

# The **NASA** Journal

VOLUME LX NUMBER 12

DECEMBER 2020



North American Shortwave Association - America's Shortwave Broadcast Club

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I am very fortunate to have been in the radio business for over 50 years, 13 at Radio Shack and 37 at Universal Radio. We have met many wonderful people along the journey who have supported me personally as well as Universal Radio. It has been a privilege to have a continuous career in the fascinating field of radio since 1969. I hope I have helped NASWA in some small way over the years, as NASWA has certainly helped and supported Universal Radio in many ways. Please accept our sincere "Thank You" for your support of Universal Radio for these many years, and for the months to come.

Our new address for correspondence and mail order is below. This is not a store front.

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 752 N. State St. Unit 222  
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Phone: 614 866-4267

Thank you.

73,

*Fred Osterman N8EKU  
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# NASWA Notes

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

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We are in the midst of the holiday season. For me, and I suspect many others too, the period from Thanksgiving Day through New Year's Day is a special time of the year. Every one of our club staff wishes each and every member a great holiday season and a safe and healthy holiday period. It's been a tough year but hopefully 2021 will see things improving as we move through the calendar. Enjoy a stay safe and healthy holiday season as we bring calendar year 2020 to a close. Enjoy our shortwave radio hobby!

Here is an important announcement about the club's annual Winter SWL Festival. Due to the continuing health concerns and mandates imposed by the Covid-19 pandemic, NASWA is canceling the in-person annual Winter SWL Fest event for 2021. However, the organizational team is working on a virtual event to be held online via Zoom in place of the in-person event tentatively planned for the same weekend — February 26-28, 2021. So, keep an eye on this space for further announcements about this event. In the interim, we welcome your suggestions and any offers of assistance. Post them on the [NASWA.Group.io](https://NASWA.Group.io) forum or on the [SWLfest.com](https://SWLfest.com) list and/or the club's Facebook page. For those not inclined to use those electronic forums, snail mail suggestions can be send to Winter SWL Festival, P. O. Box 3292, Allentown, PA 18106.

I hope you are making up a neat little holiday gift list (for yourself, naturally) that someone in your family can "discover" in order to surprise you with the perfect holiday present this year. Otherwise, buy it for yourself, hi! Our good friends at Universal

Radio in Ohio have plenty of great radio gear for your listening enjoyment. Now is a very good time to shop Universal Radio as Fred Osterman recently announced that they plan to close operations in the near future. The Worthington, Ohio store front is now closed but mail order continues. Their new address for correspondence and mail order is Universal Radio Inc., 752 N. State St. Unit 222, Westerville, OH 43082 and their phone is 614 866-4267. There are usually some nice holiday broadcasting treats so check out Listeners Notebook for something interesting to search for during the upcoming holiday season. Once again, happy holidays to all our members and hopefully 2021 will bring good health to everybody.

Recently, I had the pleasure of participating in a Zoom-like hobby conference meeting with members of the Australian Radio DX Club ("ARDXC"). There were eleven participants, two of whom were from the United States. There was no formal program but just a general discussion of our radio hobby and talk of what may happen in future video meetings. The session lasted almost two hours. I enjoyed the video experience and believe this type of electronic platform could bring significant benefits to radio enthusiasts in today's Covid-19 constrained world. Would members be interested in the club attempting do something similar after the Winter SWL Festival? Please send Jerry Alice Lineback a musing sharing your thoughts.


Chrissy Brand, Secretary General, and the European DX Council ("EDXC") has been planning an online Zoom meeting for

Saturday 21 November from 1400-1600 UTC that would be open to all EDXC members plus any others in the wider DXing community who wished to participate. This is being written before the meeting but similar to the ARDXC event it should be an interesting time. This online meeting will consist of introductions, a short update on EDXC matters, plus an opportunity for people to have a chat about radio, DXing and life in general - just like an EDXC meeting in person. The trend of holding online video events continues to grow. I'll report back on the EDXC meeting next month but if any of our members participated please consider putting your thoughts into a Musing.

This month John Herkimer developed our traditional December cover which features a montage of all our great covers printed during 2020. It has been a strange year with the Covid-19 pandemic keeping all of us on alert for many months. However, our covers bring back a lot of fond memories of current shortwave broadcasting activity as well as past favorite stations that can no longer be

heard on the bands. Hopefully, 2021 will be a forward looking year filled with more great looking covers!

Finally, the International Radio Club of America ("IRCA") is making its stockpile of over 900 articles that have been written about the medium wave radio hobby since 1964 available free to all. The IRCA has been documenting medium wave DX'ing to help radio hobbyists get a better understanding of radio reception and improving better listening techniques for over fifty years. Many of these articles continue to be relevant to the more general radio hobbyists, including articles about antennas, radio propagation, receivers and accessories, plus general technical information. You can find these articles at [www.ircaonline.org](http://www.ircaonline.org) and click on the "Free IRCA Reprints" button to download your own copies.

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

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## Unity and Friendship

# Musings

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

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*Please e-mail your Musings, preferably as MS Word attachments, to [jalinebk@gmail.com](mailto:jalinebk@gmail.com) or mail (early) to Jerry Alice Lineback, 4422 Sierra Del Sol, Paradise, CA 95969-8116. Please note that the new deadline for contributions to the January 2021 issue is December 16, 2020.*

**Jerry Alice Lineback, [jalinebk@gmail.com](mailto:jalinebk@gmail.com), Paradise, CA 95969**

The rains have started so the fire danger is reduced. We decided to forgo meeting with our family for Thanksgiving, sad. The election is over, but politics keep going, sad. Still safe from the virus. Thanks to our contributors this month.

73, Jerry Alice

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

It's been several months since I last mused, probably about a French Creek State Park DXpedition. That would have been before the Covid-19 pandemic! It seems like that was a long, long time ago.

There are no French Creek DXpeditions are planned for this new DX season. November is now in the rear view mirror and soon December will be behind us. Those were the usual first two DXpeditions of the DX season. Late January would be the time frame for the usual third DXpedition. Maybe yes, maybe no but I doubt it the way things stand at the moment. I may try going to a local park if the weather cooperates.

I have participated in several Zoom DX meetings which can't replace "in person" events but they are better than no meetings at all. The Australian Radio DX Club just started monthly Zoom meetings which got off to a nice start. I participated in the first one which was midnight local time. It was good to meet about a dozen folks from down under participating. I am writing this just before the European DX Council holds a Zoom meeting so I am interested in seeing how that develops. Our Reading Area DX'ers gang has met several times through Zoom which has been a lot of fun. A decision has been made to hold our annual Winter SWL Festival using Zoom in late February 2021. The FESTmeisters are working on the details so expect a major announcement in next month's Journal. Have any members attempted Zoom meetings with other hobbyists? I would be interested in reading about such gatherings.

73, Richard

*As will we all. Thanks to our contributors, 73, JAL*

## Listening Review

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

*Welcome to Listening Review for December 2020, and I'll start with an apology for some errors in the **Encore Classical Music** schedule from **R Tumbril** that I gave last month. The error was mine, having assumed some time changes for end of DST that in fact stayed on UT. The current schedule is:*

### **First broadcast:**

*Sat 1100-1200: 6070 9670 (Channel 292)*

### **Repeated:**

*Sun 0100-0200: 5850, 5010 (WRMI)*

*Sun 1700-1800: 9670 (Channel 292)*

*Sun 2200-2300: 3955 (Channel 292)*

*Mon 0300-0400: 9455 (WRMI)*

*Tue 1300-1400: 15770 (WRMI)*

*Thu 0300-0400: 5800 (WRMI)*

*Thu 1300-1400: 15770 (WRMI)*

*Fri 2000-2100: 6070 (Channel 292)*

*(Thanks to Brice Avery from R Tumbril)*

I try to catch **Encore Classical Music** most weeks, even if I do not manage to listen to the whole program. There is a nice mix of well-known and not so well-known traditional classics, as well as more contemporary classical music. For example, on 23 October 1900UT (before the DST change) on 6070kHz, I especially enjoyed some beautiful and relaxing music from harpist and vocalist Ani Williams with a track called "Invocation to Hathor" (from the album "Homage to Hathor"). Very nice – so much so that I purchased the album!

### December 2020 Specials

There are quite a few one-off and special broadcasts scheduled for December. Here is a round-up of some seasonal specials that you may wish to listen-out for.

#### **The Mighty KBC**



**The Mighty KBC** will follow-up their successful two-hour test broadcast to Europe on 14 November on 6080kHz via Erevan and Tashkent with two more **two-hour broadcasts** on Saturday 5 December and Sunday 27 December - also on 6080kHz via either Erevan or Tashkent (site still to be confirmed at time of writing). Additionally, on Sunday 27 December there will be a **seven-hour broadcast** from 0900-1600 on 6095kHz via Nauen.

The line-up is as follows:

0900-1000	Dave Mason
1000-1200	Eric van Willegen
1200-1400	Emperor Rosko
1400-1600	Ron O'Quinn

#### **NDR**

#### **Gruß an Bord / Greetings on Board**



The annual broadcast from **NDR** to German seafarers around the world - **Gruß an Bord** (or **Greetings on Board**) takes place on Thursday 24 December. Part one from 1900-2100UT includes various greetings, and usually live entertainment from a singer or group. Part two from 2100-2300UT starts with the Christmas Mass from the church of St. Mary Magdalene in Bochum-Wattenscheid (2100-2215), followed by further greetings and entertainment. This is always an enjoyable event, even for non-seafarers.

The frequency schedule is as follows:

#### \*1900-2100UTC

6030-Erevan	6080-Nauen
9570-Moosbrunn	9740-Nauen
9800-Issoudun	11650-Issoudun

#### \*2100-2300UTC

6145-Nauen	6155-Erevan
9590-Issoudun	9675-Moosbrunn
9740-Nauen	9830-Issoudun

#### **Channel 292**

There will be a lot of special programming coming up on Channel 292 over the Christmas/New Year. You'll really need to check their website (at [www.channel292.de](http://www.channel292.de))



just before Christmas to look for the latest details, but look out especially for these:

**100Kw Marathon** on Saturday 26 December from 0900-1430 where the following stations will broadcast via the Moosbrunn 100Kw transmitter on 6070 kHz (rather than the usually lower-powered Rohrbach transmitter. This five and 1/2-hour event organized by Max Berger of SM Radio Dessau features ten different programs on Channel 292 who collaboratively bought time on Moosbrunn's 100kw transmitter. This is an excellent chance to hear programs many listeners may not have heard before and listen to some of your favorites at a higher power. The program later repeats from Rohrbach on 3955 kHz using 10kw with time donated by Channel 292.

The schedule will be as follows:

0900-0930/1430-1500	HitAM 6045
0930-1000/1500-1530	SM Radio Dessau
1000-1030/1530-1600	Jake FM
1030-1100/1600-1630	Decade AM
1100-1130/1630-1700	R PowerRumpel
1130-1200/1700-1730	DARC
1200-1300/1730-1830	UBMP/FTIOM
1300-1330/1830-1900	SATzentrale- DeinTechnikradio
1330-1400/1900-1930	R Klein Paris
1400-1430/1930-2000	Korches R

**Grüsse an 2021 (or Welcome to 2021)** will be aired on Thursday 31 December from 2300-0100, on 3955, 6070 and 9670 kHz with the 6070 broadcast again from Moosbrunn at 100Kw. The broadcast will be repeated on Friday 1 January 0900-1100 on 3955, 6070 and 9670 (all via Rohrbach). This two-hour special simulcast produced by Bill Tilford, with a combination of time purchased by the participants for 100 kw and time donated by Channel 292 for 10 kw will feature a smorgasbord of segments from nine different music programs that appear on Channel 292

with everything from Volksmusik to Jazz to Classical to Rock to Cuban music. The stations contributing are Radio Ohne Namen, Radio PowerRumpel, Radio Decade AM, Alt Universe Top 40, Uncle Bills Melting Pot, VORW Int, SM Radio Dessau, Encore Classical Music, and From The Isle of Music.

### WBCQ The Planet

**Escape from 2020!** Is a one-hour special simulcast airing on **WBCQ** on Friday 1 January on 6160 and 7490 kHz from 0400-0500UTC. It is produced by Bill Tilford with time donated by Allan and Angela Weiner will feature segments from five programs heard on WBCQ – and includes music from Marion's Attic, The Lumpy Gravy Radio Show, Uncle Bill's Melting Pot and From the Isle of Music plus a short radio play by Tom Call Theater.

### Texas Radio Shortwave

There are two special broadcasts scheduled by **Texas R SW** via Channel 292, WBCQ and WRMI. First is a repeat of their **2019 Music Special**, to be aired via **Channel 292** on Saturday 19 December from 0900-1000UT on 6070 kHz and 1800-1900 on 3955; and also via **WRMI** on Sunday 20 December from 0300-0400UT on 5800kHz. Second is their **2020 Christmas Special** featuring music by Texas artists including Beto y Los Fairlanes, Eric Johnson and Van Wilks, and Marcia Ball. It will be aired via **WBCQ** on Friday 25 December from 0400-0500 on 7490 It will also be aired

via **Channel 292** on Friday 25 December from 1900-2000UT on 3955 and 6070 kHz. Finally, it will be aired via **WRMI** on Saturday 26 December from 0300-0400 on 9395 kHz.

## **Studio 52**

Two special programs from **Studio 52** will be aired. On Friday 1 January will be their **Happy New Year Show** from 1200-1400UT on 5990 kHz via Nauen, whilst on Saturday 2 January will be a special joint broadcast by **Hitmix Radio and Radio 60!** on 6045 kHz via Nauen.

## **BBC WS**

Unfortunately, at the time of writing I do not have details of Christmas programming from the **BBC WS**, but traditionally **A Festival of Nine Lessons and Carols** is aired live on Christmas Eve. It is based around nine Bible readings, which tell the story of the loving purposes of God. They are interspersed with carols old and new, sung by the world-famous Choir of King's College Cambridge. Normally, the choir leads the congregation in traditional Christmas hymns, however things may be a little different this year due to the coronavirus pandemic. We will have to wait and see. However, assuming this goes ahead in some form, it is likely to air on Thursday 24 December from 1500-1630UT on at least some, or all, of these scheduled frequencies:

9410(Oman),        7445(Madagascar),  
12065(UAE) and    17640(Ascension).

## **Further information**

I will be circulating in the NASWA iog mail list an updated list of the known special seasonal programs due to be broadcast over the Christmas / New Year period, including both music and informational/talk programs. The first issue will be around mid-December and re-issued every few days as new information

becomes available. Meanwhile, my consolidated list of Music Programs on Shortwave has been uploaded to the Articles page of the NASWA Facebook page, and circulated via the NASWA iog mail list.

## **China Radio International**

**China R Int** often gets a bad press in the DX/SWL world, due in part to the large number of transmitters in use at any one time virtually monopolising the bands, however there are some interesting programs to be found, although it is somewhat a matter of luck to find them. One such program is **Selfie**. The topic of this program varies considerably from edition to edition. Sometimes there may be audio from a TV program produced by CGTN, whilst other times there may be a "human-interest" (or real-life) feature from China, or interviews with a well-known Chinese artist, or perhaps a discussion from an ex-pat living in China. There is no way of knowing in advance what topics are coming up. On Saturday 14 November, in the edition that I recorded at 0005UT on 7350 kHz, there was an interesting discussion with Chinese jazz singer and songwriter Jasmine Chung. It included some nice (but short) clips of Chinese jazz, and I couldn't help but feel that some longer clips of music, or even whole tracks, would have added a lot. Nevertheless, it was an interesting 25 minutes.

Jasmine Chung: "A lot of people think that jazz is a western music, it's not suitable for Chinese or cannot be mixed or in combination with Chinese. I think that's wrong because I think that it's a great mix of Chinese element with jazz because Chinese music is so focusing on melody, but jazz is more like the chorus, the structure, the sound, the harmony. So when jazz and the Chinese element mix together – it's perfect."

This appeared to be part two of a longer interview in a series called **Encounter**, which

apparently can be found on the Chinaplust website. (I did subsequently find a few of these episodes, but not this one). **Selfie** is nominally scheduled daily (except Thursday and Saturday) at 1805, and daily (except Friday and Sunday) at 0005, 0405, 0605, 0805 and 1205UT (although sometimes it is

missing at these times, and sometimes is heard at other times).

Wishing everyone all the very best for Christmas and for a much better 2021. Alan

# International Broadcasting

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

## USAGM: Rebuilding the firewall in the new administration

**This is my commentary published in The Hill, November 20, 2020.**

President-elect Joe Biden, who as a senator had a key interest U.S. international broadcasting ([on.cfr.org/2UFQc0z](http://on.cfr.org/2UFQc0z)), is looking at its future. He named Richard Stengel, former undersecretary of state for public diplomacy, to head the transition team ([bit.ly/3feiFV0](http://bit.ly/3feiFV0)) for the U.S. Agency for Global Media.

Under USAGM are the Voice of America, Radio Free Europe/Radio Liberty Inc, Radio Free Asia Inc, Office of Cuba Broadcast (Radio/TV Martí to Cuba), and Middle East Broadcasting Networks Inc (the Arabic-language Alhurra TV and Radio Sawa).

With government officials under President Trump instructed not to cooperate ([wapo.st/2IIqtCN](http://wapo.st/2IIqtCN)) with Biden's teams, the transition for the time being will have to be done from afar. The Trump-appointed USAGM CEO Michael Pack, whose leadership has fomented several controversies ([bit.ly/36TZLIL](http://bit.ly/36TZLIL)) since he was installed in June, might decide to be a benign, if

uncooperative, caretaker until the new management comes in. Or he could impose personnel changes and alterations in content that could diminish the credibility of the USAGM entities, a situation that could take years to repair.

During his campaign, Biden promised to fire Pack ([bit.ly/390wh5o](http://bit.ly/390wh5o)). Pack might try to serve out the three-year term stipulated in the legislation ([bit.ly/35Mn26z](http://bit.ly/35Mn26z)) that replaced the bipartisan Broadcasting Board of Governors with a politically appointed CEO (Pack being the first). If such an attempt ends up in court, a June Supreme Court decision ([nyti.ms/32XZPg8](http://nyti.ms/32XZPg8)) overruling the fixed term of the director of the Consumer Finance Protection Bureau, a victory for the Trump administration, could, ironically, be the undoing of any plans by Pack to stay on at USAGM.

### **The firewall "rule": Easy come, easy go**

Pack has already left his mark by rescinding the firewall "rule" ([bit.ly/36KhJUo](http://bit.ly/36KhJUo)) published in June by the outgoing BBG. The rule, however, was not an act of Congress or

a presidential directive. It was simply language placed in the Federal Register “to codify and memorialize definitions and practices associated with the firewall.” On such shallow roots, this tree was easy to fell. In October, Pack issued a repeal ([bit.ly/2UFsXEc](http://bit.ly/2UFsXEc)), which waved away the firewall rule as readily as it was instituted.

On firmer footing are provisions about journalistic standards included in the International Broadcasting Act of 1994 ([bit.ly/2IVMk9f](http://bit.ly/2IVMk9f)), which was sponsored by then-Senator Biden (and amended several times since 1994). These sections of the Act are often used to bolster the editorial independence ([bit.ly/36VzlNv](http://bit.ly/36VzlNv)) of the USAGM entities. But while the Act giveth independence, it also taketh it away.

The passage most often cited by defenders of the firewall is “United States international broadcasting shall include ... news which is consistently reliable and authoritative, accurate, objective, and comprehensive.” But the same section of the Act also states that United States international broadcasting shall include “clear and effective presentation of the policies of the United States Government.” Politically appointed executives of USAGM and its entities could dial up a ratio that increases “presentation of the policies” at the expense of news. Indeed, Pack has expressed his fondness ([bit.ly/32WWmy3](http://bit.ly/32WWmy3)) for the policies part of the mandate.

And then there is the passage in the Act that states “United States international broadcasting shall ... be consistent with the broad foreign policy objectives of the United States.” This sentence is often cited by detractors ([bit.ly/390pQyT](http://bit.ly/390pQyT)) of U.S. international broadcasting to back up their claims the USAGM’s news organizations are, after all, propaganda agencies.

One can argue that the “broad foreign policy objectives” are served by providing the news that is not available in countries with state controlled media ([bit.ly/32Y0Wwk](http://bit.ly/32Y0Wwk)). On the other hand, a more fundamentalist view of this passage is that news should be selected and phrased to serve those objectives. This would be a credibility killer as the audience would quickly perceive the bias.

