

The NAWA Journal

VOLUME LXI NUMBER 9

SEPTEMBER 2021

QSL Certificado de sintonía
País: Estados Unidos

Radio Educación
XEPPM, Onda Corta
SW: 6185 Khz, México, D.F.
México

Su informe de recepción
Usted escuchó en esa fecha
Radio Educación.
Su reporte coincide con nuestros registros.
Continúe escuchándonos:
nuestra programación es su mejor compañía.

[Signature]
Lic. Virginia Bello Méndez
Directora General



Cultura con Imaginación

RADIO EDUCACION

DESDE MEXICO
UN SALUDO PARA EL
MUNDO

Radio Educación

QSL

Certificado de Sintonía

Su informe de recepción
del 26 de Octubre de 1996 es correcto.

Usted escuchó en esa fecha Radio Educación,
ya que su reporte coincide con nuestros registros.

Continúe escuchándonos.

Nuestra programación es su mejor compañía.

RADIO EDUCACION
Cultura con imaginación

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Shortwave Receivers Past & Present 1942-2013

Fourth Edition By Fred Osterman

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#0004 ~~\$49.95~~ Sale! **\$39.95**



World Radio TV Handbook

2021 - 75th Anniversary Edition

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 interesting articles, maps and radio reviews.

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Pirate Radio

Includes an audio CD!

Here is the incredible saga of America's underground, illegal broadcasters. From early pirate broadcasting to current times. It's all here. 326 p. Includes an audio CD with segments from some of the most famous, infamous and notorious pirates.

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Third Edition By J. Zondio

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2021-2022 Edition

Simply the best guide to non-broadcast stations. Nearly 10,000 frequencies 0-30 MHz for CW, SSB, AM, RTTY and FAX. Fully updated every two years. 31st Edition ©December 2020. 650 pages.

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Listening to Longwave

Your introduction to the fascinating *basement band* of the radio spectrum. Includes: who is on the air, LW reception equipment, listening tips, sounds of nature: Whistlers, Tweaks, Dawn Chorus and other radio atmospheric, navigation beacons, time stations, broadcasters, NAVTEX and Lower band.

#0024 ~~\$6.95~~ **\$6.95**



Joe Carr's Loop Antenna Handbook

By Joe Carr

Here is a comprehensive, but readable guide to understanding and building loops for longwave, medium wave, shortwave and VHF. Loop antennas can be very effective, even if you have limited space and a tight budget.

#0016 ~~\$19.95~~ **\$19.95**



Worldwide Listening Guide

By John Fglizzi

This book covers all of today's formats: live on-demand, podcast, satellite, internet, digital, analog, AM, FM, shortwave and wi-fi. Learn what can be heard how, where and when! Spiral bound 9th Ed. 192 pages. ©2019. List \$29.95.

#1044 ~~\$29.95~~ **\$29.95**



Buying a Used Shortwave Receiver

By Fred Osterman

This affordable market guide features the top 100 most sought after portables and tabletops produced in the last 20 years. Photo, specs, features, ratings, plus new and used values for each. Fourth Ed. ©1998 URR. 78 pages.

#0444 ~~\$5.95~~ **\$5.95**



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NASA Notes

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

From Jerry Berg we learn of the passing of Wolf Harranth (1941 – 2021) who died on Tuesday, August 3, 2021 after a short and serious illness. Wolf was an Austrian children's book author, translator and journalist who also worked as a radio actor in his childhood. Then he began to work at the Jungbrunnen publishing house, where he not only became a lecturer, but ultimately also managing director. In addition, he was active in the ORF from the 1970s and Radio Austria International (ROI). Wolf worked at Radio Österreich International - from "Kurzwellenpanorama", "the programme for shortwave listeners". Later it was called "Medienpanorama" (Media Panorama), finally "Intermedia" - all of them a must for shortwave listeners and radio amateurs, because the programs not only gave a good overview of shortwave events and were always up to date, but because Wolf also offered a lot of thoughtful material - in his own critical but pleasantly communicative way. Wolf was also the founder of the non-profit Viennese documentation archive for research into the history of radio and electronic media - Internationales Kuratorium QSL Collection - abbreviated Dokufunk-Archiv. What started as a QSL card collection is now a considerable archive on the history of radio and the amateur radio service, with many contemporary historical documents. The archive now holds about six million items, including 1500 bequests, making it "the world's largest institution with archival records and collections of any kind on the history of radio, with a focus on broadcasting and amateur radio." The holdings are accessible free of charge and are constantly being added to. Wolf was also

very involved in radio amateur and achieved great successes in this area. This demanded a lot from him, but also gave him a lot of joy all the way. This hobby allowed him to get far more around the world and among the people than anyone could ever be able to do in the traditional way. From all these fields of activity, Wolf gathered friends who now mourn him as a close person. Wolf passed away shortly before his 80th birthday.

This month's cover is dedicated to the last of the Mexican shortwave broadcast stations, Radio Educación in Mexico City. Our cover, as always prepared by John Herkimer, features several QSL verification cards, a pennant, stickers and postage stamps. When a QSL arrived from Radio Educación it was in a goodie bag filled with interesting stuff. These guys are still heard on 6,185 kHz during North American evenings when darkness enables reception. Check Listeners Notebook for broadcast schedule information and the latest updates about shortwave broadcasting from Mexico's Radio Educación.

The World Radio Television Handbook ("WRTH") Editorial Team recently announced that the WRTH A21 schedules update file was now available for download at no cost from: www.wrth.com. This file is a PDF and contains recent updates to the A21 broadcasting schedules that were released earlier in the year (that file is also available, for free, on their website). The editorial team hopes readers find this to be a useful accompaniment to the main A21 schedules file, and to the printed WRTH 2021 volume. Many of the updates appear in this month's Listeners Notebook.


This month's Shortwave Center, edited by John Figliozzi, features some good stories from Adrian Peterson's Diary with All India Radio – Leh's 50th Anniversary and the radio scene on the world's most isolated island: Bouvet in the South Atlantic leading the way. Also, there is news about the National Association of Shortwave Broadcasters canceled conference, Radio Prague International and the DRM Consortium responding the European Broadcasting Union. Good stuff!



A.J. Janacheck of Radio Free Asia ("RFA") informs us of RFA's 25th anniversary QSL. RFA first broadcast was in Mandarin on September 29, 1996 at 2100 UTC. RFA is a private, nonprofit corporation broadcasting news and information to listeners in Asian countries where full, accurate, and timely news reports are unavailable. Acting as a substitute for indigenous free media, RFA concentrates coverage on events occurring in and/or affecting Cambodia, Laos, Myanmar, North Korea, the People's Republic of China, and Vietnam. This is RFA's 77th QSL and used to confirm all valid RFA reception reports from September – December 2021. RFA encourages listeners to submit reception

reports. Reception reports are valuable to RFA as they help us evaluate the signal strength and quality of our transmissions. RFA confirms all accurate reception reports by mailing a QSL card to the listener. RFA welcomes all reception report submissions at <http://techweb.rfa.org> (follow the QSL REPORTS link) not only from DX'ers, but also from our general listening audience. Reception reports are also accepted by email at qsl@rfa.org and by mail to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036.

Cap'n Ric (texasradiosw@gmail.com) reminds us that club members can still catch Texas Shortwave Radio's special September broadcast. Although it is really nothing more than a shout-out and the club's email address in the program introduction they will be offer a special eQSLs to club members who identify themselves in their reception reports. The program will be aired by WRMI and WBCQ. There are two transmission that should be reasonable to log in North America. The first will be on September 5 at 0100 UTC on WRMI using 5,960 kHz with TRSW Prime: Austin City Limits Live (NASWA Greeting). This program is repeated on WRMI weekly until replaced by the next month's program. It may also be aired on different frequencies and dates at WRMI's discretion. The second is on September 26 at 0200 UTC on WBCQ using 6,160 kHz again with TRSW Prime: Austin City Limits Live (NASWA Greeting). Good luck logging and reporting this special program to Cap'n Ric!

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

Unity and Friendship

Musings

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

Please e-mail your Musings, preferably as MS Word attachments, to jalinebk@gmail.com or mail to Jerry Lineback, 4422 Sierra Del Sol, Paradise, CA 95969-8116. Please note that the deadline for contributions to the October issue is September 28, 2021.

Eric Bueneman, 631 Coachway Lane, Hazelwood, MO 63042-1347

During May, June and July, I made three more DXpeditions. On the evening of May 29 (UTC May 29-30), I returned to James S. McDonnell Park near Saint Ann, MO for my 19 th DXpedition. This was the site of my seventh DXpedition in October 2019. I set up in the same place as the previous DXpedition: a roundabout across from the McDonnell Shelter, the site of the Saint Louis and Suburban Radio Club's Field Day operation the following month. Temperatures were around 80 degrees Fahrenheit (27 degrees Celsius), dropping into the upper 70s Fahrenheit around sunset. I brought the Tecsun PL-600 for shortwave DX; this time, I brought the MFJ-1022 active antenna. I started monitoring around 2315 UTC, wrapping up around 0050 UTC. AM (MW) broadcast band reception conditions favored the Midwest before Midnight UTC; stations from the Mid-South made it in after Midnight UTC. All continents were heard on shortwave except Africa. WWVH from Hawaii was taking out WWV with a fair signal around 2326 UTC on 15 MHz. It seems that WWVH takes out WWV on 15 MHz in the local late afternoon/early evening hours in the Saint Louis area. Radio Japan via Yamato was heard with traditional Japanese music and brief comment in Burmese with a good to fair signal at 2338 TC. United States Air Force MARS operators were heard with a net on 4875 kHz USB at 0004 UTC with a fair signal. The Mighty KBC boomed in like a local MW station on 9925 kHz from Nauen with pop/rock Oldies and an ID at 0033 UTC. The only pirate I noted on the DXpedition was Wolverine Radio on 6950 kHz USB with a good signal at 0041 UTC; rock Oldies were being played with a quick "Wolverine Radio" ID. Two aviation weather stations were logged on this DXpedition: Shannon VOLMET on 5505 kHz USB at 2358 UTC with a fair to poor signal, and CHR from the Canadian Forces Base in Trenton, ON on 6754 kHz USB with a good signal.

On June 23 (UTC June 23-24), I returned to the park where my DXpeditions began: Babler state Park in Wildwood, MO. Temperatures were in the mid-80s Fahrenheit, dropping into the low 80s Fahrenheit before sunset. For the 20 th DXpedition, I set up on a picnic table in the Cochran Picnic Area, one of the highest points in the park. The Tecsun PL-600 and MFJ-1022 came along for the trip once again. Monitoring began around 2130 UTC, wrapping up around 0115 UTC. Every continent was heard on shortwave on this DXpedition. Radio New Zealand Pacific was heard on 13840 kHz with a good to fair signal at 2144 UTC with an interview with New Zealand transgender activist Georgina Beyer. Madagascar World Voice was heard on 11610 kHz with a good to fair signal at 2152 UTC; Christian teaching in Chinese was heard. Radio Exterior de España was heard with a very good signal on 17855 kHz with

commentary in Spanish at 2315 UTC. Two minutes later, I tuned to Radio Japan on 13650 kHz to hear traditional Japanese music, but no changeover at 2320 UTC from the Thai to the Vietnamese language. WBCQ was noted on 6160 kHz at 0008 with Classic Rock music and commentary on the music; adjacent channel interference was received from Radio Havana Cuba on 6165 kHz. Brazil was heard on 4885 kHz with a fair to poor signal at 0020 UTC, 11780 kHz booming in like a local MW station at 0058 UTC and 11815 kHz with a fair to poor signal at 0102 UTC. Aviation weather broadcasts were heard from CHR at CFB Trenton, ON on 15034 kHz USB with a good signal at 2136 UTC and Gander VOLMET on 10051 kHz USB at 2157 UTC. United States Coast Guard station NMN Chesapeake, VA was heard with the marine forecast for the North Atlantic and Caribbean on 8764 kHz USB at 2201 UTC with an excellent signal. AM (MW) broadcast band conditions favored the Midwest before Midnight UTC, with stations from the mid-South making it in just before sunset around 0130 UTC.

I had planned to set up my listening post at Saint Stanislaus Conservation Area for DXpedition #21; however, flooding caused by heavy rains in late June forced me to shift the DXpedition of July 2 (UTC July 2-3) to Harry S. Truman Park in Hazelwood, MO. Temperatures were in the lower 80s Fahrenheit, dropping to around 80 Fahrenheit (27 degrees Celsius) after sunset. Operated by Hazelwood Parks and Recreation; it was originally planned as a Saint Louis County Park in the late 1970s; the area was annexed by the City of Hazelwood in 1981. The park is named in memory of Missouri native Harry S. Truman, the 33rd President of the United States, who served from 1945 to 1953. I set up my listening post on two adjoining picnic tables. Again, I brought my PL-600 and MFJ-1022. I started monitoring around 2350 UTC, wrapping up around 0240 UTC. All continents except Asia were heard on shortwave. Radio Mali was heard on 5995 kHz with a fair signal at 2355 UTC with commentary in French. Radio New Zealand Pacific was heard on 13840 kHz with a fair signal at 0018 UTC with light pop music and talk on the music in English. WBCQ was heard on 6160 kHz at 0106 UTC with talk on the American Revolution in English at 0106 UTC. A good to fair signal was heard with adjacent channel interference from Radio Havana Cuba on 6165 kHz. Radio Voz Missionaria from Brazil was heard on 9665 kHz with a fair signal at 0137 UTC with Christian teaching in Portuguese. The Voice of Turkey was heard on 9870 kHz with a fair signal at 0139 UTC with commentary in Spanish into Middle Eastern music. Radio Romania International in Spanish was noted on two frequencies: 11945 kHz with a good to fair signal at 0214 UTC and 9440 kHz with a fair signal at 0225 UTC, both via the Galbeni site. Clandestine broadcaster Radio Republica (hostile to the Cuban government) was heard via the Issoudun, France site on 9490 kHz at 0218 UTC with a good signal with commentary in Spanish, no Cuban jamming heard. Radio Martí via Greenville, NC was heard on 7365 kHz at 0235 UTC with commentary in Spanish. I noted a very good signal with Cuban jamming. Aviation weather broadcasts were noted from three stations: Gander VOLMET at 2359 UTC on 6604 kHz USB and 0152 UTC on 10051 kHz, both with good signals, CHR from CFB Trenton, ON at 0001 UTC on 6754 kHz USB with a very good signal and Shannon VOLMET on 5505 kHz USB at 0156 UTC with a good to fair signal. AM (MW) conditions favored the Midwest and Mid-South before sunset; stations from Canada, Cuba and Mexico were in on the AM (MW) broadcast band after sunset.

