

# The **NASA** Journal

VOLUME LX NUMBER 8

AUGUST 2020

**LRA**  
RADIO NACIONAL  
BUENOS AIRES  
REPUBLICA ARGENTINA

**R.A.E.**  
RADIODIFUSION ARGENTINA AL EXTERIOR

AGRADECE SU INFORME DE RECEPCION  
FRECUENCIA ..... KC/S.

**R.A.E.**  
RADIODIFUSION ARGENTINA AL EXTERIOR

**R.A.E.** SARMIENTO 151 — BUENOS AIRES — ARGENTINA

**R.A.E.**  
RADIODIFUSION ARGENTINA AL EXTERIOR  
C.C. 555 CORREO CENTRAL - 1000 BUENOS AIRES  
REPUBLICA ARGENTINA

AGRADECE SU INFORME DE RECEPCION  
FRECUENCIAS: 6.060 - 11.710 - 15.345 KHZ.

**LRA**  
RADIO NACIONAL

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5-IX - 57

For the moment we haven't printed programs.-- when they will be ready, we will send for you

FRECUENCIA ..... 9690 ..... KC/S

POTENCIA ..... K W

PALACIO DE CORREOS      BUENOS AIRES  
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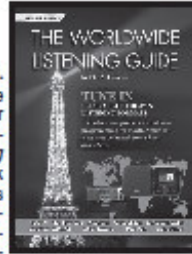
We have done some organizing in our archives and are pleased to offer an interesting assortment of **used books, manuals and radio literature**. Here is an opportunity to obtain *original owner's* manuals, service manuals, brochures, catalogs and books. All of the manuals, literature and most books may be viewed by going to our home page and selecting (used) Photos, then:

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## WORLDWIDE LISTENING GUIDE

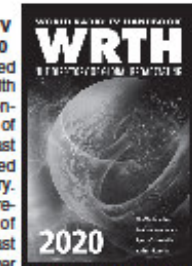
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## WORLD RADIO TV HANDBOOK 2020

This long established publication is filled with schedules, frequencies and addresses of shortwave broadcast stations. Organized primarily by country. Also includes a by-frequency listing of shortwave broadcast stations, plus receiver reviews. 74th Edition. ©2019 672 p. List \$49.95. Order #2020 \$44.95



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# NASWA Notes

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It seems as soon as things improve, we take a step backward in this coronavirus world we are currently living in. DX meetings are being canceled in Europe and North America (see below for August's cancellation). Nevertheless, our radio hobby can still provide quite a bit of enjoyment during these crazy times. Stay safe and comfortable while this pandemic is with us. Enjoy our radio hobby!

Shortly after the July edition of The Journal went to production, word was received from Mark Taylor about the planned 2020 Madison-Milwaukee Get-together for DXers and Radio Enthusiasts which was scheduled for Madison in August. Unfortunately, the event had to be canceled due to the ongoing Coronavirus / Covid-19 pandemic. Mark noted that next year's event will be in Madison and that further information will be released sometime next year. The purpose from the beginning has been to promote camaraderie among all DXers and radio hobbyists-- "making new friends and renewing old friendships" but this will now have to wait until next year. The event takes place the third Saturday of August so maybe begin planning to attend in 2021?

The club recently has lost another longtime member, Allan Loudell. Allan had been a member of the NASWA for several decades and a regular each year at the annual Winter SWL Festival. Allan Loudell (pictured) passed away on July 7<sup>th</sup> at age 64. It was clear at the February Winter SWL Festival that Allan had suffered some recent health issues but he was confident that he was on the road to recovery. Allan was a fixture in the Delaware radio community hosting programs on WILM Newsradio and then WDEL. Allan was an

excellent radio journalist, something he took great pride in. Many of us got to share DXing and QSLing stories with Allan each year at the Winter SWL Festival. He was a terrific storehouse of knowledge and a nice guy to boot. Rest in Peace!

John Herkimer takes us to exotic Argentina with this month's interesting cover. The top QSL card was my first from RAE back in the good old days. The others I remember but not with the same fondness of my first Argentina QSL! If I look around the radio shack with some intensity, I'm sure I can find the station pennant too. Stickers and postage stamps were also familiar items



received from international radio stations. Unfortunately, RAE Argentina is no longer on the air direct from South America these days. However, WRMI does carry RAE programs which in the interim is one way of listening to a longtime favorite international broadcast station. RAE apparently does plan to reactivate its shortwave transmitters but this is still a work in progress.

From John Herkimer, Chairman of the Country List Committee ("CLC"), we learn that the CLC has modified our radio country list booklet slightly. The revised radio country list is available on our website. The revised print date of June 29, 2020 is at the bottom of page 2. The CLC went ahead and moved Swaziland to Eswatini in the radio country list and gazetteer. They also updated the inactive countries using Jerry Berg's "Active-Inactive Countries" list which can be found in the [ontheshortwaves.com](http://ontheshortwaves.com) website. As mentioned previously, the current NASWA radio country list is now available on our website. Thanks John and the CLC for this update.

If you are into medium wave DX'ing then Loyd Van Horn's launch of DX Central ([www.dxcentralonline.com](http://www.dxcentralonline.com)) website that is devoted to AM and FM DX should be on your radar screen. The site launched in May. Van Horn noted "There are many sites out there for AM and FM DXers, but I have always wished there was a site that taught the art of DX and helped cultivate that skill, as well as provided information on equipment from the perspective of the DXer, air checks of station IDs and other things that would help

flatten the learning curve a bit." Although not shortwave radio related, I thought our members would have an interest in another DX website devoted to the radio hobby. There are plans to expand the site with what Van Horn calls "phase II" in the coming months. Loyd is the son of long time club member Gayle Van Horn who produces Global Radio Guide as an e-book.

The 2020 IRCA/DecalcoMania Convention is still being planned to be held at the Four Points by Sheraton, 1221 S Harbor Blvd, Anaheim CA 92805. (North of Disneyland) September 10-12 2020. Phone number for reservations is 714-758-0900 (mention convention). Guest room rate is \$115 per night plus tax and includes all you can eat breakfast. Parking is \$10 per day. Cutoff date for room reservations will be August 20th. Registration fee (not including banquet) is \$25 payable to Mike Sanburn P. O. Box 1256, Bellflower CA 90707-1256. For information contact [mikesanburn@hotmail.com](mailto:mikesanburn@hotmail.com). In late May Orange County CA had been given the green light to completely reopen, restaurants, stores, etc. provided proper distancing was utilized. Folks can send their registration fee via PayPal at [mikesanburn@hotmail.com](mailto:mikesanburn@hotmail.com) (please include name, contact info and note that it is for convention registration). However, with the recent problem in California, I would contact Mike directly if you haven't committed as yet.

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

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*Please e-mail your Musings, preferably as MS Word attachments, to jalinebk@gmail.com or mail to Jerry Alice Lineback, 4422 Sierra Del Sol, Paradise, CA 95969-8116. Please note that the new deadline for contributions to the September issue is August 19, 2020.*

No contributions this month either. I am so lonely! We are still safe. Please wear your mask when out, stay safe, and please, please, please save me from boredom by contributing to Musings. Some suggested subjects are listed below. Thanks.

1. DXpeditions past and present. This is a good time to DX solo at your favorite remote spot.
2. Describe your experience DXing with historic or new radios.
3. Antennas past or present, long or short, stealth or not.
4. Experiences while DXing including hearing historic events, effects of the Pandemic on domestic and international broadcasters.
5. General interest comments regarding the Journal, its contents, and/or NASWA.
6. Anything and everything else you can think of related to shortwave broadcasts, DXing, and the changes in what we hear due to political changes at the national or international level, that don't fit in other Journal columns.

73, Jerry Alice

## Listening Review

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

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Welcome to Listening Review for August 2020.

Some welcome news this month of new English programming available on shortwave from two countries.

Firstly, **Radio Algérienne** now has some English content for 10-15 minutes some days during the transmission from 1800-1900UT on 13820 kHz via Issoudun, although sadly

the transmitter used seems to have a fault, and the signal has an accompanying pulsing sound. It seems that the shortwave service of Radio Algérienne is now, for this hour, taking the feed of **Radio Algérie Internationale**, which is broadcast domestically on FM and online. However, the English content is very irregular and is not heard every day. The start time has also proved to be very variable with start times varying between approximately 1825 and

1840 UT. At time of writing, I've caught the program a couple of times. On each occasion there was a short feature about a famous



historical Algerian, followed by **Destination Algeria** – ie a short tourism feature. I hope to catch the English program further over the next few weeks, and if so, I'll review the programs in more detail. Never-the-less, and as irregular as it is, it is good to hear some English from Algeria, this being a new country for me as far as English language shortwave broadcasts go.

Secondly, I am very pleased to hear **R Belarus International** back on shortwave in English, with two hours of programming each day via Kall in Germany via the transmitter of the Shortwave Service. Hour 1 is heard from 1800-1900UT on 6005 kHz, whilst hour 2 is heard from 1930-2030 on 3985. I have not been able to find a program schedule for this service yet (there are program schedules on their website, for Satellite transmissions and for internet streaming, but these do not match up with what I have heard). In an email reply from the station they say that they are planning to launch a new website in a month or so, so the old website is unlikely to be updated

during this period at all. I hope to include a program schedule of some sort in next month's column. However, I can report that each hour always includes several music selections comprising frequently either Belarussian rock or traditional songs. Short features on tourism in Belarus are also heard frequently, and their listeners letters program **Letters to the Editor** is heard on Tuesdays at 1820 (on 6005 kHz). Various genres of Belarussian music including traditional music features in **Music for All** heard daily (I think – to be confirmed) at 2010 (on 3985 kHz). The program on 15 July featured a Belarussian guitarist.

As an aside, in the email reply from RBI mentioned above, it was remarked that some of their coworkers have contracted COVID-19 and were quarantined, but thankfully only with mild symptoms. If you tune-in, then I'm sure that they would appreciate an email of thanks and encouragement to help ensure that the service continues, to: [radio.belarus@tvr.by](mailto:radio.belarus@tvr.by), although postal replies and QSLs will be delayed until the Belarussian Postal Service resumes its operations (currently suspended due to the coronavirus pandemic). Of course, the



addition of these two hours in English from Radio Belarus affects the output of other transmissions on 3985 and 6005 via Kall, but (as at 15 July) the online schedules at

<http://www.shortwaveservice.com/index.php/de/aktuelles> have yet to be updated.

Until next time, stay safe and good DX & SWL  
– Alan

# International Broadcasting

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<http://www.kimandrewelliott.com>

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## Next, an editorial about VOA editorials

Many of us remember hearing Voice of America English broadcasts on our shortwave radios. We can still occasionally hear VOA English to Africa, but it's not like in past decades when it was unusual to turn the dial and not encounter VOA.

In addition to the newscasts and Newlines and Issues in the News and jazz, etc., we would often hear this phrase: "Next, an editorial reflecting the views of the United States Government." It's the "disclaimer" that separates policy advocacy content on VOA from the news and current affairs content.

News and editorials were always an uneasy relationship at VOA. VOA journalists typically resented working so hard, over the years, to establish VOA's credibility, only to have that credibility undone in a three-minute old-fashioned radio "talk" advocating for the foreign policy of whatever administration happened to be in office.

With the diminution of radio at VOA, the government editorials on VOA were heard on shortwave less often. To a large extent, they moved online, as did VOA news and current affairs content. And, for whatever reason, the editorials became more difficult to find at voanews.com. I remember when the link to editorials was at the bottom of the home page, down around the contact information and privacy notice. Then, in the past year or so, there was no link to the editorials to be found anywhere at voanews.com. If you

wanted to see a VOA editorial, you would have to do a Google search on VOA editorials.

The Policy Office, a conservative enclave at VOA, with some staff dating back to the Reagan Administration, was no doubt unhappy about this. So was kindred spirit Michael Pack, new CEO of the US Agency for Global Media, VOA's parent bureaucracy. He ordered the editorials restored to their "former prominence." I thought this might result in editorials appearing as big splashes on the VOA home page, but so far all I see is a link to Editorials at the top of the home page.

News and advocacy have their legitimate roles, but they do not mix well. For this reason, I wrote this opinion piece for The Hill, July 7 ([bit.ly/3hkuUPV](http://bit.ly/3hkuUPV)).

### **VOA: Voice of Ambiguity**

From 1985 to 2017, I was an audience research analyst at the Voice of America. During that time I was preoccupied by the fact that the BBC World Service had a larger audience than VOA. VOA had a larger budget, so money was not the issue. ([nyti.ms/2NBqAPp](http://nyti.ms/2NBqAPp))

In audience surveys, I inserted a question asking those who listened to BBC more often than VOA: why. The answer provided most often was trustworthiness of the news.

I asked a listener from Burma (now known as Myanmar) why he thought BBC is considered

more trustworthy than VOA. He replied that VOA is more closely connected to the U.S. government than BBC is to the U.K. government. I asked how he knows this. He responded: Because VOA says so every day.

He was referring to the “disclaimer” at the beginning of the editorials that, by the 1980s, were heard daily on VOA’s English broadcasts: “Next, an editorial reflecting the views of the United States Government.”

The daily editorial was a requirement handed down by VOA’s parent U.S. Information Agency. The editorials are drafted by the VOA’s policy staff, sent to the State Department for approval, and finally broadcast after a sometimes lengthy back and forth.

Michael Pack, the new CEO of the U.S. Agency for Global Media, VOA’s present parent agency, is restoring the editorials to their previous prominence on VOA ([bit.ly/20xpGUn](http://bit.ly/20xpGUn)). In recent years, with diminished radio output, editorials were relegated to VOA’s little-viewed satellite television service, and to a website separate from the main [voanews.com](http://voanews.com). The reascendancy of the editorials is a step in the repoliticization of VOA ([bit.ly/2ZCEOS4](http://bit.ly/2ZCEOS4)).

VOA is required to broadcast editorials. On BBC World Service, government editorials are not broadcast. This stark difference cannot possibly go unnoticed by audiences. This is important because audiences seek international broadcasts to provide a credible antidote to the biased news coverage of their state-controlled domestic media ([bit.ly/3jctsRm](http://bit.ly/3jctsRm)). Credibility is the be-all and end-all of international broadcasting.

The editorial requirement is based on the part of the VOA Charter that states “VOA will present the policies of the United States clearly and effectively, and will also present

responsible discussions and opinion on these policies.” Actually, the policies of the United States would be most effectively presented by way of news, which is what audiences are seeking, rather than government propaganda, which is what audiences are trying to escape. VOA News covers U.S. foreign policy extensively.

A video accompanying the USAGM’s announcement of the editorials’ reascendancy notes that the New York Times, Washington Post, Sydney Morning Herald, etc., publish editorials, so why not VOA? The answer is that those newspapers are not funded by governments. VOA’s government funding is necessary because there is little commercial potential for broadcasting in languages such as Kinyarwanda, Uyghur, and Creole. But government-funded news media, for the sake of their credibility, must fastidiously demonstrate their independence from government control. The requirement of government editorials cannot be helpful.

The uneasy combination news and editorials might have been justified in the Cold War era, when limited shortwave facilities were the only means to transmit information throughout the world. Now, in the internet age, it would not be unduly expensive for the editorials to have their own global online distribution, separate from VOA’s news operation.

In fact, the editorials now distributed by VOA could join the State Department’s [share.america.gov](http://share.america.gov), already active in eleven languages. This could be ramped up to the 61 languages of VOA and its USAGM partners (Radio Free Europe/Radio Liberty, Radio Free Asia, etc.). Languages such as German, Japanese, Italian and Hindi, not broadcast by VOA, could be added. This enhanced public diplomacy effort can compete in cyberspace with the same marketing tools used by VOA.

With this reform, both the U.S. government's news and policy advocacy efforts would be on firmer footing. Each would have its own, unambiguous presence. VOA would no longer be the duckbill platypus of international media. And audiences would no longer have

any doubts about whether they are consuming independent news or "the views of the United States Government."

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

# Shortwave Center

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## SHORTWAVE STATION PROFILES

### VATICAN RADIO'S ENGLISH AFRICA Program 1950 - 2020

#### **Vatican Radio's English language broadcasts to Africa began in 1950.**

By Festus Tarawalie – Vatican City

Vaticannews.va

It is now 89 years since Vatican Radio was inaugurated. The first Radio Message was in Latin by Pope Pius XI on 12 February 1931.

The English Program was launched six years later in 1937 and English language broadcasts to Africa began in 1950. However, it was not until 1979 that the English Africa Service as we know it today, was created out of the English Program to respond to the changing trends on the continent.

#### **An evening bulletin on shortwave**

The English Africa Service began as a shortwave evening broadcast to listeners in the English-speaking countries of Africa, airing mainly news of the Holy See and the Church in western countries. Also included in its programming at that initial stage were lessons of Catechism, the lives of the saints and African proverbs. The programs were broadcast on shortwave through a giant

rotating transmitter at the Santa Maria di Galeria transmission center in the north-western outskirts of Rome. The FM broadcasts to the diaspora in Italy were instead relayed through an antenna located on top of the Vatican Radio Museum inside Vatican City.

#### **Cassette tapes for Africa**

According to Sean Lovett, former head of the English language program and member of the committee that set up the English Africa Service, the initial program was the same as the one for Europe, North America and Oceania but with just a few changes to suit the listeners in Africa. There were also pre-recorded programs sent directly to the faithful on the continent known as (Cassette) Tapes for Africa.

#### **An English Service for Africa with a new vision**

Lovett says they gave serious consideration to the following before setting up the service.

"One, understanding what the real issues were that concerned the people in Africa. So,

identifying questions like healthcare, justice, peace; the issues that were of concern to people who were listening in Africa. The second challenge was to overturn that colonialist, European vision of Africa as a continent where only bad things happen and try to create a new vision of Africa, a positive vision of Africa as a place that can serve as an example to the rest of the world in so many things," explained Lovett.

### **KiSwahili Gospel readings on the English Africa Service (1993)**

In 1993, the English Africa Service started daily broadcasts of the day's Gospel readings in KiSwahili (Swahili), a Bantu language and lingua franca in eastern Africa. A year later, it became an established language program of Vatican Radio under the English Africa Service. KiSwahili is widely spoken in Tanzania and Kenya and some regions of Uganda, Burundi, Rwanda, the Democratic Republic of Congo and Mozambique. An estimated 120 million people, if not more, speak or understand KiSwahili.

### **Short-lived Hausa Service**

Another important milestone in the history of the English Africa Service - though short-lived - was the creation in 2002 of daily broadcasts in Hausa, a Chadic language spoken by approximately between 100 – 150 million people. Historically, it is considered a lingua franca across much of Western Africa. The 15-minute program was centered on Christian formation and was transmitted at 9 am Rome time, immediately after the traditional English Africa Service program. The program in Hausa was a joint production by Vatican Radio staff in collaboration with the then Centre of Social Communications of Kaduna, in Nigeria.