### **The real firewall is a bipartisan board**

The letter of the International Broadcasting Act is a minefield. The real firewall is (was) a bipartisan board that acknowledges the spirit of the Act and appoints CEOs, directors, and presidents who are devoted to independent journalism. And with the staggered three-year terms of the old BBG, transitions from one administration to the next were mainly limited to the political majority of the board (the Secretary of State as tie breaker, if decisions ever came to a tie), with directors and presidents of the entities usually staying on board.

It may be years before such a bipartisan board can be restored, it having been dissolved just months ago ([bit.ly/331VV5Q](http://bit.ly/331VV5Q)). In the meantime, President Biden could create an advisory panel. It would consist of respected journalists and media executives, with international experience, representing a spectrum of political orientations. Such a panel would be better off without commentators, pundits, political strategists, and public relations flacks, as important as those professions are. Members should not be so high in their corporate management chains that they don’t have time to attend meetings or to participate in the work of the board.

The main task of the panel would be to recommend to the President a suitably qualified and independently minded CEO of USAGM. And to recommend to the USAGM

CEO the directors and presidents of USAGM's entities.

The panel can also recommend its own replacements as vacancies occur. If the panel distinguishes itself, there is a good chance it will survive into future administrations of either party. And with that, U.S. international broadcasting would

have the provisional firewall it needs to protect its independence, and therefore its credibility, and therefore its ability to compete in a complex global media environment.

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

# Shortwave Center

John Figliozi • 45 Algonquin Rd • Clifton Park, NY 12065 • [jfiglio1@nycap.rr.com](mailto:jfiglio1@nycap.rr.com)

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*For this, the last month of 2020, we have a discussion about the future of radio from radio futurologist James Cridland, a DRM (Digital Radio Mondiale) news item and – as*

*a special Holiday present – a trio of shortwave history tales from Dr. Adrian Peterson. Here's wishing all NASWA members the very best of the Season.*

## The Future of Radio is Real, Relevant and Multi-Platform

Published in BizCommunity (South Africa)

10/20/2020

Exciting new technologies promise to make radio more accessible and engaging than it has ever been. This includes app-based platforms that enable broadcasters to engage with listeners like never before, software that lets producers edit sound as easily as a text document, and a 'radio station in a bucket' that turns a mobile phone onto a broadcast hub.

That's according to radio futurologist James Cridland, who believes that while innovations like these point to a bright future for the over 100-year-old medium, it'll take more than adopting cool new tech to succeed in the increasingly splintered and diverse arena that radio is evolving into.

Radio is more than just AM and shortwave, more than big, old fashioned transmitters. Radio is a shared experience with a human connection," he said during a recent webinar on the future of radio hosted by Fabrik, a South African-developed software platform for broadcasters and community groups.

"That shared experience is something that [streaming music service] Spotify can't offer. It's something that somebody's CD player can't offer," he said, adding that this also applied to radio stations who just play non-stop music. "There's no human connection there. There's no real shared experience.

### **A century-old medium that keeps getting better**

For those cynical about radio's future, Cridland had this to say: People have been predicting the demise of the medium since

1894 when Lord Kelvin, president of Britain's top science academy, the Royal Society, famously said: "Radio has no future".

"When television came along, everybody assumed that radio was going to die. Of course, that wasn't the case. New technology arose that fixed a lot of the things that radio lacked. We were able to get radio into cars, and transistor technology ultimately shrunk radios and put them into our hands."

Similarly, dire predictions about the imminent death of radio accompanied the rise of the World Wide Web yet, "Radio is still tremendously powerful and tremendously popular," Cridland said, citing figures from many countries around the world that show nine out of 10 people tune into the radio every week.

People are listening to live radio on an increasingly diverse range of devices. While the traditional FM/AM receiver remained the most popular, many people, particularly younger listeners, are listening on tablets, smart speakers and TV sets - using services like DStv in South Africa.

But when it comes to mobile phones, live radio is a much smaller component of the audio consumption experience than it is on laptops and tablets. Cridland said people who listened on their phones favoured on-demand content like podcasts or their own music collections.

Listening patterns also varied significantly according to age, with younger people favouring a mix of live and on-demand content, while older people mainly listen to live radio.

Another trend Cridland identified was the difference in use between loudspeakers and headphones. "Loudspeakers are generally used for live radio, while headphones are for

on demand audio. Headphones are used to give people things they want to listen to right now, whereas loudspeakers accompany people as they go about their daily activities."

### **But what about content 'on demand'?**

He cautioned that while as many people as ever are listening to live radio, the amount of time they're devoting to it has declined, with younger people increasingly favouring on-demand content like podcasts and streaming music.

Cridland said this trend should prompt broadcasters to reconsider the widely held notion that live content is always better, when in fact there were technology issues associated with live radio that often put it at a disadvantage compared to on-demand content.

"For example, if you're doing a live interview, you can't edit that interview to make it snappier and more interesting. You're stuck with whatever it is that you're broadcasting live. As an advocate for radio, this concerns me, because our competitors can polish interviews, and can make stories far more compelling by post-producing them."

It also means a lot of good content is disappearing. "We broadcast it once and it's gone. That's a big mistake. We should be making it available to as many people as we can, in as many different ways as we can."

One solution, said Cridland, would be for broadcasters to incorporate pre-produced content into live radio. "Polishing things first instead of broadcasting them live works better than taking live content and then editing it down for on-demand consumption."

He said Apple Music's recently launched radio stations were a good example of this. "These three stations are free to anybody with an iPhone or a Mac computer. When you listen to them, you realise that a bunch of pre-production has gone into them.

"These shows have been specifically built for on-demand consumption and then broadcast on a radio station. And that means you can get more use out of your content. It means that you can put your content in loads of different places. It also means that the audio sounds really good and polished."

### **Use data to keep you 'real and relevant'**

Cridland said that while live and local is an important part of radio, it's only a part of the future of radio, with being 'real and relevant' to your audience just as significant.

"Having relevant content may be talking about things that are going on locally, but it may also be talking about things that are relevant to your audience, which requires knowing who your audience is. This is why having data, having stats, is a really important tool. And we can get a lot more data and stats from online radio than we can from, FM and AM broadcast radio."

"We need to meet audiences where they are and it's a dumb broadcaster that tries to control them, that sits there and says 'we're a radio station, we're only going to broadcast on FM and AM', or 'we're only going to put our audio into our own app'. That might've worked 30 years ago. It doesn't work now. You can't control your consumer because if you try and control your consumer by pushing them and bullying them, they won't be your consumer anymore."

## No Luck for DRM in the FCC AM Order

By Paul MCclane

PUBLISHED: OCTOBER 28, 2020

Radio World

Digital Radio Mondiale was hoping that the Federal Communications Commission would consider allowing its technology as an all-digital option for AM stations in the United States, along with HD Radio. But the FCC disappointed it.

In its order allowing AM stations the option to turn off their analog and broadcast the MA-3 mode of HD Radio, the commission noted the interest in "alternative technologies.

"Many commenters agree that all-digital AM broadcasting should be allowed but object to HD Radio as the sole authorized transmission technology," it wrote.

"Specifically, commenters urge us to consider the Digital Radio Mondiale all-digital transmission technology on the grounds that it: (1) offers equal or better sound quality to HD Radio at lower bitrates; (2) can transmit metadata as well as emergency alerts, multicast subchannels, and a data channel; (3) is energy- and spectrum-efficient; (4) uses a superior audio codec; (5) is not susceptible to interference; (6) is not owned or controlled by a single company; and (7) has been used successfully in other countries and is the approved technology for shortwave broadcasting in the United States."

But the FCC said the request was “beyond the scope of this proceeding.”

It said it needed to move expeditiously on this all-digital proposal; and that if parties believe that it should re-evaluate HD Radio and consider alternative technologies, “we would need to evaluate a fully developed proposal including data such as laboratory and field testing, similar to the petition for rulemaking that formed the basis of this proceeding.”

In the absence of data regarding DRM performance in the U.S. AM band, the FCC said it cannot evaluate its merits based just on assertions of its proponents.

## SHORTWAVE HISTORY

### ADRIAN PETERSON'S DIARY

#### **A Hundred Years of Radio Broadcasting in Argentina: The Radio Scene During the Malvinas War**

Written in Spanish by Arnaldo Slaen, well-known international radio monitor and DX Editor, RAI; translation into English by Fernando Farias, English Service, RAI; edited for broadcast on shortwave radio by Dr. Adrian Peterson.

During the year 2020, Argentina is celebrating its centenary of radio broadcasting, and there are several important and interesting milestones along this century of radio in our country, says Arnaldo Slaen in Buenos Aires. On this occasion, he continues, we focus on the radio events that were associated with the 1982 Malvinas War, a conflict that was waged on various fields: military, economic, diplomatic, and, of course, radio communication.

“In the present proceeding, we authorize all-digital HD Radio operations now for the same reasons the commission authorized hybrid HD Radio operations in 2002: it is currently the only ‘feasible, near-term digital technology option’ before us and the adoption will ‘provide regulatory clarity and ... compress the timeframe for finalizing the rules and policies that will affect the ultimate success of this service.”

However the commission said this does not foreclose future consideration of alternative transmission technologies.

Up until April 2, 1982, the Malvinas Islands had one radio broadcasting station; the Falkland Islands Radio Service (FIBS), with its broadcasts entirely in English. Programming content aired included locally-produced programs as well as news services from the BBC London. FIBS broadcasts were noted on two channels, on 536 kHz mediumwave and on 2370 kHz, 120 m, in the tropical shortwave. The AM frequency was intended for coverage of the Port Stanley area, though the shortwave transmissions extended the signal a little further.

From mainland South America, English-language broadcasts from Radio Argentina al Exterior (RAE) and Radio Noticias Argentinas also targeted the archipelago. In addition, there was also a special service on shortwave from the BBC in London aimed at the Malvinas Islanders who were known locally as “Kelpers.” On television, Channel 9 in Río Gallegos could be picked up on the Islands every now and then.

After Argentine troops seized the archipelago on April 2, 1982, the local radio landscape changed dramatically. The FIBS plant was captured by the Argentine military, and its radio facilities were converted into the studios of the newly-designated LRA60, Radio Nacional Islas Malvinas, and it joined the national network of Radio Nacional Argentina.

During this era, the radio station was manned by several Argentine personnel, including sound engineer Ernesto Manuel Dalmau, operator Fernando Héctor Péndola, and presenter Norman Carlos Powell.

During the war, FIBS presenter Patrick Watts continued as a speaker on the radio, as the new Argentine authorities thought it was a good idea to take advantage of his knowledge of the local environment and his fluent command of the English language as spoken in the Malvinas. This proved subsequently to be a gross miscalculation by the Argentine Armed Forces, since Watts covertly provided valuable military and strategic information to the British, such as, for example, saying on air that the airport remained operational, despite British bombardment.

During the war and until it ended, LRA60 Islas Malvinas transmitted programs also via a cable system in Puerto Argentino, as Port Stanley was renamed by the military authorities, in addition to 536 kHz on mediumwave and on 2370 kHz on shortwave. Programs were also retransmitted on other shortwave frequencies as a relay to the South American mainland, and in this way its programming was received and retransmitted by other radio stations throughout Argentina. On several occasions, LRA60 was the head for the entire Argentine network of stations that integrated the now defunct FIBS National Broadcasting Service.

Additional frequencies that were used as relays from the Malvinas Islands to mainland Argentina were 15890 KHz and 24146 KHz, and these were transmitted from station VPC, the communication radio station which was previously installed by Cable & Wireless. Station VPC operated in upper single sideband mode (USB) and it had been previously in use as the point-to-point communication link from the islands to the United Kingdom, up until the outbreak of the conflict.

The programming from the Argentine-operated LRA60 was quite varied, and it included music in English and Spanish, sports broadcasts picked up directly from the BBC, and community announcements for rural and city dwellers. Regular broadcasts specially prepared for the rural population in estancias and farms across the archipelago continued also.

During those feverish days, broadcasts to the Malvinas from the mainland intensified. Special programs were put on the air by RAE and Radio Noticias in Argentina, on shortwave (6060 kHz). In addition, program content aired by LRA11, Radio Nacional Comodoro Rivadavia, in Chubut, and LRA24, Radio Nacional Rio Grande, in the province of Tierra del Fuego, were also beamed to the Malvinas Islands.

The LRA60 medium wave signal in Puerto Argentino (Port Stanley) was also used to announce and to coordinate inbound flights with the rural population of the two most important islands of the archipelago, which the Argentinians called Gran Malvina and Soledad, and the British called simply East Falkland and West Falkland. These flights were bringing mail and medications from the mainland whenever British bombing of the runway didn't make that impossible. On some occasions, cargo was otherwise dropped from the air.

After May 1, 1982, mediumwave and shortwave signals from the Malvinas were frequently silenced intentionally, since the information given on air was picked up by radio monitors in Chile who were working with the British. These radio transmissions therefore became intermittent, often without any programming content, so that the signal could be used as a homing beacon by incoming Argentine aircraft. The one major exception was the broadcast of the visit by Pope John Paul II to Argentina, which occurred near the end of the conflict. However, throughout the rest of the conflict LRA60 continued to broadcast via the cable system in Port Stanley itself.

A few days before June 14 (1982), when the British recaptured the islands, LRA60, Radio Nacional Islas Malvinas, went off the air due to a power outage as a result of heavy British bombing. Amid the heavy fighting, the station's medium wave antenna and its transmitter were destroyed also.

However, let's go back now to the early days of the conflict. When the United Kingdom announced it was sending a massive "Task Force" with the aim of retaking the islands, the Argentine government launched a propaganda radio station which was identified on air as "Liberty." This shortwave radio station, which aired its messages in English, was aimed at British troops on their way across the Atlantic on board dozens of warships and support ships.

Radio "Liberty" in Argentina transmitted on shortwave, on the 16 meter band frequency of 17,740 kHz, and its goal was to discourage British soldiers and sailors by telling them that they were making a "useless sacrifice for a distant territory that was unknown to them." "Liberty" was personified by a sweet and friendly female voice (known among the British troops as Argentine Annie) that asked listeners, "would they not rather be at

home, watching a football game, cheering for their teams," or telling them, "you have written to your girlfriend. I know you are dying to see her again."

In her programming, Radio Liberty would say that her voice could be heard every day in a beautiful house in Belgrave Square (London, England), or in a boat sailing on the sea (Atlantic Ocean). "Hello I am Liberty. I myself decided to show to the whole world what life is like in a place that is far away from you; in the Malvinas, in the Sandwich Islands, in South Georgia. I am a voice, a life, a country" were her words, with the song "Yesterday" by the Beatles playing in the background.

Many years after the end of the war, it was revealed that journalist Silvia Fernández Barrios was the voice of Liberty. At the time, she was an announcer for Argentina Televisora Color (LS82 TV, Channel 7). Reporter Enrique Alejandro Mancini collaborated on the content production for her programming.

In addition to Radio Liberty, Argentine military authorities at the time sought to offer entertainment options for Argentine troops in the Malvinas and in Patagonia, by retransmitting on shortwave three of the most popular stations of the time: LS10, Radio del Plata (very popular among young people for its music); LS5, Radio Rivadavia's sports programs; and LS4, Radio Continental.

It is essential to point out that all these radio stations, with a few exceptions, had been under military management since 1976, and their programming was strictly censored.

For their part, the British government also operated their own clandestine station called Radio Atlantico del Sur that broadcast to the occupation forces in Spanish from shortwave

transmitters on Ascensions Island, some 4,000 miles to the north east.

This report would be incomplete if we did not point out that on the international level, all the major international broadcasters in the world devoted extensive space to events ongoing on the islands in the South Atlantic. During the Falklands, or Malvinas, conflict, the BBC increased the length of their transmissions in Spanish for Latin America, and as well they added more broadcasts in English aimed at the inhabitants of the islands.

After May 1, 1982, this war of “the airwaves” intensified. While the BBC complained that the transmissions of its Latin American Service were being interfered with by Argentina, the authorities of Radio Nacional in Buenos Aires informed conversely that their shortwave services were being jammed from North America.

On the auspicious occasion of commemorating such a special date as the centenary of radio broadcasting in Argentina, we cannot fail to recall the role of radio in particular during what they called in 1982 the Malvinas War.

## The Early Shortwave Scene in Nepal

The August issue of the monthly American radio magazine NASWA Journal contains a brief item of information regarding the radio scene in the landlocked country of Nepal, over there on the edge of the high Himalaya Mountains. This news item, via the WRTVHB Monitor, states that the low power shortwave transmitter in Nepal noted on 5005 kHz has been closed as of mid-June (2020).

We would ask a double question: Which shortwave transmitter in Nepal was closed in mid-June, and at which location? In an attempt to answer this question, we investigate the entire spectrum of the shortwave scene in Nepal over the past almost one hundred years, and after that we will then be able to identify the specific old shortwave transmitter that was recently closed, together with its location.

The mountainous country of Nepal lies as a buffer state between its huge and considerably larger neighbors, China and India. The country itself is 500 miles long and 150 miles wide. The northern areas are

composed of rugged and high mountain ranges, and the southern areas are made up of farmlands and villages, though in many locales it is still quite hilly. The total population of Nepal is in the range of 27 million, and their capital city is Kathmandu with around 3/4 million inhabitants.

As in other parts of the world, Nepal has undergone its share of woes due to the ravages of the China Virus. Latest statistics from Nepal indicate that the total number of known cases is approaching 40,000, with a total of 200 known deaths.

Nepal’s tourism industry, again as in so many other countries, has been hard hit by government-restricted travel and stay-at-home orders. In March, the government withdrew all trekking and climbing permits for climbing Mt. Everest, a major blow to the country’s tourism-driven economy.

The story of shortwave broadcasting in Nepal began in the year 1939 when on November 20, Radio Kathmandu was noted in the United States on 14780 kHz with a program

of music and announcements in both English and one of their local languages. This broadcast, in which reception reports were requested, was made from a low-powered communication transmitter, and it was the first of seven informal, irregular, unofficial and official attempts at shortwave broadcasting. Those low-powered broadcasts from Radio Kathmandu around the end of the year 1939 and into early 1940 were heard also by two or three other international radio monitors in the United States.

Five years later, the Voice of the Himalayas was noted, in the United States again, with a six hour program of broadcasting on 11790 kHz. That program service was noted in March 1945, their second attempt at shortwave broadcasting in Nepal.

During the month of December in the following year (1946), the Royal Prime Minister Padma Shamsheer Rana inaugurated a radio broadcasting service with the use of a hybrid transmitter that was constructed from radio receivers that were brought in by Nepali soldiers returning home after the war. This low-powered 5 watt station, known as Nepal Broadcasting, was operated by the city electricity authorities, and it was on the air daily for one and a half hours for a few months into the new year 1947. That was Attempt No. 3.

Then a year later, in January 1948, the same Royal Prime Minister Padma Shamsheer Rana reintroduced a radio broadcasting service utilizing the same hybrid transmitter with a few additional modifications. On this occasion, his station was on the air under the same city electrical authority, this time until around mid-year. That was Attempt No. 4 in our list of seven early attempts at shortwave broadcasting in Nepal.

Later that same year (August 1948), the same Prime Minister made his third attempt

to establish a regular broadcasting service, this time with the use of two imported radio transmitters. Once again, success was achieved for only a short period of time.

### **Attempt No. 5.**

Then, on December 13, 1950, at 8:30 pm, a new shortwave voice was heard from Nepal, and the actual location of that station was Biratnagar in eastern Nepal, close to the border with India. That station operated with 250 watts in the 41 metre band, and it was Attempt No. 6 at establishing a shortwave broadcasting service in Nepal.

It was a successful attempt, because out of that station the real Radio Nepal was established. In fact, it is true that all of those earlier radio ventures did at least succeed in one matter; they were paving the way for what finally became a regular radio broadcasting service in Nepal.

However, a dozen years after the official Radio Nepal was inaugurated, there was an interesting attempt to introduce another shortwave service for coverage in Southern Asia, a commercially operated Voice of the Himalayas. This new shortwave commercial service in Nepal was intended to rival and outrank the widely popular Commercial Service of Radio Ceylon.