73 and good DX from the Florissant Valley Dial Twister.

Bill Tilford bill1tilford@aol.com Chicago, IL

I was one of 32 attendees who went to the annual Madison/Milwaukee GTG, which was at Mark Taylor's home in Madison, WI, this year. As usual, there was great fellowship at this all-band event, and this was the first time I ever saw the Malahit radio and a somewhat similar (but with key differences) Israeli model in live action. (I now personally own a Belka DX which did not arrive until the Monday after the GTG.) Thanks as always to the organizers of this fun event.

Bill

These pages are open for your contributions.

Listening Review

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Welcome to Listening Review for September 2021.

Special Broadcast: México le canta a las Américas (Mexico Sings to the Americas)

Bill Tilford forwards details of a special broadcast to Mexico, *México le canta a las Américas (Mexico Sings to the Americas)*, on 28 September at 0300-0400UTC on 5800kHz via **WRMI**:

"In honor of the 200th anniversary of the end of the Mexican War of Independence, a special hour of Mexican music hosted by Luis Alejandro Vallebuena with guests Gabriela Ortíz and "Uncle Bill" Tilford will air on WRMI with support from Grupo DX México. It will be in Spanish and directed towards Central and South America, but the back end of the transmission should be listenable in most of

North America and parts of Western Europe and Africa. The music will be a combination of world-famous artists and others probably not known outside of Mexico. There will also be some items regarding history, customs and shortwave in Mexico including a special appearance by a veteran of XERMX."

Texas Radio Shortwave

Cap'n Ric forwards the September/October schedule for Texas Radio Shortwave programs to be aired via WRMI and WBCQ in US, and Channel 292 in Germany:

5 Sep 0000	WRMI	5950	TRSW
Special: Radio Clash relay			
5 Sep 0100	WRMI	5950	TRSW
Prime: Austin City Limits Live (NASWA Greeting) *			
5 Sep 0200	Ch.292	9670	TRSW
Special: Austin City Limits Live (Test for NAM)			
12 Sep 0000	WRMI	5950	
TRSW Special: Radio Merlin relay			
18 Sep 0800	Ch.292	6070	
TRSW Prime: Austin City Limits Live			
18 Sep 1700	Ch.292	3955	
TRSW Prime: Austin City Limits Live			
19 Sep 0000	WRMI	5950	
TRSW Special: Crusin' Radio relay			



26 Sep	0000	WRMI	5950
TRSW Special: Offshore History Radio relay			
26 Sep	0200	WBCQ	6160
TRSW Prime: Austin City Limits Live (NASWA Greeting)			
3 Oct	0000	WRMI	5950
TRSW Special: Radio Monique International relay			
3 Oct	0100	WRMI	5950
TRSW Prime: Janis Joplin Live *			
10 Oct	0000	WRMI	5950
TRSW Special: Radio Blackstone International relay			
16 Oct	0800	Ch.292	6070
TRSW Prime: Janis Joplin Live			
16 Oct	1700	Ch.292	3955
TRSW Prime: Janis Joplin Live			
17 Oct	0000	WRMI	5950
TRSW Special: Charleston Radio International relay			
24 Oct	0000	WRMI	5950
TRSW Special: KR1 (Netherlands) relay			
24 Oct	0200	WBCQ	6160
TRSW Prime: Janis Joplin Live			
31 Oct	0000	WRMI	5950
TRSW Special: Cupid Radio relay			
1 Nov	0200	WRMI	9395
TRSW Encore: Halloween			

* This program is repeated on WRMI weekly until replaced by the next month's program. It may also be aired on different frequencies and dates at WRMI's discretion.

Radio Kuwait Urdu Service

Prof. Dr. Hansjörg Biener, in Germany, forwards a short review of the Urdu service of Radio Kuwait (also posted to Glenn Hauser's WOR iog mail list):

It was noted that Radio Kuwait did not stick to the expected DRM schedule but broadcast in pure AM which resulted in a monitoring project. 1600-1800 UTC: 15540 kHz Urdu, AM instead of DRM (1800-2100UTC: 15540 kHz English not on air). In 2018, I listened to all Urdu broadcasts available on short wave

(Auslandssendungen in Urdu, in: Radio-Kurier 2019,2 (Februar 2019), S. 20-24.). Back then, Radio Kuwait's Urdu service was rarely observed and the multilingual domestic service was not available online. So I embarked on a listening project to add new observations to my file. Listening to several hours of Urdu, I can share these observations:

1) Language (with a view to some voices advocating "pure" Urdu and Hindi respectively): While times and frequencies are given in Urdu, telephone numbers are given in English. At times some English words are thrown in, and even as a non-Urdu speaker you will recognise the topics.

Example 1: "vaccine" and the names of different producers of vaccines, "social distancing", "delta variant", "virus". Example 2: Afghanistan, "human rights", "forces". Moreover, people interviewed were free to speak as they would. (I seem to remember that in AIR Urdu the moderator added the Urdu word when a person interviewed used an English expression.) Example: 3 from a long interview programme "blood bank, "donation", "blood campaign", "for registration it will take only 5 minutes", "check whether you are "for donation or not", "less than 15 minutes..." (actually the same process as I know in Germany), "corona".

2) Religious influence: All the programmes are done "bismillah rahmani rahim", "in the name of Allah the most beneficent the most merciful". The first feature after opening the two-hour programme is a Qur'an recitation with a Urdu translation sentence by sentence. The second feature is a religious reflection of about five minutes. In the second hour listeners were reminded of the local prayer time with an intro and outro in English.

3) Entertainment elements: You can listen to some light hearted lively exchanges, but entertainment is mostly by South Asian hit music like *tum se hi* (<https://www.youtube.com/watch?v=mt9xg0mmt28>) or *na tum jaano na hum* (<https://www.youtube.com/watch?v=bK596ntCp9c>).

I dare to say it consists mostly of slower versions and titles sung by male singers. With one or two exceptions I noted female singers only as background singers. (This observation parallels my impression when listening to Pakistani radio online and comparing the music heard with the one on Indian online stations and SLBC on shortwave also.)

4) Team: There are female and male producers. In sign on and sign off announcements the technicians are also mentioned. (Dr Hansjörg Biener 3 August 2021)

Radio Romania International Romanian Service

I regularly record the Romanian program of R Romania Int on Saturday night/Sunday morning to catch the classical music program **Radio Concert Season** (or **Stagiunea Muzicală Radio**). So it was on 8 August that I recorded the program from 0100-0200 on 7420kHz. The program is currently repeating selections from previous concert seasons (presumably due to Covid-19,) so enjoyed some varied selections starting with *The Hebrides*, Op. 26 by Felix Mendelssohn and ended with some music announced as by Antonín Dvořák, although curiously the program listing on the RRI website did not indicate that any music by Dvořák was in today's program. Anyway, this weekly program is always recommended, along with **R Tumbri's Encore Classical Music** as being the only two regularly scheduled hour-long classical music programs on shortwave

(although see the next section for details of the Proms from the BBC).

BBC World Service at The Proms

Last month's column was unfortunately compiled too early to bring you advance notice of the **BBC World Service's BBC at The Proms** for this year. However, there may just be time to catch the final two concerts in this year's series of the BBC Proms from the Royal Albert Hall in London concerts featuring leading British orchestras as well as international soloists and conductors.

On Saturday 4 and Sunday 5 September are selections from Vivaldi's "The Four Seasons" and Astor Piazzolla's "Las cuatro estaciones porteñas (The Four Seasons of Buenos Aires)", played by Academy of St. Martin in the Fields with Joshua Bell (director/violin).

On Saturday 11 and Sunday 12 September there is Dvořák's "Cello Concerto in B minor", played by the Royal Liverpool Philharmonic Orchestra with Sheku Kanneh-Mason (cello) and Domingo Hindoyan (conductor).

These programs will be aired at the following times:

Saturday 4 and 11 Sept at 1806-1900 on 7265mdc 7445mdc 9410dha (*to E and SE Africa*); 6195sla 7485sng (*to the Middle East*) and 11810asc 15400asc 13660wof (*to W and C Africa*).

Sunday 5 and 12 Sept at 1106-1200 on 6195sng 9410sng 11945sng (*to E and SE Asia*).

Radio Andorra Tribute Program

On 7 August, there was a special three-hour program - a Radio Andorra Revival - broadcast via Moosbrunn, Austria on 6180kHz and organised by Christian Milling of Shortwave Service. The broadcast started at 1700UTC with the Radio Andorra theme and announcement "Aqui Radio Andorre". I initially presumed the theme to be the Andorran National Anthem, but on comparing it with the version on YouTube, it is clearly different, and further investigation via the <https://www.aquiradioandorra.com/> website, it seems that the music is titled Marche des Conseillers. The opening was followed by a restored version of a program from 1979 called Carte Blanche "Carte Blanche à Sacha Distel" presented by Arty Parera in discussion with Sacha who was choosing his favourite records. It was a most enjoyable three hours of 1970's music, mostly in French, and (at least in English-speaking countries) rarely heard. Some English choices made it though, including for example - Village People "In the Navy", Elton John & Kiki Dee "Don't Go Breaking My Heart", and Boney M "Hooray! Hooray! It's a Holi-Holiday" among several others. It would be interesting to know why Sacha chose these in particular!



The story of the restoration is quite interesting. The following is excerpted from the *Discos i documents de Ràdio Andorra* Facebook page:

"Radio Andorra was closed by the authorities. In 2009, the archive of Andorra was recovered by the National Archive of Andorra and conserved. The head of the audio-visual department Cinta Pujal explains: '60000 singles, 21000 LPs and 21200 shellac plates camped for 30 years in poor conditions in a storage room in the former station building. It was all so dirty and moist. The oldest records date back to 1913. For our country, this collection is a gift we want to receive for the people'.

"Besides the records, the archive also includes a number of tapes and cassettes. On this: rare studio recordings of different radio Andorra shows from the late 1970's. Christian Milling has now restored one of these shows for re-broadcast.

"In order to re-audible the 40-year-old show in good quality, a lot of preparation was needed, Christian Milling explains: 'The cassettes were exposed to more or less humidity and temperature fluctuations for 30 years, and therefore not in good condition. The tapes are partially glued or squared up, so the sound quality is very fluctuating: changing volume, dull sound, lyric music and more or less strong noise pull through the recordings. Therefore, all music tracks had to be removed and inserted again in the correct places of CD or record, the presentations were modified soundly, pitch fluctuations were adjusted. Around 30 hours of work is in the restoration of the broadcast. Also, many of the music tracks had to be sourced again via used record dealers, because some of the songs that were played are completely unknown nowadays and therefore not available as audio file or on CD.

"These archive tapes and tapes found are extremely interesting for us radio enthusiasts and their rescue is a good fortune - because they reflect the sound of the golden age of radio. What music was played then, who was en-vogue, how was the whole thing presented.

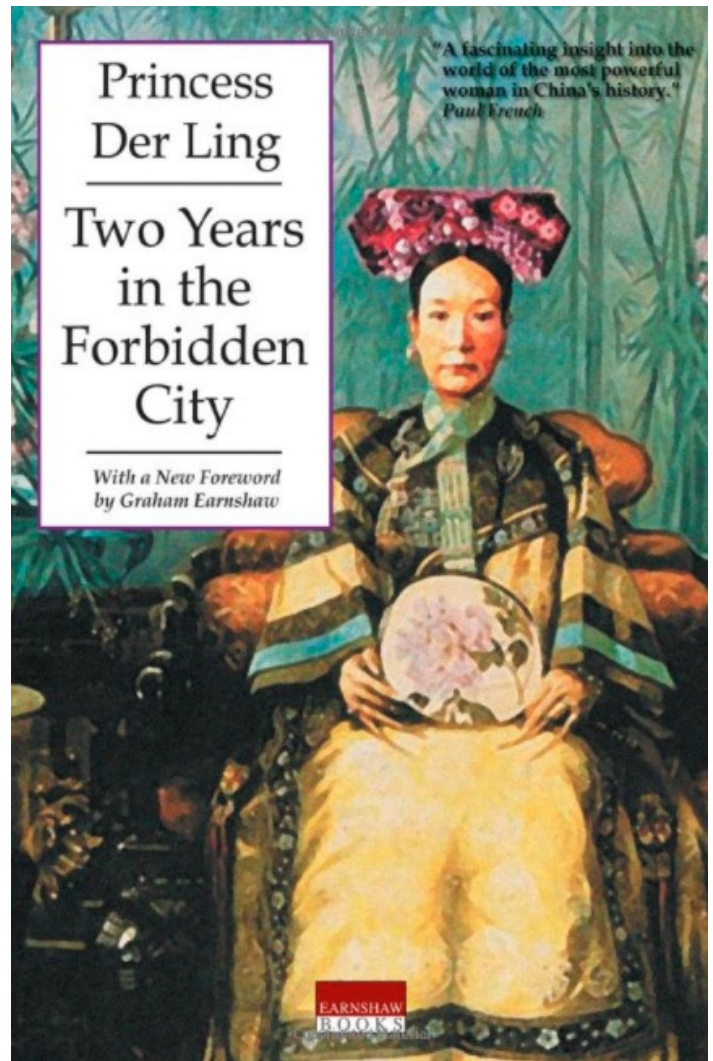
"Especially from the entertainment radio there are few complete recordings from the 1970 s, a lot of things were sent once and disappeared into the ether - tape material for permanent archiving was expensive. It is all the more comforting to know that the sound documents are in good hands in the Andorra National Archives and that the acoustic legacy of the station is preserved like this', Milling continued.

