanese and Javanese programs sent to:
asiafeedback@twr.org. V/S Denice Gregson.
Finally a response after many attempts via
both, snail and electronic, mail! Almost 12
years after my reception during a DX Camp in
Barinas city! (Leonardo Santiago-Venezuela/
DX Fanzine)

HOLLAND New frequency of Brazilian Radio
Onda ASBL registered in HFCC on December 6:

0000-2400 NF 5940 MRT 001 kW Portuguese,

ex 6060, but inactive. Other stations on 5940
are Radio Voz Missionaria and Telediffusion
d'Algerie. (DX Mix-Bulgaria)

INDIA The schedule for AIR Trivandrum on
5010 is:

5010 0020-0205 1130-1740
7290 0230-0930 (Sat, Sun 1030)
(Jose Jacob, VU2JOS-India/DX India)

Frequency change of All India Radio, regis-
tered in HFCC:

1215-1330 NF 9450 BGL Tibetan, ex 9575
(DX Mix-Bulgaria)

Reception of Voice of Kashmir in 49mb on
December 6:

1428-1528 on 6030 DEL Kashmiri, weak
(DX Mix-Bulgaria)

4810, 1739, AIR Mumbai fair in Hindi // 4800
Hydrabad (blocked by strong China). Closed
1741 on 17/11. (Bryan Clark-New Zealand/
New Zealand DX Times)

5010, AIR Trivandrum is noted back. Howev-
er the day time freq of 7290 is not heard. It
was noted on 7315 day by Mr. Brijesh Pook-
kottur yesterday (Dec 1). (Jose Jacob, VU-
2JOS-India/DX India) I heard it today (Dec 2)
via Colombo S20 poor audio. (Zacharias Lian-
gas-Greece/DX India)

5040, AIR Jeypore, 1120+, Dec 18. Live cover-
age of the West Indies vs India cricket match
played at Vishakapatnam, India; normally
starts broadcasting at *1130, just after brief
AIR IS, so today's match coverage started
earlier than normal; as usual was in both En-
glish and Hindi, but what was highly unusual
was that one of the announcers was a YL,
which in the past, I believe, was an exclu-

sively all male activity for AIR. Fortunately now that Vanuatu has settled into their 1059* schedule (noted the last two days), there is no conflict between the two. (Ron Howard-CA) 5040, AIR Jeypore, *1128, Dec 24. AIR IS. (Ron Howard-CA)

9445, AIR at 2043 in Hindi, 2045 interval signal till 2047 English, with ID and frequencies. This was the only listed channel I could hear. Poor, Dec. 7. (Harold Sellers-BC/DXplorer)

9450, AIR Tibetan Service at 1215-1330 has changed frequency from today (Dec 2) ex. 9425. (Jose Jacob, VU2JOS-India/DX India) 9450, AIR Tibetan service via Bengaluru, 1212+ UTC, Dec 9, ex: 9425. Thanks very much to Jose Jacob for the change of frequency info. Severe transmitter problems; tuned into open carrier; 1215, very brief AIR IS and a few words spoken before they went off the air; *1218, came back again, only to cut off at 1220*; same problem going on when last checked at 1239; good signal strength. (Ron Howard-CA)

INDIA (KASHMIR) 4950.0, AIR Srinagar, 0135-0217*, Dec 26. Noted three segments of reciting from the Qur'an; best in USB, to get away from Angola on the low side. (Ron Howard-CA)

INDONESIA Winter B-19 shortwave schedule of Voice of Indonesia:

1000-1100 on 3325 PAL English
1100-1200 on 3325 PAL Chinese
1200-1300 on 3325 PAL Japanese
1300-1400 on 3325 PAL English
1400-1500 on 3325 PAL Indonesian
1500-1600 on 3325 PAL Dutch
1600-1700 on 3325 PAL Arabic
1700-1800 on 3325 PAL Spanish
1800-1900 on 3325 PAL German
1900-2000 on 3325 PAL English
2000-2100 on 3325 PAL French
(DX Mix-Bulgaria)

IRAN VIRI's German Service has announced that "According to the new broadcasting strategy of ParsToday, the German programme will be aired on shortwave only until 21 December 2019 - the end of the current Iranian month of Azar. In line with the new guidelines, ParsToday's German programme will focus on the Internet in future. We will dedicate ourselves to our website and a presentation of our programmes as a podcast. More details about new ways to receive our programmes will be announced in the coming days." (VIRI German service via WB 26 Nov/British DX Club) VIRI German service is currently on SW at 1720-1820 on 7295 & 6090. Possibly some other Iran external services may drop SW from 21 December, details are subject to confirmation. (Dave Kenny-UK/British DX Club) Spanish is also rumored to end at 31 December. (RAD)

From Ivo - 6270 is Iran International TV audio 1200-0400 several days on this frequency, instead of 6230/6220/6210. And daytime frequency is 11560 0400-1200 several days on this frequency, instead of 11590/11570. (Ron Howard-CA/Shortwave Bulletin)

IRELAND 6205, Laser Hot Hits, English Service, received full data colour e-QSL in 15 days from laserhothits@hotmail.com for e-mail reception report to: studio@laserhothits.co.uk. (Bernd Henning-Germany/Worldwide DX Club)

KOREA (NORTH) 3219.921, per Wolfie (listed 15 kW) // 3959.0 (listed 15 kW) // 2850 (listed 50 kW), 1245, on Dec 9. First two stations were weak, but nicely above threshold level audio, while 2850 was very strong. Recently have noted these lower powered stations daily with some audio. Thanks to Wolfie for his extensive survey of Korean stations. Very helpful. (Ron Howard-CA)

KOREA (SOUTH) Frequency change Voice of Freedom VOF December 19:

0300-0800 NF 5920 HWA Korean, ex 6045
0900-1400 NF 5920 HWA Korean, ex 6045
1500-2000 NF 5920 HWA Korean, ex 6045
2100-0200 NF 5920 HWA Korean, ex 6045
(DX Mix-Bulgaria)

Echo of Hope - VOH with their usual weekly changes made on Monday. Last Monday (Dec 9): 3985 // 4890 // 6000 // 6255 // 6355 // 9105. This Monday (Dec 16): 3990 // 4885 // 6000(?) // 6250 // 6355 // 9100. (Ron Howard-CA)

Voice of Freedom, new 5920, on Dec 24, from 1158+. Strong, unjammed signal, making for good reception; this was due to the heavy N. Korea jamming still being on ex 6045. Now is the time to catch VOF in the clear! (Ron Howard-CA)

KUWAIT Radio Kuwait Farsi & Arabic GS on unscheduled frequencies December 4:

0800-0805 on 15530 KBD Farsi, after English 05-08

1200-1205 on 17760 KBD Arabic, after Filipino 10-12. Something's always wrong at Radio Kuwait Kabd Sulaibiyah transmitting station (DX Mix-Bulgaria)

Radio Kuwait General Service on wrong frequency in DRM mode, December 8:

0945-1330 NF 15529.7 KBD Arabic DRM, instead of 15109.7!

1000-1200 on 17760.0 KBD Filipino NOT ON AIR / DRIFTING? (DX Mix-Bulgaria)

LUXEMBOURG The BCE Luxembourg Broadcast Centre at Junglinster made a surprise but welcome return to SW on 6030 for the

Eifel radio days on 9-10 November. Power was 1 kW using the old directional antenna at 55 degrees (radiated power approx 20 kW). This was for the Eifel radio days see www.eifeler-radiotage.de (Christian Milling ADX, Allen Dean-UK) Transmitter operator BCE will QSL reports which can be sent to eugeue_muller@bce.lu. (British DX Club)

MALAYSIA 9835, Malaysia RTM reported back on 9835, Sarawak FM, received eQSL PDF file in 15 hours. EQSL has been received for reception report sent to: pnk_rtmkajang@rtm.gov.my. (Manuel Mendes HCDX 26 Nov/British DX Club) 9835, Sarawak FM, via Kajang, 1353-1405*, Dec 24. In vernacular with pop songs; 1400-1405, with the news; suddenly cut off after singing jingle. (Ron Howard-CA)