An advertisement for the projected high-powered Voice of the Himalayas was printed on page 50 in the 1963 edition of the WRTVHB. This half-page advertisement indicated that a radio organization in Switzerland planned to establish a commercially operated shortwave service in Nepal that would be on the air in ten languages; that is, seven languages of Asia as well as English, French and Spanish.

Nothing culminated regarding the projected Voice of the Himalayas shortwave radio

broadcasting station, nothing whatsoever. All that we can presume is that the government of Nepal simply refused to issue a broadcasting license.

That was attempt No. 7 in the story of seven attempts (informal, irregular, unofficial and official) at early shortwave broadcasting in Nepal.

## Australian Shortwave Callsign VLT

As we move through the alphabetic list of Australian three-letter shortwave callsigns in the VL series, we come to the callsign VLT. All of these VL callsigns were allocated originally for use by the neighboring country of New Zealand, and initially they were usually applied to locally registered ships that plied the Pacific in the passenger/cargo trade.

Our Australian callsign, VLT, was applied first to the New Zealand registered cargo/passenger ship the Maitai. This ship was built for Pacific service by Swan & Hunter at Newcastle-on-Tyne in England in 1892, though initially it was known as the Miowera, an Australian Aboriginal word meaning (the large flightless bird) the Emu.

During its first year, the Miowera was wrecked in Honolulu Harbor; and subsequently in a fiord in Norway; and later again it lost a propellor in the Pacific and floated aimlessly with 200 people aboard for two months. Just seven years after it was launched, the Miowera was sold to the Union Steamship Company of New Zealand, where it was renamed Maitai in honor of a river in the South Island of New Zealand.

During a visit to England in 1910, wireless equipment was installed on the SS Maitai, and it was allotted the Marconi callsign MGM. This ship also carried a batch of new wireless equipment for installation by the government at various locations in New Zealand. Just before the beginning of World War I, the Maitai callsign MGM was dropped

in exchange for a New Zealand allocation as it was back then, VLT.

On Christmas Day 1916, the Maitai was again wrecked, and this time permanently. This ship, with a consignment of Model T motor cars, ran aground on South Reef at Avarua in the Cook Islands.

During the following year (1917), a German raider ship, the Seeadler (Sea Eagle), under the captainship of Felix von Luckner, approached Avarua at night with the intent of shelling the main town. However, when the German sailors observed the wrecked steamship on the reef, they mistook it for an armed navy vessel, and so the Seeadler hastily departed.

Another ship that plied the Pacific on behalf of the Union Steamship of New Zealand was subsequently allotted this VLT callsign, and that was the SS Kaituna. This is what happened.

The Kaituna was a general freighter, built by Osbourne & Graham at Sunderland in England in 1904 under its original name, Needwood. During the following year (1905), the Needwood was purchased by the same Union Steam Ship Co. of New Zealand and renamed Kaituna, also in honor of a river in New Zealand, though this time in the North Island.

During the year 1914, the previously mentioned ship Maitai was requisitioned by the New Zealand navy as a troop carrier, and

the VLT callsign was dropped in favor of a navy callsign. During the following year (1915), the vacant callsign VLT was then recycled and allocated to the Kaituna. This ship was sold to Hong Kong in 1931, it was captured by the Japanese during the Pacific War, and it was wrecked off the coast of Japan ten years later.

The next usage of the callsign VLT was in New Guinea under the Australian mandate. Gold was discovered at Bulolo during the Australian colonial era, and dredging was commenced in 1932. Soon afterwards, the well-known Australian radio company AWA established a wireless station at Bulolo under the irregular callsign GF, indicating Gold Field. However, during the following year (1933), the station was granted a regularized callsign, VLT. (By that time, the radio callsign prefix for New Zealand had been changed from VL to ZL, and the VL sequence had been transferred to Australia and its territories.)

In February 1940, international radio monitors in the United States noted that the new shortwave service Australia Calling (Radio Australia) was heard on several occasions under the callsign VLT. This temporary usage of the VLT callsign was from a well-known AWA transmitter at Pennant Hills, Sydney, which was on the air as a fill-in by the old VK2ME when other transmitters were under maintenance. The occasional frequencies in use were 9590 kHz, 9650 kHz, and 9610 kHz, all of which were verified

accordingly. Four years later, VLT was noted again in the United States, on 11800 kHz.

Back to New Guinea again, and this time we find that the Australian shortwave callsign VLT was officially applied to a new 2 kW ABC transmitter that was installed near Port Moresby. This unit was taken into service on August 2, 1948, and it was on the air on three different frequencies: VLT5 7280 kHz, VLT6 6130 kHz, and VLT7 9520 kHz.

On October 29, 1963, a new 10 kW shortwave transmitter replaced the original 2 kW unit; and when Papua New Guinea obtained independence on December 1, 1971, the callsign VLT was changed to P2T.

Back towards the end of last century, Radio Australia operated a temporary shortwave relay station at coastal Carnarvon in Western Australia. One of the three transmitters in use in this facility was designated as VLM, at 300 kW. In the mid-1990s, this station was progressively closed and the equipment was transferred to other locations.

At that stage, Radio Australia announced that the 300 kW VLM at Carnarvon would be installed at Radio Australia, Darwin, as VLT. However, before the 300 kW VLM was removed from Carnarvon and re-installed at the Cox Peninsula, Darwin station, two brand new 250 kW Thomson units were installed, one of which took over the VLT service. But then, the Darwin station was soon afterwards sold, and subsequently unceremoniously closed and dismantled.

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



# Listener's Notebook

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

Times are UTC and frequencies in kHz.

**ABKHAZIA** Abkhazia is a partially recognised state controlled by a separatist government on the eastern coast of the Black Sea and the south-western flank of the Caucasus. It considers itself an independent state, called the Republic of Abkhazia or Apsny. This status is recognized by Russia, Nicaragua, Venezuela, Nauru. The Georgian government, the UN and the majority of the world's governments consider Abkhazia a part of Georgia's territory, though Georgia does not control it. Under Georgia's official designation it is an autonomous republic, called the Autonomous Republic of Abkhazia. Abkhaz Radio (Apsua Radio) Abkhaz Radio has been on the air since 1992 broadcasting from Sukhumi, capital of the self-declared Republic of Abkhazia in NoWeGeorgia. It broadcasts programmes in Abkhaz, Georgian and Russian, and when not carrying its own programmes relays various others services from the neighbouring Russian North Caucasus region. The shortwave transmitter on 9535v kHz has not been heard recently. (Rumen Pankov-Bulgaria, RUSdx Nov 8/TopNews)

**ANGOLA** 4950, R. Nacional de Angola, Angola, Mulenvos; 30/10, 0039 – 0043 2 female in Portuguese debate about familiar convenience in quarantine; “há um momento com novas regras impostas...afinal, que lições que as nossas famílias podem tirar desse período de convivência, nesse período de pandemia...há muitas famílias que colocaram ordem em suas casas..., rapazes e raparigas, todos conseguem distribuir tarefas...”. Good, clear. (Lúcio Bobrowiec-

Brazil/The Mosquito Coast via Bob Wilkner-FL)

**ANTARCTICA** 15476 (USB), LRA 36, Radio Nacional Arcángel San Gabriel, F/D eQSL about Saturday 26th September special transmission "Maratón", in 7 days. Reception report sent to: [tranalra36@radionacional.gov.ar](mailto:tranalra36@radionacional.gov.ar). (Manuel Méndez-Spain/DX Fanzine) According to their QSL Europe not easy. (Harald Kuhl-Germany/British DX Club)

**ARMENIA** Winter B-20 of Radio Iran International:  
0200-1400 on 11550 ERV Farsi  
1400-0200 on 6270 ERV Farsi (DX Mix-Bulgaria) in Persian to Iran ; includes relays of London-based Iran International TV, an opposition TV channel broadcasting to Iran (British DX Club)

Updated schedule of Radio Iran International as November 2:  
0430-1200 on 11550 ERV Persian, ex 0200-1400  
1200-0430 on 6270 ERV Persian, ex 1400-0200 (DX Mix-Bulgaria)

Frequency change of Trans World Radio India from October 28:  
1315-1445 NF 9290 ERV, ex 9300\*various langs incl.  
1345-1420 Hin & 1420-1425 Eng Mon-Fri/1345-1415 Hin & 1415-1445 Eng Sat/Sun.  
\*vary time on 9300 unknown kW / unknown to EaAs Chinese CNR-1 Jamming vs. SOH (DX Mix-Bulgaria)

**BANGLADESH** Bangladesh Betar Ext. Sc is again in B-20 HFCC Database:

1230-1300 on 15105 DKA English

1315-1345 on 9455 DKA Nepali, alt.7250

1400-1430 on 15505 DKA Urdu

1515-1545 on 15505 DKA Hindi

1600-1630 on 7250 DKA Arabic

1630-1730 on 7250 DKA Bangla

1745-1900 on 13580 DKA English, alt.7250/13860

1915-2000 on 13580 DKA Bangla, alt.7250/13860. All other frequencies of NBA with remarks Unid language are "wooden" registration. But probably Bangladesh Betar Ext. Service will be again on air in 60mb as follows 1230-2000 on 4750 SHV Eng/Nep/Urdu/Hin/Ara/Ban/Eng/Ban. (DX Mix-Bulgaria)

**BOLIVIA** 3310, R. Mosoi Chaski, Cochabamba; 03/11, 0005 – 0011 local pop music, male announcements in Quechua. After listening to the recording with this clear signal, I think I should record a little more. Good, clear. (Lúcio Bobrowiec-Brazil/The Mosquito Coast via Bob Wilkner-FL)

5952, Emissoras Pio XII, Bolivia, Siglo Veinte; 20/10, 0010 – 0017 music, male and female in Spanish talks. Poor, few words readable, distorted. (Lúcio Bobrowiec-Brazil/The Mosquito Coast via Bob Wilkner-FL) 5952, Emissoras Pio XII, Siglo Veinte; 07-08/11, 2253 – 0002 male and female in Spanish ads about medical examination clinic: "cálculos de vesícula...cancer de próstata...mediante tomografía prostática...a partir de la siete de la mañana...telefono 70570584" local pop music. Fair signal level, partial readable, distorted. (Lúcio Bobrowiec-Brazil/The Mosquito Coast via Bob Wilkner-FL)

**BRAZIL** Radio Inconfidencia, 15190.1 reactivated after months out of air, heard in Friol now. 15190.1, Radio Inconfidencia, Bello Horizonte, 1017-1035 on Oct 21, reactivated after months out of air, hear

with comments in Portuguese, Brazilian songs and pop songs in English, identification at 1029: "Rede Inconfidencia de Radio", "A Radio Inconfidencia...", program "Em Boa Companhia". Strong fading. 25411. (Manuel Mendez-Spain/British DX Club)

4885, Nov 9, 0520, Radio Clube do Pará, Belém, Brazilian songs, id. "Bom dia, você esta ouvindo Clube na Madrugada..., Radio Clube, 4885 kHz, onda tropical, emisoras da rede Amazonia de Comunicação, Pará, Amazonia, Brasil". (Méndez-Spain/Shortwave Bulletin)

9818.9, Nov 11, 1904, R. 9 de Julho, São Paulo SP. Songs, anns. 25342. (Carlos Gonçalves -Portugal/Shortwave Bulletin)

**CHINA** Winter B-20 of CNR-1 Voice of China in DRM mode

0000-0400 on 13850 QIQ Chinese

0100-0400 on 15180 KUN Chinese

0100-0800 on 17830 URU Chinese

0100-0900 on 11695 DOF Chinese

0100-0900 on 13825 BEI Chinese

0100-0900 on 17770 DOF Chinese

0400-0800 on 17800 KUN Chinese

0400-0900 on 11995 QIQ Chinese

0800-1100 on 15180 KUN Chinese

0800-1200 on 9655 URU Chinese

0900-1200 on 13710 QIQ Chinese

2030-1800 on 6030 BEI Chinese

2200-0100 on 9655 URU Chinese (DX Mix-Bulgaria)

**CHINA (Tibet)** 4920, Holy Tibet Lhasa, Oct 23 at 1611 - Excellent reception with this English program, with lots of mentions of the travels of pro-Chinese Panchen Lama. At 16:18, ad for people who listen to the Holy Tibet, 'friends for life', including John Rutledge from Canada. Weather at 16:22. ID at 16:22. // frequencies heard: 4905 (even stronger), 6025 (poor/fair due to DRM hash from China on 6030), 6110 (poor/fair), listed 6130 buried in adjacent splatter. 6200

(good). 7255 (fair/good). 7385 is also listed, but only another Chinese station here. (Salmaniw-BC/DXplorer)

**CLANDESTINE** Some changes of clandestine broadcasts via MBR from November 1:

Voice of Oromo Liberation

1700-1730 on 9610 NAU Afan Oromo Wed/Fri/Sun

1730-1800 on 9610 NAU Afan Oromo Wed, deleted

Dandal Kura Radio International

1800-1830 on 9850 ISS Kanuri, ex 1800-1900 (DX Mix-Bulgaria)

Oromia National Media via Spaceline (Bulgaria) B20 schedule:

1630-1730 Mon/Wed/Fri 11965-soft in Oromo (Ivo Ivanov HCDX/BC-DX/British DX Club)

Voice of Yiakl ("Dimtse Yiakle") is a weekly opposition broadcast to Eritrea brokered by WRMI:

1530-1600 Saturdays on 17545-iss (WRMI schedule/Dave Kenny-UK/British DX Club)

National Unity Radio on new 9950 October 25:

1100-1500 NF 9950 DB Korean, instead

1100-1300 on 7355 DB Korean in B-19&

1300-1400 on 9445 DB Korean in B-19! (DX Mix-Bulgaria)

National Unity Radio on unknown frequency 13-14 October 30/31:

1100-1258 NF 7200 DB Korean as scheduled from October 25

1300-1400 NF ???? DB Korean, ex 9950 till October 29, to avoid on same 9950 KCH 300 kW / 098 deg to SoAs various TWR India co-ch from 1345. (DX Mix-Bulgaria)

Updated schedule of National Unity Radio, Nov. 1:

1100-1300 on 7200 DB Korean, unchanged

2100-2200 on 5985 DB Korean - new time

1300-1400 on 9950 DB Korean is deleted (DX Mix-Bulgaria)

Radio Free North Korea on 7600 October 25: 1300-1400 NF 7600 TAC Korean, instead 1200-1430 on 7590 TAC Korean in B-19! (DX Mix-Bulgaria)

Voice of Wilderness on 7625, October 25:

1400-1500 on 7625 TAC Korean, same as A-20

1500-1530 on 7625 TAC Korean Sun, as A-20! (DX Mix-Bulgaria)

North Korea Reform Radio on 7590, October 25:

1430-1530 on 7590 TAC Korean, same as A-20

B-20 schedule of Voice of Martyrs:

1200-1230 on 9930 TAC Korean

1530-1600 on 7530 TAC Korean

2100-2130 on 7530 TAC Korean (DX Mix-Bulgaria)

Clandestine broadcasts via Dushanbe and Tashkent. Some frequencies are under RED Red Telecom in HFCC Database September 14, but deleted later:

1100-1300 on 7200 DB Korean National Unity Radio

1200-1230 on 9930 TAC Korean Voice of Martyrs

1300-1400 on 7600 TAC Korean Radio Free North Korea

1400-1500 on 7625 TAC Korean Voice of Wilderness

1430-1530 on 7590 TAC Korean North Korea Reform Radio

1500-1530 on 7625 TAC Korean Sun Voice of Wilderness

1530-1600 on 7530 TAC Korean Voice of Martyrs

2000-2100 on 7550 TAC Korean Radio Free North Korea

2030-2130 on 7590 TAC Korean North Korea Reform Radio

2100-2130 on 7530 TAC Korean Voice of Martyrs

2100-2200 on 5985 DB Korean National Unity Radio (DX Mix-Bulgaria)

Winter B-20 schedule of JSR Shiokaze/Sea Breeze:

1300-1400 on 6145 YAM various langs  
1300-1400 on 7295 YAM various langs  
1300-1330 Japanese Mon/Tue/Sat/Sun;  
Korean Wed/Fri; English Thu;  
1330-1400 Korean Wed/Fri/Sat/Sun;  
Japanese Mon/Tue; English Thu.  
1600-1700 on 5990 YAM various langs  
1600-1700 on 6085 YAM various langs  
1600-1630 Japanese Mon/Tue/Sat/Sun;  
Korean Wed/Fri; English Thu;  
1630-1700 Korean Wed/Fri/Sat/Sun;  
Japanese Mon/Tue; English Thu. (DX Mix-Bulgaria)

Winter B-20 schedule of Furusato no Kaze via JSR Shiokaze:

1405-1435 on 6045 YAM Japanese Daily  
1405-1435 on 7270 YAM Japanese Daily (DX Mix-Bulgaria)

Winter B-20 schedules of Nippon no Kaze and Furusato no Kaze via ENC-DMS Tashkent & Tamsui District

Nippon no Kaze

1300-1330 on 5895 TAC Korean  
1300-1330 on 7295 TSH Korean  
1300-1330 on 9705 TSH Korean  
1500-1530 on 5945 TAC Korean  
1500-1530 on 7290 TSH Korean  
1500-1530 on 9800 TSH Korean  
1530-1600 on 5945 TAC Korean  
1530-1600 on 7290 TSH Korean  
1530-1600 on 9800 TSH Korean  
1630-1700 on 6155 TSH Korean

Furusato no Kaze

1330-1400 on 5895 TAC Japanese  
1330-1400 on 7295 TSH Japanese  
1330-1400 on 9705 TSH Japanese  
1430-1500 on 5895 TAC Japanese  
1430-1500 on 7290 TSH Japanese  
1430-1500 on 9560 TSH Japanese  
1600-1630 on 5945 TAC Japanese  
1600-1630 on 6045 TSH Japanese

1600-1630 on 9690 TSH Japanese

1700-1730 on 6155 TSH Japanese (DX Mix-Bulgaria)

B-20 of National Unity Radio on new 9950, updated:

1300-1400 NF 9950 DB Korean, ex 9445 B-19 (DX Mix-Bulgaria)

B-20 schedule of National Unity Radio, final version:

1100-1258 NF 7200 DB Korean, ex 7355 in B-19

1300-1400 NF 9950 DB Korean, ex 9445 in B-19 (DX Mix-Bulgaria)

Winter B-20 schedule of Voice of Tibet:

1300-1305 on 9899 DB Tibetan  
1305-1310 on 9891 DB Tibetan  
1310-1330 on 9884 DB Tibetan  
1330-1335 on 9876 DB Tibetan  
1330-1344 on 9864 DB Tibetan  
1335-1340 on 9886 DB Tibetan  
1340-1400 on 9894 DB Tibetan  
1344-1400 on 9814 DB Tibetan  
2300-2307 on 7494 DB Tibetan  
2307-2335 on 7476 DB Tibetan  
2335-2340 on 7486 DB Tibetan  
2340-2400 on 7499 DB Tibetan (DX Mix-Bulgaria)

New frequencies of Voice of Tibet, November 13:

1300-1305 NF 9864 DB Tibetan, ex 9899  
1305-1310 NF 9886 DB Tibetan, ex 9891  
1310-1330 NF 9899 DB Tibetan, ex 9884  
1330-1335 NF 9894 DB Tibetan, ex 9876  
1330-1335 NF 9864 DB Tibetan unchanged  
1335-1340 NF 9876 DB Tibetan, ex 9886  
1335-1400 NF 9814 DB Tibetan unchanged  
1340-1400 NF 9864 DB Tibetan, ex 9894 (DX Mix-Bulgaria)

7200, National Unity Radio, via Dushanbe, 1145, Nov 12. Very brief (about one and a half minutes) English language lesson; in Korean and one sentence in English ("I will finish on time today") repeated about four

times; started and ended with the pop song "ABC" by the Jackson 5; seems to be a daily spot, as yesterday heard "I couldn't sleep last night due to insomnia"; good reception; NUR scheduled \*1100-1258\*. (Ron Howard-CA)

9720, Dimtse Radio Erena-Kostinbrod presumed at 1722, Tigrinya language listed, sounded like news, transitioning to music; during several checks there was a mix of talk and music; off at 1800 as listed. Good, Oct. 31. (Harold Sellers-BC/DXplorer)

11530, Radio Denge Welat via Kishnev-Grigoriopol, Moldova, f/data e QSL received in 8 days for email report to: [prtc@idknet.com](mailto:prtc@idknet.com). V/s Mr Sergey Ometchenko (technical Director of Pridnestrovsky Radiotelesentr). (Babul Gupta, Barasat-India/Asian DX Review)