### **First African Synod and a new format**

The current half-hour daily broadcast of English Africa took its format in 1995, a year after the first African Synod. The format covers a wide range of themes recommended in the apostolic exhortation, *Ecclesia in Africa* (The Church in Africa) of Pope St. John Paul II in 1995. Further elements were introduced after the publication of *Africae Munus* (The Commitment of Africa) by Pope emeritus Benedict XVI after the 2009 Second African Synod.

So, apart from news about the Holy Father, activities of the Holy See and the Church in the world, the English Africa daily program has features and segments dedicated to the life of the Church in Africa, issues of justice, peace, reconciliation, development, culture and the role of young people in the Church and society, all tailored to respond to the challenges facing the continent. Added to these is a daily round-up of news on the socio-political happenings in Africa that we call, Africa News Panorama.

### **Dawn of digital era**

In 2017, our daily broadcast for listeners in Rome was moved from the FM platform to Digital Radio DAB+. Moreover, our shortwave broadcasts to Africa are now relayed from a transmission station in Madagascar.

### **Website articles on contemporary African Church news**

The changing pattern in the broadcast media and the impact social media is having on the way we communicate has warranted a shift to some form of convergence journalism. So, apart from our traditional channels, we now publish website articles on some of the contemporary Church stories making news on the continent. This amplifies the voices and views of the Church in Africa. It has been an important development because it seals the communication process as two-way from

the universal Church and the other way around.

### **The daily podcast**

Our daily program can be downloaded and listened to at any time of the day from the podcast section of our portal [www.vaticannews.va](http://www.vaticannews.va). We also have a presence on Facebook through the English program's fb page.

English Africa Service re-transmitted on Catholic FM Radios

Meanwhile, on the continent of Africa, about 40 Catholic radio stations, in addition to radio stations of the Radio Maria Network, retransmit our daily program in English. This ensures that we reach millions who do not have shortwave radio sets or places where the shortwave signal is weak.

Most of the Catholic radio stations that retransmit our programs are owned by various African Catholic dioceses, parishes, religious congregations and some by the Radio Maria network. A request to send the program through WhatsApp is being considered.

### **Staff**

The nucleus staff of the English Africa Service comprises four persons originally from Sierra Leone, Uganda and Zambia, along with two colleagues from Tanzania for the KiSwahili language program.. However, we have several collaborators, correspondents, friends and stringers, and Bishops' Conference personnel who constantly update us with news and information on the African continent. Then there are the students of Rome's Pontifical Universities - priests, nuns, seminarians, lay-persons who regularly work with us.

On a yearly basis, we receive on average between three to four or more students who come for a period of Internship with either the English Africa Service or our KiSwahili programme.

### **Growing our network in Africa**

As we look to the future, the greatest challenge for the Africa Service, in general, is how to create a network of those radio stations and dioceses in Africa for feedback and further exchange of news on the activities of the Church. We always welcome feedback, suggestions and proposals at these emails: [inglese.africa@spc](mailto:inglese.africa@spc) or [paul.samasumo@spc.va](mailto:paul.samasumo@spc.va)

## **Why WWV and WWVH Still Matter**

### **Fans of NIST signals cite benefits including understanding the near-Earth environment**

BY JAMES CARELESS

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RADIO WORLD

Last year was one of both celebration and uncertainty for WWV, the station adjacent to

Fort Collins, Colo., that transmits automated time broadcasts on the shortwave bands.

On the plus side, it marked the 100th year of WWV's call letters, making the site, operated by the National Institute of Standards and Technology, one of the world's oldest continually operating radio stations.

On the negative side, WWV and its sister time station WWVH in Hawaii nearly missed this centennial. That's because NIST's original 2019 budget called for shutting down the



*The WWVH building seen at night*

pair, along with WWVB, the longwave code station co-located next to WWV, as a cost-saving move.

Fortunately, these cuts never happened, and WWV, WWVH and WWVB seem likely to keep broadcasting the most accurate time from NIST's atomic clocks, at least for the immediate future. (No further cuts have been threatened.)

That's good news for the stations' many supporters, who say that time broadcasts still matter in the Internet Age.

### **What They Have to Offer**

Today, listeners around the world can get the most accurate time possible via WWV and WWVH's broadcasts on the shortwave bands.

To make this happen, "WWV broadcasts continuously on six shortwave frequencies: 2.5, 5, 10, 15, 20 and 25 MHz," said Glenn Nelson, an electronics technician at WWV and WWVB. "WWV has 11 operational HF transmitters (including standby equipment), eight transmitting antenna towers, and associated time and frequency distribution equipment."

Located on the southwest portion of Kauai, WWVH "broadcasts 5 kW on 2.5 MHz and 10 kW on 5.0, 10.0 and 15.0 MHz," said WWVH Station Engineer Dean Okayama. "The time/frequency systems and transmitters are similar to WWV."

Both stations are known for the automated voices that tell the current time; WWV uses a male voice, while WWVH uses a female one, both timed to speak one after the other

whenever both stations are heard on their shared channels.

This NIST service also broadcasts standard time intervals, standard frequencies and other information including solar conditions affecting radio propagation. Both stations report the time using the Coordinated Universal Time zone, a.k.a. Greenwich Mean Time, which is five hours head of Eastern Standard Time.



*Timecode generators at WWV*

In the early days of radio, WWV/WWVH's standard frequencies were used by commercial broadcasters to calibrate their transmitters to their assigned frequencies.

"In the 1930s, WWV began broadcast standard time interval pulses," said Nelson. "In the 1940s, the U.S. Navy granted WWV permission to broadcast time of day announcements (this had been the exclusive responsibility of the Naval Observatory up until then). Voice announcements of time were added in the 1950s and a digital time code was added in 1960. In the '70s, the WWV audio signal was made available by telephone at (303) 499-7111, and this service has continued to the present day."

### **Why They Still Matter**

The possible closing of WWV, WWVH and WWVB did not pass unnoticed. Tens of thousands of supporters signed petitions opposing the move, for a variety of reasons.

Even today, WWV and WWVH's standard time broadcasts and frequencies are a great help for engineers calibrating equipment.

While time-of-day information can nowadays be obtained through the internet, the combination of circuits involved in internet distribution can result in delays," said Dr. Kim Andrew Elliott, retired Voice of America broadcaster and audience research analyst, and now producer of the experimental broadcast Shortwave Radiogram.

"These delays usually involve fractions of seconds, but that is enough to be significant in certain endeavors such as high-speed trading. For a lack of delay, nothing beats terrestrial radio. It is held back only by that pesky speed of light."

WWV/WWVH's audio tones are also precise and thus useful.

"On WWV, the 440 Hz tone (the musical note A above middle C) is broadcast once each hour, during Minute 2 on WWV, and Minute 1 on WWVH," Elliott said. "You can tune your violin using WWV."

On a more scientific note, these reliable signals play an important role in forecasting "space weather," which can have a serious impact on the world economy whenever it gets "stormy."

"As WWV's signals move from their transmitter site in Fort Collins to shortwave receivers, they pass through the ionosphere and undergo slight delay and frequency changes," said Dr. Philip Erickson of the MIT Haystack Observatory's Atmospheric and Geospace Sciences Group.

“These changes, if measured carefully, contain much information on waves, density changes and other phenomena that form space weather known to affect national telecommunications, long-distance power grids, and human spaceflight.”

“This allows the formation of a distributed space weather network in the backyards of thousands of amateur radio enthusiasts across the continental U.S.”

Such a concept is being realized now by the Ham Radio Science Citizen Initiative



*Part of the 15MHz antenna system at WWV*

Initially, these changes could only be detected using professional-grade receivers. But times have changed.

“Atomic clock signal accuracy at the Colorado and Hawaii transmission sites means that modest receivers using inexpensive, modern technology can use these time signals as beacons to sense ionospherically induced changes,” Erickson said.

(HamSCI; [www.hamsci.org](http://www.hamsci.org)), which is developing a personal space weather station for use by citizen scientists.

### **They Would Be Missed**

These benefits would come to an end should NIST’s time stations ever go dark.

“The ideas I’ve outlined, plus other similar concepts, naturally extend WWV’s 100-year historic mission into the 21st century, and

form an important part of national infrastructure in both the professional and emerging citizen science field," said Erickson.



*WWV 10MHz transmitter and standby*

"It is vital that these signals continue to operate for the benefit of advancing human understanding of our near-Earth space environment."

It's not just WWV and WWVH that would be missed: "The general public will take notice if NIST station WWVB shuts down as its 60 kHz signal controls self-setting clocks known as 'atomic' clocks," said Thomas Witherspoon, editor of the shortwave radio website the SWLing Post.

## **SHORTWAVE HISTORY**

### **Ye Olde Hurdy-Gurdy Museum of Vintage Radio in Howth, near Dublin**

© BRITISH DX CLUB

"Many don't realize it, but a large portion of wall clocks, alarm clocks and watches, not to mention weather stations, cameras and potentially a number of other devices, have a built-in receiver that self-calibrates," he said.

"NIST notes that there are more than 50 million radio-controlled clocks in operation and another few million wristwatches that rely on WWVB for self-calibration.

"The thing is, these devices are so embedded in our lives here in North America we scarcely notice them, and many consumers likely assume they're set by the internet. They're not."

### **A Defense Against Fake News?**

WWV and its sister stations could also have relevance now for another reason.

"The internet has become infamous as a purveyor of false information and counterfeit sites," said Kim Andrew Elliott. "This is true even during emergencies, including the coronavirus outbreak.

"WWV and WWVH can be useful transmitters of emergency information: They are much more difficult to spoof than a website," he told RW. "If a fake station tries to transmit on WWV/WWVH frequencies, co-channel with WWV and WWVH, the listener will hear immediately that something is not right. If the fake station comes from overseas, it will usually sound distant, compared to the signal we are used to hearing in North America."

During the European DX Council (EDXC) conference held in Dublin at the end of August 2009, conference delegates were taken by coach to the coastal village of

Howth, where Ye Olde Hurdy -Gurdy Vintage Radio Museum is housed on two floors of an old Martello Tower overlooking the harbour. The coach dropped our party outside the Abbey Tavern in Abbey Street - almost opposite the pub, a steep pathway rises up to the tower housing the museum on Tower Hill.



*Museum curator, Pat Herbert, whose collection is displayed at Ye Old Hurdy-Gurdy Museum*

The museum opened in 2003 following the restoration of the 200-year-old tower, which was one of many constructed around the English and Irish coasts as a defence against possible invasion by Napoleon's forces. Pat Herbert was looking for somewhere to house his collection of vintage radios, gramophones, TVs, telephones and related ephemera he had built up over forty years of collecting, and was offered the tower to house part of the collection by Fingal County Council.

The tower already had an interesting radio-related history before being taken over by the museum. In 1852, one of the first submarine telegraph cables connecting Ireland to Britain was laid between Howth and Holyhead, coming ashore on the beach below the Martello Tower which became an important telecommunications centre as a result. In 1903, American radio-pioneer, Lee de Forest demonstrated his wireless

telegraphy system at the tower to British Post Office engineers. Communication with another de Forest station at Holyhead was successfully established. But despite de Forest having a more efficient wireless system, the Post Office contract went to the rival Marconi company. In 1905 further British Post Office experiments were made with a Marconi station in the Howth tower receiving signals from the HM Telegraph ship Monarch sailing in the Irish Sea between Scotland, Howth and Holyhead.

The museum gets its name from a comment by former Taoiseach (Prime Minister) Seán Lemass who referred to Radio Eireann as "the old hurdy-gurdy" when visiting their studios in Dublin. Today, each visitor to the museum is given a personal tour by Pat (or Tony Breathnach EI5EM who runs an amateur radio station, EIOMAR, from the tower most Sundays mainly using Morse).

The entrance into the museum is up some steps into the first floor of the tower. Ducking through the door is like entering an

R E C E I V E R S

**The Marconiphone**  
Type 41—FOUR-VALVE MODEL

**T**HIS new four-valve model incorporates the features of the types 21 and 31 models, with the introduction of a high-frequency valve to provide extra range and selectivity, whilst retaining simplicity of operation.

A new type of rejecter is also incorporated in this model, which operates on wave-lengths up to 1,800 metres.

Very special attention has been paid to the cabinet finish of this instrument. The high tension battery is enclosed in the cabinet.

A single switch is provided for breaking the High and Low Tension circuits when the instrument is not in use, and for allowing either three or four valves to be employed at will.

SPECIFICATION	
Model	41
Instrument type	41
Grids	4
Valves	4
Power	100 W
Frequency range	500 to 1,800 m
Wave-length range	160 to 1,800 m
Bandwidth	100 to 1,800 m
High Tension	200 V
Low Tension	100 V
Power supply	200 V
Weight	100 lbs
Dimensions	10" x 10" x 10"

*For extra Cables—See page 22.*

Aladdin's cave of colour, sounds and light – in contrast to the grey exterior of the tower. The limited space in the round room is crowded with radios, gramophones, TVs, display cases etc, and the walls covered with posters and advertising signs. Pat greets us as we enter and plays an early recording commemorating Marconi's transatlantic transmission. The collection covers all ages of radio from early crystal sets through bakelite classics to sixties transistors and novelty radios. We could not really do it justice in the time available!

Pat is particularly proud of a Marconiphone Type 41 Four- Valve set (see behind Pat in photo above) which cost £37- 19s-00d including a Marconi Royalty fee of £2-10s - 12s 6d per valve holder - according to the 1925 catalogue (right). The new long wave station 5XX Daventry on 1600 metres had launched in July 1925 and Ireland's first station in Dublin, 2RN opened in 1926.

On display in a glass case was a pair of rare 1927 Andia speakers, disguised in the form of earthenware parrot ornaments so as not to be as intrusive in the late-1920s sitting-room!



The sign outside the museum pictures a 1945 Ekco A22 – Pat said he had five of the famous bakelite “round Ekcos” in total. These sets were produced in various models between 1934 and 1945 at E. K. Coles' Southend factory, and are now highly collectable design icons. Also, very collectable was a black and chrome Ekco AC 74 dating from 1933.

Other classics included a late 1920s Pye Model 275 with its distinctive rising sun

speaker grille and a Pilot Radio (1936 U650?) whose round aeroplane style dial was filled with station names. On mediumwave R. Normandie and Tour Eiffel caught my eye whereas the shortwave band had some stations I had not heard of etched on it e.g. on 49 metres Skamlebak (Denmark) and Bowmanville (Canada) and on 41 metres Drummondville (also Canada I think).

The collection includes a Heathkit Apache transmitter used by the Irish Army UN peace-keeping force in the Congo in 1960. An Irish radio amateur, Terry Tierney, who was



working as an engineer across the border in Ginga, Uganda had heard a CQ call with an Irish accent on 7 MHz coming from the Irish Army base in Goma, Congo. He learnt the Army could not operate above 10 MHz with the equipment they had, so contact with their HQ in Dublin was almost impossible. So, he built and transported the 28 MHz transmitter the 500 km to the Uganda-Congo border where he handed it over to the UN Irish Army, and received Irish biscuits, tea and some petrol to get him back to Ginga. Full story at: <http://ei5em.110mb.com/niemba.html>

Downstairs in the basement of the tower was a further room of radio and local history exhibits but after a brief viewing we left to make room for others to enter the museum and after signing Pat's guest book and leaving a donation for the museum, made our way down to the Abbey Tavern and coach, vowing to return to the museum if in the Dublin area again.



Above: 1805 Martello tower at Howth, home of Ye Olde Hurdy-Gurdy Vintage Radio Museum with (left to right) Jonathan Murphy (Cork), Toshi Ohtake (Japan), Alan Pennington and Mike & Christine Terry (UK)

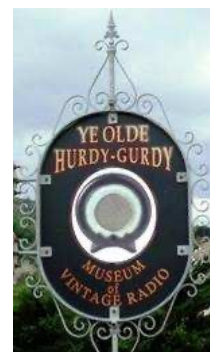
The museum has a website, <http://ei5em.110mb.com/museum.html> where you can view a slide show of the museum and also download a booklet about the museum and its history.

The museum is open daily May to October and on Saturday & Sunday only November to April from 11am to 4pm. Admission: €5. Howth can be reached by DART trains from Dublin City centre.

[Ed. Note: On a trip to Ireland in 2004 to visit our son who was studying abroad at Dublin City University, I had the rare opportunity to visit the Ye Olde Hurdy Gurdy Museum of Vintage Radio and what a place it was (is). It's longtime curator, Pat Herbert who I was fortunate to meet while there, passed away recently. Here's wishing Mr. Herbert good DX in the

afterlife and hoping that his fine museum

and collection will remain open to visitors for years to come. The article came from an EDXC visit in 2008.]



## Listener's Notebook

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Times are in UTC and frequencies in kHz.

**ALASKA** 9580, KNLS, Anchor Point, AK. Russian commentary to EAs at 1140, fair signal, 30/5. (Wagner-Australia) 1029 24/5.