11890, Radio Nyawa Sarawak (site?), 1131, Dec 2. Had recently been checking this new Mon-Wed-Fri broadcast without any success that is until today; above threshold level audio; poor reception, with CODAR QRM; 1131-1147, phone interview in vernacular; 1147 till suddenly cut off at 1158*, with indigenous chanting (no music); no sign off announcement. One of the presenters today was Peter John Jaban. It will be recalled that he was a co-founder of Radio Free Sarawak (RFS), as well as a DJ/presenter on RFS. He is a human rights activist. (Ron Howard-CA) Quick response to my reception report sent today (Dec 2), which included link to my audio file. Sent to and eQSL received from: "Info Nyawa Sarawak <info@radionyawasarawak.org>": "Thanks for getting in touch! Glad you received us loud and clear and that you were an avid listener of Radio Free Sarawak back in the day! We don't have QSL cards as such but hope you accept this message as an adequate response from us". (Ron Howard-CA) Noted at 1100 at poor to just fair level by ye Editor (John Durham/New Zealand DX Times) 11890, Radio Nyanwa Sarawak is strong to local in

Indonesia and Philippines but is poor in Australia. (Zacharias Liangas-Greece/PlayDX)

MALI China Radio International via Bamako is on air December 7:

1400-1557 on 17630 English, fair to good // frequency 13685 BKO English, strong co-ch till 1425 on 13685 EMR Uyghur Voice of Turkey (DX Mix-Bulgaria)

MOLDOVA (PRIDNESTROVIE) TWR South Asia - Changes in broadcast from Radiotelecentr (PRTC) transmitter Grigoriopol Maiac. Due to interference experienced from IRIB Sirjan 500 kW broadcast on 7530 at 1520-1620 in English, TWR has moved from 7535 to 7590 as of 14th November 2019. 1600-1630 on 7590 Sun - Sat in Urdu. (Andrey Molokov-Russia via Anatoly Klepov-RUS, RUSdx #1056 via wwdxc BC-DX TopNews Nov 24)

Pridnestrovye QSLs. Martin Cowin writes "I sent a reception report for a Radio Denge Welat broadcast, heard April this year, to the transmission site, kch (Moldova) - Pridnestrovsky Radiotelecentr, via the email address prtc@idknet.com. The following day I received the following: "We inform you that at the request of the owner we stop correspondence with radio observers. Thank you for understanding. Administration of Pridnestrovsky Radiotelecentr". I had seen Pridnestrovsky Radiotelecentr QSLs online, but sadly it seems their door (or postbox!) is now closed to Dxers. Hope that information is of interest. (Martin Cowin-UK/British DX Club)

Trans World Radio India via Grigoriopol on December 9:

1345-1400 on 9950 Marwari Mon-Wed, fair (DX Mix-Bulgaria)

MONGOLIA Voice of Mongolia, Ulaanbaatar 12085. Nov 10, 2019. 0900-0912, in English. IS and ID; Woman presents news; 0905 A song. Barely audible reception, 25411. (Via HCDX Jose Ronaldo Xavier-Brazil/New Zealand DX Times)

The Voice of Mongolia is a very nice station and their Mailbag editor Densmaa Zorig is very keen on contacts with listeners. When perusing my old log book from the late 1940's a couple of months ago, I stopped at Radio Ulanbator heard on 8400 several times late 1949 and early 1950. I never got a verification, in spite of good reception reports. Now I sent a follow-up and today arrived a letter with three different old (yellowish!) QSL cards from Radio Ulanbator and a modern card for a fresh report on the Voice of Mongolia. These QSL's confirm my reception 57 YEARS AGO! I just wonder if anybody beats the record. You can imagine my feelings of pride and pleasure! The Voice of Mongolia will remain one of my favourites, not only because of this but also due to nice programs and excellent communication with DXers. (Ullmar Qvick via Svensk DX-historia/Short-wave Bulletin)

4895, Mongolian Radio (presumed), 1002 & 1104, Dec 24. Prominent carrier with no modulation; mixing with CODAR; some Voice of Strait (China) QRM from 4900. (Ron Howard-CA)

MYANMAR 5915, Myanmar Radio. Here is something that maybe of interest. 5915 is noted some mornings with Myanmar Radio doing well against CRI (in Russian/Chinese). When you check 5985 & 7345, may help to also look at 5915. (Ron Howard-CA)

7345, Thazin Radio, still on at 1410, Dec 24. Suspect that the new sign off time is 1430* (ex 1330*), but didn't stay around to confirm; usual CNR1 QRM. (Ron Howard-CA)

NEW ZEALAND 6170, RNZI at 1557 with a talk about financial payments to prison inmates, 1600 ID and into news. Is this a move from the listed 6115? Very good, slight QRM from Voice of Korea signing on in German, Dec. 14. (Harold Sellers-BC/DXplorer)

NIGERIA Voice of Nigeria needs reception reports. Current broadcasting schedule is: 0600-1100 on 7255 in AM, 1500-2100 on 11770 in AM and 1500-2100 on 15120 in DRM. Please tune in and listen to Voice Of Nigeria. Please send your listener reports to: Head Of Engineering Engr. Jerimoth Canice, Voice Of Nigeria Headquarter, Oda Cres, Wuse 2, Abuja, Nigeria Africa jerrycanice@yahoo.com our listener reports are highly appreciated and help to keep transmitting from here. (via Harald Kuhl-Germany, BrDXC-UK newsgroup Nov 30/TopNews)

OMAN Reception of Radio Sultanate of Oman RSO in 19mb, December 21:

1001-1401 on 15145 THU Arabic, fair signal (DX Mix-Bulgaria)

PAPUA NEW GUINEA 3260, R. Madang, Madang. Tok Pisin. Good. Strong signal but muffled audio not helped by local thunderstorm activity. Female announcer playing soft pop and country tunes (Dolly Parton). At 1130 on Nov 24. (Phil Brennan-Australia; ARDXC ADXNx Dec 2019)

PAPUA NEW GUINEA (BOUGAINVILLE) 3325, NBC Bougainville, random listening on Dec 16. DJ in Pidgin with dedications, playing pop songs 1132+; 1201-1208, news in English; running well past their usual cut off time; still on at 1237, with phone conversation; better reception than normal. (Ron Howard-CA) 3325, NBC Bougainville, on Dec 24, off the air when checking after 0955+; so yet another day with audio. (Ron Howard-CA)

PIRATE (EURO) 6220, Laser Hot Hits, very disappointing e-mail without any verification from Nigel James and e-sticker in 2 days. First reply after many attempts for a 2017 follow up reception report and mp3 sent to: laserhothits@hotmail.com. (Leonardo SantiagoVenezuela/DX Fanzine)

6325, Radio Pandora, F/D QSL card and handwritten letter in 10 days. E-mail: pandoraradio@hotmail.com. (Roberto Pavanello-Italy/DX Fanzine)

PHILIPPINES 15580, FEBC, eQSL in 27 days. E-mail: norie.estabillo@febc.ph. (Ivan Zelenyi-Russia/DX Fanzine)

PROPAGATION Solar Minimum is becoming very deep indeed. Over the weekend (Dec 14/15), the sun set a Space Age record for spotlessness. So far in 2019, the sun has been without sunspots for more than 270 days, including the last 33 days in a row. Since the Space Age began, no other year has had this many blank suns. The previous record-holder was the year 2008, when the sun was blank for 268 days. That was during the epic Solar Minimum of 2008-2009, formerly the deepest of the Space Age. Now 2019 has moved into first place. Solar Minimum is a normal part of the 11-year sunspot cycle. The past two (2008-2009 and 2018-2019) have been long and deep, making them "century-class" Minima. To find a year with more blank suns, you have to go back to 1913, which had 311 spotless days. Last week, the NOAA/NASA Solar Cycle Prediction Panel issued a new forecast. Based on a variety of predictive techniques, they believe that the current Solar Minimum will reach its deepest point in April 2020 (+/- 6 months) followed by a new Solar Maximum in July 2025. This means that low sunspot counts and weak solar activity could continue for some time to come. (SpaceWeather via Ron Hunsicker-PA)

ROMANIA Winter B-19 schedule of NEXUS IRRS Shortwave via Radiocom:

European Gospel Radio / United Nations Radio:

1900-2000 on 7290 TIG English 1st/2nd Fri
1900-2000 on 7290 TIG English Sat-Thu
1030-1300 on 9510 TIG English Sun

'Radio City':

1900-2000 on 7290 TIG German 1st/2nd/3rd
Fri
0500-1000 on 9510 TIG German 1st/2nd/3rd
Sat

'Radio Rasant':

1900-2000 on 7290 TIG German 4th Fri
0500-1000 on 9510 TIG German 4th Sat

IRRS 9510 is transmitted via SAF (Saftica), 100 kW. SAF is some 13 km away from TIG (Tiganesti). However, transmissions of RRI (Radio Romania International) via SAF are also registered as TIG in the HFCC database. (Worldwide DX Club)

Radio City "The Station of the Cars" via Saftica, December 21:

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

Broadcasting of RRI short wave programs is back on track. The short wave transmitter in Tiganesti, BD 300-1 near Bucharest is up and running. Dear friends, the short wave transmitter in Tiganesti, BD 300-1 near Bucharest is up and running. It has been out of order for several months and it's now broadcasting RRI's programs again. The transmitter has been repaired by RADIOCOM. We are looking

forward to receiving your feedback related to the quality of reception. Thank you! (RRI English website, 2019-12-09. Eugen Cojocariu, Lacramioara Simion/TopNews)

RUSSIA Winter B-19 frequencies of DRM broadcasting in Chukotka:

2000-1000 on 5935 K/A 025 kW Russian DRM mode

2200-0100 on 11860 K/A 025 kW Russian DRM mode

0100-0600 on 15325 K/A 025 kW Russian DRM mode

0600-1000 on 6025 K/A 025 kW Russian DRM mode

(DX Mix-Bulgaria)

4996, RWM, Russian State Time and Frequency Service, F/D scanned QSL card in 1 day! Report sent by e-mail to various addresses but reply came from: gsvch@vniiftri.ru. V/S Illegible. (Leonardo Santiago-Venezuela/DX Fanzine)

SOLOMON ISLANDS 5020, SIBC, 1202*, Dec 9. Closed down just after NA; somewhat stronger than usual signal. (Ron Howard-CA)

9545, SIBC, 0441-0459*, Dec 18. Preempted regular programs; speech delivered to Parliament in English, by Solomon Islands' Minister of Foreign Affairs and Trade, Jeremiah Manele, defending his government's recent decision to recognize Beijing over Taiwan; rare to have audio level well above threshold level; had hoped they would give full coverage to this important speech and run past 0459*, but cut off as usual; audio here much better than the lack of audio on 5020. (Ron Howard-CA) 9545, SIBC, 0443-0459*, Dec 25. EZL music program; audio above threshold level. (Ron Howard-CA)

SRI LANKA Reception of Sri Lanka Broadcasting Corporation SLBC, December 9:

1630-1830 on 11750 TRM Sinhala City FM - fair signal
1702-1800 on 11835 TRM Tamil Thendral FM- weak signal
(DX Mix-Bulgaria)

SWAZILAND 15105, TWR, eQSL card in 12 days. Report in French was sent to: lstravrop@twr.org. (Christian Ghibaudo-France/DX Fanzine)

TAJIKISTAN Winter B-19 schedule from Tajikistan:

Tajik Radio 1

0000-0300 on 4765 DB Tajik
0300-0330 on 4765 DB Russian
0330-0900 on 4765 DB Tajik
0900-0930 on 4765 DB Russian
0930-1000 on 4765 DB Uzbek
1000-2000 on 4765 DB Tajik
2300-2400 on 4765 DB Tajik
(DX Mix-Bulgaria)

Voice of Tajik

0000-0100 on 7245 DB Arabic
0100-0200 on 7245 DB English
0200-0400 on 7245 DB Tajik
0400-0600 on 7245 DB Farsi
0600-0800 on 7245 DB Dari
0800-1000 on 7245 DB Russian
1000-1100 on 7245 DB Uzbek
1100-1200 on 7245 DB Hindi
1200-1300 on 7245 DB Arabic
1300-1400 on 7245 DB English
1400-1600 on 7245 DB Tajik
1600-1800 on 7245 DB Farsi
(DX Mix-Bulgaria)

THAILAND Radio Thailand WS has just (Friday) posted to Facebook an updated schedule

due to take effect from 1 December. (Thanks to a tip by Ranjit Darnal in Facebook).

0000-0030 English 13750
0030-0100 English 13750
0100-0200 Thai 13750
0200-0230 English 13750
0230-0330 Thai 13750
0530-0600 English 17640
1000-1100 Thai 17630
1100-1115 Vietnamese 5875
1115-1130 Mandarin 5875
1130-1145 Thai 5875
1145-1200 English 5875
1200-1215 Malaysian 9940
1230-1300 English 9940
1300-1315 Japanese 9940
1315-1330 Mandarin 9940
1330-1400 Thai 9940
1400-1430 English 9940
1800-1900 Thai 7475
1900-2000 English 7475
2000-2015 German 7475
2030-2045 English 7475
2045-2115 Thai 7475
(Alan Roe-UK)

5875, Radio Thailand, 1145, Dec 24. ID in English; indicating next segment to be in "Burmese," which it was; ex: English. This conforms to my Dec 18 log of definitely hearing Burmese, 1145-1200. (Ron Howard-CA)

UNITED ARAB EMIRATES 5940.12, IBRA Radio (Radyo Sadaye Zindagi) via Al Dhabbaya, 0246-0259*, Dec 18. Clearly off frequency; in assume Dari; very poor due to strong QRM from Rádio Voz Missionária on the low side of 5940. (Ron Howard- CA)

USA Radio Free Asia's (RFA) board of directors has appointed Bay Fang as the company's new President, effective Nov. 20. Fang replaces Libby Liu, who will serve as an advisor/counselor during a period of transition. Fang

has served as RFA's Executive Editor since October 2016 and was originally hired as the Managing Director for East Asia in 2015. Fang has worked closely with RFA leadership and USAGM on the company's strategic journalistic initiatives and held responsibilities relating essentially to all sectors of RFA operations. (RFA/USAGM website)

WMLK, the Assemblies of Yahweh international shortwave radio station, is currently being updated and improved. A new, state-of-the-art transmitter is being built that will incorporate the latest technology that will deliver a clear, crisp sound with the greatest efficiency available. As we all know, electricity costs have greatly increased; consequently, the higher efficiency will allow us to broadcast more – for less money. Also, the new transmitter will broadcast 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 radio. (The Sacred Name Broadcaster)

Frequency change of WRMI-3 Okeechobee in 49mb effective from December 6:

2100-0100 NF 5800* English Daily Supreme Master TV

0100-0200 NF 5800* Spanish Tue-Sat RAE Argentina

0100-0200 NF 5800* English Sun/Mon WRMI programs

* instead of 6060 YFR to avoid on same frequency at 0100-0200 on 6060 BAU Spanish Radio Habana Cuba RHC (DX Mix-Bulgaria)

Weak signal of WJHR Radio Milton in 19mb, December 19:

1400-2200 on 15555 JHR English USB (DX Mix-Bulgaria)

5955, World's Last Chance Radio noted again on Friday 13 December at 2005 tune-in. However, this time I was recording the 49 mb, and checking the playback I noted that a carrier come on air at 1951 and then modulation at 1955 with WBCQ and World's Last Chance ID's and opening announcements in Arabic before continuing with Arabic programming, although not apparently in parallel (unless 5955 was running several minutes adrift from 9330). When checking back to 5955 at 2030, the transmission was gone already. Romania is scheduled up to 1957 on 5955, but there was no trace of that in my recorded playback. (Alan Roe-UK)

7505v, WRNO, 0232 & 0251, Dec 26. In Chinese, which had not been heard for quite a while; 0251, English and Chinese with both station ID and program ID ("Grace For Today") (Ron Howard-CA)

VANUATU Vanuatu Shortwave reactivated. Thanks to a tip from RNZI's Adrian Sainsbury, Radio Vanuatu 3945 is being heard with very good signals at 0950. Adrian reports that Kordia are testing for VTBC with 2.5kw. 5040 or 7260 may be tested during daytime hours. (Bryan Clark-New Zealand on WRTH- World Radio TV Handbook Facebook Group, 0953 14 December 2019/DXplorer) Tnx for the heads up...good to hear them again! On Dec 15 they were on 5040 from 0912 tune with a male ancr in Pidgin followed by various types of local music at 0917; a woman announcer at 0936 was followed by a man with what sounded like a sport commentary – SINPO 34333 from a Perseus rcvr in Lamont AB (VE6JY courtesy of Don Moman). I have never hrd Vanuatu on 5040 in the past. (Bruce Churchill-CA/DXplorer) VBTC Port Vila Kodia are testing a new transmitter tonight on 3945. As a temporary measure they are using only 2.5 kw. During the day they may pop up on 5040 and 7260. They hope to have a full service

commence this sometime month. More detail as it comes to hand. (Adrian Sainsbury -New Zealand/Shortwave Bulletin) A posting on the VBTC Facebook page (12 Dec) mentioned a (launch?) date 18th December and pictures technicians at work. It's in the Bislama language (which includes many English words). (Alan Pennington-UK/British DX Club) 5040, Radio Vanuatu, 1040-1059*, Dec 17. Format today unlike yesterday's non-stop songs; from 1040 to 1048, with announcer (sounded religious and Rob Wagner confirms "preaching in English," via WRTH Facebook); into music till cut off. (Ron Howard-CA) 5040, Radio Vanuatu, 1031-1059:49* (same closing down time as yesterday), Dec 19. Thanks to Bruce Churchill for the alert that today RV was being heard with the best reception so far; yes, for the first time I was able to confirm the preaching (1031-1038) was definitely in English; at 1037, with "You have been listening to the Grace Bible Baptist Church . . . the number is 7756760"; Xmas and religious songs; unlike the last two days, heard a formal sign off format, consisting of ID in vernacular followed by Nation Anthem ("Yumi, Yumi, Yumi"). Very nice reception! (Ron How-

ard-CA) 5040, Radio Vanuatu, 1040-1059:49*, Dec 24. The timer is set for the same time every day; no formal sign off format today (no NA). (Ron Howard-CA)