12050, Radio Ndarason, e-verie in 3 days, v/s David Smith (Director, Okapi Consulting) [david@okapi.cc](mailto:david@okapi.cc). (Vashek Korinek-South Africa/DX Fanzine)

**COLOMBIA** The new as yet unidentified missionary station continues to be heard on 4940, some days signing on with the Colombian anthem at 0000 UTC. Programming is in Spanish but time checks for UTC-4 indicate that may be targeting listeners in Venezuela. (various reports/British DX Club)

**CONGO** 6115, Oct 28, \*0526-, Radio Congo, Brazzaville, open with Afropop songs, at 0530 comments. (Méndez-Spain/Shortwave Bulletin) 6115, Nov 8, 0545, Radio Congo, Brazzaville, African songs, Vernacular and French comments, at 0601 French, "Radio Congo", news. Later signal deteriorated due to daylight path and at about 0616 barely audible. (Méndez-Spain/Shortwave Bulletin)

**CUBA** Winter B-20 frequency changes of Radio Habana Cuba from November 17:

1200-1500 on 6000 QVC Spanish B-19, missing in [Spanish page](#)  
1200-1600 NF 9650 BEJ Spanish, ex 7340 B-19  
2300-2400 NF 15230 QVC Portug., ex 11700 B-19  
0000-0600 NF 15230 QVC Spanish, ex 11700 B-19  
0100-0600 on 6060 BAU Spanish, not 0000-0500  
2200-0500 NF 9650 BEJ Spanish, ex 9640 B-19  
0200-0700 on 6000 QVC English, not 0100-0800  
0200-0800 NF 9700 BAU English, ex 6145 B-19, [not 0100-0700](#)  
0600-0800 on 6060 BAU English, not 0500-0700  
2030-2100 NF 13680 BAU French, ex 15370 B-19 in [French page](#)  
2100-2130 NF 13680 BAU Portug., ex 15370 B-19 in [Port. page](#)  
2130-2200 NF 13680 BAU Arabic, ex 15370 B-19 in [Arabic page](#)  
2200-2400 NF 13680 BAU Spanish, ex 15370 B-19  
0100-0200 NO ENGLISH TRANSMISSION from Radio Habana Cuba on 6000 and 9700!  
B-20 of Radio Habana Cuba in Creole, BUT missing Creole page:  
1930-2000 on 15140 BAU Creole - B-19  
0000-0030 on 15730 BEJ Creole - B-19  
0100-0130 on 5040 BAU Creole - B-19 (DX Mix-Bulgaria)

More and more co-channels in winter B-20 schedule of Radio Habana Cuba:  
1200-1600 on 9650 BEJ Spanish B-20 Radio Habana Cuba  
2200-0500 on 9650 BEJ Spanish B-20 Radio Habana Cuba  
0200-0800 on 9700 BAU English B-20 Radio Habana Cuba  
2200-0300 on 11760 BAU Spanish B-20 Radio Habana Cuba  
1200-1900 on 11760 BAU Spanish B-20 Radio Habana Cuba

1200-1500 on 13740 BAU Spanish B-20 Radio Habana Cuba  
2200-0600 on 11850 QVC Spanish B-20 Radio Habana Cuba  
1200-1600 on 9535 BEJ Spanish B-20 Radio Habana Cuba  
2200-0600 on 9535 BEJ Spanish B-20 Radio Habana Cuba  
0000-0100 on 6000 QVC Spanish Tu-Fr Mesa Redonda RHC  
1200-1600 on 15140 BAU Spanish B-20 Radio Habana Cuba  
1600-1900 on 15140 BAU Spanish B-20 Radio Habana Cuba (DX Mix-Bulgaria)

**ECUADOR** 6050, Nov 8, -0459\*, HCJB, Pichincha, religious songs and comments, anthem and close. (Méndez-Spain/Shortwave Bulletin)

**EGYPT** Winter B20 registered frequencies of ERU Radio Cairo. From the beginning of B-19 season Radio Cairo is inactive on shortwave:  
1500-1600 NF 9440 ABS Albanian, ex 9610  
1700-1900 NF 9940 ABS Turkish, ex 9900  
1800-1900 on 9540 ABS Italian  
1900-2000 NF 9510 ABS Russian, ex 9590  
1900-2000 on 9810 ABS German  
2000-2115 NF 9885 ABS French, ex 9900  
2115-2245 on 9900 ABS English  
2215-2330 on 9545 ABS Portuguese  
2330-0045 NF 9650 ABS Arabic, ex 9620  
0045-0200 NF 9900 ABS Spanish, ex 9875 (DX Mix-Bulgaria)

**ESWATINI** 9500, TWR Africa-Manzini at 1804 with preacher (English is Sat/Sun only here), at 1825 host identified topic as "Banishing the Idol of Religion", back to preacher for conclusion, 1828 host gave download offer and contact details, mentions of TWR. Good, Oct. 31. (Harold Sellers-BC/DXplorer) 9500, TWR Africa, Manzini site, English, on 27 Oct at 1812. Preaching by male voice, songs, TWR Africa interval signal on 1902. 35543 Tx w/13 degr Azimuth to Eastern Africa. (Rudolf Grimm-Brazil, hcdx Oct 27/TopNews)

15105, TWR Africa, Manzini site, Linghala language, 26 Oct at 1955. Christian message by male voice, instrumental music, TWR Africa interval signal on 2005. 35543 Tx w/343 degr Azimuth to Southwestern Africa. (Rudolf Grimm-Brazil, hcdx Oct 27/TopNews)

**ETHIOPIA** 6090, Radio Amhara Geja Dera, Oct 23 at 0256 - OC on at 0256. IS starting at 0257:30. Nice some stations still use an IS! Fair to good reception. Not quite as good as last night, but in the clear. Best heard on my North Beverage. IS continued until 03:00:30. I'm quite sure that the announcer says, 'This is Amhara Radio'. Can't be sure, though. Into Horn of Africa music. Salmaniw-BC)

**FRANCE** Alameda Bible Fellowship ABF via WRMI Issoudun registered in A20 HFCC:  
1900-1930 on 9710 ISS English Mon/Fri, new from October 2  
1700-1730 on 15485 ISS English Mon/Fri - as scheduled A-20  
1930-2000 on 11860 ISS English Mon/Fri IS INACTIVE IN A-20 (DX Mix-Bulgaria)

Winter B-20 of Radio France International COVID-19 px  
0900-1100 on 13695 ISS French Special  
0900-1100 on 15300 ISS French Special  
0900-1100 on 17850 ISS French Special  
0900-1100 on 21580 ISS French Special (DX Mix-Bulgaria)

Radio Oeoemrang on February 21, 2021:  
1600-1700 on 15215 ISS Frisian/German/English (DX Mix-Bulgaria)

B-20 last minute changes of Telediffusion d'Algerie via TDF Issoudun:  
0400-0459 on 6060 ISS Arabic Holy Quran program\* no change  
0500-0559 on 6105 ISS Arabic Holy Quran program\* no change  
0500-0559 NF 7295 ISS Arabic Holy Quran program\*, not 6060  
0600-0659 NF 7245 ISS Arabic Holy Quran program, not 6105.

\*including French news bulletin 0450-0458 and 0500-0513, both confirmed October 28 (DX Mix-Bulgaria)

B-20 last minute changes of Telediff. d'Algerie via TDF Issoudun

0400-0459 on 6060 ISS Ar Holy Quran program no change

0500-0559 on 6105 ISS Ar Holy Quran program no change

0500-0559 NF7295 ISS Ar Holy Quran program, not 6060

0600-0659 NF7245 ISS Ar Holy Quran program, not 6105 including French news bulletin 0450-0458 and 0500-0513, both confirmed October 28.

1800-1859 on 7375 ISS Arabic Holy Qur'an program

1900-1959 on 7315 ISS Ara/Fre Radio Algerie Int.

1900-1959 on 7375 ISS Ara/Fre Radio Algerie Int.

2000-2059 on 5940 ISS Arabic Holy Qur'an program

2000-2059 on 6140 ISS Arabic Holy Qur'an program

2100-2159 on 5940 ISS Arabic Holy Qur'an program

2100-2159 on 6040 ISS Arabic Holy Qur'an program

2200-2259 on 6040 ISS Arabic Holy Qur'an program (Ivo Ivanov-Bulgaria, hcdx via wwdxc BC-DX Topnews Oct 28)

Radio Voice of Steadfastness Sawt Al-Somood

1500-1530 17545 ISS Arabic Sat is deleted

1530-1600 17545 ISS Tigrinya Sat. This is Bayto Yiakl as per the WRMI schedule. I checked last week and confirmed this ID, (it did not identify as Sawt al Samood last week and appears to be a different station). (Ivo Ivanov-Bulgaria, hcdx via wwdxc BC-DX TopNews Nov 7) This is Bayto Yiakl in Tigrinya as per the WRMI schedule. I checked last week and confirmed this ID, (it did not identify as 'Sawt al Samood' last week and appears to be a different station.) (Dave Kenny-UK, Nov 7/TopNews)

**GERMANY** Radio SE-TA 2 had its inaugural broadcast from its own SW transmitter on 6115 kHz on 1 September, at 1000 and 1800 UTC, noted here with a weak signal from 1800-1900. They have a 1 kW transmitter at Hartenstein, Saxony. Reports can be sent to SE-TA@web.de The name SE-TA 2 is an abbreviation for Sender Tannenberg, but has no special meaning. (Dave Kenny-UK/British DX Club)

Winter B-20 schedule of RADIO SE-TA 2 via Hartenstein:

1000-1200 on 6115 HST 001 kW German Sat/Sun (DX Mix-Bulgaria)

Winter B-20 broadcasts of NDR Christmas Gruß an Bord ("Greeting abroad") on December 24, 2020:

1900-2100 on 6030 ERV German

1900-2100 on 6080 NAU German

1900-2100 on 9570 MOS German

1900-2100 on 9740 NAU German

1900-2100 on 9800 ISS German

1900-2100 on 11650 ISS German

2100-2300 on 6145 NAU German

2100-2300 on 6155 ERV German

2100-2300 on 9590 ISS German

2100-2300 on 9675 MOS German

2100-2300 on 9740 NAU German

2100-2300 on 9830 ISS German (DX Mix-Bulgaria)

Winter B-20 broadcasts of Media Broadcast - Mighty KBC Radio:

0800-1600 on 6095 NAU English Sun

0800-0900 on 9475 NAU English Sun or alt.11650

0900-1000 on 6045 NAU English Sun or alt. 7350 (DX Mix-Bulgaria)

Winter B-20 schedule of Mighty KBC Radio via MBR Nauen:

0000-0200 on 5960 English B-20, every Sun

2100-2300 on 6080 English Sat December 05

0900-1600 on 6095 English Sun December 27

2100-2300 on 6080 English Sun December 27  
(DX Mix-Bulgaria)

The Mighty KBC Radio via MBR  
Nauen/Yerevan, updated:

0000-0200 on 5960 NAU English B-20, every  
Sun

2000-2000 on 6080 ERV English Sat  
December 05

2000-2200 on 6080 ERV English Fri  
December 25

0900-1600 on 6095 NAU English Sun  
December 27 (DX Mix-Bulgaria)

6115, Radio SE-TA 2, via Hartenstein, F/D e-  
QSL in 11 days for e-report to: [seta@web.de](mailto:seta@web.de).  
(Jürgen Waga-Germany/DX Fanzine)

**GUAM** Adventist World Radio. Only English  
programe listed in B20 schedule

2200-2230 NF 11990 SDA English  
Tue/Thu/Sun, ex 12040 (Via HCDX Ivo  
Observer 29/10/New Zealand DX Times)

New DX Program People have asked us to air  
a DX program for many years. KTWR had  
done this a few decades ago, but we had no  
one to produce a new program. Now, one of  
our listeners, Arun Kumar Narasimham has  
begun production of the "Dxers Diary". The  
first airing will be on 25 October 2020 in our  
1026-1057UTC English DRM broadcast to  
India on 13800kHz. We are glad that Arun  
has stepped in to fill this longstanding gap  
in our programming. We hope you enjoy it  
and continue to enjoy the DX hobby (KTWR  
Blog/Australian DX News)

Upcoming frequency changes of Adventist  
World Radio from November 9:

1300-1330 NF 9470 SDA Chinese Mon-Fri, ex  
9930 TRM

1300-1330 NF 9470 SDA Uighur Sat/Sun, ex  
9930 TRM

1430-1500 on 11955 SDA Manumanaw Karen,  
ex same TRM

1430-1500 NF 12085 SDA Manumanaw Karen,  
x 15530 TRM

1500-1530 NF 12085 SDA Lushai, ex 15530  
TRM (DX Mix-Bulgaria)

**GUATEMALA** 4055, Oct 27, -0614\*, Radio  
Verdad, Chiquimula, religious songs and  
comments in English, identification in  
English, Spanish "Transmite la Estación  
Evangélica Radio Verdad...", and other  
languages, anthem and close.  
(Méndez/Spain/Shortwave Bulletin)

**GUINEA** Reactivated 9650, Radio Guinea,  
Conakry, 0820-0832, 27-10, Radio Guinea  
back again, after months out of air, heard at  
0820 with African songs, French, id. "Radio  
Guinée 24 heures sur 24", more African  
songs. 43443..(Via HCDX Manuel Mendez-  
Spain. 27/10/New Zealand DX Times) Radio  
Guinea, Conakry, is back again on October  
around 1715, heard with a good signal on 23  
October around 1715, had been off for some  
months (Dave Kenny-UK/British DX Club)

**INDIA** According to well informed sources  
the following AIR stations were taken off air  
from yesterday: 1. Chennai 4920 7380, 2.  
Hyderabad 4800 7430, 3. Bhopal 4810 7430.  
The following stations were heard today  
evening Jaipur 4910, 7325, Jeypore 5040,  
Srinagar 4950, Leh 4760. (Jose Jacob-  
India/Worldwide DX Club) Regret to inform  
that AIR Jaipur from Rajasthan is also  
leaving SW from Friday 23 Oct 2020. Their 50  
kW SW tx installed in 1992 operates on 4910  
& 7325. Schedule: 4910 0025 0430, 1130-  
1751 and 7325 0630-0930. (Jose Jacob-India,  
DXindia Oct 21/Worldwide DX Club)

**INDONESIA** 3325, Voice of Indonesia  
Palangkaraya, Oct 17 at 1431 - Excellent  
reception with ID in Indonesian. // 4750 is  
a mess. A shame that in an otherwise almost  
empty band, both China and Indonesia insist  
on broadcasting on the same channel!  
Indonesia has the upper hand, though.  
(Salmaniw-BC/DXplorer)

**IRAN** Winter B-20 frequency changes of VIRI IRIB/PARS TODAY, updated:

0330-0600 NF 9725 SIR Arabic, ex 7370 B-19  
0553-0820 NF 13690 SIR Dari, ex 12035 B-19  
0923-1250 on 11930 SIR Dari, deleted in B-19

0923-1250 on 11670 SIR Dari will be inactive  
0923-1250 on 13690 SIR Dari will be inactive  
0930-1430 NF 9800 SIR Arabic, ex 15130 B-19

1253-1420 NF 9835 SIR Urdu, ex 6000 B-19  
1423-1520 NF 6150 SIR Bengali, ex 7250 B-19

1423-1520 on 7445 SIR Hindi-deleted in B-19

1423-1520 on 6175 SIR Hindi will be inactive  
1423-1520 on 9390 SIR Hindi will be inactive  
1523-1620 NF 7300 SIR English, ex 7445 B-19

1553-1720 NF 9870 SIR Turkish, ex 5925 B-19

1623-1720 NF 5935 ZAH Pashto, B-20 new prgr

1653-1750 NF 7290 SIR Russian, ex 9835 B-19

1723-1820 NF 5940 SIR German, ex 7295 B-19

1753-1820 NF 5930 SIR Italian, ex 6135 B-19

1823-1920 NF 9475 SIR Hausa, ex 9715 B-19

2353-0250 NF 5980 SIR Spanish, ex 6090 B-19 (DX Mix-Bulgaria)

Voice of Iran, Spanish cancel shortwave. He Michael, In these days I receive the following email from Spanish department of Voice of Iran Pare Today: Dear listener, Dario Gabrielli: Receive cordial greetings from the Voice of Iran, we hope you are well, like your loved ones, we turn to you, dear listener, to communicate the following: More than 40 years after the broadcasts of the Voice of Iran, we inform you that this radio, as a short-wave station, will close and it says goodbye to listeners who during these decades have accompanied us, following the schedule and encouraging us with their messages and memories. We hereby

announce that Iran's shortwave radio will soon be canceled to join the Spanish-language Iranian television channel HispanTV, from which it will continue its work

as an Internet radio. As to translate the mail that arrive me with a translator, I hope you can

understand. with this sad news I Say goodbye and I Wish good 73 with safe. (Dario Gabrielli-Italy via wwdxc BC-DX Topnews Oct 19)

**B20 Schedule of Voice of the Islamic Republic of Iran in English**

1520-1620 on 7300

1920-2020 on 6040 11880 (HFCC/British DX Club)

**JAPAN** Winter B-20 frequency changes of NHK World Radio Japan

0400-0430 NF 9855 TAC Persian, ex 11965

0430-0500 NF 7245 SMG English Mon-Fri, ex 9860

0430-0500 NF 7445 ISS English Mon-Fri, ex 7410

0500-0530 NF 7245 SMG English Sat/Sun, ex 9860

0500-0530 NF 7445 ISS English Sat/Sun, ex 7410

0700-0900 NF 7445 YAM Japanese, ex 9800

1900-2100 NF 9695 YAM Japanese, ex 9670

2100-2300 NF 11630 YAM Japanese, ex 9890 (DX Mix-Bulgaria)

**KOREA (North)** 3945, Echo of Unification, random checking from 1210 till 1401\*, Nov 1. In Korean, with patriotic sounding songs; fair. First day here, back on their winter schedule. This unfortunately will certainly block any extended (1200+) broadcasts of Radio Vanuatu on this frequency. (Ron Howard-CA)

**KOREA (South)** B20 schedule for KBS World Radio, Seoul, in English:

0200-0300 on 9580

0800-1030 on 9770

1300-1400 on 15575  
1300-1400 on 9570  
1400-1600 on 9630  
1500-1700 on 11810 New  
1600-1700 on 9640  
2200-2300 on 11810 (KBS web site/British DX Club)

November BrDXC-UK 'Communication' magazine item:  
1500-1700 9515 KIM English  
2200-2300 11810 KIM English (Ivo Ivanov-Bulgaria, hcdx via wwdxc BC-DX TopNews Nov 9)

5920, Voice of Freedom, 1155-1200, Oct 25. The Sunday only "COVID-19 Prevention Measures" program, in Korean ("Jinsil-e soli, huimang-e soli, Jayu-e soli bangsong-eseo bonaedeulneun, Kolona-ilgu yebang daechaeg-ibnida." Translation: "These are the COVID-19 prevention measures sent by the Voice of Truth, the Voice of Hope, and the Voice of Freedom."); fair reception. Thanks very much to Amano (Japan) for his never ending help with these translations! (Ron Howard-CA)

9105, Echo of Hope - VOH, 0941, Nov 10. The EBS-FM [Educational Broadcasting System] news in English and Korean; but more than just the news, as they explain the meaning of some of the English words, so it's really the news and a language lesson; in the past EBS called this show "Touch! Global Headlines," but that name has recently been dropped; they no longer ID the program via the radio show, nor at their website; The VOH programming runs on a four hour loop, meaning this news program will be carried again at 1341. BTW - Interesting news item today about "EU member states have turned clocks back an hour for the last time, as they have voted to abolish the practice of daylight saving time in 2021." (Ron Howard-CA)

Frequencies for this week; observed Monday, October 26:

Voice of the People: 3480 (best frequency) // 3910 // 3930 // 4450 // 6520 // 6600, at 1150.

Echo of Hope - VOH: 3985 // 4880 // 5995 // 6245 // 6350 // 9095, at 1135, with English language lesson.