Poor, occasionally readable, always recognisable. (Emanuel-Australia/Australian Radio DX Club)

**ANTARCTICA** 15476U, Jul 11, \*1346-, LRA 36, \*1346-1940. Radio Nacional Arcángel San Gabriel, Base Esperanza, open with songs, comments and more songs. Extremely weak, barely audible and strong fading, at times inaudible, but improving signal at about 1710, ID by male at 1732 "Corazón Antártico, desde Base Esperanza, Antártida Argentina" and more songs in Spanish, accordion music. At about 1940 signal weakened and became inaudible. (Méndez-Spain/Shortwave Bulletin)

**ARMENIA** TWR India in English via CJSC Yerevan on June 19  
1420-1424 on 11590 Mon-Fri & 1415-1445 Sat/Sun (DX Mix-Bulgaria)

Changes of Iran International TV Yerevan:  
1400-0200 on 6270 Persian, ex 1400-0400  
0200-1200 on 11570\* Persian, ex 0400-1200  
1200-1400 on 11550 Persian unchanged, ex11560 (DX Mix-Bulgaria)

New schedule of Iran International TV from June 30  
0200-1200 NF 11550 ERV Persian, ex 11570  
1200-1400 on 11550 ERV Persian no change  
1400-0200 on 6270 ERV Persian no change (DX Mix-Bulgaria)

6270, R. Iran International via Yerevan, Armenia. May 19 at 1401(S/on)-1430 in Farsi. SI0252. S/on with music & talk. ID at 1425. (Nagatani-Japan/Japan Shortwave Club)

11550, R. Iran International via Yerevan, Armenia. May 21 at 1255-1335 in Farsi. SI0252. News report. ID at 1324. New frequency replacing 11560kHz from May 20. (Nagatani-Japan/Japan Shortwave Club)

11590, Trans World Radio-India via Yerevan, Armenia. May 29 at 1412-1424(S/off). SI0343. Hindi program till 1420, then ID in English followed by "Making your life count"

& "Reaching your world". (Nagatani-Japan/Japan Shortwave Club)

**ASCENSION ISLANDS** 12095, BBC English, comment on Corona virus managed in France by President Macron, 2035 on June 27, S=9+20dB or -53dBm signal strength. (wb df5sx, wwdxc BC-DX TopNews June 27)

**AUSTRALIA** ABC Friends have written an open letter to the Prime Minister in the wake of the recent staff and funding cuts: Dear Mr Morrison, I write on behalf of many angry Australians who want to know why your government continues to undermine Australian public broadcasting with ongoing funding cutbacks at the same time as the commercial media sector is favoured. Over the past six years the ABC has been the target of funding cuts, various inquiries, political attack and even a police raid. You cannot be surprised that Australians are outraged about the latest announcement this week which will culminate in further job losses, valued services and Australian content. You regularly advocate protection of jobs and your COVID-19 employment protection initiatives are admirable. Yet successive Coalition administrations have caused the loss of 1250 ABC professional staff. Can you explain to us why you are so determined to downgrade the ABC, which is a valued national treasure supported by over 80% of Australians? We understand that you are regularly lobbied by the Murdoch American News Empire and other commercial media interests, which are ideologically opposed to public broadcasting. Furthermore, we know that some members of your cabinet are members of the Institute of Public Affairs, which advocates privatisation of the ABC. However, ABC Friends would respectfully remind you that, as Prime Minister, your first loyalty is to the Australian people and our public institutions. We urge you to reconsider your government's responsibilities to the ABC by conducting immediate meaningful

negotiations with the Ms Buttrose and Mr Anderson to plan a way forward to restore ABC funding. This discussion should include a commitment in the October Budget to recognise ABC staff and services as essential in post COVID-19 planning. We look forward to a fresh approach to public broadcasting policy and can assure you such commitment will be very much welcomed by the Australian public. Yours sincerely, Margaret Reynolds, National President, ABC Friends. (TopNews)

Reception of Reach Beyond Australia on June 22:  
1430-1500 on 11825 KNX English, weak to fair (DX Mix-Bulgaria)

Frequency change of Reach Beyond Australia:  
1130-1200 on 12010 KNX various languages, ex 17850 as follows  
1130-1145 Dzongkha Daily; 1145-1200 Nepali Mon/Fri; Tsangla Tue-Thu; Dzongkha Sat/Sun. (DX Mix-Bulgaria)

3210U, Unique Radio, Gunnedah. S/on anncts. 0658, 14/6. (Ireland-Australia) Radio Emma Toc pxing to 0800, then to local ID, URL, freq. etc., good on 13/6. (Seager-Australia/Australian Radio DX Club)

5055, 4KZ, Innisfail. 70's style pop mx 0712, 14/6 (Ireland-Australia) English popular MX reasonable signal understandable 0842 22/6. (Johns-Australia/Australian Radio DX Club)

**AUSTRIA** Good signal of Welle 370 via MBR Moosbrunn, July 5:  
0800-0900 on 6140 German 1st Sun (DX Mix-Bulgaria)

Good signal of Radio Joystick via MBR Moosbrunn July 5:  
1000-1100 on 7330 MOS German 1st Sun Charlie Prince Show (DX Mix-Bulgaria)

Radio Joystick, The Charlie-Prince Show is broadcast on the first Sunday of every month at 1000-1100 on 7330 via Moosbrunn. "Since 2013 we broadcast via Media Broadcast. The transmitters are located in the small town of Moosbrunn near Vienna, broadcasting our shows on every first Sunday of each month at 12:00 h German time [1000 utc] with 100 kW at 7330 kHz on shortwave to Western Europe!". (via Manuel Méndez-Spain) Was heard on 7 June and will be on air next on 5 July, 2 August, 6 September etc. (British DX Club)

**BANGLADESH** 4750, Bangladesh Betar - Home Service, from 1241-1341, on July 16. Ramadan has been over for quite a while now, but BB has not returned to their External Service, but instead has continued with their Home Service; in Bangla, with the usual subcontinent music/singing; 1300-1306, news. My local sunrise was at 1302, while the Dhaka sunset was at 1247, making for nice greyline reception. Today heard with a most unusual reception - CNR1 clearly off the air; normally China dominates 4750, with BB having to struggle to be heard underneath, but today only BB heard; also no VOI heard here. A rare situation! (Ron Howard-CA)

**BOLIVIA** 5935, R. YURA. On July 7 at 0030-0054. Woman talks and music. 24232. (Claudio Galaz-Chile, hcdx July 7) Radio Yura - La Voz de los Ayllus - is back on the air transmitting from the village Yura located between Potosi and Uyuni in Bolivia. The frequency is 5935.0. Monitored from s/on at 2240 on July 6<sup>th</sup> 2020 via remote SDR receives in Brazil. Very weak here at my QTH in Randers, Denmark, Europe. The widely reported slogan of the station Yutan Ayllu Yura is wrong. The correct spelling is: 'Radio Jatun Ayllu Yura'. (Stig Hartvig Nielsen-Denmark, hcdx/TopNews) 5935, Radio Yura - La Voz de los Ayllus - is back on the air transmitting from the village Yura located between Potosi and Uyuni in Bolivia. The

frequency is 5935.0. Monitored from s/on at 2240 on July 6th via remote SDR receivers in Brazil. Very weak here at my QTH in Randers, Denmark. The widely reported slogan of the station Yutan Ayllu Yura is wrong. The correct spelling is: Radio Jatun Ayllu Yura. (Stig Hartvig Nielsen-Denmark via hcdx July 6/TopNews)

**BRAZIL** Rádio Nacional da Amazônia is back with 100 kW on both 6180 and 11780 between 1100-0300. (WRTH Update/British DX Club)

Rádio Rio Mar, Manaus has reactivated 6160 kHz, but only between 0900v-1400v. (WRTH) Radio Rio Mar heard on 6160.1 at 0950-1052 on 2 June via Kiwi SDR receiver in Brasilia. Weak but audio matched Radio Rio Mar's webfeed. At 1015 Radio Boa Vontade signed on 6160.03 and eclipsed Radio Rio Mar, but via SDR Kiwi remote receiver in Vilhena, western Brazil, Radio Rio Mar was stronger than Boa Vontade, heard with local news, mentioning "Manaus". (Manuel Méndez-Spain 2 June) Had been inactive since 2015. (British DX Club)

Rádio Congonhas, from Congonhas, Minas Gerais, is on 4775, from 0800-0400. What is interesting is that the station migrated from mediumwave to FM and kept its SW frequency. Many listeners who live in distant places of Congonhas, where the FM transmission does not reach, asked the station to preserve the 4775 frequency. (Célio Romais/British DX Club)

6080, Jun 18, 2122, Radio Marumby, Curitiba PR. Rlgs. propag., wx rpt. Inaudible on // 9515. 33431. (Carlos Gonçalves-Portugal/Shortwave Bulletin)

6135.1, R. Aparecida, Brazil. Jun.11 at 0950-1005 in Portuguese. SI0252. Talk & local pops. ID & jingle at 1000. (Nagatani-Japan/Japan Shortwave Club)

11780.010, R Nacional da Amazonia, Brasilia, fair S=5-6 -84dBm, signal noted at 2001 on June 27. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews June 27)

**BULGARIA** IRRS Radio Warra Wangeelaati via Sofia, June 27:  
1500-1530 on 15515 Afar Oromo Sat, good signal (DX Mix-Bulgaria)

New transmissions of NEXUS IBA IRRS Shortwave via SPL Sofia:  
0330-0430 on 7355 Kashmiri Sun only COVID-19 program\*  
1630-1730 on 11990 Oromo Mon/Wed/Sat COVID-19 program#

\* unknown broadcaster; # unknown broadcaster, previous was Radio OMN 16-17 on 11990 Wednesday June 24 good signal at 1715 on 11990. More details at Saturday June 27! All correct reception reports will be confirm with COVID-19 e-QSL card. Please sent your reports to: [reports@nexus.org](mailto:reports@nexus.org) Stay tuned & stay safe! NEXUS IBA IRRS Shortwave. (DX Mix-Bulgaria)

IRRS relay Radio Uddataki (or similar) via unknown tx, June 29:  
1630-1730 on 11990 Afan Oromo Mon/Wed/Sat - good signal. Some English words sounds like a "Oromia National Unit". Probably via SPL Sofia! (DX Mix-Bulgaria)

IRRS new broadcasts to East Africa and Kashmir. Although languages used in these broadcasts may be somehow unusual to most of our listeners, we are very interested in receiving reception reports for these additional broadcasts, especially from listeners in the target areas: i.) 11990 (250 kW) from 1630-1730 on Mon, Wed & Sat to East Africa in Oromo ii.) 7355 (150 kW) from 0330-0430 on Sunday to Kashmir in Kashmiri (\*\*) (\*) Not available on our regular streaming channels (\*\*) Available also on IRN at <https://nexus.org/mp3> We will be happy to confirm all correct reception

reports with our Covid-19 e-QSL card. Please send them to [reports@nexus.org](mailto:reports@nexus.org). Stay tuned & stay safe! (Ron IRRS via Patrick Travers-UK) The new Oromo broadcast was confirmed here at 1720 tune-in on Saturday 27 June with a fair signal on 11990, probably via Bulgaria. The closing announcement mentioned Kenya, the ID sounded like "Radio Udatati" (Dave Kenny-UK/British DX Club)

Additional World's Last Chance Radio via SPL Sofia from July 1:  
0700-1000 on 11600 Arabic, very good signal (DX Mix-Bulgaria)

5900, R. Dardasha (Bible Voice), Kostinbrod. S/on 0300 in Arabic to ME. Fair signal, 16/6. (Wagner-Australia/Australian Radio DX Club)

7355, on June 28 at 0330, "Radio Free Kashmir" via SPC-NURTS Sofia Kostinbrod Bulgaria relay site, ID, Holy Qur'an, Berichte ueber Kashmir, Mx. 0=3. Das "Free" (muesste Azad oder Azadi sein) habe ich in der ID jetzt nicht entdeckt, aber der Betreiber gibt diese Version als englischen Namen an. (Patrick Robic-Austria via A-DX newsgroup via Swedish SWB #1953, June 28/TopNews)

From Ron Norton Milano Italy, at IRRS-NEXUS-IBA: "I have a short update on our schedule to East Africa and Kashmir. Although languages used in these broadcasts may be somehow unusual to most of our listeners, we are very interested in receiving reception reports for these additional broadcasts, especially from listeners in the target

areas: {probably via SOF-NURTS Sofia Kostinbrod Bulgaria relay site, wb.} 11990 (250 kW) from 1630-1730 on Mon, Wed & Sat to East Africa in Oromo language (\*). 7355, (150 kW) from 0330-0430 on Sunday to Kashmir in Kashmiri (\*\*). (\*) Not available on our regular streaming channels. (\*\*) Available also on IRN at <<https://nexus.org/mp3>> We will be happy

to confirm all correct reception reports with our COVID-19 e-QSL card. Please send your reports to [reports@nexus.org](mailto:reports@nexus.org). Stay tuned & stay safe! 73s, de Ron" (Patrick Travers-UK, via RUSdx #1087 via wwdxc BC-DX TopNews June 24/28 & Australian Radio DX Club)

The Facebook page for Oromia National Media-Arraata Biyyoolessa Oromiyaa (ONM-ABO) recently mentions 11990 so could be the organisation behind the new Oromo language broadcast on 11990 via IRRS?: ONM-ABO - 11990 Shortwave in the 25 meter band. (Oromia National Media-Arraata Biyyoolessa Oromiyaa Facebook page 23 June) Their Facebook page also links to a YouTube promotional film which includes 11990: "Oromia National Media-Arraata Biyyoolessa Oromiyaa (ONM-ABO) is Coming soon! (Alan Pennington-UK, June 30)

**CHINA** SW transmitters at the Urumqi broadcast centre in NW China were off the air for maintenance from 5-19 June, according to an email from CRI. (Paul Gager via WB 1 June) Wolfgang Bueschel reports that from 20 June until 4 July a number of CRI's frequencies from the powerful Kashi (Kashgar) site in the far west of China are off the air, presumably for summer maintenance. (WB 22 June/British DX Club)

Yunnan Province Radio and TV Administration announced on July 1 that they will change the program names of Yunnan People's Radio TV Broadcasting Stations, approved by the National Radio and TV Administration on June 11. As for Radio: "Voice of Shangri-La" (6035, FM99.0 MHz.) will be renamed to "Yunnan Radio International". This has been rumored since the beginning of 2019, but the new name has not been used yet in the actual broadcasting on 6035 and FM99.0 MHz. "Yunnan Children's Radio" (FM101.7 MHz) will be renamed to "Yunnan Travel Radio". (Takahito

Akabayashi-Japan via wwdxc BC-DX TopNews July 6)

CNR2 Xiangyang is now on 11600 (ex 11835) and 11970 (ex 11845). (WRTH update June/British DX Club)

CNR Qiqihar DRM schedule now as follows: 0100-1000 on 11995, 1000-1200 on 9870. (WRTH update June/British DX Club)

6255, CNR1, at 1138, on July 6. Very strong signal; still unknown as to why they are here? Sound of Hope (Taiwan) was clear of any jamming on 6215 // 6230 // 6280. (Ron Howard-CA)

9630, CNR17, on July 11 (Saturday), from 1235 to 1305. The weekend language lesson scheduled for approximately 1230-1300; in English and with Kazakh(?) language; multi-language intro ("Hi, Hello, Nǐ hǎo [Chinese for "Hello"], How are you?," etc.); into phrases in English ("I have a pen. She has a pen. I had a pen. She had a pen. I will have a pen. She will have a pen. Do you have a pen?, My mother has a book. My father has a car. Does he have a car?," etc.); with a terrible format for a language lesson, as there is a very prominent, non-stop, self-QRMing whistling and humming throughout the entire program; it's not really in the background, but is too strong. During weekdays perhaps the lessons are at a much later time (1500+?). My local sunrise was at 1258. (Ron Howard-CA)

**CLANDESTINE** New BRB clandestine Radio LVD\* via SPL Sofia, June 21:

1400-1500 on 17870  
French/Somali/Arabic/Afar Sun, very good.  
\*La Voix du Djibouti. In French announcement day is Vendredi/Friday, NOT Dimanche/Sunday. (DX Mix-Bulgaria)

BRB Radio LVD La Voix du Djibouti NOT ON AIR, June 28:

1400-1500 on 17870  
Afar/Arabic/French/Somali Sunday. BRB Radio LVD La Voix du Djibouti was on air 1st&3rd Sun June 7&21, NOT EVERY Sun. (DX Mix-Bulgaria)

La Voix de Djibouti is back on SW, alternate Sundays at 1400-1459 on 17870 via Bulgaria. it was on the air on 7 and 21 June. Heard here 21 June with a fair signal in Afar or Somali, followed by some Arabic and French with ID "La Voix de Djibouti". Website <https://lavoixdedjibouti.info> has a recording of a weekly broadcast of Friday 22 May. This new broadcast was initially reported by Ivo Ivanov with the ID "Radio Vendredi" but its actual on-air name is La Voix de Djibouti, an opposition broadcast which has been on the air in the past. It is believed to be the same station that was originally on-air with a short-lived Thursday-only broadcast that started on 7 January 2010 (1530- 1630 on 15165 back then). (Observations by Dave Kenny, Tony Rogers, Ivo Ivanov/British DX Club) The latest broadcast, of 19 June, is on their Facebook page, there is a weekly broadcast on Friday (Radio Vendredi). They broadcast again on shortwave because the government of Djibouti has cut the Internet in the country, making listening difficult. The association La Voix de Djibouti is based in Paris. (Christian Ghibaudo-France/British DX Club)

Manara Radio International via TDF Issoudun, June 19:  
1600-1700 on 15285 Hausa, good signal (DX Mix-Bulgaria)

Manara Radio International via TDF Issoudun, June 23:  
0700-1800 on 13840 Hausa Daily, fair/good (DX Mix-Bulgaria)

Radio Nyawa Sarawak no longer on shortwave via unknown transmitter center: 1100-1200 on 11890 Iban/Bahasa Malay Mon-Fri, is canceled. Radio Nyawa Sarawak

web site is renamed to previous old station name Radio Free Sarawak. (DX Mix-Bulgaria)

Dandal Kura Radio International via MBR Nauen, June 23:

0700-0800 on 13590 Kanuri Daily, good signal

0800-0900 on 13590 Kanuri Sat - good signal (DX Mix-Bulgaria)

Dandal Kura Radio Int via MBR Nauen June 27:

0700-0800 on 13590 Kanuri Daily-good signal

0800-0900 on 13590 Kanuri Sat - good signal (DX Mix-Bulgaria)

BRB Denge Welat via Grigoriopol & Issoudun on June 22:

0600-1600 on 11530 KCH Kurdish, good signal

1600-2100 on 11530 ISS Kurdish, very strong (DX Mix-Bulgaria)

Good signal of MGB Eye Radio via TDF Issoudun, June 23:

1600-1700 on 15410 Juba Arabic\* Mon-Fri  
\* including other langs  
English/Dinka/Nuer/Shilluk/Bari/Zande/Lu  
toho (DX Mix-Bulgaria)

Radio Ndarason Int via ENC-DMS Woofferton/Ascension, June 24

0600-0700 on 12050 WOF Kanuri, good signal incl

0615-0625 on 12050 WOF news bulletin in French.