VBTC - Radio Vanuatu reactivated its short-wave with 2.5 kW:

0600-0900 on 3945 PVL Bis/Eng
0900-1200 on 5040 PVL Bis/Eng
1200-1800 on 7260 PVL Bis/Eng
1800-2200 on 5040 PVL Bis/Eng
(DX Mix-Bulgaria)

ZAMBIA 5915, R. One/ZNBC1, random listening 0119+, Dec 25. In vernacular; mostly pop African songs; some English Xmas songs ("Mary's Boy Child," etc.); 0257-0300, African Fish Eagle IS. (Ron Howard-CA)

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



NASWA Flashsheet

Are you getting the latest hot information about what is happening on the short-wave 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 short-wave news and information. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news.



Contributors' Page

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Rick BARTON, Sun City, AZ

SW-2000629, Satellit 205/T.5000 & 650, HQ-200, HQ-140X & 180A, ATS-909X, outdoor Slinky and random longwires

Eric BUENEMAN, Hazelwood, MO

Yaesu FRG-7, Sangean ATS-803A, National NC-60 Special, Tescun PL-600, Apex 303WA-2 vertical antenna, 150' homebrew dipole, 30' long-wire

Ed CICHOREK, Somerset, NJ

IC-R-75, SW8, MFJ956 - outdoor wires

Rich D'ANGELO, Wyomissing, PA

French Creek State Park DXpedition No. 58 (November 17, 18 and 19, 2019) Equipment: Ten-Tec RX-340, Drake R-8B and an Eton E1, 500-foot wire essentially north for the RX-340 and 250-foot wire essentially northeast for the R-8B and a whip antenna for the E1

Mick DELMAGE, Sherwood Park, ALB

Perseus SDR, Wellbrook ALA-100

Andre FREDETTE, Oakville, ONT

JRC NRD 535D PAR ES-SWL 65 ft. antenna, MFJ-959C

Glenn HAUSER, OK

No equipment listed

Vince HENLEY, Anacortes, WA

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

Ron HUNSICKER, PA

No equipment listed

Ralph PERRY, IL

No equipment listed

Alan ROE, UK

No equipment listed

Gianni SERRA, Roma, ITALY

JRC NRD 525 receiver; Alpha Delta DX-SWL Sloper-S antenna; RG 8 mini coaxial cable; JPS NIR 12 Noise & Interference Reducer-Dual DSP outboard audio filter; JRC NVA 319 external loudspeaker unit; Yaesu YH-77 STA stereo headphones

Ed STROH, Thornton, IL

Drake R8B, Alpha Delta DX-CC in an inverted vee configuration, MFJ-1025



Loggings

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

3320 **NORTH KOREA *Pyongyang B. S.*** 11/23 at 1230. Soprano vocalist, patriotic music, W presenter in Korean - Barton-AZ

3330 **CANADA *CHU*** Ottawa, ON – 11/14 2200 noted with ID in English, UTC time checks in English and French, brief pause into time signals before ID in French at 2201; SIO 323. (Bueneman-IL)

3990 **SOUTH KOREA *ECHO of Hope*** (Opposition/Clandestine) 11/15, at 1220. Pop vocal music, W and M presenters in Korean; jammed - Barton-AZ

4055 **GUATEMALA *Radio Verdad*** at 0405 UTC Nov 29 in Spanish with talk and music after IDs. Very Goo (Delmage, AB)

4765 **CUBA *Radio Progreso*** via Bejucal – 11/5 0257 noted with commentary and vocal music in Spanish; SIO 333. (Bueneman-MO)

4775 **PERU *Radio Tarma*** - Tarma, 2258-2308 Nov 17, nice selection of Peruvian vocals followed by a man announcer at 2302 with full formal station ID and frequency announcements before more nice music. Poor to fair but badly fading by 1100 tune out. (Thanks Tracy Wood for translation). (D'Angelo-PA/FCDX)

4800 **INDIA *All India Radio*** – Hyderabad, 0103-0136 Nov 18, nice selection of local music (vocals accompanied by flutes and drums) followed by talk in Hindu language by a woman announcer... Poor. (D'Angelo-PA/FCDX)

4885 **BRAZIL *R. Clube do Para***, Belem, in Portuguese 11.30.2019 0235-0242 man enhanced IDs and frequencies quote, man excited talk (mostly unclear); heard only in ssb cause strong unid.qrm noise, shallow fast qsb w/ strong qrn rustle, poor (Serra,Roma,Italy)

4925 **BRAZIL *Rádio Educacao Rural***, Tefé, 0136–0208 Nov 19, man announcer with Portuguese talk and announcements hosting a program of vocal selections. Poor to fair on peaks. (D'Angelo-PA/FCDX)

4960 **SAO TOME *Voice of America*** - Pinheira, 2032-2101* Nov 18, the Hausa Language Service with a man and woman announcers with features. Close-down announcements in the Hausa language followed by English language station ID by a man announcer: "This is the Voice of America, Washington, DC signing off." Fair. (D'Angelo-PA/FCDX)

4985 **BRAZIL *Radio Brasil Central*** ZYF690 Goiânia, Goiás – 11/30 0002 noted with news in Portuguese; SIO 222. (Bueneman-MO)

5025 **CUBA *Radio Rebelde*** CMBA Bauta – 11/14 2129 noted with commentary in Spanish; SIO 323. (Bueneman-IL)

5040 **CUBA RADIO *Havana Cuba*** via La Habana – 11/14 2209 noted with news headlines in Spanish into vocal music; SIO 323. (Bueneman-IL)

5845 **PHILIPPINES *BBC WS*** in KK relay via Tinang. December 17, 2019, 1543 – 1550. SIO 544. YL news reader with long monologue. Listed target is FE. Dead air at 1546, then signal recovery and YLs in conversation at 1547. (Henley, WA)

5850 **UNITED STATES *The Overcomer*** via WRMI Okeechobee, FL – 11/29 0741 noted with Brother Stair talking about the meaning of sincere prayer in English; SIO 545. (Bueneman-MO)

5900 **BULGARIA *Bible Voice Broadcasting*** - Sofia, 0221-0231* Nov 18, man with long religious talk in the Arabic language. Woman announcer alternating with instrumental music with station ID and contact information... Good signal. (D'Angelo-PA/FCDX)

5930 **AUSTRIA *BBC*** - Moosbrunn, 0124-0136 Nov 19, man announcer talking in listed Pashto language followed by singing and flutes. Station ID at 0330 as they switched languages to Dari. Poor. (D'Angelo-PA/FCDX)

5940 **BRAZIL *Radio Voz Missionária*** ZYE890 Camboriú, Santa Catarina – 11/28 0757 noted with sermon in Portuguese; 9665 kHz also in. SIO 323 on both frequencies. (Bueneman-MO)

5960 **TURKEY *Voice of Turkey***, Dec 25 at 2301, VOT has managed to come on the air in English to us, first with news, a lot of it about Turkey's aid to Libya; 2307 Review of the Turkish Press; 2309 Review of Foreign Media; 2313 Today in History, Dec 25 events not starting with 6 BCE; 2315 songs past 2330. Recheck at 0008 Dec 26, 5960 is still on, with that occasional bonus German transmission. Something's always wrong at Emirler (Hauser-OK)

5970 **TURKEY *Voice of Turkey*** - Emirler, 2110-2119 Nov 17, Turkish vocal selections during the French language service. A woman announcer with talk. Fair to good signal. (D'Angelo-PA/FCDX)

5980 **CHINA *China Radio Int'l***, Dec 25 at 1534, soft songs at S6-S7. Too early for Turkey before *1700, scheduled this hour as CRI in Japanese so also US ward (Hauser-OK)

5980 **PERU *R. Chaski***, Dec 26 at 0008, JBA carrier under Cuban jamming, so seems R. Chaski in another extended broadcast beyond timer cutoff between 2354 and 2355 (Hauser-OK)