Thanks to Christian Milling for his work, and there is the possibility of further specials in future which I look forward to listening to.

China Radio International

I tuned in to **China Radio International's** continuing series ***Alight on Literature*** on 6 August at 1330UT on 15590kHz. This episode was a reading (by Man Ling) of the book "Two Years in the Forbidden City", and comprised the first part of Chapter 16 of the book. "Two Years in the Forbidden City" was written by Princess Der Ling, a Lady-in-waiting to the Empress Dowager Cixi in the early 20th century, and provides "a quite unique and surprisingly intimate portrayal of the Empress and Beijing's Imperial Palace in China's last feudal dynasty."

In this episode, "we will delve into Her Majesty's birthday celebration in detail, which provides a rare chance for us to familiarise ourselves with the rituals and etiquette of the times."



A very interesting story, and although I've not heard many of the previous parts of this book, it is written in episodic style, and each section more-or-less stands alone without a need to have heard earlier episodes.

This book reading has been aired before, and doubtless will be repeated again, however the whole story is available as a series of downloads in twenty parts, by chapter, from <http://chinaplus.cri.cn/podcast/list/25>.

Alight on Literature is broadcast daily at 1630, 2030, 0030, and 1330UT.

That's all for this month - until next time, 73 - Alan

International Broadcasting

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Afghanistan and international broadcasting

The rapid takeover of Afghanistan by Taliban forces brought attention to the role of international broadcasting. The first order of business was to get Western journalists and their Afghan helpers out of the country. Included in this group were reporters and support staff for Voice of America and the Afghan services of Radio Free Europe/Radio Liberty.

An August 15 story (nyti.ms/2WmltKA) by New York Times media columnist Ben Smith focused on the harrowing situation of USAGM personnel: "Journalists are being left behind," said Rateb Noori, the Kabul bureau news manager of Radio Azadi, in a telephone interview from Kabul ... The station, a branch of the U.S. government's Radio Free Europe and Radio Liberty services, formerly called Radio Free Afghanistan, broadcast through the day Sunday [August 15], including airing an interview with a Taliban spokesman. Its sister station, Voice of America, reported on Sunday that one of its reporters 'was in the passport office when everyone was told to leave immediately and go home.'"

The Times story continued: "The acting interim chief executive of the U.S. Agency for Global Media, which oversees the broadcasters, said in an email to staff Sunday that the agency is 'doing everything in our power to protect' journalists and 'will not back down in our mission to inform, engage,

and connect Afghans in support of freedom and democracy.'"

The "inform, engage, and connect" comes from USAGM's mission statement (bit.ly/3sNy8SU). On my Twitter account @kaedotcom, I relay news about international broadcasting but don't often comment. But in response I wrote: "Perhaps USAGM should focus on 'inform' and lose the rest of that gobbledygook" (bit.ly/2UEIkAj).

Effective international broadcasting depends on credibility, especially amid the events now unfolding in and around Afghanistan. That credibility requires independence. USAGM is hard pressed to proclaim its independence if its reporting is "in support of freedom and democracy" (also part of the Mission Statement). Yes, freedom and democracy are (tears welling up) noble ideals, but real journalism provides information without supporting anything, allowing the audience to make its own decisions.

"if journalists leave a scene, it becomes a black hole"

Back to Afghanistan: Ayesha Tanzeem, the Afghanistan and Pakistan bureau chief for VOA, "only made it to the airport on the third attempt and stood in the crowd for hours," according to Germany's DPA (bit.ly/3D9k0gg). Interviewed by PRI's The World as she was arranging her exit: "I feel

like if journalists leave a scene, it becomes a black hole, then the world doesn't find out what's happening. And when the world doesn't know what's happening, human sympathy also evaporates" (bit.ly/3gmB2bZ).

Chris Greenway of BBC Monitoring has been closely following media events involving Afghanistan. He quoted this from the Times story: "More than a hundred journalists employed by the American government's own radio stations remain in Afghanistan as the Taliban take power." To which he responded in a tweet: "'stations' (plural) is correct. Fragmented nature of US international broadcasting means there are 4 US-funded stations airing in Pashto/Dari: Radio Azadi, Radio Mashaal, VOA Ashna, VOA Deewa. They compete with each for funding, staff, studios, transmitters, audiences. @kaedotcom" (bit.ly/3j9Kf9t). My Twitter handle was mentioned because I have long campaigned for the consolidation of US international broadcasting.

As of this writing, the most tragic consequences for international broadcasters were experienced by Deutsche Welle. On August 19, DW reported: "Taliban fighters hunting a DW journalist have shot dead one member of his family and seriously injured another. The Taliban were conducting a house-to-house search to try and find the journalist, who now works in Germany" (<https://bit.ly/2UE1Lt2>). ... "DW Director General Peter Limbourg issued a strong condemnation and called on the German government to take action. 'The killing of a close relative of one of our editors by the Taliban yesterday is inconceivably tragic, and testifies to the acute danger in which all our employees and their families in Afghanistan find themselves.'"

CNN International vs BBC World News vs Al Jazeera English

When major global crises occur, audiences for the global English-language television news channels pick up. There are a couple dozen such channels, but the big three are CNN International, BBC World News, and Al Jazeera English. Shailaja Bajpai, writing for the Indian website ThePrint.in (online only, apparently not available in print), critiqued Indian and international television news coverage of the fall of Kabul. (bit.ly/3zdxdgL)

Mr. Bajpai lamented "CNN International's lacklustre coverage compared to BBC World or Al Jazeera's. On [August 15], when the Taliban reached the outskirts of Kabul and politely waited for now ex-President Ashraf Ghani to fly off in a helicopter, BBC World and Al Jazeera devoted themselves to the Taliban's unexpected arrival and Ghani's hasty departure while CNN International dwelt on the earthquake in Haiti and the continuing squabble between US Democrats and Republicans on masking up for Covid."

Later in his commentary: "CNN's correspondent in Kabul, Clarissa Ward, made up for the channel's shortcomings with her ground reports — on Tuesday, she stood by the wayside, with armed Taliban preening themselves behind her, and reported that while the streets appeared safer, people were still 'petrified'— she could 'smell the fear'.

"Al Jazeera, based in Doha, had the advantage of more visuals from the ground, none more extraordinary than the sight of the Taliban lounging about in the Afghanistan presidential palace, Sunday night. It also had the most informative reporting from the Afghan-Pakistan border where there was 'no panic' and on Pakistan's reaction to the rapid change of government in Kabul.

"The BBC's Yalda Hakim with her contacts and knowledge of Afghanistan was in control

of covering the fluid situation – there were well-thought-out interviews with experts such as Professor William Malley and diplomats such as Sir Nicholas Kay who had served in the country (‘I hang my head in shame’) along with ground reports from her colleagues. If you wanted a well-rounded picture of what was happening or conversely, not happening in Kabul, go to the BBC.”

How to reach Afghanistan in the new regime

With the media environment changing in Afghanistan, methods for international broadcasting *into* Afghanistan will have to be adjusted. During the past two decades, USAGM outlets and BBC have benefited from terrestrial radio (and perhaps television) transmitters inside Afghanistan. Presumably these will soon be off the air, although as late as August 21 DXers were still hearing VOA medium wave stations inside Afghanistan (bit.ly/2XGrNwU). On August 17, RFE/RL president Jamie Fly said, “They haven’t shut down RFE/RL and VOA transmitters in [the] country, they haven’t forced us off the air, yet. But no one knows how long that will last” (bit.ly/3ybPjP9).

Satellite television was probably popular in Afghanistan, but the Taliban may confiscate any dishes they see on roofs. And, before August, the mobile internet may have been the most popular way to obtain news and information, at least in urban areas. It will

take time, and know-how that the Taliban may not yet possess, for the Afghanistan’s internet to be shut down or at least whittled down to a few approved sites and platforms. And Afghans, especially of the younger generation, will yearn for the online content they once were able to access. Demand for VPNs will no doubt increase.

For uncensored news – and music – into Afghanistan, it may, once again, come down to trans-border radio, on shortwave, and via the small number of medium wave relays still available and within reach of the country. We hope that Afghans have not discarded their radios. Batteries that have leaked inside idle radios could be a problem.

A sudden and dramatic development is the emergence of Afghanistan International TV (AITV) (bit.ly/3BjK3ej). It is owned by Volant Media UK Ltd, which also owns Iran International TV. AITV planned to go on the air in September, but moved that up to August 15, the day the Taliban captured Kabul. Its initial schedule was nine hours a day, with plans to go 24/7. Acknowledging the new media realities of Afghanistan, AITV also has a radio stream, already 24 hours. They have been reported on 7600 kHz. Chris Greenway also suggests trying 801 and 990 kHz MW.

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

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. Thanks!



Shortwave Center

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We're on the threshold of the dying embers of summer and will soon be on the cusp of another DX season. But until we get there, we need to scour the landscape for a potpourri of stories and information that can hold us over until the signals start coming through

strongly once again. And this is where this month's SWC comes in. We start with two stories from the inestimable Dr. Adrian Peterson about the world's highest shortwave station and then perhaps its most isolated.

SHORTWAVE GEOGRAPHY

ADRIAN PETERSON'S DIARY

The World's Highest Radio Station Celebrates its 50th Anniversary: AIR Leh

When it was constructed in 1970, the mediumwave and shortwave station of **All India Radio** at Leh in Kashmir was listed as the World's Highest Radio Station, and it has survived fire, flood and snow during its half century history. As Jose Jacob VU2JOS in Hyderabad, India informs us, **AIR, Radio Kashmir, Leh** recently celebrated its Golden Jubilee, its 50th anniversary, on Friday, June 25 (2021).

The regional city of Leh is the capital city of Ladakh, a Union Territory located in the extreme north of India, and its height in the Himalaya foothills has been measured at an official 11,562 feet, considerably more than two miles above sea level. The town of Leh is situated on a plateau in a picturesque mountain valley and it has a population of 30,000, most of whom are ethnically a Tibetan people.

The studios for the original mediumwave radio station in Leh were housed in a wooden building, with a separate building at another location for the transmitters. The official inauguration as **Radio Kashmir, Leh** was conducted on June 25, 1971, also a Friday, and the station began a regular programming schedule the following day.

This station was launched with 10 kW on the standard 10 kHz spacing at 1050 kHz in 1971. However, twelve years later, on September 24, 1983, the frequency was modified to 1053 kHz, in accord with new international radio regulations.

During the year 1990, a 10 kW NEC shortwave transmitter made in Japan, Model HFB840, was co-installed with the mediumwave unit. This transmitter has ever operated on only two frequencies, 4760 kHz (night) and 6000 kHz (day). However, five years ago it was

noted for one day only on 4740 kHz, which was obviously an operator error.

Ten years ago, consideration was given to the installation of a 50-kW shortwave transmitter at Leh, though this suggested project was never implemented. However, instead, the power level on mediumwave was increased from 10 kW to 20 kW.

In 2002, the studio building was completely demolished by a fire that destroyed the electronic equipment, all of the locally recorded Ladakhi music programming, and all of their important paper documents. However, with hastily assembled temporary equipment, the station soon returned to the air with the use of the same 10 kW transmitter some 7 miles distant on 1053 kHz.

A completely new concrete building at the same studio sight was officially inaugurated six years later on May 29, 2008. At the same time, a new FM service was also inaugurated with 100 watts for local coverage. One reference shows this service on 102.9 MHz. A satellite uplink service was also inaugurated as a program relay to three low power FM transmitters located at Nyoma, Khaltsi and Diskit.

However, two years later again on August 7, 2010, a sudden cloudburst over Leh resulted in considerable damage in the town, with the death of more than 100 people, 200 listed as missing, and 300 injured. The local hospital was badly damaged, and there was damage to public buildings and private houses as well.

The transmitter building is located on the northern edge of the town of Choglamsar, some seven miles due south of Leh, and water and mud slushes entered the building, causing some damage to the electronic systems. The station was off the air for a few

days, and the AIR station at Srinagar broadcast special news bulletins for the people resident in Leh during that time.

Currently, **AIR Leh** is on the air with three different transmitters; mediumwave and shortwave run in parallel, and FM takes a relay from Delhi. The three transmitters are configured as follows: Mediumwave 1053 kHz with 20 kW; FM 101.1 MHz with 100 watts; and shortwave with 10 kW (or less) on 4760 kHz at night and 6000 kHz during the day.

In addition, **AIR Leh** now operates an uplink FM program service for downlink relay to 5 FM stations in Kashmir and Ladakh. The program link from the studios in Leh to the transmitters at Choglamsar is via an FM Yagi antenna on the roof of the studio building.