0700-0800 on 12050 ASC Kanuri, weak/fair signal (DX Mix-Bulgaria)

Voice of Oromo Liberation VOL via MBR Nauen, June 24:

1700-1800 on 15420 Afan Oromo Wed, very good to fair

Dimtse Radio Erena via SPL Sofia on June 24  
1700-1730 on 9720 Tigrinya Daily - very good,

1730-1800 on 9720 Arabic Wed/Fri, very good &

1730-1800 on 9720 Tigrinya Thu/Sat-Tue (DX Mix-Bulgaria)

IRRS relay Radio Free Kashmir via unknown tx, June 28

0330-0430 on 7355 Kashmiri Sun only, fair signal (DX Mix-Bulgaria)

Clandestine Koode Radio International no longer on shortwave via MBR Issoudun:

1900-1930 on 9810 Nigerian Fulfulde from June 29 (DX Mix-Bulgaria)

7355, Jun 28, 0330, Radio Free Kashmir, ID, Holy Qur'an, Berichte über Kashmir, Mx. 0=3. Das "Free" (müsste Azad oder Azadi sein) habe ich in der ID jetzt nicht entdeckt, aber der Betreiber gibt diese Version als englischen Namen an. (Patrick Robic via A-DX/Shortwave Bulletin)

7530, QSL Voice of the Martyrs (UZB) - e-QSL, 2100, 24-June-2020, response received 08-July-2020. After three weeks of waiting for confirmation, the reception report was re-sent to Pastor Tim [tdillmuth@vomkorea.com](mailto:tdillmuth@vomkorea.com) to which he soon replied: "... I'm sorry for the trouble you've had, but I am confirming that we received this e-mail. I am forwarding to our radio department and they should issue you a reception report within one week ...". Electronic QSL in pdf format came from Mr. Joo from [sjoo@vomkorea.com](mailto:sjoo@vomkorea.com). (Konstantin Barsenkov-Russia, "rusdxplus" & "deneb-radio-dx" RUSdx #1089 via wwdxc BC-DX TopNews July 12)

9720, R. Erena via Bulgaria. May 26 at 1700-1733 in Tigrinya. SI0252. Music & ID at 1700 followed by talk & local music. (Nagatani-Japan/Japan Shortwave Club)

La Voix du Djibouti - 17870. Thanks to a tip from Dave Kenny-UK, I heard what I presume was the Djibouti-opposition radio station "La Voix du

Djibouti" on 17870 this afternoon (21 June) with good reception on the Szekesfehervar remote SDR in Hungary. Tuned in at 1448 to a discussion in progress in presumed Arabic with mentions of Djibouti, ending with some Horn of Africa style music. No ID heard myself though. The transmission ended at 1459. This is believed to be the same station that was originally on-air with a short-lived Thursday-only broadcast that started on 7 January 2010 (1530-1630 on 15165 back then). More from Dave later who can confirm the ID that he heard earlier in the broadcast. (Tony Rogers-UK, / Dave Kenny-UK, BrDXC-UK newsgroup June 21/TopNews)

Radio Nyawa Sarawak (ex 11890) is no longer on SW and no longer a separate organization. Now it has reverted back to being "Radio Free Sarawak" (RFS) and is only available online and via WhatsApp links. On June 15, I checked 11890, for what their website indicated would be their reactivation, but was clearly absent. Now the website has been completely updated and redesigned. No longer any reference to SW, but instead has new RFS programs via audio streaming. Now only IDing as RFS. "Tune in online at - [radiofreesarawak.org](http://radiofreesarawak.org) - and distribute links via <https://radiofreesarawak.org/> . The first time I ever heard RFS on SW was back in April, 2011, when they were via Koror-Palau, on 15420 kHz. Certainly I will miss catching them on SW! (Ron Howard-CA/Australian Radio DX Club)

**CUBA** 78th anniversary of birth, congrats to Prof. Arnaldo Coro Antich, amateur radio operator C02KK, and DX editor on Radio Habana Cuba English language program, La Habana, Cuba; on July 2nd, 2020. Spent six decades on duty on Cuban radio. (TopNews)

**CZECH REPUBLIC** Czech residents for maintaining funding for Czech Radio through concession fees.

The majority of citizens of the Czech Republic (79%) support the preservation of concession fees, through which public media are funded - Czech Radio and Czech Television. A corresponding survey of people over 18 years old was carried out by Median and STEM / MARK. According to the results of the study, the Czech Radio and Czech Television programs comply with the requirements of the population put forward in relation to the public media. Czech Radio and Czech Television, according to the survey, are considered the two most important media in the country. Citizens rate the current value of the concession fee as appropriate or low in the case of Czech Radio - 84%, and in the case of Czech Television - 81% of citizens, including pensioners and low-income families. Concessionaires, according to the survey, also realize that a minimum increase in contributions, which has not happened for more than 10 years, would correspond to the expansion of the Czech Radio and Czech Television programs already carried out over the past decade. Three quarters of the respondents emphasized that they would perceive the expansion of advertising in the program of the public media discussed as a decrease in the level of broadcasting already achieved. The contribution for the radio since 2005 is nominally 45 crowns per month (1.7 EURs). As a result of inflation, its real value has declined to the level of 33 kroons (about 1.2 EURs) by today. Despite this circumstance, Czech Radio did not stop expanding its portfolio of stations, programs and implementing a variety of special projects. Anton Kaimakov, [radio.cz](http://radio.cz). (via RUSdx #1086 via wwdxc BC-DX TopNews June 21)

**DENMARK** World Music Radio on 15805. Yes - I'm testing a new audio feed for the 15805 transmitter. Hopefully more stable than the previous one, which sometimes would run 24 hrs without a single drop out - at other times produce drop outs almost continuously.

Something's always wrong at WMR! My plan is to keep 15805 (200 W) on the air 24hrs/7d for the next week or two. Should give DXers around the world a chance to catch 15805 when conditions on 15 MHz in some rare cases might improve. Currently propagation on 15 MHz is usually poor with a few fair days, but right now at this time of the year I suppose chances are the best. WMR on 15805 (200 W) - transmitter site: Randers. WMR on 5840 (100 W) - transmitter site: Bramming. Far.Pl.: Power increase to 500 W on 5840. And new transmitter on mediumwave 927 (500 W) in Hvidovre. (Stig Hartvig Nielsen-Denmark/BrDXC-UK newsgroup June 17/TopNews)

World Music Radio (WMR) has been broadcasting on 5840 and 15805 since 2018y. Coming soon is 927. And Radio208 has been broadcasting since December 2019y on 1440 and since May 2020y also on shortwave 5805. It has cost a lot of time, energy and money - but it has been and still is great fun - keeping shortwave and mediumwave alive. The cost of the transmitters (some 15000 EURO), aerials and transmitter sites is one thing. Another thing is the running cost. The two big expenses are: Music royalties: 450 EURO each month Power costs: 1300 EURO each month (when all transmitters are on full power). If you could help keeping WMR and Radio208 on the air, your support would be highly appreciated. All amounts are welcome. Please use this link: [paypal.me/worldmusicradio](https://paypal.me/worldmusicradio) or make a bank transfer to Hartvig Media, Hovedvejen 17, DK 8920 Randers NV - IBAN DK1093310007162081 - SWIFT KRONDK22. All contributors donating at least 25 EURO will receive a WMR mouse pad (23 x 18 cm). Please mention your street address. If you want your contribution to be anonymous please write "anon" MW-TX for sale. Two 300 Watts (1.2 kW PEP AM) mediumwave transmitters for sale. They are both new and never used. Full details here:

<http://pll.gr/product?pid=AM-300W>. If serious - please write to [wmr@wmr.dk](mailto:wmr@wmr.dk). (Stig Hartvig Nielsen-DEN, via Manuel Mendez-Spain, June 29/TopNews)

5805, Radio 208, Hvidovre. eQSL and mail with the history of the station received in 34 days for report sent to: [mail@radio208.dk](mailto:mail@radio208.dk). (Manuel Mendez-Spain/British DX Club)

**ENGLAND** 7300, Radio Akhbar Mufriha, via Woofferton, E-QSL in 15 days. E-Mail address: [email@akhbarmufriha.com](mailto:email@akhbarmufriha.com). (Kurt Enders-Germany/DX Fanzine) 7300, received an e-QSL from Radio Akhbar Mufriha through ENC Encompass Digital Media Services at Woofferton England, (Great Britain). I wrote to two addresses: [akhbarmufriha@outlook.com](mailto:akhbarmufriha@outlook.com) (the answer came from him) and [email@akhbarmufriha.com](mailto:email@akhbarmufriha.com). waiting for an answer for 8 days. Signed: Daniel Berger, Secretary. PDF format, simple design style: text and a small black and white picture with a quote from the Gospel of John. The WRTH Directory says this is a Reach Beyond organization program formerly known as HCJB Global Voice, headquartered in Colorado Springs (USA). One of its units is familiar to many Radio Voice of the Andes, whose programs are being prepared in Voronezh and broadcast through Nauen in Germany. Only here the language in WRTH is Arabic, but in fact it is Berber from Shilkhsky subgroup (she also tashelkhit). According to Wikipedia, a subgroup further divided into specific languages, but which one is being broadcast - is unknown. Daniel Berger asks everyone to know about Radio Akhbar Mufriha native speakers of this language, but I don't have such friends. (Dmitry Mezin-Russia / "open-dx", RUSdx #1087 via wwdxc BC-DX TopNews June 28)

**EQUATORIAL GUINEA** 5005, Jun 23, 0500, Radio Nacional, Bata, open at about 0500, songs. Extremely weak audio, barely audible,

strong carrier. (Méndez-Spain/Shortwave Bulletin)

**FINLAND** Scandinavian Weekend Radio SWR celebrates 20 years on the air in July 2020 and is on the air for 48 hours from 2100 Thursday to 2100 Saturday. Live broadcast will be 0700-2100. Saturday via [Radioverkko.fi](http://Radioverkko.fi) and new shortwave schedule as follows:

2100-1500	on	6170	VIR	0.1	kW
Finnish/English					
2100-1500	on	11690	VIR	0.1	kW
Finnish/English					
1500-2100	on	5980	VIR	0.1	kW
Finnish/English					
1500-2100	on	11720	VIR	0.1	kW
Finnish/English (DX Mix-Bulgaria)					

**FRANCE** Recent note from Radio For Peace International mentions that they are planning broadcasts in English and Spanish. (Allen Dean-UK/British DX Club)

Alameda Bible Fellowship via TDF Issoudun, June 22:

1700-1730 on 15485 English Mon/Fri, fair signal\*

1930-2000 on 11860 English Mon/Wed/Fri-canceled

\*that is 1st edition of ABF for the year 2020 and repeated for several months (DX Mix-Bulgaria)

Deutsche Welle via MBR Issoudun, June 23:

0630-0700 on 11850 Hausa, good signal

0630-0700 on 15215 Hausa, fair signal (DX Mix-Bulgaria)

9510, R. Algérienne, Algeria via Issoudun, France. 2000(S/on)-2025 in Arabic. SI0252. S/on with music & ID followed by Qur'an.//9655 SI0252. (Nagatani-Japan/Japan Shortwave Club)

11970, NHK Radio Japan via Issoudun at 0045 in English, with musical intro and welcome to a program where an economist

was the guest. Schedule for this broadcast is 0430-0500 Mon-Fri and 0430-0530 Sat/Sun. Good, July 9. (Harold Sellers-BC/DXplorer)

15485, Religious UNID. Hey, fellas. Do any of you know which religious radio (probably broadcasts from Europe) on Mondays from 1700 (supposed)-1730 by 15485 in English? I have never heard it at the beginning, so I consider that it can start at 1700, I always hear it in the final minutes, without interval signal or identification. This broadcast does not appear on any list or religious radio schedule. Thank you in advance. (Pedro Sedano-Spain) "Alameda Bible Fellowship" via TDF Issoudun France bcst center. It is there also on Fridays, see WRTH A20. (Mauno Ritola-Finland WRTH editor, June 15/TopNews)

**GERMANY** Bible Voice Broadcasting via MBR Nauen June 27:

1430-1500 on 15265 English Sat, good signal (DX Mix-Bulgaria)

HCJB Voice of The Andes via MBR Nauen, June 20:

1529-1629 on 13800 Russian/Chechen Sat, good (DX Mix-Bulgaria)

A new German voice Radio SE-TA 2 is back on the air in 2020 via MBR Nauen:

1000-1100 on 6095 German Sat July 4 and October 3, 2020 (DX Mix-Bulgaria)

A New German Voice is Back On The Air in 2020! Radio SE-TA 2 is broadcasting primarily to German citizens in Europe and the world, who live outside of Germany. Our programs include information and music from Germany and the world to maintain the connection to their home. A quarterly program series starts on July 4th, 2020 with a one hour show called "Let's Go Rock'n Roll". This time our program is from Nauen via the facilities of Media Broadcast on 6095 with a radiation power of 125 kW. The reception area will be all of Central Europe. These

quarterly programs will always be aired on the 1st Saturday in the new quarter. Summer period: 1000-1100. Winter period: 1100-1200. Transmissions are already booked as follows: 04.07.2020 / 03.10.2020 / 02.01.2021 / 03.04.2021 - safe the dates! Your letters with comments, criticisms, music requests and reception reports are welcome to: [SE-TA@web.de](mailto:SE-TA@web.de). We'll get back to you in 2020 / 2021 with our response and ask for your valued patience. Yours sincerely, Christoph (Gerber aus Hartenstein-Germany Radio SE-TA 2 (TopNews)

Radio Se-Ta2 is a new quarterly SW broadcast. A one hour show called "Lets Go Rock'n Roll" will be aimed at German citizens in Europe and worldwide. The broadcast is via Nauen with 125 kW on 6095 from 1000-1100 (one hour later in winter) on the first Saturday of the month. Transmissions have been booked as follows: 4 July 2020, 3 October 2020, 2 January 2021 and 3 April 2021. Feedback and reception reports welcome to: [SETA@web.de](mailto:SETA@web.de) (Radio Se-ta2 via Manuel Mendez-Spain/British DX Club)

Shortwave Radio heard on 6160 kHz from Winsen and 6150 in parallel - presumed from Datteln via Europa24 from 1230 tune-in on Saturday 20 June. I heard a similar parallel broadcast the other evening, so it looks as if Shortwave Radio are now testing via the Europa24 transmitter. (Alan Roe 20 June) The shortwaveradio.de web site explains "We are on 3975, 6160 and 6150 in cooperation and kind support of Europe24. Tomorrow 20 June, the cooperation with Europe24 will continue in order to check signal and propagation on 6150 and 6160. This is a test. Start on all three frequencies will be at 0700. Enjoy." (via Harald Kuhl-Germany/British DX Club)

DWD Deutscher Wetterdienst on June 25:  
0600-0630 on 5905 PIN German AM, weak signal

0600-0630 on 6180 PIN German AM, fair signal (DX Mix-Bulgaria)

**INDIA** Frequency changes of All India Radio AIR External Service

1145-1315 NF 17595 BGL Chinese, ex 17510  
1215-1330 NF 9580 BGL Tibetan, ex 9450 (DX Mix-Bulgaria) How many days will it take for the Chinese agencies to find out and jam a new SW frequency of All India Radio beamed to China, whose old frequency they were jamming? If the latest case is any indication, it is 6 days. Full jamming continued on the old frequencies until July 5, 2020 although these changes were reported in the DX press even before it came into effect. The jamming would start even before AIR begins its transmission and normally ends only after AIR signs off. The jamming consists of programs in Chinese language and/or jamming noises. On June 6, 2020 no jamming was noticed on the old frequencies but at around 1230 the jamming started on the new frequencies. (Jose Jacob-India/DX India)

Unscheduled transmission of All India Radio on 11560, July 4:  
till 1146 on 11560 BGL Music, NO ID for language (DX Mi9x-Bulgaria)

AIR Thiruvanthapuram, Kerala is noted back from yesterday (July 5) on SW after many months absence. Both 5010 & 7290 was heard by me. The signals are weak with some hum also noted. Their regular schedule is: 5010 0020-0205, 1130-1740 and 7290 0230-0930 (Sat, Sun 1030). Reports to [seairtvm@rediffmail.com](mailto:seairtvm@rediffmail.com). [www.airtvm.com](http://www.airtvm.com). (Jose Jacob-India/DX India)

India's Galwan Commentary Through AIR Not Reaching China: India's commentaries on the "unnecessary transgression" by China in Ladakh and other messages sent via radio waves might not be reaching the country as it has possibly "jammed" the signals. ThePrint reported last week how India has

started putting across its word on multiple issues concerning China amid the border standoff to the Chinese audience through the state-owned All India Radio's (AIR) Chinese service. India has, so far, broadcast in Mandarin commentaries of experts on China and strategic affairs on several topics, ranging from the Galwan incident, where they said China had been "transgressing along the boundary unnecessarily", to commentaries on China's role in the South China Sea and its economy. However, multiple open source intelligence networks have since then pointed out that India's words may not be reaching China at all as it is jamming shortwave radio waves, which carry the Chinese radio signals. Jose Jacob, who contributes for the World Radio TV Handbook and is an expert on shortwaves, told ThePrint China has been jamming frequencies carrying the AIR Chinese service as well as the Tibetan service with music and other noise. "This creates disturbance and thus listeners there are not able to hear it clearly. But this is not the first time. China regularly jams Indian radio signals from AIR and also from other countries, such as voice of America," said Jacob, who monitors shortwaves regularly. "Even if we change channels, they undergo jamming within a few days," he added. ThePrint approached AIR officials for a comment but they refused to speak on this matter. (The Print/Australian Radio DX Club) Radio experts say China has been jamming frequencies carrying AIR Chinese service with music & other noise. Meanwhile, India is yet to counter Nepal's 'anti-India' broadcasts. (Amrita Nayak Dutta-India, 29 June, 2020/TopNews)

AIR External Service in Tamil to Sri Lanka at 1115-1215 on 7270 (100 kW) from AIR Chennai has been suspended again due to Covid-19 (July 16). (Jose Jacob-India/DX India)

**INDONESIA** 3325, Jul 1, 1313, Voice of Indonesia, via Palangkaraya. Heard VOI much stronger than faintly heard NBC Bougainville also on frequency; 1313-1318, with "Today In History" (this date in 1945, in WWII, Allied invasion of Borneo; this date in 1988, Treaty on Non-Proliferation of Nuclear Weapons signed; etc.); heard during their English hour; // 4749.95, via Cimanggis/Jakarta, very poor underneath CNR1. (Ron Howard-CA/Shortwave Bulletin.)