Voice of Freedom, 5920, at 1155, with good reception (no jamming). The super jamming, white noise, N.Korea jamming was heard on BOTH 6045 and 6135, but later at 1238, found 6135 clear of the jamming, so R. Madagasikara reception is again possible, while 6045 continues to be jammed. Have never been able to figure out the rationale for the N. Korea jamming of 6045 and 6135, as clearly VOF is no longer on those frequencies! (Ron Howard-CA)

Nov 9 (Monday) observed frequencies::

Voice of the People: 3480 (best reception) // 3910 // 3930 // 4450 // 6520 // 6600, at 1218 UT (after the news [Bodo]), start of the "gohyang-e on pyeonji" (A Letter That Came To My Hometown) program. Thanks to Korean DXer "Pak" for providing this program info, via website "Now On The Radio DX."

Echo of Hope - VOH: 3985 (CNR2 QRM) // 4890 // 5995 // 6255 (FYI - CNR1 jamming is now gone from this frequency) // 6350 // 9105, at 1231 UT, with my favorite Korean pop song - PSY, with "Gangnam Style"; as usual, 9105 heard with very good reception. Voice of Freedom, 5920, at 1015, with fair reception (no jamming). The super jamming from N. Korea still heard on 6045 (interesting to note the terrible frequency choice of Alaska [KNLS], which is now mixing with this very strong jamming, from 1100 to 1200), while 6135 was a clear frequency with no jamming. (Ron Howard-CA)

**KUWAIT** English and Filipino Services of Radio Kuwait was back on air, November 18:

0500-0800 on 11969.7 KBD English DRM, instead of Arabic GS

0500-0800 on 15530.0 KBD English AM, instead of Arabic GS

1000-1200 on 17760.0 KBD Filipino AM, instead of Arabic GS (DX Mix-Bulgaria)

**MALI** 5995, Oct 24, 1845, Radio Mali, Bamako, African songs, at 1852 "Magazine en anglais" "English Magazine", "Ladies and Gentlemen, welcome to our English program..." "English program with news and comments about Mali, at 2103, African songs, id. "ORTM, la passion du service public". (Méndez-Spain/Shortwave Bulletin) 5995, Nov 9, \*0551-, Radio Mali, Bamako, open with African songs, id. "ORTM la passion du service public", 0556 interval signal, 0558 anthem, interval signal, ID. "Vous écoutez L'Office de Radiodiffusion Television du Mali emettant de Bamako, nous émettons en ondes courtes...", French and Vernacular comments. (Méndez-Spain/Shortwave Bulletin)

**MEXICO** 6185, Nov 8, 0454, Radio Educación, Ciudad de México, instrumental music, "La Cucaracha"., "Ay, Jalisco no te rajes", Mexican songs id. at 0544: "Cultura México, señal internacional una emisora de Radio page 6 Educación, 6185 kHz en la banda internacional de 49 metros", song "Guadalajara", classical music, id. "Radio Educación... Servicio Nacional de Comunicación" (Méndez-Spain/Shortwave Bulletin)

**MONGOLIA** Voice of Mongolia is not on the air on 12084.8 and 12014.8 from the beginning of Winter B-20 season. (DX Mix-Bulgaria)

**MYANMAR** 5985, Myanmar Radio, 1248, Nov 11 (Wednesday). Time for another two 5 minute editions of "Learning English with BBC, Burmese"; in the first program - "Once a week, once a month, once a year", "How often do you play tennis (basketball)

(football)?" , "How about you?" , "About twice a week"; second show - "Do you have any hobbies?" , "I like reading books" , "Yes, I like watching movies (visiting museums) (listening to music)"; fairly readable. This program will be repeated again on Friday. (Ron Howard-CA)

**NEPAL** The last analog shortwave transmitter was a somewhat hybrid unit assembled from whatever was needed from the three 100 kW units (1 Marconi & 2 Harris) though it was and operating at around just 10 kW. This transmitter was located at Khumaltar on the familiar 5005 and it was last noted on air back in September 18, 2018, though some transmitter tests were conducted in 2019. The 10 kW shortwave transmitter at the Khumaltar shortwave station was officially closed on June 18, 2020. Nepal is now silent on shortwave. (Wavescan No. 612)

**NETHERLANDS** New frequency of Brazilian Radio Onda via Margraten in HFCC B20Database:

0000-2400 on 6140 MRT 001 kW Portuguese, ex 6170 to avoid VOKorea (DX Mix-Bulgaria)

New updated winter B-20 schedule of Mike Radio via Heerde

0600-1500 on 6195 HEE 001 kW Dutch Sun, ex 0600-1200

1600-2400 on 3940 HEE 001 kW Dutch Fri/Sat, deleted Wed (DX Mix-Bulgaria)

06140, Nov 9, 0700, Radio Onda, Borculo, pop songs in English and in French, id. In English, "Radio Onda, [info@radioonda.be](mailto:info@radioonda.be)". (Méndez-Spain/Shortwave Bulletin) 6140, Radio Onda, Borculo, received eQSL in 1 day. Reception report sent to: [info@radioonda.be](mailto:info@radioonda.be). (Méndez-Spain/Shortwave Bulletin)

**NEW ZEALAND** New schedule for RNZ Pacific for B20: 0359-0758 13840 daily; 0759-0958 11725 daily; 0959-1258 9700 Mon-Fri; 1259-

1650 6115 daily; 1259-1858 6115 Sat; 1651-1735 5975 DRM Sun-Fri; 1736-1835 7285 DRM SunFri; 1859-1958 11725 Sat; 1959-2258 13840 daily; 2259- 0358 15720 daily. (RNZ via Matt Francis-Australia/Australian DX News)

B-20 schedule of Radio New Zealand RNZ Pacific:

AM mode Daily

1959-2258 on 13840 English

2259-0358 on 15720 English

0359-0658 on 13840 English, ex till 0758

0659-0958 on 11725 English, ex from 0759

1259-1650 on 6115English

AM mode Mon-Fri

0959-1258 NF 11725 English, ex 9700

AM mode Sat/Sun

0959-1258 on 11725 English, additional

AM mode Saturday

1651-1858 on 6115 English

1859-1958 on 11725 English

DRM mode Sun-Fri

1651-1735 on 5975 English

1736-1835 on 7285 English

1836-1958 on 11690 English

**PALAU** Winter B-20 schedule of Hope Radio via Medorn eff. from November 1:

0800-1200 on 9930 English - via T8WH Angel 3

0100-0500 on 15680 English - via T8WH Angel 4

0800-1200 on 15680 English - via T8WH Angel 4

0800-1200 on 9965 English - via T8WH Angel 5

But shortwave airings are very limited, according to [Angel 4 / 5 schedules](#) Angel 3 on 9930 is not on air November 1 (launch date to be announced) Angel 4: Sat 0830-0945 on 15680 (wrong frequency 9930 in schedule) Sun 0115-0230 on 15680 and 0800-0915 on 15680 (wrong 9930 in schedule) BUT on November 1 15680 was on air until 1000. Poor/fair via SDR Novosibirsk Angel 5: Mon-Fri 0745-0845 & Sat 0830-0945 on 9965#; Sun 0800-1115 on 9965 #in

schedule mentioned wrong frequency 9930. Very good via SDR Novosibirsk

Hope Radio - formerly World Harvest Radio, has new owners. The mission and foundation of Le SEA Broadcasting Palau, remains the same. That mission is to preach the Gospel of Jesus Christ, into the most populated parts of the world. Snatching people out of eternal damnation and bringing them to the saving power of Jesus Christ. By the preaching of the gospel, we will be encouraging Christians in possibly, the most persecuted part of the world. This was the mission of the founder of this ministry Dr. Lester Sumrall and his son - Peter Sumrall. The only thing that has changed is who has been entrusted with the responsibility of that mission. It is with gratitude that God has allowed us to be a part of the end time harvest. We look forward to serving you in this mission, as a broadcaster or as a listener. (DX Mix-Bulgaria)

T8WH Angel 3 will be on shortwave according their program schedule:

0830-0945 on 9930 HBN English Hope Radio Sat

0800-0915 on 9930 HBN English Hope Radio Sun

But according other their program skeds 9930 at same time is also:

T8WH Angel 4

0830-0945 on 9930#HBN English Hope Radio Sat

0800-0915 on 9930#HBN English Hope Radio Sun

T8WH Angel 5

0830-0945 on 9930\*HBN English Hope Radio Sat

#wrong frequency, rather 15680 kHz; \* wrong frequency, rather 9965 (DX Mix-Bulgaria)

Schedule of Hope Radio via T8WH Angel 4 and Angel 5, November 15:

0800-0945 on 15680 HBN English T8WH Angel 4 Sat

0115-0230 on 15680 HBN English T8WH  
Angel 4 Sun  
0800-0915 on 15680 HBN English T8WH  
Angel 4 Sun  
0800-0900 on 9965 HBN English T8WH Angel  
5 Mon-Fri  
0800-0945 on 9965 HBN English T8WH Angel  
5 Sat  
0800-1145 on 9965 HBN English T8WH Angel  
5 Sun  
Transmitter T8WH Angel 3 on 9930 is  
inactive, launch date missing NOT ON AIR on  
9930 HBN missing in their website. (DX Mix-  
Bulgaria)

**PAPUA NEW GUINEA** 3260, NBC Madang  
(Maus Blong Garamut - Voice of Indigenous  
Drums), 1144-1204\* on Nov 1. Back on the  
air again; Sunday religious program; 1202  
indigenous drums and chanting, along with  
assume sign off announcement, which was  
unreadable due to muffled audio. BTW - NBC  
Bougainville (3325) remained silent today.  
(Ron Howard-CA via wwdxc BC-DX TopNews  
Nov 1)

7325, Wantok Radio Light has changed its  
transmitter location from Port Moresby to Mt  
Hagen, Teka, Western Highlands Province:  
"Due to Vandalism in our old site in Nine 9  
Mile Port Moresby, we have now relocated to  
Mt. Hagen". This station in on air very  
irregular, as confirmed via email from the  
station: "Yes our shortwave service has been  
relocated to Mt Hagen. Due to technical  
problems it has been going on and off.  
Regards, Wantok Radio Light". (Via HCDX  
17/10 Manuel Mendez-Spain/New Zealand  
DX Times) 7325, Wantok Light, PNG  
(presumed). Heard 27/10, 0603 to around  
0625. Could make out some Pidgin English  
but no ID heard as signal fluttery lost signal  
into noise 0625, or maybe went off air. Poor  
at best not heard anything on this freq or  
time again. Maybe a test? (Wright-  
Australia/Australian DX News)

**PERU** 4764, R. Huanta 2000, Peru, Huanta;  
28/10, 0000 - 0006 male seems ads, music.  
Het, very poor. 0026 - 0031, male and female  
in Spanish talks. At 0027 R. Progreso carrier  
on and increase het, poor. (Lúcio Bobrowiec-  
Brazil/The Mosquito Coast via Bob Wilkner-  
FL) 4764, R. Huanta 2000, Huanta; 10/11,  
2350 - 2356 male talks seems ads. Poor, few  
words readable. Back after some 4 days  
silent. (Lúcio Bobrowiec-Brazil/The Mosquito  
Coast via Bob Wilkner-FL)

4775, R. Tarma, Peru, Tarma; 30/10, 0031 -  
0036 music, short male announcements,  
local pop music, male "R. Tarma", local pop  
music. Fair. (Lúcio Bobrowiec-Brazil/The  
Mosquito Coast via Bob Wilkner-FL) 4775, R.  
Tarma, Tarma; 06/11, 2252 - 2302 male in  
Spanish ads seems about cultural mystical  
event "los famosos curanderos, grupo  
internacional Savanta...ID: Radio Tarma una  
voz fuerte del Peru", male, local pop music;  
at 2257 male and female on Ave Maria classic  
music, ToH ID, male sports program  
announcements "nesta hora en Radio Tarma,  
Antena Desportiva". Fair to good, clear and  
readable, deteriorating. (Lúcio Bobrowiec-  
Brazil/The Mosquito Coast via Bob Wilkner-  
FL) 4775, R. Tarma, Tarma; 02-03/11, 2352 -  
0003 male in Spanish talks ads "estructuras  
metálicas...", ID, local pop music. Readable,  
fair to good (good few moments). (Lúcio  
Bobrowiec-Brazil/The Mosquito Coast via Bob  
Wilkner-FL)

4955, R. Cultura Amauta, Huanta; 02/11,  
2331 - 2349 male and female in Spanish  
announcements, ads "pequeno  
pagamiento....dia de la cancion  
mexicana..." (some ads have around one  
minute), seems news program. Better than  
usual, few words readable, fair; from 2343  
deteriorating. (Lúcio Bobrowiec-Brazil/The  
Mosquito Coast via Bob Wilkner-FL)

5025, R. Quillabamba, Cusco; 06/11, 2220 -  
2224 local pop music, male and female in  
Spanish announcements, ads. Around this

time best signal, later starts battle against Cuba. Poor to fair. (Lúcio Bobrowiec-Brazil/The Mosquito Coast via Bob Wilkner-FL)

**PHILIPPINES** B-20 of Radio Pilipinas is not in HFCC, here B-19 sked:

0200-0330 on 9475, 15640, 17820 English  
1730-1930 on 9925, 12120, 15190 Tagalog  
(DX Mix-Bulgaria)

**ROMANIA** Winter B-20 frequency changes of Radio Romania International/RRI:

0100-0256 NF 7420 TIG Romanian tx#1, ex 7340  
0800-0856 NF 17640 GAL Romanian Sun tx#2, ex 17850  
0900-0956 NF 15430 GAL Romanian Sun tx#2, ex 11780  
0900-0956 NF 17640 TIG Romanian Sun tx#2, ex 13630  
0900-0956 NF 17640 GAL Romanian tx#1, ex 15380  
1200-1256 NF 21470 TIG English tx#1, ex 15600  
1400-1456 NF 7210 TIG Russian tx#2, ex 7445  
1630-1656 NF 5925 TIG Arabic tx#2, ex 6100  
1800-1856 NF 6030 TIG English tx#2, ex 5935  
2300-2356 NF 6090 TIG English tx#2, ex 9620  
(DX Mix-Bulgaria)

Radio Romania International B20 sked for English: Western Europe: 0630-0700 6040, 7345 (DRM); 1200-1300 13750, 15460; 1800-1900 5900, 7350 (DRM); 2130-2200 6030 (DRM), 7375; 2300-0000 6040 (DRM), 7220. Africa: 1200-1300 17800, 21470 NAm (east): 2130-2200 6170, 7310; 0100-0200 6130, 7325 NAm (west): 0400-0500 6020, 7410 Japan: 2300-0000 6090, 7325 Australia: 0630-0700 15450, 17780 India: 0400-0500 9870 (DRM), 11790 (RRI website via Matt Francis-Australia/Australian DX News)

**RUSSIA** Winter B-20 frequencies of DRM broadcasting in Chukotka:

2200-0100 on 11860 K/A 020 kW Russian DRM mode  
0100-0600 on 15325 K/A 020 kW Russian DRM mode  
0600-1000 on 6025 K/A 020 kW Russian DRM mode (DX Mix-Bulgaria)

12025, Radio Purga-Komsomolsk-na-Amur, Oct 22 0325 - 100% copy with only music playing and little on the DReaM display: Other language. Power on the [DRM.org](http://DRM.org) website states 25 kW and not 100 kW. Sure sounds more like 100 kW. Just down the dial I see another slightly weaker DRM signal on 11995. That's the 30 kW/225 deg azimuth transmitter of CRI from Qiqihar, China. SNR is a powerful 24.5 dB. All green in the System Evaluation pane. Suddenly off the air without a word at 0353. Supposed to be on until 04:00 at which time 15735 takes over. Let's see whether that happens or not! Nope! Nothing there by 0405. Not sure of the purpose, as it was strictly non-stop, mostly western instrumental music. (Salmaniw-BC)

There is a shortwave service that originates from studios Adygeya for the Circassian ethnic minority in the Near and Middle East. External broadcasting on shortwave GTRK Adygeya. GTRK Adygeya broadcasts a shortwave programme for the Circassian ethnic minority in the Near and Middle East. Transmitter site: Krasnodar - 100 kW on 600: 1800-1900 Mon Adygeyan, 1800-1900 Fri Adygeyan/Arabic/Turkish, and 1900-2000 Sun Adygeyan. (RUS-DX #1107)/Shortwave Bulletin

**SPAIN** Winter B20 schedule of Radio Exterior Espana REE in English

2300-2330	on	9690	NOB	English
Mon/Wed/Fri				
2300-2330	on	11685	NOB	English
Mon/Wed/Fri				
2300-2330	on	11940	NOB	English
Mon/Wed/Fri				

2300-2330 on 12030 NOB English Mon/Wed/Fr (Via HCDX 16/10 Ivo Observer/New Zealand DX Times)

**SUDAN** 7205, Sudan Radio, Al Aithahab, 0409-0420, 12-10, Arabic, comments. 15321. 9505, Voice of Africa, Al Aitahab, 1650-1725, 12-10, French, id. "La Voix de L'Afrique", comments, at 1716 English, news, comments, East African songs. 32432. (Via HCDX 14/10 Manuel Mendez-Spain/New Zealand DX Times)

9505, Nov 7, 1655, Sudan Radio, Al Aitahab, French, news and comments, at 1716 English, "Voice of Africa", news. (Méndez-Spain/Shortwave Bulletin)

**TAIWAN** Rebroadcasts of RFI programs halt over alleged "pro China" stance. Taiwan's National Education Radio has decided to stop domestic rebroadcasts of Radio France International's programs. That's after receiving listener complaints that the station's news programs repeated Chinese talking points that praised Beijing, belittled Taiwan, and criticized the US. National Education Radio had rebroadcast Radio France Internationale's French and Chinese programs for Taiwanese audiences during two daily time slots under an agreement arranged by RTI. During a meeting of the Legislature's culture and education committee Wednesday, KMT lawmakers said that the education ministry should investigate whether the listener complaints were justified or not. They also expressed concern about what pulling the plug of the rebroadcasts might mean for freedom of speech and the press in Taiwan. (RTI via Paul Gager-Austria direct and BrDXC-UK newsgroup Oct 22/TopNews)

After hearing the initial Broadcast from RTI on 7250, Wondered on the status of my verification reply. This is the reply I got from the German Service (translated): Thank you for your mail. Due to the corona epidemic,

Taiwan's Post is currently only accepting shipments to a few specific countries. Unfortunately, mail has not yet resumed to Canada. We have prepared your QSL card for your receipt report and will post the letter as soon as postage resumes from Taiwan to Canada. Post delivery to the USA, Great Britain, Germany, France and the Netherlands is possible. If you have an address in these countries from where the mail can be forwarded to you, we can also send your QSL card to another address. We are sorry that shipping to Canada has been delayed for so long and we ask for your understanding. Best regards, Your RTI editorial team. (Ed Kusalik-AB/DXplorer)

Winter B-20 frequency changes of Radio Taiwan International:

0000-0100 NF 9745 PAO Thai, ex 9625 B-10  
0800-0900 NF 11695 PAO Japanese, ex 9705 B19

1200-1400 NF 7430 KOU Chinese, ex 5970 B19

1600-1700 NF 6185 PAO English, ex 6180 B19 (DX Mix-Bulgaria)

Radio Taiwan International's Korean shortwave service will resume on Dec 13th. Test broadcasts are held from Dec. 1st to 3rd. The schedule is as follows.