A New Radio Station at an Even Higher Altitude

OK, now that was the story of the world's highest radio station, **AIR Leh** at more than two miles high, and they celebrated their 50th anniversary just two months back. However, there is an interesting postscript to that story.

In November 2019, less than two years ago, two additional downlink FM stations were installed at two different locations, one in Kashmir and one in Ladakh, both of which were described as high powered. The Kashmiri station was installed at Uri and it operates with just 100 watts on 100.1 MHz.

The Ladakh station was installed at Himbotingla and it contains two FM transmitters at 10 kW each on 101.7 MHz. This station is partly solar powered.

The Himbotingla station is rather close to the Himbotingla Pass on the highway running from Srinagar to Leh and it is listed at 13,700 feet (2½ miles) above sea level.

The AIR FM downlink relay station at Himbotingla is more than 13,000 feet above

sea level, which is by far, now the highest radio station in the world.

The Radio Scene on the World's Most Isolated Island: Bouvet in the South Atlantic

Modern geographers inform us that the world's most isolated island is the barren, frozen and windswept island called Bouvet, in the South Atlantic Ocean. This small uninhabited island is located somewhere between South America, South Africa, and Antarctica, more than a thousand miles distant from each continent.

Bouvet Island is a very rugged island, perhaps almost circular or perhaps almost square in shape, and its total area is a sparse 19 square miles, 93% of which is permanently covered with ice and snow. This island has never been inhabited, and it is the top of an extinct largely underwater volcano.

The center of the island is simply a quiescent ice-filled caldera. Even though covered by heavy glaciers, the ground temperature on the island just one foot deep is a surprising 77 degrees Fahrenheit.

Over the past 300 years, Bouvet Island has undergone several name changes. When discovered by the French explorer Jean-Baptiste Charles Bouvet de Lozier in 1739, its location was charted incorrectly on the map, and it was named as Cape Bouvet rather than Bouvet Island.

The island was not rediscovered until two thirds of a century later by the British whaler Captain James Lindsay in 1808. He discovered that the so-called cape was just the edge of a small island; and shall we say with a touch of unique modesty, Captain Lindsay renamed the island in honor of himself, Lindsay Island.

The first claim to a landing on the island was made in 1822 by an American sailor, Captain Benjamin Morrell, who again with typical modesty, added that difficult possibility to a long list of other impossibly grandiose lifetime accomplishments that he accorded to himself. Historians suggest that he may have sighted the island, though it is unlikely that he set foot on it.

Some 3 years later again (1825), George Norris found the island once more, and he claimed it for the British crown and gave it the name Liverpool Island. He also stated that another island lay nearby, Thompson Island, but this second island proved to be a phantom island.

A Norwegian expedition landed on the island in 1927, they claimed it for Norway, and they reverted the name of the island back to its original title, Bouvet Island, which it still carries to this day. The United Kingdom renounced all claims to Bouvet Island in 1930, due to unresolved questions about the authenticity of previous exploratory findings about the island.

A second Norwegian expedition went to Bouvet Island during the following year (1928) with the intent of establishing a weather radio station. However, they were unable to find a suitable location on the island for a small community of technical personnel and the project was abandoned. The permanent ice cover, together with the steep rubbly cliffs almost completely surrounding the island, made landing difficult, and thus establishing a permanent settlement was declared almost impossible.

Nearly thirty years later (1955), a ship from South Africa, the Transvaal, was sent out, again to find a suitable location on the island for a radio operated weather station. Once more, officialdom declared that the plan was almost a total impossibility. Another two years later again, 1957, an American ship, the Westwind, scouted the island for the same purpose (to establishing a radio operated weather station) and they also came to the same conclusion, that this was a geographic impossibility.

Then in 1964 South Africa sent out two ships on another expedition to the island for the same purpose. These ships were the Royal Navy Antarctic Vessel, HMS Protector, together with a South African supply vessel, and again they came to the same conclusion regarding an automatically operated radio weather station. It was impossible!

Now while ashore at the rubbly difficult location, the technical personnel discovered a half-submerged lifeboat, a mystery that remained unanswered for several years. However, subsequent research discovered that a Russian whaling ship, the Slava 9, had called at Bouvet Island eight years earlier.

A group of sailors from the Russian venture went ashore in a lifeboat but they got caught on the island by bad weather. Two days later they were airlifted out by helicopter and they abandoned the lifeboat in the shallow waters of the island.

The Norwegian government sent out an official survey expedition during the summer of 1977, and during the following year (1978) a permanent automatically operated weather station was indeed successfully installed. This radio operated facility was installed near the northwest corner of Bouvet Island, though it is no longer operational.

Amateur Radio Operations at Bouvet Island

During the 1977 expedition, the Norwegian radio personnel operated a temporary amateur radio station on the island under the callsign **3Y5X**. This was the first amateur radio operation on Bouvet Island.

Twelve years later a second successful DXpedition to the island was on the air under the same callsign **3Y5X** for a period of 16 days, running at the end of December and into the New Year (1990). The operators at **3Y5X** succeeded in logging 50,000 QSO contacts with other amateur radio stations around the world.

The third amateur radio DXpedition took place in the winter of the year 2007 under the callsign **3Y0E**. This event was a scientific event, together with approved amateur radio personnel who joined the expedition.

Subsequent DXpedition attempts have thus far been unsuccessful. Three years ago (2018) a fourth attempt was made under the callsign **3Y0Z**, but the specially chartered expeditionary ship developed engine trouble while lying at anchor offshore, and it had to return to South Africa without fulfilling the planned visit onto the island itself.

In March of the following year (2019), another attempt was made with the same ship, though with a new amateur callsign **3Y0I**. However, they encountered a massive cyclonic storm with 35-foot waves, thus a landing was impossible, and the ship again returned to South Africa, unfulfilled.

A fourth DXpedition to Bouvet Island was planned for December last year (2020), though this project was postponed due to the virus pandemic. However, the Norwegian Polar Institute is no longer supporting any DXpeditions to the island, as they

understand that their weather station may have been swept into the ocean by adverse weather patterns.

We might also add that there have been two additional privately operated DXpeditions to Bouvet Island. In December 2000, the American, Dr. Charles Brady, **N4BQW**, joined an official Norwegian expedition to the island, without any prior publicity. When he suddenly went on the air under the callsign 3YOC, he was instantly swamped with

massive pileups. During his three months stay at the island, he logged 17,000 QSOs. Then during the following year (2001), world traveler Dominik Grzyb, with the callsign **3Z9DX**, also landed successfully on the island.

According to the listings, Bouvet Island in the South Atlantic is amateur radio's second most wanted callsign QSO; highest on the list is North Korea.

SHORTWAVE NEWS

NASB 2021 Annual Meeting

URGENT! (Updated August 6, 2021)

Meeting Dates: The 2021 NASB Annual Meeting which was scheduled for September 9 and 10 has been postponed (again) due to the Covid-19 situation in Alabama.

EWTN/WEWN has put all meetings on hold until further notice due to serious infections of the Covid Delta variant in the area. We sincerely apologize to everyone for this inconvenience, and we hope that those who have airline reservations can change them to the new dates when we know what they are.

If you have reserved a room at the Best Western hotel, please cancel your

reservation. There will be no penalty; no charges have been made to your cards. Please check this website regularly for the latest updates.

We hope to reschedule our annual meeting as soon as possible, and it will be in the same location at **WEWN**. Please be safe, and again we apologize for this situation which is unfortunately beyond our control. Thank you.

Location: WEWN, Birmingham, Alabama, US

<https://www.shortwave.org/index.php/annual-meeting-info/>

Ceremony at Czech Radio on 53rd anniversary of 1968 invasion

08/21/2021

Radio Prague International

Czechs are marking the 53rd anniversary of the Soviet-led invasion of Czechoslovakia in 1968. Commemorative ceremonies are being

held around the country at significant sites linked to the invasion of Warsaw Pact troops which were sent in by Moscow to crush the Prague Spring reform movement aiming to introduce "socialism with a human face".



Photo: Andrea Filičková, Czech Radio

Traditionally a commemorative ceremony was held at the Czech Radio building in Vinohradská street, the site of brutal clashes between civilian protesters and the occupying forces. Close to two dozen people died in front of the Czech Radio building, as they tried to prevent the occupiers from

ending the uncensored broadcasting. During the tragic days that followed the invasion more than 100 people were killed.

The laying of wreaths on Vinohradská třída was attended by leading representatives of the state, members of the public and witnesses of the August events. The speakers at the ceremony, including Deputy Prime Minister Alena Schillerová, Senator Miroslava Němcová and Czech Radio CEO René Zavoral paid homage to the memory of those who died defending the country's freedom, and expressed gratitude the brave individuals abroad who spoke out against the invasion at the risk of their own lives. They stressed the need to remember this dark chapter in the country's history and learn the lessons of the past.

[Ed. Note: The following article is in response to one republished in SWC from Radio World a month or two back detailing the state of radio in Europe, including shortwave.]

EBU Puts Radio Finger in the Air?

DRM Consortium responds to the EBU's David Fernandez Quijada's recent post at Radio World



BY RUXANDRA OBREJA

PUBLISHED: JULY 15, 2021 · UPDATED: JULY 20, 2021

RADIO WORLD

*The author of this commentary is chair of the **Digital Radio Mondiale** consortium.*

Thank you to David Fernandez Quijada of the EBU for giving a bird's eye view ("[EBU Finds That Radio Is in the Air](#)") of live radio and its strong place in people's lives, or — more precisely — only the billion or so lives

concentrated primarily in the high-density developed countries of Europe, examined in detail with Eurocentric magnifying glasses.

What definitely caught the eye of DRM Consortium members was the figure of 90% of terrestrial broadcasts using analog FM (at least in the 56 EBU member countries surveyed, accounting for less than the population of India, though the report's data source is not referenced in the article). This is astounding, and represents an enormous opportunity for DRM, where three digital broadcasts can be made from the same FM transmitter. This provides for significant energy savings with minimal additional investment while using only half the analog FM bandwidth and while one single FM

transmitter can carry multiple DRM transmissions e.g., 18 audio and six data channels.

It is surprising how strong analog FM still is, when so much has been said and done to promote digital broadcasting, mainly DAB/DAB+, in the EBU space where it is hailed as the standard of choice. Only about one-tenth of radio services available are digital, and the bulk of these are in the U.K.; this must be considered a bit disappointing after so many European countries have adopted DAB over the past 30 years.

The author, rightly, sees menacing clouds for FM and a downright dark future for analog networks in longwave and medium-wave, where U.K. alone is still operating 69 services.

As the author knows, by lumping together analog AM with FM and digital radio (Read: DAB+), whose growth was from ground zero upwards but remains in that 10% niche space, he is inevitably comparing apples and oranges.

Summer is not like winter and FM and DAB+ are not like AM. Around 900 DAB+ transmitters provide public radio programs to around 5 million people in small- to medium-sized countries like Norway. Thirty-five medium-wave transmitters offer broadcasts and services to about 800 million people in India. One of the North African countries surveyed is currently in the process of getting a huge project of shortwave and medium-wave installations off the ground to cover its widely dispersed population.

Big countries cannot simply switch to FM or other short-range, local digital solutions and achieve total country coverage, unless their budgets and patience reserves are bottomless. China and India are not part of

the EBU survey but worth mentioning for their huge investment in digital AM (DRM in shortwave and mediumwave). Alone, China and India account for over a quarter of the world's population and cannot be dismissed simply because they aren't in Europe. This fact might be more relevant than Mongolia's unique attachment to longwave broadcasting!

When considering shortwave, relegated to a footnote in the article, it might be useful to mention that the vast majority of shortwave transmitters being currently shipped or on order are DRM-capable, as there is renewed interest in digital SW post-COVID. As to the cost of local digital compared to large coverage with DRM, it would be useful to research cost per square kilometer rather than cost per listener. Shortwave can compete per listener, too, if only transmitting at lower power into a city. And while the author correctly identifies religious program as content, he fails to mention all the international news services (e.g. **BBC World Service, Radio New Zealand, KDDI, KBS, Voice of America, Radio Romania International**), current affairs, music, cultural and educational broadcasts to populations with few other sources of information or connectivity, presumably because they aren't relevant to European audiences.

DRM has been embraced as a viable digital alternative to shortwave, not just in the center of Europe where FM and the Internet are almost universally available, not in the current context of the pandemic, where 20% of the world's poorest children could not go to school, and not that of 20 years ago when DAB/DAB+ announced it was the standard of the future.

Taking a holistic and nuanced look at radio and supporting its transition from analog to digital using best suited platform is what we

expect of neutral EBU, its talent and resources.

Such a look should stress that radio remains a vibrant and successful platform, reaching well beyond line of sight and, with a digital transformation, providing a valuable service

also to those unable to access the internet. This new radio platform is providing interference-free reception, tuning by brand and not frequency, energy and spectral efficiencies with opportunities for many more channels and data, the driving forces and universal benefits supported by the DRM consortium.

SHORTWAVE COMMENTARY

Keeping PNG Connected by Investing in Radio

Shane McLeod

(The Interpreter Via Australian DX News)

Published 3 Aug 2021 06:00

Australia could quickly make a critical – and relatively cheap -- neighbourly investment in democracy. Radio has always been an important part of PNG's media industry but has struggled to keep up a nationwide connection. Radio has always been an important part of PNG's media industry but has struggled to keep up a nationwide connection.

News that Australia's Telstra could be a buyer of the Pacific Island region's prominent mobile network and media player Digicel has put communications technology in the spotlight. The Australian government is set to underwrite the deal which some reports suggest could be worth up to A\$2 billion, with the network's dominant footprint in Papua New Guinea among its most valuable assets.