5995 **MALI *Radio Television du Mali*** – Bamako, 2325-0004* Dec 7, man announcer with French language talks hosting a program of lively high-life music and sings. Nice station ID by a man announcer at 0001 followed by another station ID by a woman announcer. The

man and woman began talking mixing with short music segments. During a vocal selection the carrier was terminated. Fair to good signal. (D'Angelo-PA)

6015 **ZANZIBAR *Zanzibar Broadcasting Corporation*** – Dole, 0356-0426 Nov 18, I could hear time pips at the top of the hour followed by a man announcer with station ID and apparent news. Mixing with Radio Tamazui. Poor. (D'Angelo-PA/FCDX)

6040 **IRAN *Voice of Islamic Republic of Iran*** – Sirjan, 2001-2101* Nov 18, English Service with long feature about oil production in the Middle East. Woman announcer with nice station ID: "This is the Voice of the Islamic Republic of Iran providing postal address at 2009. Features continued until transmission carrier was terminated. Poor to good. (D'Angelo-PA/FCDX)

6045 **UNITED KINGDOM *KBS World*** via Woofferton – 11/29 0738 noted with traditional music and discussion in Korean; SIO 323. (Bueneman-MO)

6060 **UNITED STATES *Supreme Master TV*** via WRMI Okeechobee, FL – 11/9 2248 noted with long list of broadcast outlets in English, followed by brief talk in Spanish into commentary in English; SIO 323. (Bueneman-MO)

6070 **JAPAN *SHIOKAZE/Sea Breeze station*** (opposition/clan) 12/5 at 1400. Opening w/ usual piano music, W in Japanese. Nothing heard on channel during the 1330-1400 time period, including beeper jammers –Barton-AZ

6090 **ETHIOPIA *Amhara Radio*** - Addis Ababa, 2039-2100* Nov 18, under KBS World Radio with Amharic language talks until continuous musical program for last fifteen minutes of broadcast. Poor (D'Angelo-PA/FCDX)

6110 **ETHIOPIA *Radio Fana*** - Addis Ababa, 2051-2102* Nov 17, closing musical program with announcements in Amharic language by man announcer prior to final musical selection. Poor signal. (D'Angelo-PA/FCDX)

6115 **NEW ZEALAND *Radio New Zealand Int'l*** - Rangitaiki, 1320-1334 Nov 19, man and woman with excitable public affairs discussion with station ID at 1330. Poor signal; just too much daylight! (D'Angelo-PA/FCDX)

6115 **CONGO *Congo*** (tent.) 11.18.2019 1659-1707 man unclear talk only; better in lsb to almost nullify lite splats, barely audible; at 1702 audio up and down the qrn threshold briefly, then carrier on only w/ no audio; (Serra, Roma, Italy)

6125 **TURKEY *Voice of Turkey*** via Emirler – 11/3 0422 noted with commentary in English; SIO 333. (Bueneman-MO)

6125 **UNITED STATES *Radio Martí*** via Greenville, NC – 11/13 0057 noted with commentary, ID and news in Spanish. SIO 333, nearly obliterated by Cuban bubble-sound jammer. (Bueneman-MO)

6145 **CUBA Radio Havana Cuba** 11/20 at 0222, Dxers Unlimited w/Arnie Coro SIO 454 (Stroh-IL)

6185 **MEXICO XEPPM R Educacion** at 11/18, 0300. Long string of musical cuts, genres all over the map - Barton-AZ

6230 **CHINA China National 1** presumably jamming the Radio Sound of Hope - Taipei, 2226-2300* Nov 18, Mandarin language program with man and woman announcers speaking... Fair signal but slowly beginning to fade but still hanging in until apparent close-down. (D'Angelo-PA/FCDX)

6255 **CLANDESTINE Echo of Hope** (presumed), 1125-1137 Nov 18, talk in presumed Korean language noted //6000 which was quite poor. This channel was slightly better but still quite poor. No other outlets noted. (D'Angelo-PA/FCDX)

7220 **CHINA China Radio Int'l** in JJ. December 17, 2019, 1550 – 1553. SIO 444. OMs and YLs in JJ conversation. Listed target is FE. Good signal with slight QSB. (Henley, WA)

7380 **INDIA All India Radio** – Bengaluru, 0142-0200* Nov 19, another nice program of non-stop music with talk by a woman announcer in the listed Sindhi language. Fair signal. (D'Angelo-PA/FCDX)

7410 **JAPAN [NON] NHK Warudo Radio Japan**, Dec 25 at 0507, NHK Warudo Radio Japan news in English, S9+5, but Qur'an audible under. Since NHK is via FRANCE, could it be a local mixture with Algerian relay? NO, also sked on 7410 before and after 0500 is SAUDI ARABIA's Qur'aning. I wonder how that works in NHK's South African target (Hauser-OK)

7465 **SINGAPORE BBC WS** relay in Urdu via Kranji. December 19, 2019, 1620 – 1630. SIO 444. OMs in Urdu conversation, listed target is Afghanistan. YL joins conversation after 1627. Program switch at 1630. (Henley, WA)

7780 **UKRAINE [NON]. RUI** Dec 26 at 0230, RUI via WRMI via UTwente, VG with their special Xmas show about customs; which religions celebrate on Dec 25 or Jan 6; not always a strict ortho/catho dichotomy. 'This is a music show equally well-received previous hour. Best audio on this with AM Synch mode (Hauser-OK)

7830 **ASCENSION ISLAND BBC** 17:47 GMT, Dec 11, Program on sports results SIO 222 fair to poor, some fading. Used noise reduction on R75. (Fredette-ON)

7995 **ANTARCTICA VE6JY** No Carols across Antarctica, 7995-USB after 2300 UT Dec 23. Zero results trying numerous SDRs in NZ, Australia, and elsewhere. VE6JY did have some 2-way on 7993-USB, Spanish? 0, not on my own receiver either for the first few minutes. This was publicized as from McMurdo, but intended for intracontinental contacts only, difficult beyond at mid-day near summer solstice, and so it was (Hauser-OK)

9330 **UNITED STATES World's Last Chance Radio** via WBCQ - Monticello ME, 1559-1625 Dec 7, instrumental music followed by WBCQ station ID and then World's Last Chance Radio station

ID. Two men followed with a discussion in English about why the new days begins in the middle of the night. Good signal. (D'Angelo-PA)

9395 **UNITED STATES *The Overcomer*** via WRMI Okeechobee, FL – 11/14 1952 noted with Brother Stair telling Bible stories in English; 9455 kHz also in. SIO 444 on 9395, 545 on 9455. (Bueneman-IL)

9420 **GREECE *Voice of Greece*** via Avlida – 11/14 2106 noted with traditional Greek music and commentary in Greek; SIO 434. (Bueneman-IL)

9445 **INDIA *All India Radio*** – Bengaluru, 1756-1820 Nov 18, nice station ID followed by the news and then a commentary. After a General Overseas Service ID a music program followed. Fair to good signal. (D'Angelo-PA/FCDX)

9445 **SRI LANKA *Adventist World Radio*** - Trincomalee, 1535-1559* Nov 18, vocal selection followed by a man announcer speaking in the listed Oriya language. Another vocal selection at 1542 followed by another talk feature at 1543. Several nice station IDs by a man announcer at close-down including contact information in Oriya and English languages. Fair signal. (D'Angelo-PA/FCDX)

9445 **INDIA *All India Radio*** at 1830 UTC Nov 29 with a program interviewing a chef. Indian music program at 1845 UTC. Good with polar flutter. (Delmage, AB) Also noted at 2107 UTC Nov 29 with commentary followed by folk songs. Very Good // 11620 poor // 11740 poor. (Delmage, AB)

9525 **CLANDESTINE *Dengê Welat*** via Issoudun, France – 11/14 2114 noted with commentary in Kurdish into traditional Kurdish music; SIO 323. (Bueneman-IL)

9565 **UNITED STATES *WINB*** 11/14 at 2233, "Voice of the Rock" SIO 353 (Stroh-IL)

9585 **SWAZILAND TWR *Africa*** 11/17, 1500 M with a talk in French, little musical bridges between segments, then off before the BoH - Barton-AZ

9600 **CHINA *China Radio Int'l*** via Kashgar – 11/14 2119 noted with discussion in English; SIO 323. (Bueneman-IL)

9630 **SOUTH KOREA *KBS World*** 11/29 at 1630, Expert talks of growth & exports forecast for Korean semiconductor industry - VG Barton-AZ

9635 **CLANDESTINE *Radio Ndarason Int'l*** – Woofferton, 1820-1851 Dec 7, mix of talks in the listed Kanuri language and some instrumental music. Poor with a lot of local static to contend with. (D'Angelo-PA)