**KOREA (North)** Very odd frequency of Voice of Korea in 22mb on July 1 at 1300-1357 on 13760.2 in English and follow 1400 & 1600 in French; 1500/1800 English; 1700 & 2000 Korean; 1900 Spanish. (Ivo Ivanov-Bulgaria via wwdxc BC-DX Topnews July 1)

3205, Korean Central Broadcasting Station, DPR of Korea. May 27 at 1013-1102 in Korean. SI0353. Music program. ID at 1059. First heard on May 27 and irregularly heard on May 28 and from Jun.3 to 5. (Toriumi-Japan/Japan Shortwave Club)

3250, Jul 10, 1032, KCBS continues silent on 2850 and 3205; again heard on 3250, from 1032 till last check at 1240; noted // 3959. (Ron Howard-CA/Shortwave Bulletin)

KCBS (N. Korea) silent on 2850, 3205 and 3250, at 1120 on July 6. Still looking for a new frequency? (Ron Hoard-CA)

**KOREA (South)** Frequency change of Voice of Freedom from June 23:  
0800-0400 NF 6045 HWA Korean, ex 5920 (DX Mix-Bulgaria)

Voice of Freedom, on June 22, noted on 5920, from 0954 through 1331, heard with only a strong carrier (no audio). Komatsubara Hiroyuki ("Now On The Radio DX") also noted no modulation later at 2315 (June 22). June 23 - VOF, first day on a new frequency of 6045 (ex: 5920); at 1000, with program "Aneun geos-i him-ida" (Knowing is

power), with theme song "See Ya," sung by Atomic Kitten; fair. June 22 (Monday) observed frequencies: VOP: 3480 // 3910 // 3925 (Japan QRM) // 4450 // 6520 // 6600, at 0951. VOH: only 3985 // 5995 // 6350, at 0946; late starting with these additional frequencies 4880 // 6245 // 9095, at 1003. Interesting to note that on June 22, Komatsubara Hiroyuki ("Now On The Radio DX") was the first one to note CNR1 on the new frequency of 6255. Perhaps in error? June 23, I also noted CNR1 on 6255, at 1012. Rather a strange frequency, as Sound of Hope (Taiwan) on 6215 // 6230 // 6280, were not jammed today by CNR1. So why 6255? (Ron Howard-CA)

3475, Voice of the People, this is the only change today July 6; noted with good reception! // 3905 (ham QRM) // 3930 // 4450 // 6520 (continues to be unusually good - not jammed) // 6600, at 1117. (Ron Hoard-CA)

3980, Echo of Hope - VOH // 4885 // 5990 // 6250 // 6348 // 9100, at 1114 on July 6. All the same frequencies as last Monday. (Ron Hoard-CA)

4890, Echo of Hope - VOH, 1346-1354, July 16 (Thursday). Tuned into a news program in English; first time I've heard this. What is the schedule for this? (Ron Howard-CA)

6045, Voice of Freedom, on 1119+, on July 6. Totally blocked by super strong white noise jamming from N. Korea. The former enjoyable reception of VOF has come to an end for the time being! (Ron Hoard-CA)

**KUWAIT** Radio Kuwait General Service on June 29:  
0500-0800 on 15530 KBD Arabic, fair (DX Mix-Bulgaria)

Frequency change of Radio Farda via USAGM Kuwait from July 9:

1100-1400 NF 11725 Farsi, ex 11910, re-ex 7435

0630-1100 NF 17800 Farsi, ex 5860 - NO CHANGE

Both frequencies are unregistered in A-20 HFCC Database July 3 but 11725 is registered in USAGM RMS locations, instead of previous 11910 & 7435. (DX Mix-Bulgaria)

**LIBERIA** 6050, ELWA, Monrovia. Poor in EE to Waf at 0633 on 12/6. (Adams-Australia/Australian Radio DX Club)

**MADAGASCAR** 5010, R. Madagasikara (presumed). May 30 at 2020-2108(f/out) in French. SI0252. Pops & short announcements by a woman. ID was not confirmed. (Nagatani-Japan/Japan Shortwave Club)

5009.92, R. Madagasikara, Ambohidrano. Local pops and Malagasy annct at 2245. A fair signal at first but weakened as the morning progressed to f/out very late around 0010 (10:10am here!). The only signal on the band except for a very weak 4KZ signal on 5055. 15/6 (Wagner-Australia) 2315, transmission for locals singing and music reasonable signal, 16/6. (Johns-Australia/Australian Radio DX Club)

6135, Jun 23, \*0447-, Radio Nasionaly Malagasy, Ambohidrano, open with African song and Vernacular comments. Extremely weak, barely audible. Radio Aparecida out of air today on this frequency. (Méndez-Spain/Shortwave Bulletin) 6135, Radio Madagaskira. Surprised to find this one here at OK level from 1240 t/in with local pops and ballads and long anncts in between tunes, occasional mentions of Madagascar. Ad / PSA break 1315, more pops then clear IDs at 1330. Steadily improving signal. Also powering in on the VK20B SDR at Narrabri which always seems mercifully free of noise. 5/6. (Francis-Australia) Very good indeed, church service in Malagasy 1415. Good that this frequency is now free of Korean jamming, 14/6. (Seager-Australia/Australian Radio DX Club)

15605, Adventist World Radio, via Talata-Volonondry, QSL in 28 days. Report in English sent to: [qsl@awr.org](mailto:qsl@awr.org), (Christian Ghibaud-France/DX Fanzine)

**MALI** Reception of ORTM Radio Mali via Bamako, June 23:  
0800-1800 on 9635 French, weak signal (DX Mix-Bulgaria)

5995 RTV du Mali, Kati, Bamako. Long talk/discussion in French at 2320. A weak signal under co-channel ZNBC Zambia until f/out around 2350. 15/6. (Wagner-Australia) Fair in French at 0611 on 8/6. (Adams-Australia) Nice signal at 0640 with local music, random rooster crow and FF anncts. 6/6. (Francis-Australia) African mx w/anncts. in dialect 0658, 14/6. (Ireland-Australia) Good in FF w/talks, quite improved signal lately, 0646, 13/6. (Seager-Australia/Australian Radio DX Club)

**MEXICO** 6185, XEPPM R. Educación, México City. Act 3 Aria from Handel's Riccardo Primo at 0550. XEPPM continues to improve in strength as we draw nearer to the winter solstice. 16/6. (Wagner-Australia) Carrier noted at 0522, Latin music heard at 0526, barely audible on 1/6. Good in SS at 0708 on 12/6. (Adams-Australia) Fair w/orchestral mx 0625, brief SS anncts., haven't heard them for a while, 13/6. (Seager-Australia/Australian Radio DX Club)

**MOLDOVA {Pridnestrovie / Transnistria}** Received electronic QSL from the Transnistrian Radio and Television Center Grigoriopol Maiac, for relay of the transmission of TWR-Africa in the Tigrinya language – 22-June-2020, at 1800-1815 at a frequency of 9940. Reported by email: [prtc@idknet.com](mailto:prtc@idknet.com). In various DX sources I saw information that Transnistria the radio center no longer confirms reception reports. But now, I sent a report and received confirmation. (Dmitry Kutuzov-Russia,

"deneb-radio-dx", RUSdx #1087 via wwdxc BC-DX TopNews June 28) TWR Africa (via MDA Transnistrian Radio and Television Center Grigoriopol Maiac, e-QSL, 9940, 1810 UT, 21-June-2020. QSL topic: antenna field at the transmitting center in Swaziland (view differs from previously sent). (Konstantin Barsenkov-Russia, "rusdxplus", "deneb-radio-dx" RUSdx #1087 via wwdxc BC-DX TopNews June 28)

**MONGOLIA** 7260 is on the air irregularly carrying 3rd prgr. Between 2300-0500 & 0700-1500. 4895 has been observed on the air only a few times during local daytime. 4830 still continues off the air completely. (WRTH Monitor domestic updates as of June 18/TopNews)

**MYANMAR** 5915, Myanmar Radio, Naypyidaw. Contemporary sounding Burmese pops and anncts at 1050, a weak signal but in the clear, 11/6. (Wagner-Australia/Australian Radio DX Club)

5985, Jul 1, 1237, Myanmar Radio. Is Wednesday, so time for another two 5 minute editions of "Learning English with BBC, Burmese"; "How many cousins do you have? When did you get married? Do you have any children? How many brothers and sisters do you have?", "Phil, where do you live? . . . I live in Manchester. . . I live in Birmingham. . . I live in London," etc.; fairly readable. (Ron Howard-CA/Shortwave Bulletin)

**NEPAL** The low power transmitter on 5005 has been closed. (WRTH Monitor domestic updates as of June 18/TopNews)

**NEW ZEALAND** 9700, RNZ Pacific, Rangitaiki, at 0507, music and into "Checkpoint" news analysis program. Excellent, July 9. (Harold Sellers-BC/DXplorer)

**NORTHERN MARIANA ISLANDS** 9910, Radio Free Asia, via Agignan Point, QSL in 38 days. Report in English sent to: [qsl@rfa.org](mailto:qsl@rfa.org). (Christian Ghibaudo-France/DX Fanzine)

**PAPUA NEW GUINEA** 7325, Wantok Radio Light, Port Moresby. May 20 at 0825-0915 in English. SIO252. Female talk & Gospel songs till 0857, then ID. NBC news relay at 0900. Religious talk at 0915. (Nagatani-Japan/Japan Shortwave Club) 7325, Wantok Radio Light, Mount Hagan. Fair with English religious programming on 3/6 at 0120. (Adams-Australia/Australian Radio DX Club)

**PHILIPPINES** Reception of FEBC Radio/Radio Liangyou on June 25: 1300-1400 on 11600 BOC Hui zu/Yunnan, fair signal (DX Mix-Bulgaria)

9405, FEBC, Bocaue. Interval signal at 2226, ID 2229 for the start of the 2230 service to EAs in Mandarin. Fair signal, 2/6. (Wagner-Australia/Australian Radio DX Club)

13870, "FEBCambodia - Voice of Love" (per their website), 1053-1130, June 27, with FEBC IS; at ToH, started with hymn; into the Khmer language programs; nice indigenous music; decent reception. Thanks again to Ralph Perry for his encouragement to check this out. Programs are produced in the studios that are actually located in Phnom Penh and transmitted via the Philippines. (Ron Howard-CA)

17820, Radyo Pilipinas, Tinang. Target Middle East transmitter, English px. ID, close 0300, good signal 27/6. (Johns-Australia/Australian Radio DX Club)

**RUSSIA** Radio Purga DRM transmissions from Komsomolsk-na-Amure with 20 kW have the following registered schedule: 2000-2300 on 9850, 2300-0400 on 12025 and 0400-1000 on 15735, but operation seems to be irregular with just music fill so far. (WRTH update June/British DX Club)

6000, Radio Adygea Adygea Krasnodar. The second QSL card for me was received from Victor Efimtsov (RU6AX) from the Krasnodar CRTC (Krasnodar Regional Radio and Television Broadcasting Center) for receiving Radio Adygea on May 25, 2020. The card is different from the 2016 QSL version. (Dmitry Elagin-Russia, "rusdxplus", RUSdx #1086 via wwdxc BC-DX TopNews June 21)

**SAUDI ARABIA** 11745, R. Al-Azm via Saudi Arabia (presumed). June 10 at 1515-1540 in Arabic. SIO252. Talk & Arabian music to Yemen. (Hayashi-Japan/Japan Shortwave Club)

**SINGAPORE** Frequency change of BBCWS via ENC-DMS Kranji, June 6: 2200-2400 NF 5845 English, ex 5890 (DX Mix-Bulgaria)

**SOLOMON ISLANDS** 9545, SIBC, Honiara. Island pop songs and English anncts at 2235, fair signal with the characteristic slow fade cycles that occurs on this circuit between the islands and Mt Evelyn at that time of the morning. 2/6. (Wagner-Australia) Fair 0226 w/local song, after program promo, 16/6 (Seager-Australia/Australian Radio DX Club)

**SOMALIA** 7110.0 - USB mode, Warsan Radio, Baidoa, South Somalia, now daily in Amateur Radio frequency range band. Attach: Audiofile from 12 June 2020 at about 1640. towards IARU [intruderalert@iaru-r1.org](mailto:intruderalert@iaru-r1.org). (Wolf Hadel-Germany DK2OM via IARU IntruderAlert, June 13) Correct ... per Hassan the xmtr is an Icom M700 - what I could not ascertain was the antenna type. But whatever it is, it works! Warsan Radio Icom transmitter. To put a 100 watt signal like they do into NZL takes a good antenna. I believe they are running slightly less than 100watt. The attached photo shows the comparison between the Warsan Radio and VOBM signals on 7110 and 7140 respectively

- the picture is somewhat misleading as the audio level of Warsan R was much closer to that of VOBM (S3 vs S3+) while the AM/U carrier indication looks much weaker. (Bruce Churchill-CA via IARU IntruderAlert, June 13/TopNews)

**SOUTH AFRICA** The South African Broadcasting Corporation (SABC) has issued a notice of possible redundancies following consultations with the public broadcaster's key stakeholders. The notice follows the launch of the SABC's new Target Operating Model - a strategic renewal initiative aimed at transforming the Corporation into a financially sustainable, self-sufficient and fit-for-purpose public broadcaster. The SABC has a duty to ensure the continued viability of the Corporation so that it may fulfill its public mandate and effectively serve the millions of South Africans who rely on it for education, information and entertainment. The notice of redundancy will impact approximately 600 employees and these affected employees will be invited to make representations during a consultation process which will be facilitated by the Commission for Conciliation, Mediation and Arbitration ("CCMA"). This is to ensure full transparency, accountability and impartiality in terms of the Labour Relations Act 66 of 1995 ("LRA"). Organised labour as well as representatives of the non-unionised employees will be consulted within a meaningful joint consensus seeking process as mandated by Section 189 of the LRA. (SABC Media Statement via TopNews)

**SPAIN** The REE programme guide shows the resumption of foreign language programming on REE from 1 June having been off the air for the past two months due to the coronavirus situation. Includes English at 2200-2230 (Mon/Wed/Fri), French at 2230 and Portuguese at 2300. (British DX Club)

**SUDAN** 7205, Sudan Radio, Al-Aitahab (Omdurman). Only occasionally heard here during the winter afternoons. Arabic commentary at 0320. Deep resonant ID as "Huna Omdurman", then into a new program. A weak signal but a strong indication that reception conditions were excellent on this day, 16/6. (Wagner-Australia/Australian Radio DX Club)

**TURKEY** Open carrier of TRT Voice of Turkey VOT July 5:

1130-1225 on 13760 EMR German, but dead air. Something's always wrong at Voice of Turkey Emirler transmitting stn (DX Mix-Bulgaria)

**UNITED ARAB EMIRATES** Frequency change of BBC via ENC-DMS Al-Dhabayya from June 22:

1900-2000 NF 5925 Arabic, ex 9885

1700-1900 on 9885 Arabic, ex 1700-2000 (DX Mix-Bulgaria)

**USA** U.S. Agency for Global Media CEO Michael Pack informed those he dismissed in email notices sent late Wednesday (June 17) just hours after he had sought to play down those concerns in an email to staff saying he is committed to ensuring the independence of the broadcasters who are charged with delivering independent news and information to audiences around the world. A congressional aide said that among those removed from their positions were the heads of Radio Free Asia and Radio Liberty/Radio Free Europe and that the head of the Middle East Broadcasting Network was also expected to be ousted. The director and deputy director of the Voice of America had resigned from their positions on Monday. Pack, a conservative filmmaker and one-time associate of President Donald Trump's former political adviser Steve Bannon, said in a notice to one of those fired that he was taking the step consistent with his authority as the new CEO of the overall agency. It gave no reason for his decision. He added in the

notice, obtained by The Associated Press, that he expected the agency's new board of directors, chaired by himself, to approve the decision. In a separate notice, also obtained by the AP, Pack announced that he had removed all the current members of the board, named himself chairman and installed his own team. The firings came after Pack had tried to allay mounting concerns about his intentions at the agency in an email to staff in which he said he is "committed to maintaining the agency's independence and adhering to VOA's charter and the principles." Pack said his first priority is to raise employee morale, which has taken a hit in recent months with attacks from the White House and came to a head on Monday when VOA Director Amanda Bennett and Deputy Director Sandy Sugawara announced their resignations, saying that Pack is entitled to have people of his choice in important positions. {Matthew Lee-AP via Mike Cooper-UK/hcdx/TopNews)

Benn Kobb and Christopher Rumbaugh have informed us about an application for a new shortwave station in the United States. It would apparently be an all-DRM station, Digital Radio Mondiale modulation, rather than standard AM-type modulation. The applicant is Parable Broadcasting Company, based in Norfolk, Virginia, but the transmitter site would be Batavia, Illinois. The requested call letters are WPBC for Parable Broadcasting Company. The station is slated to have two 10-kilowatt DRM transmitters and one TCI-brand super high-power log periodic antenna. The US Federal Communications Commission requires shortwave stations to use at least 50 kilowatts, but they can use as little as 10 kilowatts in DRM. Stephen Bartlett, president of PBC, says the station's principal business will be broadcasting religious and educational programming and data services from third parties, specifically beamed to Europe. The technical details of their license application was prepared by Stephen

Lockwood of the well-known engineering consulting firm of Hatfield and Dawson. (Wavescan 593) Meanwhile on July 8<sup>th</sup>. Benn Kobb, Kim Elliott and Christopher Rumbaugh filed an Informal Objection to the Application for Authority to Construct an International Broadcast Station with the Federal Communications Commission because the service appears to be primarily a data service not intended for the general public. (RAD) Having constructed shortwave radio towers in Chicago, Frankfurt and London, Raft Technologies have established ultra-low latency connections between various exchanges, which are leased to algorithmic trading firms who seek a speed advantage. In talking with Haim Ben Ami; CEO of Raft Technologies, we discuss why some firms are prepared to pay big bucks in order to be a few milliseconds quicker than other market participants. Haim also draws comparisons of the various technologies used to transmit data (shortwave, microwave and fiber optic cable), plus going beyond the connections; how firms further optimize for speed, and what's next in the race to zero. (DRMNA via Benn Cobb)

New updated schedule of World's Last Chance Radio via Monticello, Secretbrod & Woofferton:

0100-0257	on	9330	English	WBCQ-6
Monticello				
0300-0557	on	9330	English	WBCQ-6
Monticello				
0600-0755	on	9330	English	WBCQ-6
Monticello				
0700-1000	on	11600	Arab.	NUTRS SPL Sofia
0800-0857	on	9330	French	WBCQ-6
Monticello				
0900-0957	on	9330	Portug.	WBCQ-6
Monticello				
1000-1057	on	9330	Spanish	WBCQ-6
Monticello				
1100-1255	on	9330	Spanish	WBCQ-6
Monticello				
1300-1357	on	9330	Spanish	WBCQ-6
Monticello				

1400-1555 on 9330 English WBCQ-6  
 Monticello  
 1600-1857 on 9330 English WBCQ-6  
 Monticello  
 1800-2100 on 9800 Arabic ENC-DMS  
 Woofferton  
 1900-2157 on 9330 German WBCQ-6  
 Monticello  
 2100-2400 on 6015 Arabic ENC-DMS  
 Woofferton  
 2200-2257 on 9330 WBCQ-6 Monticello  
 2300-0055 on 9330 Portug. WBCQ-6  
 Monticello (DX Mix-Bulgaria)

World Harvest Radio International Angel 1  
 on unregistered 12015, July 5:  
 0900-1000 NF 12015 HRI English Sun-Fri, ex  
 9710 HFCC A-20  
 1000-1100 NF 12015 HRI English Sunday, ex  
 9710 HFCC A-20 (DX Mix-Bulgaria)