But there's another media platform in PNG that for just a fraction of that price could be boosted to play a much more significant role in the lives of the country's citizens: radio.

Radio has always been an important part of PNG's media industry. Despite the remarkable rise of digital platforms, and the growing prominence of television, radio remains the most effective platform for reaching audiences in PNG where around four in every five people live outside of the formal economy. You don't need to be able to read, or buy mobile credits, or have access to mains power to listen to the radio. If you own a wind-up or solar powered receiver, you don't even need to buy batteries.

One option to get a national service established quickly would be to fund a shortwave service, beamed back across the country from offshore.



However, radio has struggled to keep up its nationwide connection with PNG. Decades of underfunding have left national broadcaster **NBC** barely able to keep its transmitter network alive. As few as one in three of its nationwide network of transmitters is in operation at any time. Those that are on-air tend to serve the urban audiences that already have other media options. For those in remote and rural areas there's little to listen to – and even less since regional broadcaster **ABC Radio Australia** switched off its long-range shortwave transmitters in 2017. The lack of a reliable, national radio service is a big issue as the country heads towards elections next year.

There are welcome signs that PNG has recognized the challenge. The national government has been backing **NBC's** management to make transmitter rebuilds a priority. One moribund colonial-era site has been recently relaunched after years missing from the dial. PNG's government wants to see more transmitters back in operation in the years ahead.

But the costs are high, capacity is limited -- and the elections are less than a year away. Donors like Australia can help.

As I write in a new policy brief for the Lowy Institute, Bridging Papua New Guinea's information divide, one option to get a national service established quickly would be to fund a shortwave service, beamed back across the country from offshore. Such a service was trialed in 2015 for the Pacific Games, and was warmly welcomed by listeners across PNG. With funding and determination, such a service could be back in operation quickly. The disused former Radio Australia transmitter site in North Queensland would be a good strategic investment for Australia to make. But if that proves too costly, or logistically difficult before the elections, capacity could be

bought on other shortwave sites in Guam, Singapore or New Zealand.

This would be an interim step. At the same time, **NBC** needs support to successfully get as many of its domestic transmitters as possible back in operation in time for next year. Australia could help PNG make substantial progress on both these fronts for around \$10 million – under 2 per cent of Australia's current aid spend over the next 12 months.

Yet success in getting stations back on air has the paradoxical effect of consuming even more of **NBC's** limited operational budget in electricity supply costs.

So, alongside the focus on transmitter rehabilitation needs to be a tough conversation about structure. That means **NBC** considering a move from a complex provincial structure built around 22 hyperlocal stations, to one focused on PNG's four main regions.

Longer term, as audiences get better access to interactive and digital platforms, the advertising revenues that support PNG's broadcast industry will become increasingly stretched. **NBC** along with other PNG media industry players will need to reduce transmission costs to remain sustainable. This means cooperation and co-location between broadcasters. As the owner of TV networks, radio stations and **NBC**, PNG's government has the opportunity to push these discussions forward now.

Broadcasting will continue to play a critical role in PNG's national life for many years to come, connecting people in times of disasters and upheaval, and providing a fundamental communications platform for people without any other means of connecting.

For a mere fraction of the cost of the proposed investment in the mobile operator Digicel, Australia can support PNG to

maintain this critical national institution and invest in the future of its democracy.

The Robinson Report

Looking at U.S. international broadcasting and the shortwave listening hobby



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Journalists Stepping Over the Line

Afghanistan dominated the news as I wrote this month's column. Amid all of the coverage, one event stood out for me.

During a Pentagon news briefing, as reported by Yahoo News: "A female Afghan journalist **tearfully confronted** a Pentagon spokesman during a Monday press briefing, in a poignant reminder of the human stakes of the Taliban's takeover of a nation that the United States had long hoped would be transformed into a stable democracy."

Nazira Karimi is a reporter for the privately-financed Ariana TV Network since 2005. According to her LinkedIn profile (which shows a photograph of her with former Secretary of State Condoleeza Rice) she worked previously for BBC. She escaped Taliban rule in Afghanistan in the 1990s.

Yahoo News appeared to try to raise a valid question, though not specifically stated: To what extent should a journalist allow herself or himself to become involved in advocacy journalism? And make no mistake, that is what we saw during that briefing.

Karimi's comments were **"a brief but emotional address — much closer to a statement of dismay than a question"** Yahoo News noted, observing that she wore a face mask adorned with Afghanistan's flag, and criticized former Afghan president Ashraf Ghani.

Pentagon spokesman John Kirby, for his part, was tolerant. Other reporters in the room recognized that this crossed a line regarding demonstrating personal involvement in stories. A Daily Mail headline said Karimi "broke down" in tears, while another headline said Karimi had "confronted" Kirby.

Since my retirement from Voice of America in 2014, I have written about advocacy journalism by current and former journalists under the U.S. Agency for Global Media (USAGM), specifically VOA and RFE/RL.

In 2015, I wrote: "Unfortunately, a prodigious level of pandering and self-promotion is also observed below the level of VOA director, in social media and other

activities of certain reporters” (<https://bbgwatch.com/bbgwatch/opinion-dan-robinson-mixing-advocacy-news-reporting-voice-america/>)

In 2014, while covering then vice president Joe Biden’s visit to Ukraine, a VOA Ukrainian Service TV personality, Myroslava Gongadze, used social media for what could only be described as blatant mixing of political activism into reporting.

Gongadze's late husband, it should be noted, was an investigative journalist who was kidnapped and murdered in 2000. At one point, clearly with approval from the Obama White House, she accompanied Biden in Kiev on a visit to a monument to Ukrainians killed during the Orange Revolution.

In one post, noted in my article she had posted a photograph of herself draped in a Ukrainian flag in front of the White House during a public demonstration lobbying Congress to approve aid to Ukraine.

Fast forward to 2021 for yet another example: A female reporter for Radio Free Europe/Radio Liberty, Zarghona Mangal, used Facebook to congratulate Joe Biden on a “well-earned victory” and urge him to press the Taliban to declare a “strict and immediate ceasefire.”

RFE/RL managers weren't happy. They asked Mangal to remove the letter. She refused, and then resigned stating in a January 30th social media that RFE/RL (she called it “Freedom Radio”) had allowed itself to be “[downgraded] from the position of an international enhanced radio to [imitating local Afghan television].”

So, let's get one thing out in front. It's not easy for a journalist to suppress impulses to take sides on stories they cover, especially if they have survived human rights abuses

and/or had family members killed or threatened back in their country of origin.

Still, in journalism there's a basic expectation – guidelines at most media outlets make this clear – that reporters should not inject themselves into stories in which they have a vested interest.

At taxpayer-funded USAGM, there were ongoing concerns about the mixing of advocacy and journalism, though frequently management has an interest in encouraging just that.

VOA, for example, maintains an “Experts List” of language service staff able to appear as experts for non-government media. Such appearances help the agency's efforts to portray itself as just another CNN – which it actually is not.

At one point, NBC News interviewed a VOA reporter about the plight of the Yazidi people in Iraq. A chyron during this report read: “Voice of America journalist **and Yazidi activist** Dakhil Shammo on the situation in Iraq between Yazidi faithful and ISIS militants.”

It turned out that the reporter took part in a delegation of Yazidi activists that visited the White House and State Department, **advising the Obama administration regarding the situation in Iraq.**

That was another example of what one former VOA correspondent described as “a slippery slope” in which a federal agency encourages mixing of advocacy and reporting.

Writing in the Columbia Journalism Review, former VOA correspondent Gary Thomas observed that while causes deserve our sympathy “engaging in advocacy . . . taints

news coverage, no matter how well-meaning and noble the cause may be.”

“The politically incorrect secret at VOA,” Thomas continued, “is the wildly inconsistent journalistic acumen of the language services. Some possess a wealth of journalistic expertise; others are woefully bereft. The disparity is explained by the simple fact that it is difficult to find people who are fluent in a given language, and also have experience in the kind of rigorous journalism VOA has traditionally required. Many are academics, here or in their country of origin, but have no journalistic background. The services often turn to émigré communities for recruitment, and a lot of the staffers come from countries where news organizations are expected to be politically partisan or pro-government. Some language services—in particular the Farsi-language service broadcasting to Iran—have been criticized on Capitol Hill and elsewhere for alleged bias in their broadcasts, arising in large part from deep partisan divides over developments or movements in the countries to which they broadcast.”

VOA’s own Best Practices guidelines contain the following admonition (emphases are

mine): “VOA journalists are also reminded they should **not use their professional affiliation with VOA to advocate for political or social causes** and when speaking to outside groups, they should **refrain from taking sides on public issues**. . .staff members should not march or rally in support of public causes or movements or sign advertisements or petitions taking a position on public issues, domestic or foreign...”

The Society of Professional Journalists Code of Ethics states: “Journalists should avoid conflicts of interest, real or perceived. . .that may compromise integrity or impartiality, or may damage credibility.”

Of course, we can all decide where we stand on this issue. But whether it was the showboating emotional statement by the Afghan journalist at the Pentagon briefing, the open letter to Joe Biden by the now former RFE/RL reporter, or as occurred between 2016 and 2020 VOA correspondents staging an opposition campaign against a sitting president – it's all part of the same debate.

Listener’s Notebook

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Times are UTC and frequencies in kHz.

AFGHANISTAN Taliban change the Radio Afghanistan name to Voice of Sharia. Taliban take over radio station after capturing Kandahar. Here in India, we try to catch the 6100. But it is inactive; they are broadcasting only on FM. They stopped to play the film songs. In the meantime, Radio Afghanistan official website was also under

construction. More details awaiting from the monitoring people. (Jaisakthivel-India, Ardic DX Club/Hard Core DX)

I have been keenly monitoring Afghanistan International TV on 7600 which is broadcasting continuously for the last few days. Yesterday & today, I noticed that at exactly 0230 there is a sudden drop in signals (from fair signals to very poor

signals). My assumption is that it may be change of transmitter / power etc. at that time. Request fellow Dxers also to check it then. (Jose Jacob-India, VU2JOS/Hard Core DX) 7600 is an opposition or target broadcast from London so its not the same as Afghanistan on 1107. 7600 seems to be entirely a relay of Afghanistan International, a London-based TV channel run by the same organisation that operates Iran International television, also from London. I don't know about the funding of that organization but it must have very deep pockets to run two 24-hour satellite TV and shortwave services. (Dave Kenney-UK/DXplorer) Radio enthusiasts say they have tracked down Afghanistan International's radio broadcasts as coming from hired shortwave transmitters in Armenia [Gavar] and Uzbekistan [Tashkent]. (Chris Greenway-UK on Twitter 20 August/Shortwave Bulletin)

Volant Media UK Afghanistan International TV via RRTM Telecom Tashkent and via CJSC Yerevan, updated:
0230-1430 on 7599.8vTAC Pashto
1430-0230 on 7600.0 ERV Pashto (DX Mix-Bulgaria)

7600, Aug 18, 1800, Radio Afghanistan International, Dari/Farsi, new clandestine station after Taliban takeover in Afghanistan, broadcast comes from same organization as Radio Iran International, heard with many IDs, news, anti-Taliban, probably in dari language but it is very similar to farsi spoken in Iran. 44333. (Bjarke Vestesen-Denmark/Shortwave Bulletin)

ALASKA Reception of WCB KNLS The New Life Station in English on July 30:
1200-1300 on 7355 NLS English tx#2
1200-1300 on 9795 NLS English tx#1 (DX Mix-Bulgaria)

ARMENIA Additional broadcast of TWR India in English via Yerevan according to A-21 WRTH update July 26:

1430-1500 on 13690 ERV English Mon-Fri, addit.

1430-1500 on 13690 ERV Punjabi Sat, ex Mon-Sat

1430-1500 on 13690 ERV Hindi Sun as scheduled.