9664 **BRAZIL *Rádio Voz Missionária*** - Florianopolis – Camboriú, 0102-0215 Nov 18, long religious talk in the Portuguese language by a male preacher. Nice station ID at 0200 with what seemed like other station promotional announcements. Very good signal. (D'Angelo-PA/FCDX)

9665 **BRAZIL R Voz Missionaria**, 1:19GMT, 4 Dec, Portuguese man talking rapidly. SIO 322 fair to poor (Fredette-ON)

9690 **SPAIN REE** Dec 25 at 2300, REE English with early Xmas music, as Alison Hughes has previewed, but unusually weak signal mars enjoyment, S9 fading to S7 instead of solid over 9. Normally VG by this hour, but 11940 and 12030 are propagating even less. Instead I listen for a while to Voice of Turkey, q.v. (Hauser-OK)

9700 **KOREA (SOUTH) KBS World Radio** - Kimjae, 2219-2310 Nov 17, Indonesian language program consisting mainly of talks by a man and woman announcing team with periodic vocals selections by the same female singer. Station ID at 2300 followed by Chinese language program. Poor to fair. (D'Angelo-PA/FCDX)

9700 **NEW ZEALAND Radio New Zealand Int'l** - Rangitaiki, *1059-1104 Nov 18, opened on this channel with time pips, station ID and news but very poor signal. (D'Angelo-PA/FCDX)

9740 **SOUTH KOREA KBS World** at 11/29 1700, W in Korean, some pop music on fading 31 m band here at 1000 A local - Barton-AZ

9765 **NEW ZEALAND Radio New Zealand Pacific** via Rangitaiki - 11/27 0847 noted with interview, NZ time check, preview of the next hour's programs, time pips into news at 0900; SIO 434. (Bueneman-MO)

9775 **UNITED KINGDOM IBRA Media** - Woofferton, 1708-1800* Nov 18, Arabic language program featuring short talks and many musical selections. At 1755 heard mention of "IBRA" so apparent closing announcement followed by music until transmission carrier was terminated. Fair. (D'Angelo-PA/FCDX)

9775 **SÃO TOMÉ E PRÍNCIPE Voice of America** relay - 11/3 0405 noted with news into discussion on the Trump impeachment inquiry in English; SIO 434. (Bueneman-MO)

9810 **ROMANIA RADIO Romania Int'l** on 12/8 at 1500. Romanian folk music, dialogue, two women in Romanian - Poor/Fair Barton-AZ

9818 **BRAZIL Rádio 9 de Julho**, Sao Paulo, 0026-0108 Nov 19, program of religious talks in the Portuguese language and segments of music. Poor. Noted // to web-stream by Tracy Wood. (D'Angelo-PA/FCDX)

9855 **MADAGASCAR NHK world Radio**, Japan, 20:41 GMT Nov 28, French news program, "2 explosions at Texas refineries. Japanese construction program for aged people. News on money market and currency movement. Trump supporting democracy movement in Honk Kong. Japanese language expressions and culture. Work life in Japan. Man and woman reading alternately. SIO 444 good signal slight fading. (Fredette-ON)

9865 **INDIA All India Radio** (Vividh Bharati) – Bengaluru, 1246-1317 Nov 19, nice program of musical selections hosted by a woman announcer with Hindi language talk. Good signal. (D'Angelo-PA/FCDX)

9876 **CLANDESTINE (TIBET) Voice of Tibet** – Dushanbe-Yangiyul (very tentative), 1312-1325 Nov 19, very weak signal with man speaking in presumed Tibetan language. (D'Angelo-PA/FCDX)

9890 **JAPAN NHK Radio Japan** - Yamata, 2128-2200* Nov 18, Japanese service with music and talks. Fair to good signal. (D'Angelo-PA/FCDX)

9900 **CHINA China Radio Int'l** via Donfang – 11/20 2300 noted with ID into news in Chinese. SIO 323, mixing with Taiwan. (Bueneman-MO)

9900 **TAIWAN Radio Taiwan Int'l** via Paochung – 11/20 2300 noted with time pips, Taiwanese national anthem into news in Chinese. SIO 323, mixing with China. (Bueneman-MO)

9920 **PHILIPPINES FEBC Radio** (via Bocaue) at 12/2, 1500. Monologue with M in Russian, W at BoH with announcement and outro music, another monologue with M in Russian after. No CCI from Sound of Hope (ROC) or jamming stations (PRC), also listed for this frequency during this time slot -Barton-AZ

9940 **THAILAND Radio Thailand** - Udorn, 1215-1215* Nov 18, instrumental music followed by a man announcer with English station ID and gongs before carrier terminated. Good signal. (D'Angelo-PA/FCDX)

9940 **THAILAND R Thailand** 11/23 at 1315. Ending an English lang. segment to tuning signal, then M with ID & language change announcement (programming went to Mandarin Chinese) - Armchair copy Barton-AZ

9950 **MOLDOVA (PRIDNESTROVIE) Trans World Radio** – India via Kishinev-Grigoriopol, 1432-1445* Nov 19, nice music selection opening program followed by a man announcer with long talk in the listed Bhili language. Closed with an English language station ID. Almost fair. (D'Angelo-PA/FCDX)

11540 **CLANDESTINE Dengê Welat** – Grigoriopol, 1302-1355 Nov 18, man announcer with news in Kurdish language followed by short newsy featured with instrumental music between items. Music programming commenced at 1317. Very good signal. (D'Angelo-PA/FCDX)

11590 **INDIA ALL India Radio** 11/17 at 1700. M in (listed as) Hindi, vocal music (more the Bollywood film music than, exotic sitar/drum stuff) -Barton-AZ

11610 **MADAGASCAR World Christian Radio**/World Light of Life relay 11/28 at 2100. Religious lecture by man then woman mixture of English programming and Chinese. - Barton-AZ

11620 **INDIA All India Radio GOS** at 2102 UTC Nov 26 with News. Fair improving to Good. (Delmage, AB)

11620 **VATICAN STATE Vatican R.** (direct) 12/1 at 1530, opening ancmts by M (ID clearly heard), monologue w/ M in (listed) Amharic (North Central Ethiopia), interesting choral music with mixed choir and flutes - Barton-AZ

11635 **KOREA, NORTH Voice of Korea** at 2248 UTC Nov 26 with lively music and talk in Chinese. Good // 9875 Poor. After 4 minutes of open carrier Interval Signal at 2300 UTC with National Anthem then into Korean. (Delmage, AB)

11640 **MALI China Radio Int'l** (presumed the one & via AFR relay) 12/8 at 2015, M in English, just above noise - Poor to Fair Barton-AZ

11645 **MALI BAMAKO Radio China Int'l**, 18:45 Dec 6, Man talking in Arabic followed by mar-
shal music followed by final announcement in French. SIO 222 faint but quiet conditions. (Fredette-ON)

11655 **UNITED ARAB EMIRATES IBRA Radio** .116, Dec 25 at 1619, JBA carrier way off-fre-
quency. Of course! It the DHA site during this semi hour only with IBRA Radio Ibrahim in
Afar from Sweden (Hauser-OK)

11680 **ZAMBIA Voice of Hope** - Makeni Ranch, 0424-0446 Nov 18, canned English language
religious program with local station ID and frequency announcement by a man announcer
at 0430 between the change of religious programs. Good signal but //9680 was quite poor.
(D'Angelo-PA/FCDX)

11680 **NORTH KOREA KCBS** 12/8 at 0001 w/ sappy soprano vocalist, patriotic music - Fair Dec
8 Barton-AZ

11710 **KOREA (NORTH) Voice of Korea** - Kujang, 1606-1635 Nov 18, apparently a French lan-
guage program but hard to tell as voice seemed somewhat muffled. Marching band music and
talks by a woman announcer. Poor signal. (D'Angelo-PA/FCDX)

11710 **SOUTH KOREA VOICE of Korea** - Kujang, 1302-1310 Nov 19, struggling to get a decent
carrier on the air. Tones noted off and on but no audio for English language program. //9435
noted weakly but modulation was quite poor. (D'Angelo-PA/FCDX)

11720 **SÃO TOMÉ E PRÍNCIPE Voice of America** relay - 11/14 2136 noted with pop music
countdown and ID in English; SIO 444. (Bueneman-IL)

11720 **MADAGASCAR AWR** at 1717 UTC Nov 28 with man and woman in discussion in Swahili.
Abrupt off at 1728 UTC. Excellent. (Delmage, AB)

11720 **UNITED STATES VOICE of America** Greenville 11/17 at 2121, "Country Hits VOA-The CMA Edition" SIO 454 (Stroh-IL)