1030-1100 on 9610

2200-2230 on 5955

2300-2330 on 9430. Reception reports can be sent to [Paijennifer@rti.org.tw](mailto:Paijennifer@rti.org.tw). Kwon DaeGeun, P. O. Box 67, Suwon City, Gyeonggi, 16326, South Korea, East Asia (Nov 12/TopNews)

**THAILAND** B20 schedule for Radio Thailand in English:

0000-0030 on 13750-udo

0030-0100 on 13750-udo

0200-0230 on 13750-udo

0530-0600 on 17640-udo

1145-1200 on 5875-udo

1230-1300 on 9940-udo

1300-1315 on 9940-udo

1400-1430 on 9940-udo  
1900-2000 on 7475-udo  
2000-2015 on 7475-udo  
2030-2045 on 7475-udo (HFCC/British DX Club)

**TURKEY** B20 schedule for Voice of Turkey in English:

0400-0455 on 6125 7240  
1330-1425 on 12035  
1730-1825 on 9660  
1930-2025 on 6050  
2130-2225 on 9610  
2300-2355 on 5960 (HFCC/British DX Club)

**UNITED KINGDOM** Winter B-20 frequency changes of BBC, various locations:

0000-0030 NF 9560 SNG Burmese, ex 9860  
0000-0100 NF 5875 ERV English, ex 7410  
0100-0200 NF 5970 ERV English, ex 9410 SNG  
0100-0200 NF 12095 SNG English, ex 11995  
0400-0500 NF 12095 SLA English, ex 9410  
0430-0530 NF 9410 DHA Farsi till March 20, ex 9440  
1130-1500 on 17745 DHA Somali Sat Premier League, ex MDC  
1200-1300 NF 12065 SLA English, ex 9410  
1200-1300 NF 15310 SLA English, ex 12065  
1330-1400 on 9900 TRM Bengali, ex TAC  
1400-1500 on 15420 SCB Somali, ex DHA  
1400-1500 on 17745 DHA Somali, ex SCB  
1500-1600 NF 9410 DHA English, ex 7445 MDC  
1600-1700 NF 12065 DHA English, ex 15400  
1630-1700 NF 9585 SNG Bengali, ex 7505 TAC  
1730-1830 NF 5935 SCB Farsi from March 21, ex 5910  
1730-1750 NF 7335 SMG Amharic Mon-Fri, ex 17745 ASC  
1750-1810 NF 7335 SMG Afan Oromo Mon-Fri, ex 17745 ASC  
1810-1830 NF 7335 SMG Tigrinya Mon-Fri, ex 17745 ASC  
1800-1830 NF 6180 SCB French, ex 5945  
1830-1930 NF 6170 SCB Farsi till March 20, ex 5910  
1830-1850 NF 7335 SMG Amharic Mon-Fri, ex 15490 ASC

1850-1910 NF 7335 SMG Afan Oromo Mon-Fri, ex 15490 ASC  
1910-1930 NF 7335 SMG Tigrinya Mon-Fri, ex 15490 ASC  
1900-2000 on 11810 WOF English, ex ASC (DX Mix-Bulgaria)

**UZBEKISTAN** TWR Asia B20 - Effective 25th Oct 2020 to 27th March 2021:

7280 0045 0100 Su Hindi  
7280 0045 0115 Mo Tu W Th F Hindi  
7280 0045 0100 Sa Dzonkha  
Reception reports to: [asiafeedback@twr.org](mailto:asiafeedback@twr.org).  
(TWR Asia via Alokesh Gupta-India via RUSdx via wwdxc BC-DX TopNews Oct 28/Worldwide DX Club)

**VANUATU** 11835 (third harmonic), Radio Vanuatu, 1032-1115\*, Nov 9. Christian sermon in Bislama, along with religious songs; 1103, ID and National Anthem; 1104-1109, dead air (open carrier); 1109-1115\*, pop songs (Shania Twain - "From This Moment On," etc.); thought they were on their way to an extended broadcast, but only went for a short time past their usual closing time; also heard a weaker 3945 and second harmonic of 7890.0 (Ron Howard-CA)

**VENEZUELA** On the 29th of October I was listening to this new Venezuelan radio station here in Mérida on 6906 about 2130 to 2215. They were broadcasting tropical music at most and airing some IDs and contact information from time to time. You can e-mail them to: [rocv6906@gmail.com](mailto:rocv6906@gmail.com). I have also contacted Mr. Gregorio "Kina" who is in charge of ROCV facilities and asked him if they will verify reception reports with QSL cards. He just replied by saying "send your report to our gmail account for confirmation", so I still don't know what kind of confirmation he has referred to if QSL card, eQSL or kind of simple e-mail verification. (Leonardo Santiago-Venezuela/PlayDX) 6906.1, R. O. C. V., Radio Onda Corta Venezuela, El Tigre, 0520-0635, 12-10, only weak carrier detected today.

0425-0555, 13-10, audio heard at times today, strong fading, Venezuelan and other songs, no identification heard due to extremely weak signal. (Via HCDX 14/10 Manuel Mendez-Spain/New Zealand DX Times) The programming manager of the station confirms, via Whatsapp, that the actual power is 50 watts, but in about 12 days they increase the transmitter power, he also says R. O. C. V. means Radio Onda Corta Venezuela. (Via HCDX 13/10 Manuel Mendez-Spain) R. O. C. V., Radio Onda Corta Venezuela, El Tigre, email for reception reports: [rocv6906@gmail.com](mailto:rocv6906@gmail.com). I don't know if they will confirm the reports. I asked them and I am waiting the answer. (Via Manuel Mendez-Spain/New Zealand DX Times) Highlights of this month's listening has been the reception of the new Venezuelan station ROCV Radio Onda Corta Venezuela on 6906 with 50 watts from El Tigre, Anzoátegui in Spanish heard on the TWR SDR at Kralendijk, Bonaire. (Dene Lynneberg/New Zealand DX Times)

New SW station on 6906. José Hernández Madrid reports that a new Venezuelan station is on the air, ROCV (Radio Onda Corta Venezuela) on 6906 from El Tigre in Venezuela. It is using the facilities of La Voz del Tigre. Manuel Mendez has been checking via an SDR Kiwi remote receiver in Bonaire and heard it on 6906.1 with a weak signal, carrying Venezuelan songs. The station operator says the actual power is 50 watts, but he is working to build a 1 or 2 kW transmitter. Perhaps this is already being tested. Email address for reception reports:

[rocv6906@gmail.com](mailto:rocv6906@gmail.com). Initially it was relaying 93.7 FM Así Suena but since around 13 October it has been relaying 980 AM La Voz del Tigre. (reports by Manuel Mendez 5-30 October) Its great to have a Venezuelan broadcast station back on SW for the first time in many years! ROCV was logged during the recent Sheigra DXpedition on 15 October with a very weak signal around 2140 relaying Voz del Tigre. (Dave Kenny-UK/British DX Club)

**ZAMBIA** New schedule of Voice of Hope VOH Africa from November 14:

0400-0800 on 9680 English Daily tx#1  
0400-0800 on 11680 English Daily tx#2  
1200-1400 on 9680 Swahili Daily tx#1  
1400-1600 on 6065 English Daily tx#2  
1400-1600 on 9680 English Daily tx#1  
1600-2100 on 4965 English Daily tx#1  
1600-2100 on 6065 English Daily tx#2

Resume morning broadcasts, adding program in Swahili & closing the evening English a half hour earlier at 2100, instead of 2130. (DX Mix-Bulgaria)

**ZANZIBAR** 11735, Nov 8, 1740, Zanzibar Broadcasting Corporation, Dole, Swahili, comments, at 1759 interval signal "drums", 1800 news in English, at 1810 African songs. (Méndez-Spain/Shortwave Bulletin)

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

# Pirate Radio Report

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

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Shortwave pirate broadcasting continued at a very brisk pace once again during the past month. Pirate broadcasting inevitably increases around major North American holidays.

The main holidays in December are Christmas Eve, Christmas, and New Year's Eve. Those holidays are among the most active holidays of the entire year for pirate radio purposes. This year Christmas Eve falls on Thursday, December 24, with Christmas the next day on Friday, December 25. New Year's Eve (called Old Year's in many countries, follows on Thursday, December 31).

Despite a continuing mess in your editor's schedule as a result of the Virus Pandemic, we do have this column on a timely basis, albeit on an abbreviated basis in loggings, as a result of schedule conflicts suffered by your editor.

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

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

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

Pirate busts by the FCC during the past month were mostly concentrated in the New York City metro area and in Florida as usual. This month we again omit the individual bust notices issued by the FCC. Some recent FM busts continued to be of both pirate operators and their landlords. Once again this month the FCC appears to have issued no citations to shortwave pirates in the United States, despite dozens of such actions against FM pirates. None of the newly authorized \$2 million fines have been assessed by the deadline date for this column in late November. The virus situation and the political instability in the USA undoubtedly was associated with this situation. So, actual implementation of the Pirate Act so far appears to be a casualty of the Virus Pandemic.

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

**Ball Smacker R.-** 3480 0219 11/14/20 good. Prgm of rock mx w/numerous IDs. (Taylor-WI)

**Canadian Radio After Dark.-** 6960 0136 11/12/20 fair. Remembrance Day prgm w/bugle mx. (Taylor-WI)

**Mystery R. 21-** 3480 0219 11/14/20 fair to poor and fading. Prgm of various mx from this Euro w/OM and YL ancres. (Serra-Italy)

**TAMI-FM.-** 6880 AM 2128 11/14/20 SIO-444. Prgm of mx. (Hauser-OK)

**The Vault.-** 6925 2340 11/12/20 fairly good but badly fading. This Euro logged w/definite ID. (Perry-IL)

**Wolverine R.-** 4015 0117 11/8/20 good. Prgm of big band mx w/SSTV image at close. (Taylor-WI)

**WTF R.-** 3470 0108 11/12/20 fair but noisy. A mix of mx and sound effects. (Taylor-WI)

**80s Forever.-** 4180 0225 11/8/20 fair. Prgm of 1980s pop mx. (Taylor-WI)

## Contributors' Page

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The following people made contributions to this issue:

**Vince HENLEY**, Anacortes, WA,

**Mark TAYLOR**, Madison, WI

**Eric BUENEMAN**, DX- St Stanislaus

**Rich D'ANGELO**, Wyomissing, PA

**John FIGLIOZZI** Halfmoon, NY

**Andre FREDETTE**, Oakville, Ontario

**Rick BARTON**, Sun City, AZ

**Glenn HAUSER**, Enid OK

**Anker PETERSON**, Skovlunde, Denmark

**David TURNICK**, Sinking Spring, PA

WiNRADiO G39DDCe SDR, ICOM IC-R8600, Ten-Tec RX-340, SDRPLAY RSPdx, TECSUN PL-880. Antennas: whip on PL-880 and Alpha-Delta DX-Ultra installed broadside east - west at 30 feet for all others

Mini - Dxpedition, Lake Farm County Park: Airspy HF+ Discovery; YouLoop. Tecsun PL 880; K-180WLA loop. (Taylor - Lake Farm Park, WI)

Tecsun PL-600, 30' homebrew portable longwire Conservation Area, Hazelwood, MO

Ten-Tec RX-340, Drake R-8B, Eton E1, Eton E5, Alpha Delta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4

ICOM IC-7300 Alpha Delta DX Sloper

JRC NRD 535D , Icom R-75, Drake R8B, PAR ES-WL 65 ft. Antenna, Global AT-2000 ATU.

Drake SW-1, RS SW-2000629, Grundig Transistor-5000 Satellit, outdoor Slinky and long wires.

NRD-545 with ALA-330S, IC-R75, PL-880, random wires

AOR AR7030PLUS with 28 meters of longwire.

Tec RX-340, WinRadio G31DDC, Wellsbrook ALA1530LNP NA

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

# Loggings

Dave Turnick • 372 Spohn Road • Sinking Spring, PA 19608 • [david.turnick@gmail.com](mailto:david.turnick@gmail.com)

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- 1560 **INDIA All India Radio**, 15:22 GMT, Oct 15, SIO 433, Pashto program, Musical program with lite popular music followed by female announcer and more music. Cut off at 15:30, good signal slight fading. (Fredette-ON)
- 2500 **UNITED STATES WWV** Fort Collins, CO – 10/10 0220 noted with time signals, UTC time check in English at 0221; SIO 444. (Bueneman-MO/SSDX)
- 3215 **UNITED STATES WWCR** Nashville, TN – 10/10 0222 noted with right wing talk on China in English; SIO 545. (Bueneman-MO/SSDX)
- 3215 **UNITED STATES The Overcomer Ministry** via WWCR Nashville, TN – 9/24 0558 noted with Web address, brief music, preview of Brother Stair's sermon, more music, into Brother Stair's sermon in English; SIO 545. (Bueneman-MO/Home)
- 3215 **UNITED STATES WWRB** 0335-0340 8.11 USA WWRB, Morrison, TN (p) English talk 35333 AP-DNK
- 3250 **NORTH KOREA KCBS** (T) 1045. Choral music like what is usually heard from KCBS a/o Voice of Korea, woman speaking at ToH. Threshold signal, so we couldn't tell what language was used – Poor 10/25 (Barton-AZ)
- 3330 **CANADA CHU** Ottawa, ON – 10/10 0223 noted with time signals, "CHU Canada" ID in English at 0224 and in French at 0225, UTC time checks in English and French; SIO 444. (Bueneman-MO/SSDX)
- 3480 **SOUTH KOREA Voice of the People** 2030-2040 7.11 CLA Voice of the People, via Goyang, South Korea Korean conversation 35333 // 3910 (33333), 3930 (34333), 4450 (21331), 6520 (33333) and 6600 (22332) all except 3480 jammed AP-DNK
- 3955 **KOREA Radio Korea Int'l** 2040-2045 7.11 G R Korea Int'l, via Woofferton German talk about "Koreanische Kultur", ID 55555 AP-DNK
- 3980 **SOUTH KOREA Radio Echo of Hope** 2045-2050 7.11 CLA R Echo of Hope, via Gyeonggi-do, South Korea Korean talk 34333 AP-DNK
- 4055 **GUATEMALA Radio Verdad** TGAV Chiquimula – 9/18 0547 noted with a brief Scripture reading in English into instrumental music; SIO 333. (Bueneman-MO/Home)
- 4055 **GUATEMALA Radio Verdad** TGAV Chiquimula – 9/20 0110 noted with a sermon in Spanish; SIO 323. (Bueneman-MO/HIDX)
- 4750 **CHINA Voice of China** 2050-2055 7.11 CHN Voice of China, Hailar Chinese talk, songs 25232 // 4800 (45434), 6080 (35333) and 6125 (23232) AP-DNK
- 4765 **CUBA Radio Progreso** via Bejucal – 10/10 0225 noted with commentary in Spanish into Cuban style music; SIO 333. (Bueneman-MO/SSDX)
- 4765 **CUBA Radio Progreso via Bejucal**, Ciudad de la Habana – 9/20 0112 noted with brief commentary, ID into contemporary music in Spanish; SIO 333. (Bueneman-MO/HIDX)

- 4840 **UNITED STATES WWCR** in EE from Nashville. November 6, 2020, 0728 – 0733. SIO 232. Brother Stair and a guest preacher with sermon. Weak signal, heavy QRN. Listenable only with difficulty. Br. Stair soliciting donations. Poor. (Henley, WA)
- 4840 **UNITED STATES WWCR** 0340-0345 8.11 USA WWCR, Nashville, TN English speech with comments 35232 AP-DNK
- 4875 **BRAZIL Radio Roraima** ZYG810 Boa Vista, Roraima – 9/20 0122 noted with commentary in Portuguese; SIO 222. (Bueneman-MO/HIDX)
- 4885 **BRAZIL Radio Clube do Pará** ZYG362 Belém, Pará – 10/9 2317 noted with commentary in Portuguese; SIO 323. (Bueneman-MO/SSDX)
- 4885 **BRAZIL Radio Clube do Pará** 0345-0350 8.11 B R Clube do Pará, Belém, PA Portuguese Ann, Brazilian songs 35232 AP-DNK
- 4885 **BRAZIL Radio Clube do Pará** ZYG362 Belém, Pará – 9/20 0021 noted with pop music, ID and promo in Portuguese; SIO 323. (Bueneman-MO/HIDX)
- 4930 **BOTSWANNA Voice of America Studio** 70350-0355 8.11 BOT VOA Studio 7, via Moepeng Hill Zimbabwean folk music 35232 AP-DNK
- 4940 **UNID** Weakly modulated station hrd here in what sounded like SS in the style of LA stations @0445 past 0500. Noise level too high to get a confirmed ID, but consensus is this is a new rlg. St, from Colombia... SINPO - 35242. (Figliozi, NY 10/22)
- 4960 **UNKNOWN Voice of America**\*0358-0405 8.11 STP VOA, Pinheira English ID's: "This is the Voice of America, Washington, D.C.", English news:"Winning speech by Joe Biden" 25232 AP-DNK
- 5010 **UNITED STATES Family Radio** via WRMI Okeechobee, FL – 9/19 2350 noted with Christian teaching in Spanish and vocal Christian music in English; SIO 434. (Bueneman-MO/HIDX)
- 5020 **SOLOMON ISLANDS. SIBC** – Honoria (P), 1117, 10/26/20 in English. Program of older U.S. pop music with man announcer. Poor. (Taylor – WI)
- 5025 **CUBA Radio Rebelde** CMBA Bauta, Ciudad de la Habana – 10/10 0104 noted with a discussion in Spanish; SIO 444. (Bueneman-MO/SSDX)
- 5025 **CUBA Radio Rebelde** CMBA Bauta, Ciudad de la Habana – 9/20 0030 noted with commentary into pop music in Spanish; SIO 555. (Bueneman-MO/HIDX)
- 5025 **CUBA Radio Rebelde** 0405-0410 8.11 CUB R Rebelde, Bauta Spanish talk about the economy 25333 AP-DNK
- 5040 **CUBA Radio Habana Cuba** via La Habana – 10/10 0106 noted with news analysis in Spanish; SIO 333. (Bueneman-MO/SSDX)
- 5040 **CUBA Radio Habana Cuba** 0410-0415 8.11 CUB R Habana Cuba, Bauta Spanish talk 35233 AP-DNK
- 5050 **UNITED STATES WWRB** Morrison, TN – 9/20 0026 noted with anti-Halloween sermon in English; SIO 555. (Bueneman-MO/HIDX)
- 5085 **UNITED STATES WTWW** Lebanon, TN – 10/10 0113 noted with pop/rock Oldies and a "WTWW" jingle. SIO 333; weaker than usual. (Bueneman-MO/SSDX)
- 5805 **DENMARK Radio 208** 0925-0930 6.11 DNK R 208, Hvidovre, via groundwave back after repair English ID: "Radio 208", pop songs 45434 // 1440 MW (55555) AP-DNK

- 5840 **DENMARK WMR** 0945-0950 7.11 DNK WMR, Bramming English ID: "World Music Radio", pop songs 45434 AP-DNK
- 5845 **PHILIPPINES BBC** relay via Tinang in KK. November 6, 2020, 1530 – 1536. SIO 545. YL with talk in KK. Listed target is FE. Good signal, easy copy. Trump and Biden audio clips about the election. (Henley, WA)
- 5930 **AUSTRIA BBC** – Moosbrunn (P), 0055, 10/29/20 in Dari. Afghan music, woman announcer into more contemporary music with a man announcer talking over the music into a theme then the two announcers alternating. Poor – fair. (Taylor – WI)
- 5935 **UNITED STATES WWCR** in EE. November 6, 2020, 0653 – 0700. SIO 444. University Network. Dr. Gene Scott religious program. Sermon by OM preacher. POP religious MX. ID and contact information given at 0657. Minor QRN. (Henley, WA)
- 5960 **TURKEY Voice of Turkey** Nov 11 at 2322, VOT English via UTwente is VG S9+20 but with buzz which seems self-imposed rather than QRM; feature about the Ottoman Empire, yet another Wednesday with no `Letterbox`; more features and lots of music. Something`s always awry at Ankara, erroneous at Emirler (Glenn Hauser, OK, WOR)
- 5965 **CHINA China Radio Int'l** in RR. November 6, 2020, 1537 – 1542. SIO 434. CRI to Siberia. POP MX in various languages. OM announcer. Moderate QRN. Listenable. (Henley, WA)
- 5975 **AUSTRIA NHK World/Radio Japan** via Moosbrunn – 9/12 0509 noted with musical interlude into talk on musical performance in English; SIO 323. (Bueneman-MO/Home)
- 5975 **AUSTRIA NHK World Radio Japan** via Moosbrunn in EE @0452 interviewing and profiling Mitch Album. Excellent sig bothered by WEWN on 5970. SINPO - 53544. Ann. freq change to 6155 for winter @0430 M-F, 0500 S/S. (Figliozzi, NY 10/22)
- 5980 **OPPOSITION Shiokaze/Sea Breeze** (JAPAN) at 1540. W in (sounded like) Japanese, tho I have a list that shows this in Korean this sked. Heard earlier in Japanese on 6090 and over beep jammer (this TX doesn't appear to be jammed) – Good 10/28 (Barton-AZ)
- 5990 **OPPOSITION Echo of Hope** – Suwon Osan, SOUTH KOREA (P) 2230, 11/5/20 in Korean. Man announcer with a program of lively instrumental music. Poor. (Taylor – WI)
- 5995 **MALI ORTM Radio Mali** – 10/9 2320 noted with discussion in French; SIO 333. (Bueneman-MO/SSDX)
- 5995 **MALI Radio Mali**, Bamako I, 23:29 GMT, 27 Sept, SIO 344, Man speaking in a combination of Arabic and French with lovely background music typical of Mali followed by more folk music with singing. Good reception. (Fredette-ON)
- 5995 **MALI Radio Mali**, 23:17 GMT, Oct 19, SIO 322, French and Arabic program. Two woman speaking with a man. Philosophical discussion as best I can make out. Hard to understand between local French patois and noise level. Fair with fading followed by sub Saharan folk music. (Fredette-ON)
- 5995 **MALI Radio TV du Mail** – Bamako, 2227-2257 Nov 6, music programming at tune in followed by station ID and news in French by a man announcer at 2230. Lively vocals at 2248. Fair signal. (D'Angelo-PA)