1500-1530 on 13690 ERV Urdu Daily FEBA Pakistan (DX Mix-Bulgaria)

AUSTRALIA Although the Radio Australia SW service closed nearly five years ago, the Shepparton transmitter site still stands! I took several photos of the site. The site is now owned by a group of real estate developers. There is a possibility that a radio museum could be developed in the future. (Rob Wagner-Australia/TopNews)

Good signal of Reach Beyond Australia via Kununurra, August 17:

1125-1140 on 11905 Rohingya Daily (DX Mix-Bulgaria)

Good signal of Reach Beyond Australia via Kununurra, August 17:

1200-1215 on 11900 Kannada Mon-Fri (DX Mix-Bulgaria)

BANGLADESH 4750.0, Bangladesh Betar (External Service), on Aug 3. Very pleased to find another day of CNR1 being off the air here; 1225, BB test tone; the English not very readable, but at 1254, another history segment about the "nine-month long Bangladesh War for Liberation" (Ron Howard-CA)

BRAZIL Radiodifusora Acreana reactivated on 4885, heard 0525-0621 on 30 July with Brazilian songs, QRM from co-channel Radio Clube do Pará with Radio Bandeirantes news but stronger than Acreana. Heard ID at 0620 "1 hora 20 minutos...A Difusora esta con você", also checked the program with the Radiodifusora Acreana online signal and it matches. This station is very irregular on shortwave, SIO 232. (Manuel Méndez 30 July/British DX Club)

3365, Aug 2, 2255, Radio Cultura, Araraquara. Sport News, football (soccer) Aguiá Negra FC x Ferroviária FC., id 'aqui na Cultura...'. (Rudolf Grimm-Brazil/Shortwave Bulletin)

4885.011, Radiodifusora Acreana, Rio Branco, 0723 I am hearing them here with a very good but distorted signal. Radio clube do Pará on 4885.027 can be heard underneath at a poor level. (HCDX Via Bryan Clark-New Zealand/New Zealand DX Times)

9550.1, Aug 2, 2044, R. Boa Vontade, Pt.º Alegre RS. Rlgs. propag., mx background. // 11895.244 rtd. 34443, adj. QRM. 35433. (Carlos Gonçalves-Portugal/Shortwave Bulletin)

BULGARIA 9400, Overcomer Ministry via Kostinbrod, English programme, QSL received in 15 days, for report to lastime@overcomerministry.org. (Harald Suess-Austria/British DX Club)

CHILE 5825, R. Triunfal Evangelica(P), Talagante; 10/08, 2318 - 2327 religious music selections. Poor. (Lúcio Bobrowiec-Brazil/The Mosquito Coast)

6925, Radio Compania Worldwide, 11/08, 2155 - 2205 music, male Spanish talks, ToH time pips, seems news programme. Poor, fady. (Lúcio Bobrowiec-Brazil/The Mosquito Coast)

CHINA 4940, Voice of Strait, Fuzhou; 08/08, 1001 - 1005 female in Chinese talks. Good. (Lúcio Bobrowiec-Brazil/The Mosquito Coast)

CLANDESTINE Kashmir Civitas the weekly Kashmiri broadcast via IRRS continues to be heard on Tuesdays from 1500-1530 on 15170. Tony Rogers writes: A recording has been uploaded to YouTube today (30 June 2021) by Kashmir Civitas and a comment which reads "Kashmir Civitas has relaunched our

shortwave radio broadcasts inside the disputed territory of Jammu and Kashmir. We will not be silenced". (Tony Rogers-UK/British DX Club)

Radio Free Kashmir (Reinstated Entry) W: www.kashmircivitas.com Summer Schedule 2021 Eng/Kashmiri/ Urdu 1500-1530 Tue only 15170tig Notes: Originally commenced test transmissions during A20 season (WRTH Update)

The National League for Democracy in Myanmar, ousted by the military junta earlier this year, launched Radio NUG to stay connected with the people. Test transmission began on Friday, 20 Aug 2021 on 17710 and initially will air twice daily for 30 minutes at 8 am and 8 pm, Myanmar local time in Burmese. Radio NUG provides updates on junta abuses, Covid-19 news and self-defense updates. {0130 & 1330 via Madagascar}. Myanmar has been in turmoil since the civilian administration of Aung San Suu Kyi was deposed in a February coup, sparking huge pro-democracy pro-tests and a bloody military crackdown. Dissident lawmakers from her party are behind this radio broadcast. (Sarath Weerakoon-Sri Lanka via wwdxc BC-DX TopNews Aug 21)

New clandestine Radio NUG National Unity Government of Myanmar is on air on August 26:
0130-0158 on 17710 PAO Burmese Thu/Fri
1330-1358 on 17710 MDC Burmese Thu/Fri (DX Mix-Bulgaria)

BRB Denge Welat on 9525 and 11530:
0230-0530 on 9525 ISS Kurdish - fair/good
0530-1300 on 11530 KCH Kurdish - fair/good
1800-2100 on 9525 ISS Kurdish (DX Mix-Bulgaria)

Voice of Assenna (Reinstated Entry) W: www.asenatv.com Summer Schedule 2021 Tigrinya 0500-0530 daily 15150iss

1700-1730 daily 15150iss (WRTH Update)

Radio Itahuka via MBR Talata Volonondry IS NOT ON SHORTWAVE

1800-1858 on 15420 Kirundi Sat, from July 10! (DX Mix-Bulgaria)

Sae Nala Bangsong (New Country Broadcast) (Rlg) Revised Schedule Korean

1600-1630 Wed/Fri/Sunday on 11560tac (ex 7505) (WRTH Update)

Update August 22: 1600-1630 on 9585 Korean Tue/Thu/Sun (DX Mix-Bulgaria)

Radio Ominira Yoruba (New Entry) ‡ W: www.facebook.com/RadioTv-Ominira-Yoruba-109579721340076

Summer Schedule 2021 English/Yoruba

0900-2400 Sat/Sun 9890wof‡ Key: ‡

Broadcasts may have ceased. Operational status is uncertain, at time of publication.

(WRTH Update) Radio Ominira Yoruba/Radio Freedom Yoruba, BUT inactive:

1900-2300 on 9890 WOF Yoruba Fri-Sun (DX Mix-Bulgaria)

People Power Radio* (New Entry) ‡ Summer Schedule 2021 English/Luanda

1500-1530 Sat/Sin/Mon on 15170 Key: *

Name is subject to confirmation; ‡

Broadcasts may have ceased. Operational status is uncertain, at time of publication.

(WRTH Update)

Raadiyoonii Dirree Shaggar (RDS) (New Entry) W: www.oromiapublicmedia.com

Summer Schedule 2021 Oromo 1600-1630 daily 15415iss (WRTH Update)

WRMI broker (DX Mix-Bulgaria)

JY Radio ‡ Revised Complete Schedule Tigrinya

1600-1645 Thur/Fri/Sat 17890iss Key: Operational status uncertain at time of publication, but believed to be inactive.

(WRTH Update)

Dimtse Woyane Tigray via TDF Issoudun, August 23:

1500-1600 on 17750 Tigrinya (DX Mix-Bulgaria)

Radio Tigray Media House on 17750 via TDF Issoudun, August 9:

1600-1700 on 17750 ISS Tigrinya with weak Ethiopian digital noise jamming

1700-1800 on 15340 ISS Tigrinya Dimtse Wegahta Tigray (DX Mix-Bulgaria)

Reception of Dimtse Woyane Tigray via TDF Issoudun August 21:

0400-0500 on 11570 ISS Tigrinya (DX Mix-Bulgaria)

Manara Radio International via TDF Issoudun on August 20:

1600-1700 on 15285.1 Hausa (DX Mix-Bulgaria) Not stable frequency-wise on air.

Seemingly an older TX unit, curtain array leg ISS 'E' of the 80ties, but n o t an ALLISS

modern unit of 1997 year. Wandered 73 up to 96 Hertz above nominal 15285. (Wolfgang

Bushel-Germany via HCDX/Shortwave Bulletin)

Good signal of Dimtse Bayto Yiakl USA via TDF Issoudun, Aug 21:

1630-1700 on 11760 ISS Tigrinya Wed/Sat (DX Mix-Bulgaria)

Voice of Oromo Liberation

1700-1730 on 15420 NAU Afan Oromo Fri/Sun

1700-1800 on 15420 NAU Afan Oromo Wed (DX Mix-Bulgaria)

Dimtse Radio Erena

1730-1800 on 9720 SCB Arabic Wed/Fri

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

Radio Dap Loi Song Nui/Vietnam Democracy Radio via Paochung, August 22:

1230-1300 on 9670 PAO Vietnamese. Good signal. (DX Mix-Bulgaria)

Voice of Martyrs on nominal frequency via RRTM Telecom Tashkent on August 15: 1200-1230 on 9930 Korean, ex 9929.8v (DX Mix-Bulgaria)

CDNK North Korean Democratization Committee via RRTM Telecom Tashkent, August 21: 1400-1430 on 9900 TAC Korean Tue/Thu/Sat (DX Mix-Bulgaria)

COLOMBIA La Montana Colombia, Maicao, August 18: from 0404 on 4940 MIA 001 kW Spanish. Fair (DX Mix-Bulgaria) 4940, La Montana Colombia, Maicao, 1008, I was expecting to hear V of the Strait at this hour, but this was definitely SP with lots of relig music and preaching, Sunday xmsn, perhaps a special broadcast, fair to good signal, not there the following morning (07/18). (XM /The Mosquito Coast)

CONGO Radio Congo, Brazzaville has been heard again on 6115. It was reported on 19 July by Brazilian DXer Carlos Latuff. Subsequently it was confirmed by Manuel Mendez with news in French at 1800 including many "Radio Congo IDs" to close at 1830. On 22 July Manuel heard Radio Congo on 6116 at 0557 and on 23rd it came on at 0551 and at 0522 on 26 July. Nominal airtime is 0500-1830v A Radio Congo technician had written to Christoph Ratzer earlier this year saying that this frequency (6115) was no longer used but perhaps it was off the air due to a fault which has now been repaired. (British DX Club)

6115, Aug 14, 1817, Radio Congo, Brazzaville, French, news, at 1830 extended program, Vernacular comments and African songs. At 1900 eclipsed by China Radio International signing on on 6110 with Russian program. (Méndez-Spain/Shortwave Bulletin) 6115, Aug 11, *0538-, Radio Congo, suddenly came on at *0538; already in

progress; usual kalimba music at 0545. Since their recent reactivation, reception has been very decent (better than in the past!). (Ron Howard-CA/Shortwave Bulletin)

CUBA 11880, RHC, report submitted via email. Nice full data QSL card received with other promotional materials by post after 30 months. Email address: radiohc@enet.cu. (Ratan Kumar Paul-India/Asian DX Review)

DENMARK WMR's weekend-only 15790 transmitter broke down on 18 July. Stig Hartvig Nielsen wrote on 24 July "It may take some time before WMR is back on 15790. Meanwhile WMR is still audible 24/7 on 927, 5930 and 25800". (British DX Club) As from today World Music Radio (WMR) is back on 15790 (Saturday-Sunday 0700-2000) but with 10 Watts only. (Stig Hartvig Nielsen-Denmark via HCDX/Shortwave Bulletin)

World Music Radio (WMR)
0000-2400 daily 25800maa* (add) Key: *
Power 0.1kW. (WRTH Update)

15790, World Music Radio, e-QSL in 66 days. Reception Report in English sent to: wmr@wmr.dk. (Christian Ghibaud-France/DX Fanzine)

EGYPT Radio Cairo continues to register shortwave frequencies but the SW transmitters have remained inactive for two years or more. Peter Jones wrote to the station and had an email confirming they are not on shortwave but that their live streaming is now working. English is at 2115-2230. (Peter Jones 30 June/British DX Club)

ENGLAND Reception of BBC World Service in English via ENC-DMS Woofferton, August 16: 0500-0600 on 3955 WOF English DRM (DX Mix-Bulgaria)

FRANCE Reception of TDA Telediffusion d'Algerie in Arabic via TDF Issoudun, August 7:

0400-0459 on 6050 Holy Qur'an. Good signal (DX Mix-Bulgaria)

Reception of FPU Radio Tamazuj in English via TDF Issoudun, August 20:
from 1545 on 15400 ISS English Fri (DX Mix-Bulgaria)

Frequency changes of Radio France International from September 5:
1200-1230 on 17815 ISS Mandingo
1200-1300 on 15300 ISS French
1200-1300 on 17620 ISS French
1200-1300 on 21690 ISS French
1300-1330 on 15300 ISS Fulfulde
1500-1600 on 25775 ISS Swahili
1700-1800 on 15300 ISS French
1700-1800 on 17850 ISS French (DX Mix-Bulgaria)

6105, NHK World – Radio Japan via Issoudun, Japanese programme. QSL received in 203 days for report to nhkworld@nhk.jp. (Harald Suess-Austria/British DX Club)

GERMANY Effective from August 16 Brother Stair, The Overcomer Ministry is again on air via Channel 292 frequencies: 3955; 6070 and 9670 about 440 hours per week except for booked transmissions of other clients, because this will keep station on air, for some time. (DX Mix-Bulgaria)

Very good signal of Evangelische Missions Gemeinden via MBR Nauen, August 1:
1030-1100 on 6055 German Sat/Sun (DX Mix-Bulgaria)

Reception of NHK World Radio Japan in Russian via MBR Nauen on August 6:
0430-0500 on 6165 NAU Russian (DX Mix-Bulgaria)

Reception of TDA Telediffusion d'Algerie in Arabic via TDF Issoudun, August 7:
0500-0559 on 7295 Holy Qur'an
0500-0559 on 9535 Holy Qur'an

0600-0659 on 9620 Arabic Holy Qur'an (DX Mix-Bulgaria)

Very good signal of HCJB/Voice of The Andes via MBR Nauen, August 21:
1529-1629 on 13800 Russian/Chechen Sat only (DX Mix-Bulgaria)

6055, Evangelische Missions Gemeinden via Nauen. German programme. QSL received in 6 days for report to: info@missionsbote.de. (Jacques Augustin-France/British DX Club)

GUAM Reception of FEBA Radio India via KTWR Trans World Radio Asia Agana on August 20:
1245-1300 on 11590 English Sun-Wed. Very good (DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in English DRM via Agana, August 21:
1058-1127 on 9910 TWR English Sat DRM (DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in Japanese DRM via Agana, August 14:
1128-1230 on 9910 TWR Japanese Sat DRM (DX Mix-Bulgaria)

Reception of Trans World Radio TWR India in Kazakh via Agana on August 16:
1427-1430 on 9910 Trans World Radio TWR India Interval Signal
1430-1445 on 9910 Kazakh (DX Mix-Bulgaria)

Additional frequencies via KTWR Trans World Radio Asia from July 31:
1500-1600 on 9675 TWR Korean Tue-Sat BRB A-21 HFCC
1500-1600 on 9900 TWR Korean Tue-Sat BRB A-21 HFCC
1500-1600 on 9975 TWR Korean Tue-Sat BRB A-21 HFCC. Probably new time and frequency for BRB Living Water Ministry via KTWR Agana. (DX Mix-Bulgaria)

GUATEMALA Only remaining Guatemalan SW broadcaster Radio Verdad has been inactive on 4055 following a transmitter outage several months ago. Station manager Dr Madrid says its unlikely to be repaired until 2022 as the Canadian engineer is unable to visit at the moment due to the pandemic. (Manual Mendez-Spain/British DX Club)