11745 **SAUDI ARABIA Al-Azm** - Jeddah, 1304-1345 Nov 18, nice program of music and vocals apparently for the troops in Yemen. Arabic language talk by a man announcer at 1345 followed by a long speech and other discussions. Fair and steady signal. (D'Angelo-PA/FCDX)
11745, Al-Azm - Jeddah, 1307-1321 Nov 19, another music program hosted by a man announcer with Arabic language talks. (D'Angelo-PA/FCDX)

11750 **CHINA CRN1** via Shijiazhuang at 2312 UTC Nov 26 in Chinese with (p) news. Excellent // 9710 (same site) also Excellent. (Delmage, AB)

11770 **NIGERIA Voice of Nigeria** via Abuja - 11/14 1937 noted with commentary in Fulfulde; SIO 444. (Bueneman-IL)

11770 **NIGERIA Voice of Nigeria** at 1732 UTC Nov 28 with News about Nigeria. Full ID and contact info at 1744 UTC. Time check at 1745 UTC then music like "Ordinary People" by Cobhams Asuquo and "Aboki" by Ice Prince. Station ID at 1800 UTC then into 60 Minutes. Fair with low modulation. (Delmage, AB)

11770 **NIGERIA VOICE of Nigeria**, 1654, 12-9-19. Tuned in to woman in English in discussion followed by drums and an announcement. Several mentions of Nigeria. At 1658 man with web address given. Signal very poor with swings in propagation and blasts of noise. Just enough information to detect English spoken in this broadcast. (Cichorek-NJ)

11780 **BRAZIL Radio Nacional da Amazônia** ZYE365 Brasilia, DF - 11/14 2227 noted with discussion in Portuguese; SIO 545. (Bueneman-IL)

11780 **BRAZIL RN de Amazonia** 21:45GMT, Dec13, fast talking Portuguese disc jockey. More like a local AM pop show. News program followed with ID at 21:45. SIO 333 noisy and fading. (Fredette-ON)

11795 **KUWAIT Radio Free Asia** - Umm al-Rimam, 1334-1347 Nov 19, talks by a man and woman announcer in the listed Burmese language. Poor with some fading. (D'Angelo-PA/FCDX)

11810 **ASCENSION ISLAND BBC World Service** relay - 11/14 2138 noted with feature on sourdough bread in English; SIO 444. (Bueneman-IL)

11810 **ASCENSION ISLAND BBC**, 21:35 Dec 13, English program, Interview with local soccer player from Suriname and the sports talent in Surinam. Also discussion on the Dutch influence on Suriname. Also talk on the environment. SIO 444 good reception. (Fredette-ON)

11850 **BOTSWANA Voice of America** 12/7 at 2045. M and W in (listed) Hausa, little music bridges between segments (including Yankee Doodle knock-offs), mentions "Washington" - Barton-AZ

11856 **BRAZIL *Rádio Aparecida***, Aparecida, 0105-0117 Nov 19, man announcer with Portuguese talk and announcements. Poor to fair on peaks. //9630.2 at poor level and then (0200-0315) noted on 6134.8 at almost fair level. (D'Angelo-PA/FCDX)

11900 **SAOTOME & PRINCIPE *Voice of America*** 20:25 GMT, 3 Dec, French program, pop music, Michael Jackson "do it" 50 million records sold. Sign off in English at 20:30, SIO 333, fair to good. (Fredette-ON)

11910 **JAPAN NHK *World R*** 12/7 at 2250, mostly talk, woman in Japanese to ToH ancmts, time pips and into next hour with M in Japanese -Barton-AZ

11910 **JAPAN NHK *World Radio***, 12/2, 2345. Man and woman in Japanese language programming, man w/ ID, closing announcements at 2358 time tips and off at the top - VG Barton-AZ

11930 **UNITED STATES RADIO *Marti*** in SS from Greenville, NC. December 18, 2019, 1656 – 1700. SIO 444. OM anchor, Latin MX. Good signal with listed target of Cuba. (Henley, WA)

11955 **CHINA *China Radio Int'l*** – Kunming, 1304-1316 Nov 19, woman announcer hosting Malay program with talk features and announcements. Poor to fair. (D'Angelo-PA/FCDX)

11955 **GERMANY ADVENTIST *World Radio*** (via Nauen) 12/7 at 1645, men in dialogue (listed as) Tigrinya (Eritrea/E Africa), short music clip and suddenly off w/o announcement - Barton-AZ

11965 **MADAGASCAR *AWR***, 2048, 12-3-19. Two men in English discussing how to rebuild a broken African country from a religious point of view. Fair with fading. (Cichorek-NJ)

11965 **MADAGASCAR WORLD *Christian Broadcasting/African Pathways R***. 12/28 at 2000, opening with Lively African sounding singing man in accented English, IDing as African Pathways radio, to religious talk jazz music some Herbie Hancock - Barton-AZ

11975 **ROMANIA RADIO *Romania Int'l*** 12/6 at 1357. Familiar RRI tuning signal before the hour, going at 1400 to W opening in Romanian - Barton-AZ

11985 **MADAGASCAR ADVENTIST *World Radio*** 12/9 at 2100 M in African dialect and also African accented English, talking over soft music, religious talk, nice African choral music/ Trad. Religious songs were played and sung in an African style that made it sound like it was a VOA-to-Africa program, ending at the BoH - Barton-AZ

11985 **MADAGASCAR *AWR*** (to Nigeria) 12/1 2000. Religious talk by M. Listed in Cemuhi (Oceania/New Caledonia) this hour, but actually in African accented English, for Nigeria (not Oceania). Shut down after church organ rendition of Glory Hallelujah - SINPO 55555 Barton-AZ

11995 **FRANCE *RDW*** (Germany relayed via Issoudun) 12/8 1640. M in (listed as) Amharic (Ethiopia) - Barton-AZ

12050 **CLANDESTINE Radio Ndarason Int'l** via Woofferton, UK – 11/14 2026 noted with IDs, native Chadian music and commentary in Kazembe; SIO 444. (Bueneman-IL)

12075 **BOTSWANA Voice of America**, 2122, 12-2-19. Man and woman speaking in slow English, Poor with fading. (Cichorek-NJ)

12075 **BOTSWANA VOICE of America** (via Selebi-Phikwe site) 11/29 at 1900. Open w/ M in French, presenter hollering like a p-b-p sportscaster, but was actually announcing an urban pop program - Barton-AZ

12095 **ASCENSION ISLAND BBC World Service** relay – 11/14 2020 noted with commentary and discussion on the flooding in Venice in English; SIO 434. (Bueneman-IL)

12140 **KUWAIT Voice of America R.Ashna**, in listed Pashto 11.16.2019 1431-1458 man /woman reading news, w/ music breaks and many external talk services; woman announcement at 1444, other woman ID and continuing news w/ external talk services and some music breaks, man/woman announcements w/ ID in between via Woofferton UK, good; in // 12075 via S.Maria di Galeria, Holy See (Vatican), local Radio; (Serra, Roma, Italy)

12160 **UNITED STATES WWCR 2** in EE. December 18, 2019, 1645 – 1653. SIO 555. “CSC Talk Radio.” Advertisement for Liberty Fracking; anti Democrat message, Beth Ann is the host. Excellent signal. “Making America Great Again.” Anti “Climate Change” message. Call in show with discussion of homeless situation that plagues America’s large cities and how not to handle it. (Henley, WA)

13670 **MADAGASCAR World Christian broadcasting African Pathways radio** 12/16 at 1830 in English with children’s biblical program excellent reception - Barton-AZ

13670 **MADAGASCAR MWV African Pathways Radio Mahajanga** 11/15 at 1820, “This Day in History” “Creation Moments” SIO 454 (Stroh-IL)

13860 **SAO TOME Voice of America** 12/6 at at 1730, M in English, news magazine pgm, promo for another program “Here on VOA” by M with African accented English - Poor to Fair Barton-AZ

15105 **SWAZILAND TWR** 19:48 GMT Dec 14, French religious program with man talking about Jesus. Sign off at 19:51 SIO 444 good signal. (Fredette-ON)

15125 **MALI, BAMAKO China Radio Int'l**, Swahili talking man with Chinese music, used USB to get rid of interference, sign off at 17:57, SIO 323 (Fredette-ON)

15145 **OMAN RADIO SULTAN OF OMAN** – Thumrayt, 1308-1355* Nov 18, tuned in to a man announcer with Arabic language talk. Later some nice musical selections including apparent marching band material (local?). Fair to good signal. (D’Angelo-PA/FCDX)