- 5995 **SAO TOME *Voice of America*** via Pinheira w/OM&YL in Bambara @2135 co-channel with Mali. SINPO=33343. (Figliozi, NY 10/29)
- 5995 **MALI *Radio Mali***, Bamako @2135 w/W. AF. Vocals co-channel w/VOA via Sao Tome. SINPO=33343. (Figliozi, NY 10/29)
- 5995 **MALI *Radio Mali*** Bamako, 2356, 9/26/20 in Bambara with a bit of French. Mellow vocal, man with talk mentioning "Bamako," including a French ID of "Radio Mali, Bamako," into alternating talk by the same man and a woman to abruptly off at scheduled 0000. Fair. (Taylor - WI)
- 6010 **BRAZIL *Radio Inconfidência*** 0415-0420 8.11 B R Inconfidência, Belo Horizonte, MG Portuguese talk 25333 AP-DNK
- 6015 **ROMANIA *Radio Romania Int'l*** via Galbeni - 9/13 0012 noted with commentary in French into contemporary music; SIO 323. (Bueneman-MO/Home)
- 6030 **UNITED STATES *Radio Marti***, Greenville apparently no longer s/off @0400. Hrd @0504 w/OM in SS & Cuban ballad sung by YL w/jamming at minimal levels. SINPO=54455. (Figliozi, NY 10/22)
- 6050 **FRANCE *Radio Algerienne*** via Issoudun - 9/9 0448 noted with light vocal music and commentary in Arabic; SIO 333. (Bueneman-MO/Home)
- 6050 **EQUADOR *Vozandes Media*** 0420-0425 8.11 EQA Vozandes Media, Pichincha Spanish conversation 25232 AP-DNK
- 6090 **OPPOSITION *Shiokaze/Sea Breeze*** (JAPAN) at 1330 // 6040. In Korean today, mixing w/ DPRK's beeper jammer and closing at 1400 after familiar piano music. 6040 appeared to be unjammed - Very Good 10/16 (Barton-AZ)
- 6090 **ETHIOPIA *Voice of Amhara*** S2020-2030 7.11 ETH Voice of Amhara State, Geja Jewe Amharic talk 33433 AP-DNK
- 6100 **CUBA *Radio Habana Cuba*** in EE. November 6, 2020, 0703 - 0708. SIO 444. YL commentator with news and commentary. Distorted audio, but listenable. (Henley, WA)
- 6100 **ROMANIA *Radio Romania Int'l*** via Galbeni - 10/10 0038 noted with commentary, light pop music, promo and ID in Romanian; SIO 545. (Bueneman-MO/SSDX)
- 6125 **CHINA *CNR 1*** in CC. // 6145, 6180. November 6, 2020, 1543 - 1549. SIO 333. CNR domestic broadcast, OM announcer, background MX, announcements, advertisements and various audio clips. Listenable. (Henley, WA)
- 6145 **CHINA *CNR 1*** in CC. November 5, 2020, 1602 - 1606. SIO 433. Domestic broadcast. OM commentator, Moderate QRN / QSB. Usual CNR format of talk, MX, and advertisements. (Henley, WA)
- 6155 **AUSTRIA *Radio Oesterreich Int'l*** Moosbrunn, \*0459-0527 Oct 14, opening instrumental music followed by a woman announcer with station ID and opening announcements in the German language. Man with news features. Good signal. (D'Angelo-PA)
- 6155 **AUSTRIA *ROI*** Moosbrunn relaying OE1 w/M in GG reading NX @0509. SINPO=55555. (Figliozi, NY 10/22)
- 6155 **AUSTRIA *NHK World Radio Japan*** via Moosbrunn @0435 w/NX in EE. SINPO=34333. //7445. (Figliozi, NY 10/30)
- 6170 **BOTSWANA *Voice of America Studio 7*** via Mopeng Hill - 9/25 0450 noted with discussion in Shona; SIO 323. (Bueneman-MO/Home)

- 6180 **BRAZIL *Radio Nacional da Amazônia*** ZYE365 Brasilia, DF – 10/10 0026 noted with promo and commentary in Portuguese; SIO 545. (Bueneman-MO/SSDX)
- 6180 **ASCENSION ISLANDS *Voice of America*** relayed from here w/Hausa service for Africa @0512. SINPO=45333. (Figliozi, NY 10/22)
- 6185 **MEXICO *Señal Cultura México XEPPM*** México, DF – 10/10 0028 noted with a discussion on the Mexican economy in Spanish. SIO 333 with ACI from Brazil on 6180 kHz. (Bueneman-MO/SSDX)
- 6185 **MEXICO *Radio Educacion***, Mexico City w/piano jazz @0514. SINPO=33333. QRM de VOA 6180. (Figliozi, NY 10/22)
- 6185 **CHINA. *China Hyual B.C.*** – Jinhua (P), 130, 10/26/20 in Mandarin. Mellow music segued. Poor – fair. (Taylor – WI)
- 7220 **CHINA *China Radio Int'l*** in JJ. November 5, 2020, 1558 – 1600. SIO 444. Listed target is FE. YL announcer with ID and contact information, including web address. Off air at 1600. (Henley, WA)
- 7220 **CHINA *China Radio Int'l*** in JJ. November 6, 2020, 1550 – 1600. SIO 555. Excellent signal. OM with JJ talk. Listed target is FE. Long monologue. Host switch at 1556 with ID and contact information. CRI theme MX and YL at 1557. More ID and contact information in JJ. Off air at 1600. (Henley, WA)
- 7255 **NIGERIA *Voice of Nigeria*** via Abuja – 9/8 0600 noted with ID, mention of Nigeria, news headlines into detailed news in Hausa; SIO 444. (Bueneman-MO/Home)
- 7268 **UNITED STATES *Hurricane Watch Net WX4NHC*** – 10/9 2324 noted with information on Hurricane Delta, “This is the Hurricane Watch Net” ID in English. SIO 545 in LSB mode. (Bueneman-MO/SSDX)
- 7295 **MALI *China Radio Int'l*** relay – 10/9 2334 noted with dramatic play in Chinese; SIO 333. (Bueneman-MO/SSDX)
- 7295 **MALI *China Radio Int'l***, 23:05 GMT, Oct 19, SIO 434, Chinese program, man talking with background music followed by young lady speaking. Good with moderate fading. (Fredette-ON)
- 7295 **FRANCE *Radio Algerienne*** via Issoudun w/AA pop mx & OM/YL in AA followed by Koran reading from 0516. SINPO=45544. (Figliozi, NY 10/22)
- 7340 **CLANDESTINE *Eye Radio*** – Issoudun, \*0400-0427 Oct 16, man announcer with opening announcements followed by news in the Arabic language. Time pips at 0415 followed by another man with English language station ID, website information and news. Poor to fair reception. (D’Angelo-PA)
- 7345 **VATICAN CITY *BBC*** via Santa Maria Del Galeria w/WS in EE @0520. SINPO=35333. (Figliozi, NY 10/22)
- 7355 **SINGAPORE *BBC*** in KK relay via Kranji. November 6, 2020, 1625 – 1631. SIO 555. Language lesson KK / EE. Key word is “Cycle” as in bicycle. OM and YL instructors. Excellent signal. Other key words were “walk,” “drive,” “by bus,” “by train,” all versions of “travel.” Excellent signal, easy listening. News at BOH. (Henley, WA)
- 7380 **INDIA *All India Radio GOS*** Bengaluru (P), 0138, 11/3/20, In Sindhi. Woman announcer with Indian film music. Poor – fair. (Taylor – WI)
- 7420 **ROMANIA *Radio Romania Int'l***, Galbeni in 2 hr Romanian Sce. To NA (0000-0155 0100-0255 in winter) hrd w/local pop mx 0020, then M in Romanian. Sce. In native Lang much more vibrant sounding than EE Sce. And

plays a considerable amt of pop mx w/hour long classical mx concert on wind. SINPO=55555. (Figliozi, NY 10/23)

- 7435 **CHINA China Radio Int'l** in EE to Southern Africa. November 6, 2020, 1633 – 1639. SIO 444.OM reading tale from book about war in China, possibly in the 8<sup>th</sup> century. YL with ID. (Henley, WA)
- 7445 **JAPAN NHK Radio Japan** in JJ. November 6. 2020, 0709 – 0714. SIO 434. POP MX in EE. YL announcer between songs in EE. “Say a little prayer for me.” Listenable with moderate QRN. (Henley, WA)
- 7445 **FRANCE NHK World Radio Japan** via Issoudun @0436 w/NX in E. SINPO=45444. //6155. (Figliozi, NY 10/30)
- 7445 **MADAGASCAR BBCWS** via Talata-Volonondry @1945 w/“Sport Today” in EE. This freq has worked fairly reliably for ECNA listeners during winter afternoons. S/on 1600; s/off 2000. SINPO=55444. (Figliozi, NY 10/30)
- 9275 **PHILLIPINES FEBC**, Bocaue w/OM&YL in CC @1345, Hymn by YL 1347. SINPO=25432. (Figliozi, NY 10/23)
- 9275 **PHILIPPINES Radio Liangyou** (Bocaue) at 1530, pop female pop vocal music, W presenter in Chinese, closing with tuning signal at 1600 – Very Good 11/4 (Barton-AZ)
- 9320 **PHILIPPINES Voice of America** via Tinang w/YL singing in Korean @1342, then talk by YL in Korean. SINPO=24422. Flutter fade w/slight splatter from QRM de WBCQ 9330. (Figliozi, NY 10/23)
- 9330 **UNITED STATES WBCQ** in EE from Monticello, ME. November 5, 2020, 1550 – 1555. SIO 444. “World’s Last Chance” religious program. OM and YL commentators and / or preachers. Listed target is WNA. “Promises” in the Bible. Moderate QRN, shallow QSB. (Henley, WA)
- 9420 **GREECE Helliniki Radiophonia**, 20:56 GMT, Oct 21, SIO 444, English pop song “Celebrate one more time”, Greek male announcer followed by female announcer with background music. Followed by Greek pop music. Very good with slight fading. (Fredette-ON)
- 9445 **KOREA (North) Voice of Korea** – Kujang, 2149-2219 Nov 4, music programming with a woman announcer with new sin Mandarin language at 2200. Return to musical selection sat 2213. Poor signal. (D’Angelo-PA)
- 9455 **UNITED STATES - Radio Prague Int'l**. relayed via WRMI, Okeechobee FL w/EE prgm @2340. ID for Radio Prague Int. @2344. Freq. (temporarily?) replaces 9395 while TR is being repaired. SINPO = 55555. (Figliozi, NY 10/30)
- 9470 **CHINA China Radio Int'l**, Xian w/talk by OM presumably NX in listed Mongolian @0010. SINPO=35544. (Figliozi, NY 10/23)
- 9490 **KUWAIT Voice of America**, 20:55 GMT, Oct 8, SIO 444, Hausa program, two men speaking with musical interlude. References to Nigeria. ID at 21:00 sign on from VOA in English. Very good reception, slight fading. (Fredette-ON)
- 9510 **SINGAPORE - BBC** via Kranji wk w/M in listed Bangla @1350. SINPO=25432. (Figliozi, NY 10/23)
- 9600 **CHINA Radio China Int'l**, 21:18 GMT, Oct 18, SIO 222, English program, lady speaking very quickly and hard to understand. Discussion seems to be about the internet. Poor to fair, just above the noise level. (Fredette-ON)
- 9605 **UNITED STATES KBS World** via WHRI Cypress Creek, SC – 10/10 0159 noted with “This is KBS World” ID in English, “WHRI Cypress Creek, South Carolina,

U.S.A." legal ID in English before the carrier was cut at 0200; SIO 333.  
(Bueneman-MO/SSDX)

- 9635 **UNITED KINGDOM Radio Ndrason Int'l** – Wooferton, 1837, 10/5/20 in Kanuri. Man talking at length. Poor – fair. (Taylor – WI)
- 9655 **FRANCE Radio Algerienne** – Issoudun, 2035-2059\* Oct 16, man announcer with Arabic language talk hosting a program of recitations. Fair to good. (D'Angelo-PA)
- 9660 **BULGARIA BBC** – Kostinbrod (P), 1815, 11/7/20 in Somali. 2 men talking at some length. Poor – fair. (Taylor – WI)
- 9664 **BRAZIL Radio Voz Missionaria**, Florianopolis @2205 w/OM in PP speaking comfortably w/light mx in background. SINPO - 45534. Sig strength belies this is only 10 KW. (Figliozzi, NY 10/31)
- 9665 **BRAZIL Radio Voz Missionaria** ZYE890 Camboriú, Santa Catarina – 10/10 0202 noted with ID, Christian music, a sermon and promos in Portuguese; SIO 333. (Bueneman-MO/SSDX)
- 9690 **OPPOSITION Furusato no kaze** (Japan via TAIWAN) 1620 tune-in. Monologue with W in Japanese, then long long outro song and off at 1630 - Very Good 10/28 (Barton-AZ)
- 9690 **OPPOSITION Furusato no kaze** (TAIWAN) at 1610 (in progress at tune-in), W in Japanese, pop music, monologue with W in Japanese over soft soundbed of music. Song sung by child & off – Good to Very Good 10/27 (Barton-AZ)
- 9740 **UNITED KINGDOM Voice of America**, 21:05 GMT, Oct 8, SIO 333, French program, news on Africa and Corona virus and other news items followed by English language lessons. A program on email with French announcer followed by English version. Program called "English USA" program seems to be aimed at Senegal. Very good reception at beginning but faded at end. (Fredette-ON)
- 9740 **UNITED KINGDOM Voice of America** 21:11 GMT, Oct 21, SIO 444, French program, "African voices in conversation" show. French to English language lessons with female announcer. Very good minor fading. (Fredette-ON)
- 9795 **VATICAN Vatican Radio** – Santa Maria di Galeria, 2006-2027\* Oct 16, man announcer with African News Panorama features in the English language service. Brief vocal prior to carrier being terminated. Fair to good. (D'Angelo-PA)
- 9800 **OPPOSITION Nippon no kaze** (JAPAN) 1530, lighthearted pop vocals, W in Japanese, closing out at the top of the hour – Very Good 10/26 (Barton-AZ)
- 9815 **CHINA China Radio Int'l** via Kashgar – 10/10 0207 noted with news analysis in Chinese; SIO 222. (Bueneman-MO/SSDX)
- 9818 **BRAZIL Radio 9 de Julho**, Sao Paulo presumed @2210 bothered by het from CNR-2 listed 9820. OM in PP, light Brazilian vocal pop by YL. Was not able to get a definite ID. SINPO=23542. (Figliozzi, NY 10/31)
- 9840 **VIETNAM Voice of Vietnam** at 1200, W, then M, in Japanese. VG reception w/o any CCI issues - Very Good 10/16 (Barton-AZ)
- 9900 **TAIWAN Radio Taiwan**, 23:00 GMT, Oct9, SIO 323, Chinese program, Man, woman and child taking with background music, ID at 23:00 followed by martial music, Jamming by CNR. Used USB to eliminate. (Fredette-ON)

- 9900 TAIWAN *RADIO Taiwan Int'l*** Tamsui fighting a Chinese jammer relaying CNR-1 as listed @2247. I have no idea which is which but there are definitely two stations on freq. either way it's talk in CC. SINPO=22432. (Figliozi, NY 10/30)
- 9939 BRAZIL *Radio Voz Missionaria*** @2356 weak w/OM preaching in PP. SINPO=15222. //9665. (Figliozi NY 10/22)
- 9940 ESWATINI *Trans World Radio*** – Manzini, 1932-2005\* Oct 16, group singing followed by a man announcer with long religious talk in the listed Lingala language. At 2002 another man spoke over instrumental music in apparent close-down routine. Familiar IDS at 2005 before carrier was terminated. Poor to fair. (D'Angelo-PA)
- 10000 BRAZIL *PPE Rio de Janeiro***, R.J. – 10/10 0214 noted with UTC time checks and announcements in Portuguese, high-pitched tones every ten seconds. SIO 222 underneath WWV and WWVH. (Bueneman-MO/SSDX)
- 10000 HAWAII *WWVH*** Kekaha, Kauai – 10/10 0211 noted with time signals and UTC time checks in English; SIO 333 over WWV and PPE. (Bueneman-MO/SSDX)
- 11530 FRANCE *Voice of Welt*** (Radyo Denge) 20:55 GMT, Oct 18, SIO 333, Kurdish folk music, young lady singing. Cut off at 21:00. (Fredette-ON)
- 11530 MOLDOVA - *Denge Welat*** via Kichinev @1545 w/OM in Kurdish and then Kurdish mx, in the clear from Turkish jamming. Off at 1559. SINPO=55444. (Figliozi, NY 11/7)
- 11560 INDIA *All India Radio*** – Bengaluru, 1443-1511 Nov 1, several nice vocal selections with a man announcer hosting with talk in the listed Pashtu language. Fair to good signal. (D'Angelo-PA)
- 11560 INDIA *All India Radio***, Bengaluru @1407 w/subcont. Vocals in Dari sce. To Afghanistan, transitioning to Pashto sce. @1415 w/OM reading NX, hrd mentions of Kashmir and web addresses. Powerful sig into ECNA this time of year; one wonders if the 500KW overshoots its intended target. SINPO=45444. (Figliozi, NY 10/24)
- 11560 INDIA *All India Radio***, Bengaluru w/subcont. Vocals @1515, somewhat distorted. Break in tr @1520, restored 1522. YL in listed Pashto @1525 w/flute mx & drums in background. S/off 1530. SINPO=45544. There in good quality every morning (NA ET time) now that winter season is here. (Figliozi, NY 10/30)
- 11590 ARMENIA *TWR*** via Gavar w/Int.-Sig. @1329 into prgm in listed Magahi lang. Hymnal & subcont. Vocals hrd @1332. SINPO=35232. High QRN. (Figliozi, NY 10/23)
- 11600 BULGARIA *Overcomer Ministry*** – Kostinbrod (P), 1512, 11/8/20 in English. Brother Stair talking about U.S. politics (although not about the election which leads me to think this is an old broadcast,) program ID into lengthy contact information. Fair to good (signal quality that is.) (Taylor – WI)
- 11600 BULGARIA *Overcomer Ministry*** – Kostnibord (P), 1608, 9/20/20 in English. Someone else than Brother Stair preaching. Fair. (Taylor – WI)
- 11610 MADAGASCAR *World Christian broadcast***, The light of life, 21:00 GMT, Oct 18, SIO 444, Chinese program, Musical intro followed by man and woman speaking, Chinese to English lessons, very clear, little fading. (Fredette-ON)