**VANUATU** Here on the California coast, I'm daily having fair to good reception of Radio Vanuatu's third harmonic on 11835 (3 x 3945). Heard daily with very consistent reception, making for the most enjoyable listening. Am spending a considerable amount of time monitoring this, as one never knows when the transmitter might be adjusted to eliminate this strong harmonic. Am providing this detailed report in the hope that it will motivate others to attempt to hear this interesting station and if unable to actually hear the local programming, one might still be able to catch their wonderful island music. Virtually all the programs this week were in Bislama, except where noted otherwise. Frequent IDs for "Radio Vanuatu, Vois Blong Yumi." June 17 - Radio Vanuatu, unlike yesterday's coverage of parliament, today there was none; listening from 0511 to 0730; strangely CNR2 was off the air today, but instead heard three very brief segments with Fire Dragon music jamming underneath RV; very unusual. A few highlights:: 0545-0600: Song "Happy Birthday," sung in English, followed by birthday dedications. 0600-0630: Listeners calling in with

dedications; playing pop songs in English (Whitney Houston - "I Will Always Love You," Tina Turner - "It Takes Two," etc.). 0630-0635: Message to any persons with interests in the administered property of the late Robert . . . of Port Vila; given in both Bislama and French. 0635+: Pop Pacific Islands music. 0700: ID and time ("six o'clock"); "Welcome to Radio Vanuatu's National News Hour"; many items about parliament and 40th anniversary of independence. June 18 - From 0504 to 0525, nice Pacific Islands pop songs during a break from parliament; 0525+, live coverage of the many speakers in parliament. Today light CNR2 QRM was back again. June 19 - From 0418 to 0530. Pop song (Eagles - "Hotel California," etc.); 0432-0501, parliament "called to order" and series of many short speeches, till 0501, when gavel sounded for parliament to take a break; 0505, "5 after 4," weather report followed by DJ with music program; wished everyone a "happy Port Vila Day ... enjoy the weekend". June 20 (Saturday) - From 0420 to 0620; almost no China QRM: 0420-0456: "Voice of Province(?) program, Radio Vanuatu," which is broadcast Mon/Sat, followed by pop Pacific Islands music. 0530-0600: Program "Inside Sports," with a long phone interview about "football"; have heard this program several times in the past, so is a regular show. 0600+: "Young person's program"; have heard this program several times in the past, so a regular show. June 21 (Sunday) - Mostly religious (Christian) programs from 0308-0408 & 0500-0630, with summertime QRN (static): 0308-0330: Preaching the "word of God," in English. 0330-0400: Religious songs ("In The Sweet By-and-By," etc.). 0500-0530: Eclectic selection of songs (Genesis [Phil Collins] - "Invisible Touch," Mac Davis - "Stop And Smell The Roses," and Pacific Islands pop songs). 0530-0557: Religious program in Bislama, with many words in English; Bible stories for children (Herod's daughter, Salome and John the

Baptist). 0600: Program about sexual abuse and domestic violence. (Ron Howard-CA)

3945, Radio Vanuatu on June 22 with greatly extended broadcast; Japan on same frequency with the usual 1101\*; instead of RV signing off at 1104\* as they recently had been doing, instead had the National Anthem till 1107 and stayed on the air after that; non-stop music; the usual RV signature song ("You Are The Only One," by the Black Brothers) at 1119, 1136 and 1148, plus at 1300, 1312 and 1329. My local sunrise was at 1249 UT, so the 1300+ reception was the best. (Ron Howard-CA) 3945 R. Vanuatu, Emten Lagoon. Good signal at 0640 with Bislama ID and local pops, and getting excellent bang for its buck with big harmonic signals also heard on 7890 and 11835 9/6. (Francis-Australia/Australian Radio DX Club)

7890H, R. Vanuatu, Vila. Talks in vernacular 0216, interesting daytime signals. 2 x 3945, 16/6. (Seager-Australia) In Bislama 06.05 playing reggae music, 19/6. (Johns-Australia/Australian Radio DX Club)

11835 (third harmonic), on June 23, from 0231 to 0505; mostly fair-good reception, with summertime QRN (static); my local sunset was at 0329. Highlights: 0231-0330: One hour in French; nice French ballads; ToH news. 0330-0408: In English; segment with pop songs; interview with owner of a car wash in Vanuatu who employs COVID-19 laid-off workers; ToH news and weather (Japan offers financial assistance to Vanuatu, presidential elections in Kiribati, etc.). 0408-0436: "Pacific Beat" program of "ABC Radio Australia," with Jordan Fennell; has been years since I last heard a RA program on SW; items about the presidential elections in Kiribati, COVID-19 in PNG; played The Beach Boys - "God Only Knows"; weather; "News from across the region." Most enjoyable and nicely readable! 0436-0437: Back to local RV announcer in English; went into programming in Bislama. (Ron Howard-CA)

11835 (3 x 3945 [harmonic]), Radio Vanuatu, 0515-0535, July 1. Program in Bislama, with enough words in English to clearly understand it was all about the planned celebrations for the 40th anniversary of independence at different locations throughout Vanuatu; 0537, "Happy Birthday" wishes given to many persons with birthdays today. As usual, very nice reception! Independence Day will be July 30, so all this month we can expect many such programs about the upcoming celebrations. (Ron Howard-CA) 11835 (third harmonic), on July 8, from 0407 to 0428. "Pacific Beat" program of ABC Radio Australia, presented by Mala Darmadi, during the RV English hour; fairly readable, even with summertime QRN (static); items about the short supply of kava, research into mental health issues during COVID-19, etc.; my local sunset was at 0328. Another entertaining reception of this now unique experience - hearing an "ABC Radio Australia" program via SW. (Ron Howard-CA) 11835, Radio Vanuatu, Port Vila, at 0546, in Bislama, male announcer, popular islands music, 0550 chatting on the phone with a listener. Definitely a pidgin language, but poor clarity; best in USB. Fair, July 9. (Harold Sellers-BC/DXplorer) 11835 (third harmonic of 3945), Radio Vanuatu, on July 15, with an excellent marathon listening session; 0230-0605. As we get closer to their Independence Day (July 30), I'm hearing more and more brief spots about independence; my favorite one is with the choral NA ("Yumi, Yumi, Yumi") and national slogans. 0230-0330: Hour in French. 0330-0430: Hour in English; pop songs; interview about a music concert held to raise money, which tomorrow is going to be turned over to the Red Cross; 0357-0401, early with the news and sports; 0403-0430, "Pacific Beat" (ABC RA program). 0430+: Mostly in Bislama; 0500-0503, news/sports summary; followed by weather report and nice island song mentioning "Vanuatu"; 0515, program "Inside Sports," starting in English with item

about the upcoming rugby matches to be held at Port Vila Stadium. (Ron Howard-CA)

**VATICAN** NHK World Radio Japan in English via SM di Galeria June 20:  
0500-0530 on 7245 Sat/Sun; 0430-0500 Mon-Fri, fair/good (DX Mix-Bulgaria)

**VIETNAM** 6165, VOV4 (the radio division for ethnic minorities), 1204-1300, on July 6. Very rare reception! Normally the frequency is totally covered by the good signal of CNR6, which was off the air today; no trace of any signal here from Myanmar; playing indigenous music, with chanting/singing; language Vietnamese or similar; weak signal, but definitely there. Needs more monitoring to find out if the CNR6 absence is for more than just a day? Informative thesis that was submitted for a degree by Thuy Thi Thu Nguyen (2008). (Ron Howard-CA) 6165, VOV4 Hanoi-Xuan Mai {Hmong and Dao langs, wb.} On July 13, interesting developments here; yesterday had definite CNR6 here ( \ \ 9420) on the air again after being silent for about six days; today surprised to find CNR6 was again absent; heard VOV4 from 1215 to 1315; in Vietnamese or dialect and with unique indigenous chanting; only a few brief minutes when I thought I heard an extremely weak Myanmar underneath, but not a negative factor to VOV4 reception, which was better than usual. Nice to hear this unique station broadcasting to their ethnic minorities. (Ron Howard-CA via wwdxc BC-DX TopNews July 13)

9635, Vo Vietnam, Son Tay. Vietnamese Network 1 programming at 1045, very good signal, 30/5. And again at 2220, still with a good signal on 2/6. (Wagner-Australia) 1037 on 11/6 in Vietnamese. Good signal, QRM from SOH below. (Emanuel-Australia/Australian Radio DX Club)

**ZAMBIA** 5995, ZNBC, Lusaka. A fair signal at 2320 in one of the many local Zambian

languages. Anncts and a selection of lovely East African popular songs. Into a talk/commentary program at 0000. Mentions of Zambia at 2345. Stronger than the co-channel RTV du Mali until that faded at 2350. ZNBC continued through to its astonishingly late f/out around 0055!! (10:55am here!). 16/6 .(Wagner-Australia/Australian Radio DX Club)

11680, Voice of Hope, Lusaka at 0458 with hymn played on piano, 0500 English, ID as "This is Radio Christian Voice, Lusaka.", with frequencies. - Good, //9680 not audible, July 9. (Harold Sellers-BC/DXplorer)

**ZANZIBAR** ZBC reactivated on 11735 with low power Now at 1710 (8 June). I have a station on 11735 playing African pop music. It is quite weak and so far I haven't heard an ID. But getting stronger. May be Zanzibar with reduced power? Heard again on 9 June with drums and times signals at 1800, followed by news in English from 1800-1810 and then Afro-pops. No ID but must be ZBC (Observations by Harald Kuhl-Germany 8-9 June/British DX Club)

11735, Jul 8, 1750, Zanzibar Broadcasting Corporation, Dole, Swahili, comments, at 1800 English. Very weak. (Méndez-Spain/Shortwave Bulletin)

11735, UNIDENTIFIED weak and tiny string visible at 1545 on June 21, like S=4 or -102dB poor strength, but no audio traced so far. Maybe defunct Dole Zanzibar tx like exciter signal only, no transmitter power amplifier unit on air. (wb df5sx, wwdxc BC-DX TopNews June 21)

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



# Pirate Radio Report

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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. August has no holidays at all.

But some pirate activity normally appears during the last couple of days in August in advance of the United States Labor Day holiday early in September.

For a change, 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.

"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 July. 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.

**Ballsmacker R.-** 6960 0006 5/23/20 fair. Prgm of mx w/theme of "memories." (Taylor-WI)

**Cool AM.-** 6880 0134-- 5/25/20 poor to fair. Prgm of jazz lounge mx relayed by Mix R. International (Taylor-WI)

**Cool AM.-** 6880 2353-- 5/25/20 poor to fair. Prgm of jazz mx relayed by Mix R. International (Hauser-OK)

**Damn Skippy.-** 6925 0159 5/18/20 fair. Prgm of classic rock mx w/SSTV images at close. (Taylor-WI)

**Damn Skippy.-** 6925 0140 5/29/20 fair. Prgm of classic rock mx, suffered from CW QRM at times. (Taylor-WI)

**Evil Penguin.-** 6925 0224 5/25/20 fair. Various mx incl USA NA parody, and several SSTV images. (Taylor-WI)

**Pee Wee R.-** 6930 0010 5/15/20 poor to fair. Prgm of rock mx, SSTV images and some CW ID's. (Taylor-WI)

**R. Illuminati-** 5190 0110 5/31/20 poor. Prgm of rock mx w/poor copy but definite ID. (Taylor-WI)

**R. Nova-** 6930 0056 5/18/20 poor to fair. Buffy St. Marie songs and native American mx w/SSTV images at close. (Taylor-WI)

**Sycko R.-** 5150 0157\* 5/18/20 poor improving to fair. OM ancr telling stories. (Taylor-WI)

**Sycko R.-** 5150p 0300 5/18/20 S9 but bad storm noise. OM telling stories plus some rock mx. (Hauser-OK)

**Texas Radio Shortwave.-** 5150p 0300 5/18/20 S8-S9. Mostly a prgm of Roy Orbison mx. (Hauser-OK)

**Unid.-** 5150 0257 5/18/20 poor improving to fair. Prgm of contemporary dance mx and some classic rock w/SSTV images at close. UNID call letters; not unidentified. (Taylor-WI)


**WDDR-** 6950 0004-0330 5/18/20 good. Drunken DJ Radio w/classic rock mx & several SSTV images. (Taylor-WI)

**WDDR-** 6930 0056 5/18/20 poor to fair. Buffy St. Marie songs and native American mx w/SSTV images at close. (Taylor-WI)

**WDDR-** 6950 0127 5/18/20 good. Drunken DJ Radio w/classic rock mx by several artists & several SSTV images. (Montney-MI)

**Zeeky's Attic-** 6953 2357 5/17/20 good until local thunderstorm. Prgm of classic rock mx. (Taylor-WI)

**Zeeky's Attic-** 6953 0015 5/18/20 good. Prgm of mostly 1960s rock & pop mx, signing off with "I Will Follow Him" by Little Peggy Marsh. (Montney-WI)

**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. 

# Contributors' Page

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The following people made contributions to this issue:

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**Mark TAYLOR**, Lake Farm Cty Pk, WI

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**Mick DELMAGE**, Sherwood Prk AB

**Ed CICHOREK**- Somerset, NJ

**Andre FREDETTE**, Oakville, ON

**Vince HENLEY**, Anacortes, WA

**Gianni SERRA** , Roma-Italy

**Pamela PRODAN**, Wilton, ME

**Eric BUENEMAN** (Various-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

Mini DXpedition,: Tecsun 880 & Eton E5; Degan D-31 amplified loop.

IC-R75, IC7300, Perseus, Random Wire, W6LVP Loops.

Perseus SDR and Icom IC-7300 Ant: Wellbrook ALA 100 loop and KLM 7-30 MHz Log periodic

R75, SW8, MFJ956,SWL 4-50 outdoor wire Realistic Minimus speaker

JRC NRD 535D , Icom R-75 , Drake R8A, PAR ES-SWL 65 ft. antenna, MFJ-959C

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.

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

Eton Field BT

Tecsun PL-600, 30' homebrew portable longwire

DXpedition to Saint Stanislaus Conservation Area, Hazelwood, MO (MO/SSDX)

DXpedition to Weldon Spring Conservation Area, Weldon Spring, MO (MO/WSDX)

**THE 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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- 4055 **GUATAMALA Radio Verdad**, 0133, 6/20/20 in Spanish. Man, very brief woman into same man into a long ID sequence with full ID, frequency, a postal address (probably not valid) into the next program. (Taylor - WI)
- 4765 **CUBA Radio Progreso** via Bejucal - 6/14 0032 noted with Cuban pop music and ID in Spanish; SIO 323. (Bueneman-MO/WSDX)
- 4765 **CUBA Radio Progreso**, Bejucal, in Spanish 06.05.2020 0115- 0130 slow songs, man unclear talk, slow song, woman unclear talk, continuing w/ a slow song, man/woman unclear talk in turns; (Serra,Roma,Italy)
- 4775 **PERU Radio Tarma**, in Spanish 06.06.2020 2234-2245 typical Peruvian music and songs,w/ man unclear talk at times; better in usb, ceaseless qsb, strong qrn statics, poor/ very poor. (Serra,Roma,Italy)
- 4840 **UNITED STATES WWCR 3**, Nashville TN, in English 06.26.2020 0335-0348 man sermon (till 0337), other man talk, again man sermon (excited at times) till 0345, then talking above some music, announcement above music., (Serra,Roma,Italy)
- 4875 **BRAZIL Radio Roraima**, Boa Vista RR, in Portuguese 06.12.2020 2245-2302 woman unclear talk w/ Braz. accent, brief music break at 2250 (brief man announcement heard in streaming only), continuing same woman talk (Serra, Roma,Italy)
- 4875 **BRAZIL Radio Roraima**, Boa Vista RR, in Portuguese 06.15.2020 2325-2351 slow song, man unclear talk w/ Braz. accent, slow songs, w/ woman very brief announcement after a track, continuing music program w/ slow romantic (Serra,Roma,Italy)
- 5025 **CUBA Radio Rebelde** CMBA Bauta - 6/14 0151 noted with Cuban style vocal music //1620 kHz; SIO 434. (Bueneman-MO/WSDX)
- 5040 **CUBA Radio Habana Cuba**, Bauta, in Spanish 06.19.2020 0411-0426 man talk, w/ woman brief talk, music bridge, woman/man reading local news in turns about coronavirus, w/ music breaks and man correspondent interviewing other man, ID at 0422 (Serra,Roma,Italy)
- 5040 **CUBA Radio Havana Cuba** via La Habana - 6/14 0030 noted with "Radio Havana Cuba" ID and commentary in French and musical interludes; SIO 333. (Bueneman-MO/WSDX)
- 5050 **UNITED STATES WWRB** Manchester, TN - 6/14 0037 noted with church service via low-quality telephone line in English; SIO 555. (Bueneman-MO/WSDX)
- 5085 **UNITED STATES WTWW** Lebanon, TN - 6/14 0039 noted with pre-recorded organ concert in English; SIO 555. (Bueneman-MO/WSDX)
- 5505 **IRELAND Shannon VOLMET** - 6/14 0044 noted with weather reports for various European airports, "This is Shannon VOLMET, Shannon VOLMET" ID in English. SIO 333 in USB mode. (Bueneman-MO/WSDX)