15145 **OMAN** Radio *Sultan of Oman* – Thumrayt, 1221-1359* Nov 19, man announcer with Arabic language talks and local vocal selections. Hoping they would stay on for English but cut the carrier during the music. Good signal. (D'Angelo-PA/FCDX)

15155 **MADAGASCAR AWR**, Tue Dec 24 at 1840, Xmasmx is S9-S7 but JBM, among few signals on band: it's AWR English at 1830-1900. Logged this before noting that two sites are listed: Sri Lanka only on Saturdays where I guess the SDAs don't mind working; axually barely in to local Sunday. The Talatans need to pay more attention to Modulation (Hauser-OK)

15180 **SRI LANKA AWR** (pres.), Trincomalee, in listed Karen 11.10.2019 1431-1455 slow song, slow music pause, woman talk, slow brief music break at 1439, man talk till 1445, slow songs, woman brief announcement above music, man unclear talk, better in ssb (Serra,Roma,Italy)

15380 **SAUDI ARABIA Broadcasting Service of the Kingdom of Saudi Arabia** Holy Quran - Riyadh, 1215-1247 Nov 19, booming signal with Holy Quran program and Arabic language talks by a man announcer. (D'Angelo-PA/FCDX)

15400 **ASCENSION ISLAND BBC** 18:00 GMT, Dec 11, English program story on Malaysian airplane that was shot down last year in Ukraine and Chechen rebels. BBC news on Indian citizenship law to allow non muslims get citizenship faster. News on changes in pension laws in France. Government of France says changes will be gradual. Ancient city found in Ethiopia. ID at 18:04. SIO 333 (Fredette-ON)

15434 **SAUDI ARABIA BSKSA**, Riyadh, in Arabic 11.17.2019 1513-1526 Arab, music, woman/man announcements w/ some music breaks, then talking only, Arab song, man brief announcement, Arab music pause, woman/man talk, w/ Arab music pause; fast qsb w/ moderate qrn at times in increasing, good (Serra, Roma, Italy)

15490 **ASCENSION ISLAND BBC** 18:05 GMT, Dec 11, French program on African issues and politics, SIO 323, fair with fading. (Fredette-ON)

15490 **ASCENSION BBC** 19:52 GMT Dec 14, Hausa program, Man talking about Nigeria. SIO 444 good signal. (Fredette-ON)

15555 **UNITED STATES WJHR** Milton, FL – 11/14 2016 noted with talk on the Bible's teaching on adultery in English; SIO 444 in USB mode. (Bueneman-IL)

15580 **BOTSWANA Voice of America** relay Mopeng Hill – 11/14 2009 noted with hi-life music, "VOA" ID in English; SIO 323. (Bueneman-IL)

15580 **BOTSWANA Voice of America** 16:58GMT, Dec 7, pop music cut off at 16:59 abruptly in middle of song. SIO 444 (Fredette-ON)

15580 **BOTSWANA VOICE of America** 19:56 GMT, Dec 14, English program on polarization of U.S. politics. Man and woman having discussion. Apparently this interview with author

who wrote book on U.S. polarization. Abrupt cut off at 19; 59, SIO 555 excellent signal. (Fredette-ON)

15580 **BOTSWANA VOICE of America** 11/13 at 1930, "Learning English" news read in slow English, history of Mormons SIO 453 (Stroh-IL)

17640 **ASCENSION ISLAND BBC**, 16:53GMT, Dec 7, English program on soccer news, SIO 333 fair some fading. (Fredette-ON)


17775 **UNITED STATES KVOH** Rancho Simi, CA – 11/14 2005 noted with Contemporary Christian music in Spanish; SIO 545. (Bueneman-IL)

17780 **ASCENSION ISLAND, BBC**, 17:49, Dec 11, English program on cricket, male and female announcer, SIO 333 fair with fading. (Fredette-ON)


17800 **FRANCE Mini-Transat La Boulangère** - Issoudun, 1510-1546* Nov 18, a man (French) and a woman (English) announcers alternating providing weather information for the yacht race. Weather seemed to end early today with about fifteen minutes of pieces of musical numbers by various artists closing the transmission. Fair to good signal with some fading. (D'Angelo-PA/FCDX)

17880 **MALI BAMAKO Radio China Int'l**, 16:48, Dec 7, Arabic discussion between man and woman with background music. Language course on pronunciation of words in Chinese SIO 555, excellent reception. (Fredette-ON)

17895 **BOTSWANA Voice of America** Africa, 16:21, Dec 2, English program, interview and discussion, Russian mercenaries in Libyan conflict and the solution. Also discussion on South Sudan conflict, Burkina Faso, attack on church attendees, 14 killed end at 16:27 SIO 444 (Fredette-ON)

17895 **BOTSWANA VOICE of America** 17:52 GMT, Dec 11, Continuous sign on music, SIO 444, good reception. (Fredette-ON) 

NASWA Email Group (Updated Address!)

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

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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 register and inform us that you will be attending by Friday morning, February 28th.** If you choose not to participate in the banquet, there are many nearby restaurants.

Your registration must be postmarked by January 24th, 2020 for the best prices; registrations sent after that date are priced higher. See the registration form below.

GRAND PRIZE To be announced

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If you aren't registering online, please submit the following form with your registration amount to:

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Cancellations after February 9, 2020 cannot be refunded, however we will refund raffle ticket money if you have to cancel.

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



On the Short Waves

by Jerry Berg

<www.ontheshortwaves.com> **Update, December 1, 2019** — Despite a policy history of “not QSLing,” the BBC has in fact issued countless cards and letters that qualify as QSLs. Under “DX History/QSLs & Other Station Memorabilia,” we have posted Part I of a three-part series called “The BBC in QSLs.” This part covers BBC QSLing through World War II. Parts II and III will cover the years since the war, and the BBC relay stations, and will appear soon. — Also this week, under “Specialized Resources/Wavescan,” Adrian Peterson offers “WWV 100th Anniversary: The Forgotten Callsigns-4” (Wavescan N561, November 24, 2019); and in “The DX Recordings of Colin Miller,” we have new recordings of Radio Madagascar and Radio Tanzania.

<www.ontheshortwaves.com> **Update, December 8, 2019** — For east coast listeners, signals from the low-powered Mexican shortwave stations often suffered from interference of one kind or another, so you will have to listen carefully for the IDs [times in brackets] on some of the recordings that we have posted under “DX History/Recordings.” Of these, only Radio Educacion is still on the air. The stations are: (1) XEJN, R. Huayacocotla, Huayacocotla, 2390 kHz., 1979 [:19, :36, :45]; (2) XEOI, R. Mil, Mexico City, 6010 kHz., 1999 [:15]; (3) XEPPM, R. Educacion, Mexico City, 6185 kHz., 1979 [:34]; (4) XEQK, La Hora Exacta, Mexico City, 9555 kHz., 1989 [:15]; (5) XEQM, Sus Panteras, Merida, 6105 kHz., 1976 [:10]; (6) XEQQ, La Q Mexicana, Mexico City, 9680 kHz., 1987 [:01]; (7) XERH, Radiodifusoras Comerciales, Mexico City, c. 1960 [:36]; (8) XERMEX, R. Mexico, Mexico City, 15430 kHz., 1981 [:03, 1:16, 1:58 English]; (9) XERTA, R. Transcontinental de America, Mexico City, 4800 kHz., 1997 [:25, :40, :57]; (10) XEUJ, Linares, 5982 kHz., 1984 [:04, :22]; (11) XEUW, R. Nucleo Oro, Veracruz, 6020 kHz., 1979 [:41]; (12) XEWW, Mexico City, 15160 kHz., 1976 [1:25, 1:34, 1:53]; and (13) XEXQ, R. Universidad, San Luis Potosi, 6045 kHz., 1983 [:08].

<www.ontheshortwaves.com> **Update, December 15, 2019** — Under “Specialized Resources/The Early DX of David F. Thomas,” we have added some shortwave broadcast QSLs, and a few utilities and foreign mediumwavers.— And Colin Miller has sent us a new recording, of the Voice of the Philippines, from 1969.

<www.ontheshortwaves.com> **Update, December 22, 2019** — This time, under “Specialized Resources/Wavescan,” we have posted three new files, Wavescan Nos. N560, N562 and N564, which together present a three-part interview of Paul Hunter, who was chief engineer for High Adventure Ministries during the 1980s and 1990s. The main topic of these three audio files is the shortwave broadcasting station on Palau, which closed at the end of October. Other related SWBC transmitters are discussed as well in this interesting interview, which is conducted by Ray Robinson of KVOH. To supplement the interview, we have also posted a short writeup about Japan’s use of Palau for shortwave broadcasting during World War II. Look for it under “DX History/Stations.”

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