- 11640 **MALI Radio China Int'l**, 20:48 GMT, Oct 16, SIO 434, English program, Man reading a fable (story with a proverb) based on Chinese Confucius philosophy. ID at 21:00 followed by news on china, China-Africa relationship and development. Very good reception, clear with slight fading. (Fredette-ON)
- 11640 **MALI China Radio Int'l** – Bamako, 2035-2107 Nov 4, tune in to the English service with a literature story feature followed by station ID, instrumental music and brief Chinese language lesson. A woman announcer with news at 2100. Fair to good. (D'Angelo-PA)
- 11640 **BULGARIA - Radio Dabanga** via Kostinbrod @1602 w/OM&YL in AA apparently reading nx. or conducting interview. Echo effect noted. SINPO=35343. (Figliozzi, NY 11/7)
- 11680 **N. KOREA (tent.)** - Vy weak fluttery sig w/OM spkg @1605 might be KCBS, Kanggye in KK domestic sce. No other station listed for this time and freq. Note simultaneous and relatively strong sig from VOK on 11710. SINPO=15321. (Figliozzi, NY 11/7)
- 11710 **NORTH KOREA Voice of Korea**, 14:55 GMT, Oct 12, SIO221, French program, marshal music followed by French female announcer, cut off at 14:58, Barely above noise level, fair to poor. (Fredette-ON)
- 11710 **NOTRH KOREA Voice of Korea**, Kujang @1415 w/YL reading NX in FF, sung ballad by YL&OM w/orchestral and choir background. SINPO=25332. //9435 barely audible. (Figliozzi, NY 10/24)
- 11710 **N. KOREA – Voice of Korea**, Kujang @1610 w/OM reading nx in FF, YL @1614 followed by orchestral mx & singing by YL. SINPO=35343. Unusually strong sig for ECNA. (Figliozzi, NY 11/7)
- 11725 **NEW ZEALAND RNZ Pacific** in EE. November 6, 2020, 0715 – 0727. SIO 444. News, political commentary with a panel of OMs and YL. Drum roll between segments. Minor QRN. Easily listenable. (Henley, WA)
- 11750 **CHINA CNR1** Shijiazhuang – 10/10 0134 noted with promos and ads into a discussion in Chinese; SIO 333. (Bueneman-MO/SSDX)
- 11780 **BRAZIL Radio Nacional da Amazônia** ZYE365 Brasilia, DF – 10/10 0016 noted with commentary in Portuguese; SIO 555. (Bueneman-MO/SSDX)
- 11780 **BRAZIL Radio Nacional da Amazonia**, 21:06 GMT, Oct 18, SIO 434, Portuguese program, Loud DJ very animated with reverb on the voice. Good signal, slight fading. (Fredette-ON)
- 11815 **BRAZIL Radio Brasil Central** ZYE440 Goiânia, Goiás – 10/9 2356 noted with pop music and ID in Portuguese; SIO 333. (Bueneman-MO/SSDX)
- 11815 **TURKEY– Voice of Turkey** Emirler @1435 w/Turkish sce to EU playing what sounds like mournful mx in light of earthquake in east of the country. SINPO=55344. (Figliozzi, NY 10/31)
- 11830 **GERMANY Pan American Broadcasting** – Nauen (P), 1614, 9/20/20 in English. Woman interviewing a man. Fair. (Taylor – WI)
- 11905 **SRI LANKA SLBC** via Trincomalee – 9/23 0035 noted with South Asian music and brief commentary in Bengali; SIO 323. (Bueneman-MO/Home)
- 11915 **SAUDI ARABIA Broadcasting Service of the Kingdom of Saudi Arabia** (Holy Quran) – Riyadh, 2151-2224 Nov 1, a program of recitations with occasional talk in the Arabic language by a man announcer. Poor to fair. (D'Angelo-PA)
- 11950 **CUBA Radio Habana Cuba**, Bauta on early w/ SS OM speaker giving Cuban revolutionary talk @2242. Not //RHC 11760. Glenn Hauser reports that this

- is the audio of the Mesa Redonda program that usually airs 2300-0000 but is sometimes on early for special events. SINPO=55344. (Figliozi, NY 10/30)
- 11965 MADAGASCAR African Pathways Radio** – Mahajanga, \*1959-2017 Nov 4, open carrier followed by instrumental music opening and English language program (“Welcome to African Pathways Radio”), religious vocal selection followed by a talk about prisoner ministries. Good signal. (D’Angelo-PA)
- 11985 MADAGASCAR Adventis World Radio** – Talata Volonondry, vocals and talks in the Arabic language with station ID and website address prior to instrumental music before carrier was terminated. Fair. (D’Angelo-PA)
- 12065 SINGAPORE BBCWS** via Kranji in EE @1339 but vy wk. SINPO=15221. Sig is there & only listing for this freq. but not listenable other than a word here and there. (Figliozi, NY 10/23)
- 12160 UNITED STATES WWCR 2** in EE from Nashville. November 6, 2020, 1642 – 1654. SIO 544. CSC Talk Radio program with Beth Ann. Talk of the election. Host and callers are not buying the current results. Advertisement for Page Publishing vanity press. Advertisement s for Made in America products. Good signal, easy listening, with moderate QRN / QSB. Some pulse QRM. Talk and evidence of voter fraud. YouTube censorship. Social media attempting control of the narrative. (Henley, WA)
- 13089 UNITED STATES United States Coast Guard NMN** Portsmouth, VA – 9/11 2354 noted with North Atlantic marine forecast in English; SIO 333 in USB mode. (Bueneman-MO/Home)
- 13360 MALI Radio China Int’l**, 21:00 GMT, Oct 14, SIO 434, English program, ID and news about china. News on testing for corona virus. Infection numbers low in China or so news says. Female announcer followed by news about development of Libyan oil fields. Followed by “Round table” show from Beijing. Discussion on “Tick Tok” and driverless cars in Beijing and insurance for long term care. Good signal but a slight bit of clipping on the signal. (Fredette-ON)
- 13635 TURKEY Voice of Turkey** 1230, piano, M vocal music, M and W near the hour in dialogue and with ID, then more regional music – Very Good 10/16 (Barton-AZ)
- 13670 MADAGASCAR Radio Feda** 1950 with M and ID, contact address. Later two men in dialogue, all in Arabic – Very Good 10/26 (Barton-AZ)
- 13710 CHINA Radio China Int’l**, 14:48 GMT, Oct 10, SIO 232, English program, discussion between 2 men and a woman on working out and exercise. Abrupt cut off at 14:58. Arabic religious chant came on followed by Arabic speaker, presumably religious talk due to cadence of speech. Fair, barely above noise level. (Fredette-ON)
- 13710 MADAGASCAR Radio Feda** 2030, in 22 meter band, M in Arabic, good ID at 2045 – air/Good 10/26 (Barton-AZ)
- 13820 UNITED STATES Radio Marti** in SS. November 3, 2020, 1646 – 1656. SIO 434. MX in EE, YL vocalist, OM announcer in SS. Talk of the USA election. Frequent ID, mention of the Cuban vote in Florida. More MX, show tunes in EE, Frank Sinatra, etc. Song “New York, New York.” (Henley, WA)
- 13820 UNITED STATES Radio Marti** in SS. November 5, 2020, 1539 – 1548. SIO 555. Excellent signal with slight QRN. OM with SS talk, animated monologue. Target Cuba. Listener call-in. (Henley, WA)

- 13820 UNITED STATES *Radio Marti*** in SS. November 6, 2020, 1654 – 1702. SIO 555. Excellent signal. OM announcer with Latin MX. Easy listening. ID and announcements with OM and YL announcers / news readers. Frequency designations and news at TOH. (Henley, WA)
- 13830 VATICAN STATE *Vatican Radio*** (Santa Maria di Galeria) at 1600, monologue with W in (listed as) Swahili, choir music – Good to Very Good 11/4 Barton-AZ
- 13840 NEW ZEALAND *Radio New Zealand Pacific*** via Rangitaiki – 10/10 0052 noted with commentary and pop music in English; SIO 333. (Bueneman-MO/SSDX)
- 13845 UNITED STATES *WWCR 3*** in EE from Nashville. November 5, 2020, 1534 – 1538. SIO 322. Religious MX, Choral singing with mixed choir. Gospel MX. Brother Stair preaching through the QRN / QSB noise. End of day's theme. Poor listening. (Henley, WA)
- 15000 HAWAII *WWVH*** Kekaha, Kauai -10/9 2336 noted with time signals and UTC time checks in English. SIO 333 with no sign of WWV. (Bueneman-MO/SSDX)
- 15140 CUBA *Radio Habana Cuba*** in SS and/or Esperanto. November 5, 2020, 1528 – 1533. SIO 322. Listed target is ENAM. Distorted audio, Latin MX. Poor listening. (Henley, WA)
- 15180 CHINA *Radio China Int'l*** 12:30 GMT, Oct 12, SIO 433, Marshal classical music followed by Chinese music. Followed by female Serbian announcer. Some mention of Yugoslavia. Fair to good. Was fair but improved to good. (Fredette-ON)
- 15190 BRAZIL *Radio Inconfidencia***, Belo Horizonte w/Brazilian pops @2135. Fairly strong sig cutting thru 19m QRN. SINPO=35333. (Figliozi, NY 10/31)
- 15195 FRANCE *DW*** via Issoudun w/Sat. only soccer commentary in Hausa @1520. SINPO=45434. //15350. (Figliozi, NY 10/31)
- 15350 FRANCE *DW*** via Issoudun w/Sat. only soccer commentary in Hausa @1525. SINPO=45434. //15195. (Figliozi, NY 10/31)
- 15380 CHINA *CNR1*** Beijing – 10/9 2340 noted with commentary in Chinese; SIO 222. (Bueneman-MO/SSDX)
- 15555 NORTHERN MARIANA ISLANDS *Radio Free Asia*** via Saipan – 10/9 2342 noted with news analysis in Chinese; SIO 323. (Bueneman-MO/SSDX)
- 15580 BOTSWANA *Voice of America***, 15:43 GMT, Oct 11, SIO 333, English program, interview between a man and a woman on South African music. Good to fair with slight fading. (Fredette-ON)
- 15580 BOTSWANA *Voice of America***, 19:38 GMT, Oct 12, SIO 444, English program, man talking about Columbus Day in USA and how it is being treated this year. Talk on removal of C Columbus's statues in parts of USA and also history of Columbus's exploits. 1934 Columbus Day was initiated. Discussion on criticism of Columbus. Balanced discussion. Followed by effects of seals in New England waters. Program was in special English. Very good reception. Very clear. (Fredette-ON)
- 15600 CHINA *China Radio Int'l*** via Beijing – 10/9 2344 noted with traditional Chinese music and brief commentary in Portuguese; SIO 323. (Bueneman-MO/SSDX)
- 15600 UNID** -Vy strong sig @1451 w/2 OM spkg in Unid Lang (Kurdish?) but hrd mention of "Kurdistan". Quite possibly VOA in Kurdish as 15605 listed for

this an hour later but we are in one of the seasonal time change wknds. That listing says the Moepeng Hill, Botswana relay tr but sig strength suggests Greenville. Off1459. SINPO=55545. (Figliozi, NY 10/26)

**15670 GERMANY AWR** via Nauen @1539 w/soothing OM spkr in Tibetan w/stringed instrument playing quietly in background. SINPO=35533. Tibetan on Th/Fr only, otherwise EE. (Figliozi, NY 10/22)

**15700 CHINA China Radio Int'l** in EE. November 5, 2020, 1518 – 1526. SIO 444. Listed target is WNA. United States election news with a China bias. Minor QRN /QSB. Election uncertainty, various claims of fraud. Nevada key to final outcome. (Henley, WA)

**17775 UNITED STATES Voice of Hope**, Rancho Simi CA @1612 w/very pleasant jazz prgm interspersed with inspirational mgs. K in its Sat. only EE sce. SINPO=35433. (Figliozi, NY 10/24)



Jerry Berg • 36 Eastern Ave • Lexington MA 02421-7538 • jsberg@rcn.com

<www.ontheshortwaves.com> Update, October 25, 2020 -- In "DX History on the Net," we have updated the links, changed some that have moved, and dropped those that have disappeared. In addition, we have posted 12 new URLs, all in the "Stations & Countries on Shortwave" section (the shaded items). They are: Radio Saigon; Radio Atlantico del Sur (Falkland Islands War) and other "clandestine" stations; Radio Australia: 80 Years of International Broadcasting; Radio for Peace International; two Radio Berlin International sites--Comrade Africa, and Working at Radio Berlin International, 1988-1990; The Power of Radio During British-Mandated Palestine; the BBC Genome Project; Radio Finland Timeline; Radio in the American Sector (RIAS); Radio Sarawak; and The Story of Singapore Radio. - And under "Specialized Resources," we have posted the following new entries from Adrian Peterson: "A Hundred Years of Radio Broadcasting in Argentina: The Radio Scene During the Malvinas War," with two audio inserts (Wavescan N606, October 4, 2020); "The Early Shortwave Scene in Nepal-1" (Wavescan N607, October 11 2020); "Australian Shortwave callsign VLT" (Wavescan N607, October 11, 2020); and "Return to Nepal-2: Radio Broadcasting from Mt. Everest" (Wavescan N608, October 18, 2020).


<www.ontheshortwaves.com> Update, November 1, 2020 -- Under "DX History/Recordings," we have posted Brazil V, a collection of 17 recordings of Brazilian shortwavers. Whether because Brazilians sounded a little less exotic, or because many operated in the higher frequency bands, or because Portuguese was less familiar to the ear than Spanish, Brazil never had quite the DX cachet as Bolivia, Ecuador and Peru, even though many were equally good DX--and they were better QSLers. The stations in Brazil V are as follows (ID locations in brackets): (1) Emissora Rural, A Voz de Sao Francisco, Petrolina, 4947 kHz., 1977 [:03]; (2) R. Aparecida, 6135, 2003 [:03]; (3) R. Araguaia, 4905, 1980 [:28]; (4) R. Clube de Teresina,


3285, 1976 [:28]; (5) R. Clube do Para, 4885, 2004 [:09]; (6) R. Cultura, Sao Paulo, 6165, 1976 [1:50]; (7) R. Educadora da Bahia, Salvador, 6025, 1982 [:32]; (8) R. Educadora, Guaraja-Mirim, 3375, 2004 [:21, 1:10]; (9) R. Guaruja Paulista, 5045, 2003 [:04, :28, 1:22, 2:00]; (10) R. Ipanema, Rio de Janeiro, 11887, 1976 [:11, 1:51]; (11) R. Nacional de Brasilia, 9665, 1977 [:18, 1:09]; (12) R. Panamericana, Sao Paulo, 6055, 1977 [:14]; (13) R. Rural, Santarem, 4772, 1981 [:27]; (14) R. Tabajara, Joao Pessoa, 4797, 1979 [:13]; (15) R. Trans Mundial, Sao Paulo, 11735, 2004 [:07, :53]; (16) Rdfsra. Acreana, Rio Branco, 4885, 1977 [:49]; and (17) Rdfsra. Pocos de Caldas, 4945, 1981 [:47]. -- Under "Specialized Resources/Wavescan," we have this new entry from Adrian Peterson: "Largest Whale Stranding in the History of Tasmania: The Local Radio Scene," Wavescan N609, October 25, 2020 (with three audio inserts). Thanks, Adrian. -- And also in "Specialized Resources/Active-Inactive SWBC Countries," we've belatedly updated Anker Petersen's "Trends in Tropical Band Broadcasting" with the 2020 statistics. The number of active tropical band transmitters in 2020: 84. In 1973 the figure was 1106. Thanks, Anker.


<www.ontheshortwaves.com> Update, November 8, 2020 -- Last time we posted some recordings of Brazilian stations. This time, under "CPRV/The CPRV Gallery," we have posted a compilation of Brazilian QSLs. Look under "Shortwave Broadcast/South & Central America," "Brazil - SW Stations (Compilation No. 2, 1945-1983)." The QSLs, which are from the collections of Bill Flynn, Roger Legge, Bill Sparks, and Jan Tuner, are as follows: (1) Ceara Radio Clube, Fortaleza (1977); (2) & (3) R. Aparecida (1959 & 1967); (4) R. Clube do Para, Belem (1945); (5) R. Clube de Ribeirao Preto (1970); (6) R. Cultura da Bahia (Salvador); (7) R. Dragao do Mar, Fortaleza (1962); (8) R. Educadora de Parnaiba (1959); (9) R. Educacao Rural de Coari (1983); (10) Soc. R. Emissora Paranaense, Curitiba (1959); (11) R. Globo, Rio de Janeiro; (12) R. Guaiba, Porto Alegre (1971); (13) R. Inconfidencia, Belo Horizonte (1946); (14) R. Mayrink Veiga, Rio de Janeiro; (15) R. Pioneira, Teresina (1969); (16) R. Record, Sao Paulo; (17) R. Rio Mar, Manaus (1961); and (18) A Voz do Sertao, Presidente Prudente (1967).

<www.ontheshortwaves.com> Update, November 15, 2020 -- We have several interesting items this time. Under "DX History//Lists, Logs, Guides & Columns," we have posted the 1935 "General Electric Radiotron Radio Log and Bridge Score." It is a two-panel folder with a sliding card inside each panel. On one panel, the slider has U.S. stations on one side and Canadian stations on the other, and you can view the frequency, call letters and location by moving the slider and looking through cutouts in the folder. The other slider works similarly, but instead of stations the slider shows tricks, doubles, etc. There is also a list of international shortwave stations, and advertising for Radiotron tubes. -- In "DX History/Stations" we have posted an interesting article by Andy Robins about Richard Archbold's third New Guinea expedition in 1938, and the Consolidated Aircraft Catalina "flying boat" Guba, and amateur radio station PK6XX, that were part of it. This article is from John Figliozzi's "Shortwave Center" column in the November 2020 issue of the Journal of the North American Shortwave Association. Thanks Andy and NASWA for permission to post the article here. -- November 2 was KDKA's 100th anniversary, and we have three items related to it. In "Specialized Resources/Wavescan," Adrian Peterson has written, "KDKA Celebrates 100 years: The Story of the Original Mediumwave Station 8ZZ" (Wavescan N610, November 1, 2020). (Search the "Wavescan" page for other KDKA articles by Adrian.) Also posted this time from Adrian is "Return to Nepal-3: Shortwave Radio on the Other Mt. Everest" (Wavescan N611, November 8, 2020). -- In our "DX History on the Net" page, under

“Shortwave Broadcasting in the United States,” we have added two new links to KDKA-related stories. One is to “KDKA Centennial, 1920-2020,” whose focus is on the shortwave side of KDKA. Pete Finnegan, W3WC, has done a great job pulling the station’s shortwave history together, and has illustrated it with many interesting graphics, including some that have not been seen before. – The other KDKA site is Duquesne University’s, “KDKA—100 Years of Radio,” which features a 3+ hour video on KDKA. The heart of it, at the start of the video, is a 48-minute presentation detailing the origins of the station. It includes in-depth history and great graphics, an audio recreation of the first broadcast [31:50], and much else. Both of these sites are worth a look.

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

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

**NASWA Facebook Page:** Join moderator Richard Murphy < [rm271828@gmail.com](mailto:rm271828@gmail.com) > at the club’s Facebook page which provides members with another way to keep in touch. This group is intended for social interaction between the club members and will not be used to publish loggings, articles, or other materials that would normally appear in The Journal, the NASWA E-group at Groups.io, or the Flashsheet. While the existence of the group is visible to all Facebook users, the online postings are available only to group members and group members must be NASWA members. Comments and suggestions from the membership are welcome. To locate the NASWA Facebook page, log into your Facebook account and then enter “North American Shortwave Association” into the Facebook search box at the top of the page. If you are into social media, give it a try. 

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**Executive Director:** Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610

**Publisher / Business Manager:** Richard Cuff, P. O. Box 3292, Allentown, PA 18106

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## **EDITORIAL STAFF**

**NASWA Notes:** Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610

**Musings:** Jerry Lineback, 4422 Sierra del Sol, Paradise, CA 95969-8116

**Listening Review:** Alan Roe, 33 Atbara Rd., Teddington, TW11 9PA United Kingdom

**Shortwave Center:** John Figliozzi, 45 Algonquin Rd., Clifton Park, NY 12065

**Adrian Peterson's Diary:** Dr. Adrian M. Peterson, Box 29235, Indianapolis, IN 46229

**NASWA Awards:** Gary R. Neal, P.O. Box 1, Cockeysville, MD 21030-0001

**Listener's Notebook:** Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610

**Pirate Radio Report:** George Zeller, 3492 W. 123rd St., Cleveland, OH 44111

**QSL Report:** Sam Barto, 78 Blakeman Rd., Thomaston, CT 06787

**Scoreboard:** Gary R. Neal, P.O. Box 1, Cockeysville, MD 21030-0001

**International Broadcasting:** Dr. Kim Andrew Elliott, 5001 25th Street North, Arlington, VA 22207

**Loggings:** Dave Turnick, 372 Spohn Rd., Sinking Spring, PA 19608

**NASWA Flashsheet:** Mark Taylor, 1114 Ellen Ave., Madison, WI 53716

**Desktop Publishing/Graphics:** Richard Murphy, 1342 Oak Path, San Antonio, TX 78258-1935

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