- 5875 **THAILAND Radio Thailand Int'l** via Udon Thani – 6/24 1119 noted with commentary in Khmer; SIO 323. (Bueneman-MO/SSDX)
- 5890 **UNITED STATES WWCR**, Nashville TN, in English 06.23.2020 0407-0429 man (Brother Stair ?) religious sermon (mostly unclear); (Serra,Roma,Italy)
- 5945 **NEWZEALAND Radio New Zealand Pacific** via Rangitaiki – 6/24 1115 noted with news analysis in English; SIO 434. (Bueneman-MO/SSDX)
- 5995 **MALI Radio Mali**, Bamako, in French/ unid. local Lang. 06.08.2020 2106-2136 man talk, man host talk and interviewing other man by phone about local topics (ment. du Mali), host continuing talk program, w/ other man brief talk twice, brief lively music (Serra,Roma,Italy)
- 5995 **MALI Radio Mali**, Bamako, in French and Vern. 06.21.2020 1951-2012 man talk, music break, and other men talk in turns (till 1954), brief local instrumental music pause, woman announcement above music, man talk in local language (Serra,Roma,Italy)
- 6025 **CUBA Radio Rebelde**, Bauta, in Spanish 06.14.2020 0316-0340 musical program, w/ non stop lively ballads (alegria de Cuba...); better in ssb w/ agc key on, ceaseless rapid qsb, moderate qrn static (stronger rustle when fading), poor/ almost fair (Serra,Roma,Italy)
- 6040 **ROMANIA Radio Romania Int'l** English 0008-12 “Radio Romania International, Bucharest. Stay tuned for Panorama,” f ann noted that with state of emergency ending it is time to plan for repatriation, then discussion of Romanians who want to come back; good 6/15 (Prodan-ME)
- 6050 **ECUADOR Vozandes Media HCJB Quito**, Pichincha – 6/14 0041 noted with church service in Waorani; SIO 323. (Bueneman-MO/WSDX)
- 6055 **JAPAN Radio Nikkei 1** – 6/24 1045 noted with pop music, ID and Promo in Japanese; SIO 333. (Bueneman-MO/SSDX)
- 6090 **ETHIOPIA Radio Amhara**, Geja Dera, in Amharic 06-17.2020 1950-2003 man fast talk (w/ excited screaming at times, for presumed soccer live), and chatting w/other man at timesw/ African Radio in background at times;(Serra,Roma,Italy)
- 6100 **ROMANIA Radio Romania Int'l** Romanian 0012-30 lively folk music with m ann; station ID & frequencies at 0024; very good 6/15 (Prodan-ME)
- 6115 **JAPAN Radio Nikkei 2**, Chiba-Nagara, 0953-0957. Japanese pop music with announcements by a woman. Moderate strength signal with abrupt ades. 6/26/2020 (Evans - TN)
- 6125 **FRANCE Radio Algerienne**, Issoudun, in Arabic 06.14.2020 0540-0559\* muezzin solo vocals chant till 0545, man talk, other man emphatic rel. sermon (ment. Islam, Medina) w/ final brief crowd cheering, woman/man announcements w/ some brief music pauses, man vocals chant w/ humdrum sound,. (Serra, Roma,Italy)
- 6129 **ESWATINI TWR Africa**, Manzini / Mpangela Ranch, in Portuguese 06.14.2020 1934-1957 brief chant, slow music pause, one IS chime, brief siren alarm sound, man talk above some sounds, music bridge,other man sermon w/ slow humdrum music in (Serra,Roma,Italy)
- 6135 **BRAZIL Radio Aparecida**, Aparecida SP, in Portuguese 06.06.2020 2315-2338 pop songs, man talk (no much clear, ment. Brasil), song, woman talk above music, man/woman unclear talk, brief song, man announcement,

women jingle (clear ID in streaming only w/ many seconds of delay from SW broadcast; (Serra,Roma,Italy)

- 6160 **BRAZIL Radio Boa Ventade**,0:55 GMT, May19, SI0333, Portuguese program: man talking.Good to fair signal till Overwhelmed by another signal at 0:57, much stronger playing rock music WBCQ. (Fredette-ON)
- 6170 **NEW ZEALAND RNZI** in EE. July 1, 2020, 1445 – 1453. SIO 333. Pop MX and news clips. Impact of COVID-19 on NZ economy and its recovery. OM announcer. Pop MX continues after commentary. (Henley, WA)
- 6180 **ROMANIA Radio Romania Int.**, Galbeni, in Romanian 06.28.2020 0418-0446 man interviewing other man (talking about medical topics and allergies), local pop song, man brief announcement w/ ID ( la Radio Romania actualite') above music,. (Serra, Roma,Italy)
- 6195 **SINGAPORE BBC World Service** relay – 6/24 1058 noted with promos, time pips, ID and program previews in English at 1100; SIO 323. (Bueneman-MO/SSDX)
- 6604 **NEWFOUNDLAND Gander VOLMET** – 6/13 2358 noted with weather reports for various Canadian airports, “This is Gander Radio out” ID in English at the end of transmission at 2359. SIO 444 in USB mode. (Bueneman-MO/WSDX)
- 6754 **CANADA CHR Canadian Forces Base** Trenton, ON – 6/13 2356 noted with weather reports for various Canadian and European airports in English. SIO 545 in USB mode. (Bueneman-MO/WSDX)
- 7254 **NIGERIA Voice of Nigeria** 7254.9, July 9 at 0627, VON is back on nominal channel today after excursion to 11769.9 yesterday (Glenn Hauser, OK,)
- 7315 **FRANCE Radio Tamazuj** – Issoudun, 0418-0429\* Jun 24, man announcer with long talk in listed Juba Arabic language. Instrumental music at 0427 followed by station ID by a woman announcer before another man gave closing announcements. Fair and //11650 was also fair. (D’Angelo-PA)
- 7315 **FRANCE Radio Dabanga** – Issoudun, \*0430-0447 Jun 24, this opens the moment Tamazuj closes with several spoken station IDs including several singing station IDs. Into talk program in listed Darfur Arabic language. Fair to good signal. (D’Angelo-PA)
- 7315 **UNITED STATES Voice of Vietnam** on WHRI Cypress Creek, SC English 0006-15 f ann with news & commentary; 9 nuclear-armed states, Covid 19 & WHO, African countries' response; efforts to restart Vietnamese economy & encourage foreign investment; good 6/16 (Prodan-ME)
- 7325 **IRAN. VoIRI** – Sirjan (P), 0005, 6/23/20 in Spanish. Man announcer into another announcer, woman interviewing a woman then back to the men announcers. Poor – fair. (Taylor – WI)
- 7335 **UNITED STATES Radio Marti** Greenville, NC Spanish 0015-21 2 m in discussion; fair 6/16 (Prodan-ME)
- 7375 **ROMANIA Radio Romania Int'l** English 0021-25 discussion of Romanian miners' riots of June 1990; very good 6/16 (Prodan-ME)
- 7375 **ROMANIA Radio Romania Int'l** via Tiganesti – 6/14 0003 noted with news in English; SIO 545. (Bueneman-MO/WSDX)
- 7380 **INDIA All India Radio** GOS – Bangaluru (P), 0100, 6/23/20 in Sindhi. Man with fairly long talk except for a very brief few words by a woman, chant over a droning tone, 0102 off 1 minute and back with more chanting, announcer

- continues for some time (? News) into a woman announcer. Poor - fair. (Taylor - WI)
- 7410 **CHINA *China Radio Int'l*** in JJ. July1, 2020, 1545 - 1554. SIO 444. MX, YL vocalist. Moderate QRN / QSB. Ballad in CC. Listed target is FE. YL announcer with commentary. (Henley, WA)
- 7420 **ROMANIA *Radio Romania Int'l*** Romanian 0024+ songs; good 6/16 (Prodan-ME)
- 7490 **UNITED STATES *WBCQ*** Monticello, ME 0017-0110 special "Fourth of July in the Park" sampler of WBCQ programs; Sir Jack Scratchy - old marches, including 1914 Hawaiian "Kiluea March;" Marion Webster & Christina played Sousa's "Washington Post March" and others; also a rock music program with Rage Against the Machine and Def Leppard; at 0035 Uncle Bill (doing announcing) gave frequency as 7489; after 0100, Allan Wiener; good until 0105 but then totally faded out 7/5 (Prodan-ME)
- 7500 **UNITED STATES *WRMI*** Okeechobee FL 2328-0004 advertisement, then "Masters of Music on WMRI"; off at 0004 during start of "Silent Night" (see 9395); very good 6/14 (Prodan-ME)
- 9200 **CHINA *CNR 1*** jammer, 1224, 6/23/20 in Mandarin. Man announcer over music. Target was Sound of Hope (SoH) via Taiwan. Many // in 31 meters including 9215 (vs SoH), 9340 (vs SoH), 9555 (vs R. Taiwan I. (RTI), 9660 (vs RTI,) 9680 (vs RTI,) 9880 (vs RTI) all fair to good. (Taylor - WI)
- 9265 **UNITED STATES *WINB*** Red Lion, PA - 6/14 0143 noted with Christian teaching in English; SIO 444. (Bueneman-MO/WSDX)
- 9275 **PHILIPPINES *Radio Liangyou*** - Bocaue (P), 1151, 6/28/20 in Mandarin. Man with long prayer ending "Amen," brief pause, same man continues with apparent sermon. Fair - good. (Taylor - Lake Farm Park, WI)
- 9395 **UNITED STATES *WRMI*** Okeechobee FL 0004 "Silent Night," then twice at 0006 "Countdown to Christmas Radio" jingle and lots of Christmas songs ... in June; fair 6/15 (Prodan-ME)
- 9400 **PHILIPPINES *Radio Liangyou*** - Iba (P), 1155, 6/28/20 in Mandarin. Woman with apparent sermon. Poor - fair. (Taylor - Lake Farm Park, WI)
- 9410 **SINGAPORE *BBC World Service*** relay - 6/24 1126 noted with discussion on China in English; SIO 434. (Bueneman-MO/SSDX)
- 9420 **GREECE *Voice of Greece***, 6-13-20, 2103. Variety of Greek instrumentals and vocals. Brief talk by make then more vocals. Very good with slight fade. (Cichorek-NJ)
- 9420 **GREECE *Voice of Greece***, Avlis, in Greek 06.20.2020 0534-0619 non stop typical Greek folk songs and music (bouzouki and other musical instruments), w/ final brief clapping after some tracks, woman ID: " I foni tis Elladas..." (The Voice of Greece) and brief announcement above lively Greek music (Serra, Roma, Italy)
- 9420 **GREECE *Voice of Greece*** Greek 0230-0305 music, 0257-0300 multiple station IDs in Greek & English - "this is Athens, you are listening to the Voice of Greece," then 2 m talk; good 6/10 (Prodan-ME)
- 9420 **GREECE *Voice of Greece*** via Avlida - 6/13 2322 noted with traditional music and commentary in Greek; SIO 444. (Bueneman-MO/WSDX)
- 9490 **FRANCE *Radio Republica*** - Issoudun, 0125-0148 Jun 27, several male announcers in discussion about Cuba in the Spanish language. Various features

- about Cuba, several station IDs and more news reports. Good signal. (D'Angelo-PA)
- 9490 **FRANCE Radio Republica** Spanish 0125- m ann; very good 6/21 (Prodan-ME)
- 9490 **TAIWAN Radio Taiwan Int'l** via Tanshui – 6/24 1132 noted with commentary in Russian; SIO 444. (Bueneman-MO/SSDX)
- 9540 **CHINA China Radio Int'l** via Beijing – 6/24 1134 noted with commentary in Cantonese into choral music. SIO 333 with ACI from Radio Martí on 9535 kHz. (Bueneman-MO/SSDX)
- 9555 **SAUDI ARABIA Radio Riyadh** Arabic 2230-35 music/song, then animated f Ann, then m Ann; poor-fair 6/27 (Prodan-ME)
- 9555 **TAIWAN Radio Taiwan Int'l** – Kouhu (P), 1221, 6/15/20 in Mandarin. Man talking at some length. Poor – fair. Not // with numerous CNR 1 jammers (9660, 9680, etc.) which typically dominate this frequency at this time. (Taylor – WI)
- 9560 **TAIWAN Furusato no Kaze** clandestine in JJ. July 3, 2020, 1448 – 1458. SIO 444. Clandestine targeting North Korea. Moderate QRN / QSB. OM announcer with monologue followed by YL and MX. OM vocalist with a ballad. Good MX, easily listenable. YL with ID and contact information, voice-over background MX. Off air, carrier gone, at 1458. (Henley, WA)
- 9565 **UNITED STATES Radio Marti** Greenville, NC Spanish 2228-40 Corona virus affecting entire world, sta IDs; good 6/27 (Prodan-ME)
- 9580 **ASCENSION ISLAND BBC** 9580 kHz Antarctic Midwinter broadcast coming on 23 seconds past 2130 UTC June 21. The usual greetings and a few short pieces of music played. Very poor with summer static. Transmitter shut off at 2200 UTC (Delmage, AB)
- 9580 **CUBA China Radio Int'l** English 0116-25 f ann spkg to Italian m about moving back to Italy because of mother's health - "I feel like a tourist in my home country," talk about cheeses & wines; "conversations with foreign nationals in China"; fair 6/21 (Prodan-ME)
- 9580 **ALASKA KNLS** Anchor Point – 6/24 1130 noted with Christian teaching in Russian; SIO 434. (Bueneman-MO/SSDX)
- 9580 **ASCENSION ISLANDS BBC Antarctic Midwinter Broadcast**, 2130, 6/21/20. ID various woman and men with apparent messages, some music. Poor at the beginning. I had to leave in the middle of the broadcast and the recorder stopped. When I returned about 2150 to an improved signal there were greetings, some brief music, 2158 ID, music, off 2200. 5790 was inaudible and 7360 was only a carrier here. (Taylor – WI)
- 9610 **AUSTRIA Adventist World Radio** , Moosbrunn, in listed Dyula 06.27.2020 \*1959:47"-2022 s/ on, IS, woman: " This is Adventist World Radio...." and announcement in English, into program in Dyula, man announcement above music, woman talk, some bird chirping mixed w/ slow music (S.9+40 of peak) (Serra,Roma,Italy)
- 9610 **AUSTRIA Adventist World Radio** – Moosbrunn (P), 2015, 6/15/20 in Dyula. Indigenous song into man talking at some length. Poor – fair. (Taylor – WI)
- 9650 **GUINEA Radio Guinee**, Conakry, in French 06.27.2020 0723-0751 man long speech (no much clear, till 0730:26"), slow choral chant w/ instrumental music, man announcement, continuing same chant, brief hallelujah chant,

- woman / man announcements in turns, w/one rooster chant and IDs twice by man (Radio Guinee,almost fair/poor at times (mostly when fading) (Serra,Roma,Italy)
- 9665 BRAZIL Radio Voz Missionaria**, Camboriu SC, in Portuguese 06.01.2020 1931-1959 non stop slow pop songs and chants, man brief unclear announcement at 1937, continuing music program w/ slow chants; man / woman talk in turns above slow piano music (Serra,Roma,Italy)
- 9685 TAIWAN Nippon no Kaze** clandestine in KK July 3, 2020, 1518 – 1525. SIO 444. Clandestine to North Korea. YL announcer , MX, OM vocalist with ballad. More MX with YL voice-over monologue. (Henley, WA)
- 9690 SPAIN REE**, 6-13-20, 2144. Two men with rapid fire play by play of "futball". Very good. (Cichorek-NJ)
- 9695 ALASKA KNLS**, Anchor Point, 0942-0945. Talk in Russian by a man and a woman. Music at 0944. Weak signal with some peaks up to moderate strength in very heavy noise. 6/26/2020 (Evans - TN)
- 9700 VATICAN Radio Veritas Asia** – Santa Maria di Galeria, 0017-0028\* Jun 17, woman announcer speaking in the listed Kachin language followed by a man. After a short interval of instrumental music a woman spoke with station ID followed by male vocal selection. A man announcer with closing announcements over instrumental music before the carrier was terminated. Fair. (D'Angelo-PA)
- 9720 OPPOSITION Dmtse Radio Erena** – Kostnibord, BULGARIA (P), 1723, 6/25/20 in Tigrina. Man interviewing a man with announcer continuing. Poor. (Taylor – WI)
- 9760 ALASKA KNLS** religious station in CC. July 1, 2020, 1536 – 1545. SIO 444. Hymn with mixed choir. OM announcer. Radio drama with OM actors, possibly a biblical tale. Moderate QRN / QSB. Listed target is FE. YL announcer with homily follows. (Henley, WA)
- 9795 ALASKA KNLS** – Anchor Point, 1227, 6/15/20 in English. Man with religious message, musical bridge to ID sequence including www address for frequencies, news about Contemporary Christian Music world. Fair. (Taylor – WI)
- 9830 TURKEY Voice of Turkey**, 22:50 GMT, June 1, SIO 545, English program: with Turkish music. ID at 22:50, "this is the voice of Turkey" Sign off at 22:55. Strong signal, slight fading. (Fredette-ON)
- 9840 VIETNAM Voice of Vietnam** via Son Tay – 6/24 1142 noted with commentary on women's services in English; SIO 333. (Bueneman-MO/SSDX)
- 9875 GUAM. KSDA** – Agat (P), 1230, 6/15/20 in Cantonese. Program of music with a woman announcer. Poor. (Taylor – WI)
- 9900 GERMANY Mighty KBC Radio** 0015-0140 unusual frequency; Beach Boys "Cherry Cherry Coupe" and "Don't Worry Baby," Patsy Labelle & the Bluebelles with interesting version of "Cool Water," Jimmy Buffett "Sea of Heartbreak," more; very good 6/28 (Prodan-ME)
- 9920 PHILIPPINES FEBC** – Iba (P), 1255, 6/28/20 in Jarai. Man finishing talk / sermon, woman with ID, music, 1301 Woman with ID and beginning program in Koho. Poor – fair. (Taylor – Lake Farm Park, WI)
- 9920 PHILIPPINES FEBC** – Iba (P), 1234, 6/15/20 in Assamese. Man talking at some length (probably a sermon.) Poor – fair. (Taylor – WI)

- 9925 **GERMANY *The Mighty KBC*** via Nauen – 6/14 0104 noted with pop/rock Oldies, “The Mighty KBC” ID in English; SIO 555. (Bueneman-MO/WSDX)
- 9925 **GERMANY *Mighty KBC Radio*** 0107-59 back on regular frequency; Johnny Holliday (the French Elvis), then 0111 The Fabulous Thunderbirds “Wrap It Up,” later a Reggae classic “Rivers of Babylon”; good 7/5 (Prodan-ME)
- 9939 **ESWATINI *TWR Africa***, Manzini / Mpangela Ranch, in listed Lingala 06.05.2020 1958-2005\* man sermon (ment. Zambia, Israel, Babilon, Angola, Ysaya, Ezekiele), w/ two brief lively pop musical breaks (Serra,Roma,Italy)
- 9940 **OPPOSITION *Nippon no Kaze*** – Tanshui, TAIWAN (P), 1302, 6/28/20 in Korean. Woman speaking slowly, 2<sup>nd</sup> woman speaking at more typical pace, then back to 1<sup>st</sup> woman. Poor – fair. (Taylor – Lake Farm Park, WI)
- 9985 **TAIWAN *Radio Taiwan Int’l*** via Paochung – 6/24 1145 noted with commentary in Chinese over music; SIO 434. (Bueneman-MO/SSDX)
- 11530 **CLANDESTINE *Radyo Denge Welat*** via Issoudun - France, in Kurdish 06.23.2020 1737-1807 some men long talk in turns w/ monotone intonation (ment. Iran, Irak, Kurdistan, virusa, koronaye, Tirkiye, etc. (Serra, Roma, Italy)
- 11570 **KUWAIT *Radio Free Asia*** via Umm al-Rimam – 6/14 1240 noted with commentary in Tibetan; SIO 333. (Bueneman-MO/SSDX)
- 11600 **CLANDESTINE *Sound of Hope*** – 6/24 1243 noted with discussion in Chinese; SIO 323. (Bueneman-MO/SSDX)
- 11610 **CHINA *China Radio Int’l*** in Bengali. July 4, 2020, 1435 – 1445. SIO 333. MX, YL announcer. Pleasant instrumental MX. Listed target is South Asia. Heavy QRN, moderate QSB. Listenable. (Henley, WA)
- 11650 **MADAGASCAR *Radio Tamazuj*** – Talata, 0426-0430\* Jun 16, man and woman announcers talking in the listed Juba Arabic language. Another woman announcer with station ID and closing announcements followed by another station ID. Good signal. (D’Angelo-PA)
- 11650 **MADAGASCAR *Radio Dabanga*** – Talata, \*0430-0457\* Jun 16, instrumental music opening followed by several station IDs by a man announcer. Another man announcer with opening announcements in the listed Darfur Arabic language followed by a series of talks and discussions. Program closed with a man doing a singing station ID before carrier was terminated. Good signal. (D’Angelo-PA)
- 11690 **CHINA *Radio China Int’l***, 16:39 GMT, June 1, SIO 222, French program: Man and woman speaking. Hard to make out what they are saying. Barely above atmospheric noise level. (Fredette-ON)
- 11695 **SINGAPORE *NHK World-Radio Japan*** relay – 6/24 1101 noted with news in English; SIO 323. (Bueneman-MO/SSDX)
- 11710 **NORTH KOREA *Voice of Korea*** via Kujang – 6/24 1246 noted with commentary in Korean into North Korean national anthem; SIO 434. (Bueneman-MO/SSDX)
- 11735 **NORTH KOREA *Voice of Korea*** via Kujang – 6/24 1106 noted with choral music and commentary in French; SIO 333. (Bueneman-MO/SSDX)
- 11745 **SAUDI ARABIA *Al-Azm Radio*** via Jeddah (presumed), 2240-2300\* Jun 25, tuned in to continuous Arabic language vocals by a male singer. They closed without any announcements at top of the hour. Poor to fair. (D’Angelo-PA)