INDIA DRM transmissions on SW have restarted from AIR Bengaluru as follows: 1930-2030 on 9620. AIR External Services in French to Europe. Reception Reports appreciated to drmofallindiaradio@gmail.com copy to: spectrum-manager@prasarbharati.gov.in and sptairynk@rediffmail.com. (Jose Jacob-India, VU2JOS/DX India)

Unscheduled broadcast of All India Radio in Punjabi/English, August 17:
1327-1333 on 11560 BGL Punjabi/English, instead of Dari from 1330
1333-1430 on 11560 BGL Dari Sce All India Radio as scheduled in A21 (DX Mix-Bulgaria)

4760, AIR Leh is heard these days from about 1230 until 1700 or so. (Victor Goonetilleke-Sri Lanka/DXplorer)

INDONESIA 4749.95, VOI, via Cimanggis/Jakarta, weak, but clearly // 3325 via Palangkaraya, 1211-1214, with patriotic song "Garuda Pancasila", after the news in Japanese; heard only on 3325, at 1308, the patriotic song "Bagimu Negeri" (For You Our Country), after the news in English. I find it interesting that VOI doesn't always play the same patriotic song; 1311, segment about the Olympics. My local sunrise was at 1315. (Ron Howard-CA)

IRAN PARS Today (Voice of the Islamic Republic of Iran) (Gov):
1420-1520 daily 11600sir (ex 9625) Bengali
1420-1520 daily SAs 9510sir (add) Hindi (WRTH Update)

11600, IRIB, email report submitted with audio file f/d eQSL received in 6 days. V/S Mojtaba Ebrahama, Director, Radio Teharan Bangla. Email: radiotehran1982@gmail.com. (Pradip Chandra Kundu-India/Asian DX Review)

JAPAN Good signal of NHK World Radio Japan via Yamata on August 6:
0525-0530 on 11790 NHK World R. Japan Interval Signal
0530-0600 on 11790 Russian (DX Mix-Bulgaria)

KOREA (North) 11735, Voice of Korea (Kujang) at 0632 in French, man and woman, music, choir. - Good, //13760 fair, Aug. 12. (Harold Sellers-BC/Sellers)

KOREA (South) 6045, Aug 7, 1020, Voice of Freedom back to alternate 6045 (ex: 5920), 1020+. Seems no one at this station ever actually listens to their SW signal; ex 5920 found totally free of jamming today, while 6045 always has super white noise jamming. At 1050, could make out the distinctive start of the "Ulisoli hanmadang" (Our sound festival) program, with indigenous music. To really enjoy this station again, we will have to wait for them to return again to clear 5920. (Ron Howard-CA/Shortwave Bulletin)

11810, KBS World Radio, English programme. QSL received in 180 days for report to: english@kbs.co.kr with Mp3. (Dario Gabrielli-Italy/British DX Club)

KUWAIT 15539.706 now stable on this fq slot, not wandering effect observed at 1821 on Aug 14. English news from R Kuwait in AM mode (not DRM digital tonight) at 1830. Scheduled 260 kW at 310 degrees. Heard at various KiwiNet and Perseus_net SDRs tonight in Delhi, Greece and western Europe, as well on KiwiSDR#4 direct in local Kuwait ham radio society gear. (Wolfgang Bueschei-Germany df5sx/Hard Core DX)

Reception of MOI Radio Kuwait via Kabd Sulaibiyah on August 24:
0500-0800 on 15530.0 KBD English (DX Mix-Bulgaria)

MADAGASCAR FPU Radio Tamazuj in Juba Arabic via Talata Volonondry on August 7:
0329-0427 on 11650 Juba Arabic (DX Mix-Bulgaria)

FPU Radio Dabanga in Darfur Arabic via Talata Volonondry on August 7:
0429-0457 on 11650 Darfur Arabic (DX Mix-Bulgaria)

MALAYSIA 9835, RTM Sarawak-FM verified with a full data e-QSL in 14 days for a report sent to: pnk_rtmkajang@rtm. (Kazuaki Oikawa-Japan/Japan Shortwave Club) 9835, RTM Kajang Sarawak FM. Reception report submitted with audio files via email. Beautiful f/d eQSL received in a week. V/S Abdul Bin Mohamed, Chief Asstt. Director, Transmitter Technical Section, Kajang. (Pradip Chandra Kundu-India/Asian DX Review) 9835, Sarawak FM, 1301, on Aug 4. Decent reception; news in vernacular, which was // 11665 (Wai FM, which continues to have poor audio); ended being // after the news (1310); 9835, then pop songs; heard my favorite station's slogan in English - "Now the ultimate power in the universe, . . Sarawak FM". (Ron Howard-CA)

11665, RTM Kajang WaiFM. Reception report submitted with audio files via email. Beautiful f/d eQSL showing Malaysian city at night received in 3 days. V/S as above. Email (for both): pnk_rtmkajang@rtm.gov.my. (Pradip Chandra Kundu-India/Asian DX Review)

MALI Good signal of ORTM Radio Mali in French via Bamako, August 11:
0600-0800 on 5995 BKO French (DX Mix-Bulgaria)

5995, Radiodifusion Television du Mali (Bamako) already on at 0549 tune-in with Malian stringed instrument music and vocals, continued past 0600. Poor, Aug. 12. (Harold Sellers-BC/DXplorer)

MOLDOVA New registered frequency via Grigoriopol, August 6 Broadcaster NEW; Frequency Management Organisation Radio-Agency-M:
1600-1645 on 9900 KCH unknown language. (DX Mix-Bulgaria)

BBC Farsi programme via Kishinev-Grigoriopol. Email report submitted to PRTC and beautiful eQSL received from Administration of Pridnestrovsky Radio Telecentr within a few hours. Email: prtc@idknet.com. (Pradip Chandra Kundu-India/Asian DX Review)

7485, BBC via Grigoriopol-Maiac. Farsi programme, eQSL received from transmitter site in 5 days, for report to prtc@idknet.com. (Harald Suess-Austria/British DX Club)

MONGOLIA Reception of Voice of Mongolia in English via Ulaan Bataar, August 11:
0900-0930 on 12084.9v English (DX Mix-Bulgaria)

The Mongolian National Public Radio and Television (MUONRT) has published a report on its activities for 2020. It contains information about the work of the external broadcasting structure "Mongolian duu Hooloi" ("Voice of Mongolia" / Voice of Mongolia). So over the past year, a total of 1,680 hours of broadcast were accumulated by the Mongolian foreign broadcasting (784 hours of the original broadcast and 896 hours of repeats, taking into account the pandemic year). In 2020, The Voice of Mongolia received 1,630 letters from listeners from 35 countries. This is 34% less than a year earlier. The audience from Japan was the most active. The Chinese-language

broadcasting service paid great attention to communicating with listeners, the report notes. The dialogue with the audience is conducted, in particular, in Wechat and through the "VOM China Broadcasting Listeners Group". In 2020, English-speaking listeners were given the opportunity to follow the Voice of Mongolia broadcasts broadcast via a shortwave transmitter in Germany. The management of the MUONRT noted that the decision to broadcast through Germany was made to increase the number of listeners in Europe. Voice of Mongolia broadcasts on short waves in Mongolian, English, Japanese and Chinese daily. The operating frequencies are 12085 and 12015 and additionally 6005 (in English via Shortwaveservice, Kall-Krekel Germany). (via Anatoly Klepov-Russia, RUSdx #1145 via wwdxc BC-DX TopNews August 8)

MYANMAR 5985, Aug 11, 1248, Myanmar Radio1. The Wednesday edition of language lesson "Say It In English"; semi-readable; a different show will be aired this Friday. I first heard today's show back on Dec 13, 2017. (Ron Howard-CA/Shortwave Bulletin)

NETHERLANDS Offshore Radios in Netherlands, updated on July 25/27 and 28: Offshore Music Radio Rockpower via Nijmegen, updated July 27:
0800-1700 on 7220 NIJ 001 kW Dutch/English, ex 1000-1700
Classic Radio Sunday via Radio Piepzender on Sundays via Zwolle as July 25:
1800-2100 on 3920 ZWO 0.2 kW Dutch/English, ONLY Sat/Sun
1800-2100 on 6185 ZWO 0.2 kW Dutch/English, ONLY Sat/Sun
Radio Europe Netherlands via Alphen aan den Rijn, updated on July 28:
1500-2300 on 6170*AAR 001 kW Dutch new time, ex 0000-2400 (DX Mix-Bulgaria)

Mike Radio Notes: The station no longer holds a broadcasting license. The station's web site informs: "Irregular broadcasts can

be found on different frequencies in medium wave or shortwave band". Recently, it has been reported as transmitting on or around the unauthorized (for broadcasting) frequency of 6290. Should this station remain unlicensed, it will be removed from the next WRTH publication, as per our policy. (WRTH Update)

Rockpower (New Entry) W: www.n3tx.com: Summer Schedule 2021 English
0000-1700 daily Eu 7220nij* Key: *
Alternative frequencies: 7215 kHz, used irregularly (WRTH Update)

Radio (Jong) Europa (Radio Europe Netherlands) (New Entry) Summer Schedule 2021 Dutch
0000-2400 daily Eu 6170aar* Key: *
Occasional test transmissions s (WRTH Update)
1400-2300 NF 6115 AAR 001 kW Dutch in A-21 HFCC from August 15, ex 6170 (DX Mix-Bulgaria)

Good signal of Brazilian Radio Onda ASBL via Margraten, August 8:
from 0753 on 6140 MRT 001 kW Portuguese Sat/Sun (DX Mix-Bulgaria)

NIGERIA 7254.9, Aug 14, 0607, VON, Abuja Lugbe, Hausa, comments. (Méndez-Spain/Shortwave Bulletin)

PAPUA NEW GUINEA I continue to check almost daily for the return of NBC's last heard two stations – NBC Madang on 3260 and NBC Bougainville on 3325, but they both maintain their long-standing silence. (Ron Howard-CA/Shortwave Bulletin)

PERU 5025.017, Radio Quillabamba Cusco, at 0058. Male announcer in Spanish. Verified by online stream. Signed off at 0212 although their scheduled sign off time is 0200. Many thanks to Radio Rebelde for being off the air. Very thankful that something was wrong at

Havana! (Barry Bankston N4IJN-TN, hcdx ng Aug 6/TopNews)

PHILIPPINES Vatican Radio in Russian via USAGM Tinang, August 15:

1230-1250 on 9610 Russian (DX Mix-Bulgaria)

1230-1250 on 11850 Russian (DX Mix-Bulgaria)

Reception of Vatican Radio Mass in Chinese via USAGM Tinang on August 7:

1230-1310 on 9720 Chinese Sat. (DX Mix-Bulgaria)

FEBC Radio Teos via Bocaue, August 15:

1500-1530 on 9920 Russian Daily &

1530-1600 on 9920 Ukr/Rus Sun only (DX Mix-Bulgaria)

9615, Voice of America (Tinang) at 1330 signing on "Welcome to the Voice of America in Khmer.", into Cambodian with announcements and music followed by news. Good, Aug. 21. (Harold Sellers-BC/DXplorer)

15190, Radyo Pilipinas, Manila, Tagalog & English mixed programme. eQSL received in 1 day promising a QSL if Covid situation will give possibility to send by mail, for report to dzrp.radyopilipinas@gmail.com. (Harald Suess-Austria/British DX Club)

15450, FEBC Hong Kong, also named as Liangyou Radio via transmitter Tinang, Mongolian program, QSL received in 57 days, for report to febcb@febchk.org. (Harald Suess-Austria/British DX Club)

RUSSIA 9996, RWM-Timesignal, Moskau, Time signal programme. QSL received in 20 days for report to gsvch@vniiftri.ru. (Harald Suess-Austria/British DX Club)

SAUDI ARABIA Saudi Radio plans to launch test transmission of a 24-hour Urdu service from the middle of September 2021, while the services will be formally launched on 23

September, a Saudi official said. The transmission will include programmes on Islam, the holy Quran, Ahadis and historical and world affairs. Saudi Broadcasting Authority deputy chairman Faisal Ilyafi said this, while talking to a delegation of the Pakistan Journalists Forum (PJF). The world transmission was started from the holy city of Makkah in September 1950 with a 15-minute slot for the Urdu programme, he said, and stressed that it is the need of the hour to face challenges and keep ourselves abreast of the changes in media. The deputy chairman said any language has a supreme significance to disseminate news-cum-events, that's why many foreign languages such as Russian, Spanish, Japanese, Hebrew and Chinese would be part of the transmission. (bolnews.com 19 July via Alan Pennington-UK/British DX Club)

Fair signal of BSKSA Radio Saudi International RSI in French via Riyadh, August 18:
1357-1555 on 17660 RIY French. (DX Mix-Bulgaria)

Saudi Radio International (Saudi Broadcasting Authority) (Gov) Arabic 0900-1400 daily 17570riy* (add) Key: * Quran prgr. (WRTH Update)

SINGAPORE TWR Asia (Rlg) English 1000-1045Sunday 11965twr (del) (WRTH Update)