- 11745 **CLANDESTINE Al-Azm Radio** via Riyadh, Saudi Arabia – 6/14 0108 noted with Holy Qu’ran program in Arabic; SIO 323. (Bueneman-MO/WSDX)
- 11750 **AUSTRALIA Reach Beyond Australia** via Kununurra – 6/24 1250 noted with Christian teaching program in English. SIO 323 with ACI from Radio Havana Cuba on 11760 kHz. (Bueneman-MO/SSDX)
- 11750 **AUSTRALIA Reach Beyond Australia** – Kununurra, 1257, 6/27/20 in Bengali. Man, woman who talks briefly then gives a postal address in India, ID, South Asian music, off. Poor. (Taylor – WI)
- 11750 **AUSTRALIA Reach Beyond Australia** – Kununurra (P), 1241, 6/15/20 in Hindi. Program of South Asian music with woman announcer. Poor. (Taylor – WI)
- 11770 **NIGERIA Voice of Nigeria**, 1953-2016 Jun 27, man announcer with long talk in the listed Fulfulde language. Tribal vocals at 1959 ending prgram. Opened Hausa language program at 2000 with another man announcer with station ID and news. Good signal. (D’Angelo-PA)
- 11780 **BRAZIL Radio Nacional da Amazônia** ZYE365 Brasilia, D.F. – 6/13 2343 noted with contemporary music and jingle in Portuguese; SIO 555. (Bueneman-MO/WSDX)
- 11780 **BRAZIL RNA** 11780, July 8 at 2352, RNA is S7/S9+5 but seriously supported. // 6180 not distorted and about as strong but noisier (Glenn Hauser, OK,)
- 11810 **ENGLAND BBC World Service** – Woofferton, 2153-2159\* Jun 15, two men in an English language discussion before a woman announcer gave station ID and closing announcements before cutting the carrier. Poor to fair. (D’Angelo-PA)
- 11810 **GERMANY Voice of America**– Nauen (P), 1904, 6/25/20 in Tigrina. Man announcer, interview with street sounds, Woman then man with correspondent report on the Coronavirus outbreak in the U.S. with mention of the states where there is a surge of cases, many mentions of “United States,” with outro ID. Poor. (Taylor – WI)
- 11815 **JAPAN Radio Japan** via Yamato – 6/24 1108 noted with commentary and discussion in Japanese. SIO 33 over Radio Brasil Central. (Bueneman-MO/SSDX)
- 11815 **BRAZIL Radio Brasil Central** ZYE440 Goiânia, Goiás – 6/13 2345 noted with pop music and ID in Portuguese; SIO 323. (Bueneman-MO/WSDX)
- 11815 **JAPAN NHK Radio Japan** in JJ. July 2, 2020, 1431 – 1441. SIO 444. YL announcers in conversation. Long dialogue. Moderate QRN / QSB. Listed target is SEA. (Henley, WA)
- 11820 **BSKSA Radio Saudi**, 6-13-20, 2148. Holy Quran recitation. Good signal ith slight fade. (Cichorek-NJ)
- 11820 **SAUDI ARABIA Radio Saudi**, 22:41 GMT, June 1, SIO 555, Man singing religious song. Excellent signal, little fading. (Fredette-ON)
- 11825 **MADAGASCAR African Pathways Radio** (World Christian Broadcasting) – Mahajanga, 0431-0458\* Jun 19, the Englihs service with the Story of Noah by a man announcer. Nice station ID “Thank you for listening to African Pathways Radio”. He also provided frequency and time schedule. Closed with a male vocal selection. Good signal. (D’Angelo-PA)
- 11860 **CLANDESTINE Radio Sana’a** via Riyadh, Saudi Arabia – 6/14 0112 noted with Holy Qu’ran program in Arabic; SIO 333. (Bueneman-MO/WSDX)

- 11900 **VATICAN *Voice of America*** – St. Maria Galeria (P), 2150, 6/25/20 in Bambara. Man giving a speech into 2 other men talking. Fair. // 9490 via Ascension Island, Poor. (Taylor – WI)
- 11940 **SPAIN *Radio Exterior De Espana***, 22:42 GMT, June 1, SIO 545, French and Spanish cultural program. Discussion of impact of uniformity of technology. Excellent signal.
- 11945 **AUSTRALIA *Reach Beyond Australia*** – Kununurra (P), 1248, 6/15/20 in Orissa. Man with a sermon – like talk then begins to talk with a second man. Poor – fair. (Taylor – WI)
- 11965 **GUAM *KTWR***, Agana, 1007-1012. Talk in Madurese by a man. Moderate strength signal with frequent deep fades down to noise level. 6/26/2020 (Evans - TN)
- 12020 **CHAD [non] *Radio Ndarason Int'l*** 12050, July 10 at 0619, fluttery French at S4-S7. Aoki shows R. Ndarason International in Kanuri via Woofferton UK at 0600-0700; but EiBi is more detailed with a French segment at 0615-0625 (Glenn Hauser, OK,)
- 12035 **THAILAND *Voice of America Deewa Radio*** in Pashto. July 2, 2020, 1425 – 1430. SIO 333. Listed target is Afghanistan. OM announcers and interviewees in Pashto. Multiple OMs in conversation. Moderate QRN / QSB. (Henley, WA)
- 12035 **THAILAND *Deewa Radio*** (Voice of America) – Udon Thani (P), 1334, 6/28/20 in Pashto. Woman and man alternating with short sections each. Fair. (Taylor – Lake Farm Park, WI)
- 12080 **PHILIPPINES *Voice of America*** relay Tinang – 6/24 1252 noted with news analysis in Korean; SIO 444. (Bueneman-MO/SSDX)
- 12080 **PHILIPPINES *Voice of America*** via Tinang and // 12045 from Udon Thani, THAILAND, both in KK. July 2, 2020, 1415 – 1425. SIO 555. News / commentary, clips of President Trump in EE. YL announcers in KK. Listed target is FE. Various COVID news clips in EE. Speculation on the relationship between the USA and North Korea, and any contact, either official or unofficial. (Henley, WA)
- 12095 **PHILIPPINES *FEBC*** – Bocaue (P), 1339, 6/28/20 in Khmu. Woman and man announcers alternating in quick sections. Poor. (Taylor – Lake Farm Park, WI)
- 12120 **PHILIPPINES *Radyo Pilipinas***, Tinang, in Tagalog 06.03.2020 1849-1905 woman host talk (ment. Manila) and interviewing a woman and then a man, both w/ long talking; better in ssb, ceaseless rapid qsb, strong qrn statics, almost fair/poor (Serra,Roma,Italy)
- 13215 **FRANCE *Deutsche Welle*** - Issoudun, 1358, 6/28/20 in Hausa. Man announcer, musical bridge to ID, fill music, off. Poor – fair. (Taylor – Lake Farm Park, WI)
- 13575 **CHINA *China Radio Int'l*** – Urumqi (P), 1251, 6/25/20 in Russian. Program of music with a man announcer. Fair. // 13600, X'ian. Poor – fair. (Taylor – WI)
- 13590 **IRAN *VoIRI*** – Zahedan (P), 1302, 6/15/20 in Arabic. Man speaking with likely audio from Iranian TV channel. (Taylor – WI)
- 13670 **MADAGASCAR, *World Christian broadcast***, African Pathways radio, 18:44 GMT, May 23, SIO 444, English program: Story about Nero of Rome persecuting

- Christians and execution of Mark the evangelist, followed by African folk music, good signal, very clean. (Fredette-ON)
- 13685 MALI *China radio Int'l***, 18:47 GMT, May 23, SIO 333, Arabic program: Man talking **followed** by Middle Eastern music, good signal, slight fading. (Fredette-ON)
- 13700 CHINA *China Radio Int'l*** – Urumqi (P), 1814, 6/25/20 in Amoy. Woman announcer with bamboo flute music. Poor – fair. (Taylor – WI)
- 13730 MADAGASCAR *NHK World radio Japan***, 17:39 GMT, June 4, SIO 434, English news, re politics. Mayan site discovered by new type of radar technology. World weather in India. After English news switch to Swahili program with folk music. Good signal some fading. (Fredette-ON)
- 13760 CHINA *Radio china Int'l***, 18:50 GMT, May 23, SIO 222, English program: Man and **woman speaking**, Made out it was English but hard to follow the conversation. Fair to poor signal, barely above the static. (Fredette-ON)
- 13775 FRANCE *Deutsche Welle*** – Issoudun (P), 1637, 6/15/20 in Amharic. Man and woman until fade out about 1645. (Taylor – WI)
- 13790 NORTHERN MARIANA ISLANDS *Radio Free Asia*** 13790.049, July 10 at 0622, S7-S9 of Chinese, and the SSOB at this later hour when there might be nothing this high except in midsummer. RFA via SAIPAN is scheduled, and although there is of course ChiCom jamming as well, this off-frequency signal only points to really Saipan (Glenn Hauser, OK,)
- 13840 NEW ZEALAND *Radio New Zealand Pacific*** via Rangitaiki – 6/13 2340 noted with interview in English; SIO 333. (Bueneman-MO/WSDX)
- 13920 CHINA *CNR 1*** jammer, 1257, 6/25/20. Woman with likely news including a soundbite of a man translating a section into Mandarin. Target of Sound of Hope (SoH) via Taiwan was not heard. Fair. // 13580 vs Radio Free Asia, Tajikistan – unheard. Fair. (Taylor – WI)
- 15000 HAWAII *WWVH*** Kekaha, Kauai – 6/14 0021 noted with time signals, UTC time check in English. SIO 444 with no sign of WWV. (Bueneman-MO/WSDX)
- 15130 PHILIPPINES *Voice of America***, 13:08 GMT, June 4, SIO 333, Chinese program, man and woman speaking, good reception, little fading. (Fredette-ON)
- 15165 THAILAND *Voice of America***, 13:10 GMT, June 4, SIO 444, Chinese program, Man talking with musical interlude, good reception, mild fading. (Fredette-ON)
- 15245 NORTH KOREA *Voice of Korea*** – Kujang, 1400, 6/28/20 in French. IS, ID, DPRK national anthem, ID, into “news.” Weak and clear. (Taylor – Lake Farm Park, WI)
- 15275 TAJIKISTAN *Radio Free Asia***, 13:13 GMT, June4, SIO 444, Tibetan program: Man speaking alone with pop music, good signal mild fading. (Fredette-ON)
- 15310 UNITED KINGDOM *Radio Liberty*** – Wooferton (P), 1402, 6/28/20 in Uzbek. Woman with likely news, stinger, ID into a man briefly then longer section with a woman announcer. Fair. (Taylor – Lake Farm Park, WI)
- 15370 CUBA *RHC***, 6-13-20, 2153. Man in Spanish on the phone during an interview with a female caller. Fair with poor modulation. (Cichorek-NJ)
- 15575 KOREA, SOUTH *KBS World Radio*** propagating nicely for their North America Service 1300-1400 UTC. They begin with a 10 minute Newscast then their Korea 24 more in depth news program on weekdays. VeryGood to Excellent reception the week of June 16th (Delmage, AB)

- 15575 **SOUTH KOREA KBS World Radio**, 13:18 GMT, June4, SIO 433, English news program, News on covid 19 and on a local murder. ID at 13:20. Tapes of USA protests re George Floyd and updates on the protests. Good signal, moderate fading. (Fredette-ON)
- 15580 **BOTSWANA Voice of America**, 14:37 GMT, May 19, SIO 444, English program: How Corona virus has reduced money for wildlife sanctuaries due to lack of tourism. Story on black rhino poachers in Africa. Good signal, clear with minor fading. (Fredette-ON)
- 15590 **CHINA Radio China Int'l**, 13:25 GMT, June4, SIO 333, English program: Man and woman talking about poetry with melodic guitar music in the background. Good to fair signal. Mild to moderate fading. (Fredette-ON)
- 15590 **CHINA Radio China Int'l** via Urumqi – 6/24 1236 noted with Chinese language lessons and English translations; SIO 333. (Bueneman-MO/SSDX)
- 15590 **THAILAND Radio Thailand Int'l** via Udon Thani – 6/14 0026 noted with commentary in English; SIO 323. (Bueneman-MO/WSDX)
- 15620 **PHILIPPINES FEBC** – Bocaue (P), 1414, 6/28/20 in Javanese. Man with a slow, explanatory pace. Poor – fair. (Taylor – Lake Farm Park, WI)
- 17490 **CHINA Radio China Int'l**, 12:57 GMT, May 31, SIO 211, English program: man and woman talking. Hard to understand. Barely above the noise level. (Fredette-ON)
- 17660 **MADAGASCAR Radio France Int'l**, 12:43 GMT, May 31, SIO 444, French news on Burundi and Somalia. Man reading news about a kidnapping in Somalia where the aid workers were killed. News on Corona virus in Africa. Political news on Morocco and on riots in USA. Good signal, slight fading. (Fredette-ON)
- 17690 **TAJIKISTAN Radio free Asia**, 12:58 GMT, June 4, SIO 323, Tibetan program, Man and woman speaking with musical interlude. Fair signal, cut off at 13:00. (Fredette-ON)
- 17700 **TURKEY Voice of Turkey** – Emirler (P), 1409, 6/28/20 in Arabic. End of Turkish song with man announcer continuing. Fair. (Taylor – Lake Farm Park, WI)
- 17880 **THAILAND Radio Liberty** – Udon Thani (P), 1419, 6/28/20 in Dari. Man announcer briefly into a longer section by a woman announcer. Fair. (Taylor – Lake Farm Park, WI)\
- 17895 **SAUDI ARABIA BSKSA** – Holy Qu'ran service – Riyadh (P), 1423, 6/28/20 in Arabic. Nice clear Qur'an chant. (Taylor – Lake Farm Park, WI)

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!





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<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, June 21, 2020 -- This time, under "DX History/Equipment & Advertising," **Spec Sheets IV**, you will find our final group of data sheets on some old-timey shortwave accessories, specifically the Gilfer A-20 {PreSelector (1972); the Autek QF-1 Audio Filter (1976); the Mosley SWL-7 Antenna; the Mosley SWV-7 Vertical Antenna (1970); the Palomar Loop Antenna; and Marantz Portable Cassette Tape Recorders. -- And under "Specialized Resources/Wavescan," Adrian Peterson has sent this new entry: "The Mediumwave and FM Radio Scene in South Pacific Vanuatu," Wavescan N590, June 14, 2020.


<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, June 28, 2020 -- Under "DX History/Stations," we have posted a nice-looking item from AFRTS station KCMB, 1520 kHz., in Subic Bay, the Philippines, 1954-55. It has pictures of the personnel, and a photo of the control desk. It looks like this may have been originally a printed poster, of which someone took a glossy photo (8" x 8-3/4"). And there are two program schedules, one from November-December 1954, the other from July 1955. The station started showing up in the World Radio Handbook in 1956. -- And under "Specialized Resources/The DX Recordings of Colin Miller," we have posted a recording of the Burma Broadcasting Service made during the month of December sometime in the 1970s. The English ID is at :29. Thanks, Colin.

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, July 5, 2020 -- Anyone remember the days when shortwave stations were actually interested in helping their listeners get the most out of their equipment? Under "DX History/Equipment & Advertising," we have posted two antenna brochures from those days, one called "Give Your Antenna Some Air," from Radio Nederland, believed from 1959 or later; and "Aerials for Short-Wave Reception," from the BBC, 1967. - - And under "Specialized Resources/Wavescan," Adrian Peterson favors us with three new entries: (1) "Another Look at the Shortwave Scene in Paraguay, South America" (Wavescan N591, June 21, 2020); (2) "The Radio Story: Quarantined on a Lonely Island—Socotra, the Island of Strange Trees" (Wavescan N592, June 28, 2020); and (3) "The Radio Story: Quarantined on a Lonely Island—Gough, the Island of Super Mice" (Wavescan N592, June 28, 2020).

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, July 12, 2020 -- Under "DX History/QSLs & Other Station Memorabilia," we have posted a file, **Trinkets-XII**, containing items from stations in the U.S. or U.S.-related (plus a couple of others from radio companies and the Saturday Evening Post). They are: (1) a medal of a Norman Rockwell cover from the May 20, 1922 issue of the Saturday Evening Post; (2) a pin from the Pilot Radio and Tube Corp.; (3) an E. H. Scott Radio Laboratories Award of Merit pin, showing the Scott "Stradivarius of Radio"

violin; (4) a visitor pin from KFNF, Shenandoah, Iowa; (5) a WMAQ (Chicago) Topsy Turvy Time Club "Tell the Truth" pin; (6) an Army Broadcasting Service pin; (7) an American Forces Korea Network pin; (8) a medal for Radio of Free Asia, a mid-1960s relative of today's Radio Free Asia (see Adrian Peterson's *Wavescan* N193, November 4, 2012); (9) a pin from the modern-day Radio Free Asia (Winter Olympics 2006); and (10) a medal from Treasure Island, 1939 World's Fair, San Francisco, home of W6XBE (later KGEI). -- And from Adrian Peterson, in "Specialized Resources/*Wavescan*," we offer "Two or Three Clandestine Radio Stations in Vanuatu" (*Wavescan* N593, July 12, 2020).

**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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