SOLOMON ISLANDS 9545, SIBC, Honiara, 0450-0713, 08-08, extended program today, usual closing time at 0500, English, news, comments, songs, news at 0700, ID: "Your are listening to the Solomon Islands Broadcasting Corporation from Honiara". Heard via SDR Kiwi remote receivers in New Zealand with good signal, only extremely weak signal detected directly in Friol, NW of Spain on LSB, unintelligible comments. (Manuel Mendez-Spain/Hard Core DX) 9545, Aug 8, 0450, SIBC, Honiara, extended

program today, usual closing time at 0500, English, news, comments, songs, news at 0700, ID "Your are listening to the Solomon Islands Broadcasting Corporation from Honiara". (Méndez-Spain/Shortwave Bulletin) 9545, Aug 8, 0502, SIBC, Voice of the Nation, 0502-0745; religious music (0502-0515); sounded like a religious sermon (0516-0533); in English at 0700, with calliope and news/sports/weather, followed by "FM 96.3 ... S-I-B-C, Voice of the Nation"; good number of series of commercial announcements; more segments of religious music; at times almost fair. This is especially nice when they do not switch frequency to 5020, at 0500. (Ron Howard-CA/Shortwave Bulletin) 9545, SIBC, Honiara. Fair signal through the local midday period, mx and occasional anncts. 0245, 3/8. (Seager-Australia/Australian DX News) Music px 0420 noted poor with fades 5/8, then called John Smith in BNE who could just hear the signal then gave a call to Dennis Allen down the locked-up road at Milperra in Sydney. Signal got better at s/off 0458 same mx px. (Wright-Australia/Australian DX News) 9545, Aug 14, 0500, SIBC, Honiara, very erratic. Yesterday Saturday 9545 on air, closing at its usual time, 0500. Today Sunday, out of the air 9545 (checked 0440-0500), and out of the air 5020 too, checked at 0600, 0640, 0700 and 0730. Vanuatu also out of the air like past days, nothing on 2485, 3945, 5040 and 7260, from 0500 to 0730. (Méndez-Spain/Shortwave Bulletin)

SPAIN Radio Exterior de ESPAÑA (REE) (Pub) Notes: Transmissions listed for 11685 may be broadcast on the alternative frequency of 11670 (WRTH Update)

SRI LANKA Sri Lanka Broadcasting Corporation (SLBC) (Pub) Hindi 0200-0230 daily on 11905trm (add) (WRTH Update)

11750, City FM (SLBC), eQSL in 1 day, v/s Victor Goonetilleke. E-mail address: [victor](mailto:victor.broadcaster@gmail.com).

broadcaster@gmail.com. (Vashek Korinek-South Africa/DX Fanzine) Victor recently confirmed an AWR broadcast for me. (RAD)

TAIWAN Additional two new frequencies of USAGM Radio Free Asia via Paochung:
1200-1258 on 9580 PAO Korean
1300-1358 on 9560 PAO Korean (DX Mix-Bulgaria)

Good signal of USAGM Radio Free Asia via Paochung on August 5:
1200-1258 on 9580 PAO Korean+jamming (DX Mix-Bulgaria)

THAILAND HSK9 Radio Thailand World Service in English via Udorn Thani, August 6: 1230-1300 on 9390 English (DX Mix-Bulgaria)

7475, Radio Thailand, Bangkok, German programme. QSL received in 105 days, for report sent to: rthworldservice@gmail.com. (Harald Suess-Austria/British DX Club)

9390, Radio Thailand at 1400 sign-on with gongs, "This is HSK9, Radio Thailand...", stating English broadcast for listeners in the United States, West Coast; news headlines and news. Fair, Aug. 21. (Harold Sellers-BC/DXplorer)

USA WLC Radio (Rlg): 9330, 9800, 13840, 17700. Notes: The 500kW 'Super Station' transmitter on 9330 that is used by WLC radio, is currently off-air awaiting repair. WLC Radio is currently being broadcast via a lower power backup transmitter, so signal strength and/or readability maybe lower than usual. (WRTH Update) An Open Letter from Allan Weiner: I write this memo out of total frustration with my government, pertaining specifically to the FCC. About one year ago I tendered an application to purchase WHRI international shortwave radio in South Carolina USA to add to the family of WBCQ free speech radio stations. Since then, the FCC has refused to act and

grant me my request to purchase the station. Normally this request would take around six weeks to process. Repeated attempts to communicate with the FCC and its personnel have gone unanswered. Both by me and my FCC attorney. As a long time shortwave broadcaster, I do not understand why the big holdup. I am an American citizen and have a right to buy a radio station. My attorney has suggested that this has gone beyond just a processing delay and that the FCC is against me broadcasting religious content on the radio. This is directly against my first amendment constitutional rights. I am doing all that I can to preserve free speech on the radio airwaves. (Allan Weiner WBCQ Radio/British DX Club)

Reception of WRNO Radio, August 16:
till 0404 on 7505 English/Hindi (DX Mix-Bulgaria)

Radio for Peace International (RFPI) French
2000-2100 Tue 7780rmi (not English) (WRTH Update)

UZBEKISTAN Reception of Adventist World
Radio via RRTM Telecom Tashkent, August 7:
1200-1300 on 12104.8vTAC
Chinese/Cantonese (DX Mix-Bulgaria)

Volant Media UK Radio Iran International via
RRTM Telecom Tashkent (very rarely on
nominal), updated:
0230-0600 on 12019.8vTAC Persian
0600-1600 on 15629.8vTAC Persian
1600-0230 on 9929.9vTAC Persian (DX Mix-
Bulgaria)

VANUATU One more day missing it, no
signal on 2485, 3945, 5040, 7260. (Manuel
Mendez-Spain/Hard Core DX)

VENEZUELA 6205, Radio Onda Corta
Venezuela ROCV, El Tigre, 6205, is on air
again as reported by its engineer Gregorio

Kina in the ROCV WhatsApp group. Checked
via SDR remote receiver in Bonaire, heard
right now, 1300-1311, 08-08 with
Venezuelan songs, "LLaneras" and others, ID:
"Somos Radio Onda Corta Venezuela, El
Tigre", "En Venezuela son las ...". Fair signal.
(Manuel Mendez-Spain/Hard Core DX)

VIETNAM Voice of Vietnam via Sontay,
August 6:

1130-1158 on 9840 SON English, ex 9839.75v
1130-1158 on 12020 SON English, ex
12018.65v (DX Mix-Bulgaria)

Aug 4 - Thanks to Barry Bankston and Wolfie
for the alert regarding change of VOV
frequencies info via WOR iog. 9840.0 //
12020.0, at 1215, in Japanese with fairly
strong signal; stopped audio for several
minutes before the 1230 start of the English
segment, which was very well heard, but
that only stayed on for a few minutes till it
was cut off to change the antenna; later
came back on, only to have very poor
reception/unusable. The antenna setting
used for the Japanese segment works
wonderfully for reception here on the coast.
(Ron Howard-CA)

ZAMBIA 11680, Voice of Hope (Makeni
Ranch) at 0439 with preacher, 0452
Abounding Grace Radio program closing,
from United Reform Church of Escondido,
website, prayer, 0457 music to 0500
announcement, song continuing past 0500.
Fair-good, //9680 poor to nil, Aug. 12.
(Harold Sellers-BC/DXplorer)

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

Pirate Radio Report

Brian Penney • 30 Acorn Way • Brewster, MA 02631 • swradio@comcast.net

Welcome to this month's installment of the PRR.

The bands have been fairly active given that it is summer and most folks have been outside enjoying themselves. Here on Cape Cod, summer has been in full-swing with many out-of-town guests enjoying our beaches and attractions. Labor Day weekend may entice a few operators to take to the airwaves, so spend some time behind the dials between cookouts and other outdoor activities. September is a great month to do a thorough inspection of your outdoor antenna system and make any appropriate repairs before the onset of colder weather. Don't forget to inspect your grounding system as well.

Pirate radio activity continues to be robust with many stations taking to the airwaves. The legendary DJ Dickweed of Radio Free Whatever surprised listeners on August 1st and August 7th, when he encouraged listeners to call-in to the new "Bunker Hotline." A few listeners called in and it was very entertaining. Radio Genix, a "newer" station to the pirate bands, has been active lately on 6950 kHz USB and building their music library with very entertaining playlists from the eighties. Wolverine Radio has showed up a couple times. Mix Radio International has been testing different frequencies while playing cool jazz, and Zeke has been very active with his cornucopia of named stations. Remember, you have to monitor the bands to hear a pirate!

I'd like to take a moment to touch on SSTV (Slow-scan Television) images and the use of this mode by HF pirates. Many HF pirates send SSTV images as part of their broadcast. Currently, the most active stations to send SSTV images have been; Pee-Wee, Outhouse Radio and Wolverine Radio. There are of course other stations who use this mode as well. In order for you to decode these images, you're going to need a computer or phone that runs a third-party software. I use a PC running Windows 10, and these are the programs I use to decode SSTV images; MMSSTV, RX-SSTV, Black Cat SSTV. You want to be ready to decode a SSTV image when it is sent. So instead of fumbling around to start your decoding application, do what I do and fire-up one of these SSTV programs as well as your rig, get it set up and waiting, because you never know when a station will transmit an image!

On to our logs. Many thanks to this month's contributors: Glen Hauser, Chris Lobdell, Greg Majewski and Gianni Serra and Mark Taylor.

4855.06-AM, PIRATE-EUROPE
UNIDENTIFIED RADIO. 2008-2038, 08-06-21. Ongoing rap, rock, disco, etc. songs (Earth, Wind & Fire's Let's Groove), man dj brief unclear talk very rarely; poor/almost fair. (Serra-Italy)

4864.99-AM, PIRATE-EUROPE. **MYSTERY RADIO 21.** 2256-2317, 07-31-21. Playing various kinds of songs (pop, techno pop), w/ man dj brief enhanced talk w/ ID at times, woman ID at 2315, almost fair. (Serra-Italy)

5799.98-AM, PIRATE-EUROPE. **MIKE RADIO**. 1848-1852:53, 08-15-21. Playing a song, man dj enhanced talk above some music on/off, mentioned Mike Radio at times. Thank you for listening, then pulled the plug at 1852:53. Good. (Serra-Italy)

5879.99-AM, PIRATE-EUROPE. **RADIO ROCK REVOLUTION**. 2030-2047, 08-15-21. On-going rock songs, man dj ID w/ hoarse voice at 2040, Almost fair/poor. (Serra-Italy)

6289.96-AM, PIRATE-EUROPE. **RADIO RONALISA**. 1738-1756, 08-13-21. Playing various songs and music, man dj brief unclear talk at 1741 and at 1753. Barely audible/poor at times (Serra-Italy)

6285-USB, PIRATE-NA. **X-FM**. 0313, 08-08-21. End of rock song, Redhat with shout out to a different Mark describing his location as "somewhere under the stars," another shout out, ID, mentioned he will be on another hour or so, more chat, e mail, taking reports from e mail, HF Underground or Shortwave Café (?), accurate TC, ID into music, produced ID into program of more music and talk until I pulled the plug about 0330. Fair to good. (Taylor-WI)

6860-AM, PIRATE-NA. **WDOG**. 0059-0135. 07-24-21 S9 Rock, pop by Cyndi Lauper, B52s, Jefferson Airplane, etc. Nice audio (Lobdell-MA)

6860-USB, PIRATE-NA. **MIX RADIO INTERNATIONAL**. 0148, 08-07-21. Mellow electronic jazz, 0151ID mellow instrumental, ID sequence into mellower electronic music. Fair. (Taylor-WI)

6880-AM, PIRATE-NA. **FOXY AM**. 0002-0003, 08-01-21. This was a poor signal just above the noise. It was better in USB than AM. (Majewski-CT)

6925-USB, PIRATE-NA. **RHINO RADIO**. 2355-0000, 07-31-21. Zeeky was on with different station name. He was talking about shortwave radio and the differences between the two studios he uses. Played Cherry Bomb by John Cougar. Fair/Good Signal. (Majewski-CT)

6925-USB, PIRATE-NA, **CAMELBACK RADIO**. 0012-0014, 08-07-21. Played the 1964 version of Simon and Garfunkel Sounds of Silence. Good Signal. (Majewski-CT)

6925-USB, PIRATE-NA. **CAT'S EYE RADIO**. 0047- 0152+ 07-18-21 Mx by Faith Evens, Snoop Dog, talk by Zeeky. Changed freq to 6950 ate 0109. S8 (Lobdell-MA)

6925-AM, PIRATE-NA. **YEAH MAN RADIO**. 1339-1420* 07-18-21. Jazz tunes by Art Farmer. S8 (Lobdell-MA)

6930-USB, PIRATE-NA. **OUTHOUSE RADIO**. 0128, 08-07-21. Hard rock, SSTV (late start here with "Outhouse Radio" at bottom,) back to hard rock, 0142 Outhouse talks some giving an ID at the end, electric blues, Easypal send (didn't have it on), off. Fair. (Taylor-WI)

6931-USB, PIRATE-NA, **KIND RADIO**. 0009 - 0112, 08-09-21. Indie Folk songs, at 0009 ID as "My name is Kind Radio". Dead air in between songs. Nice music, all which were new to me. Nice Show. Fair/Good Signal. (Majewski-CT)

6935-AM, PIRATE-AM. **BLACK STAR RADIO**. 0049-0210+ 07-25-21 Program of David Bowie tunes, nicely produced! S8 (Lobdell-MA)

6950-USB, PIRATE-NA. **WOLVERINE RADIO**. 0109-0125, 07-25-21. A show with a theme of songs that had the word "In" contained in the title. ID at 0120. At 0125, a slow scan

picture and then off. Good signal. (Majewski-CT)

6950-USB, PIRATE-NA. **RADIO FREE WHATEVER.** 0005-0150, 08-01-21. DJ Dickweed with a long show. ID at 0007. He gave out a telephone for listeners to contact him and be on the air. Played a lot of new music, Nervous by Madi Diaz, Holiday by Adult Book and others. He talked about Starlink Internet Service. Zeeky called in and they talked about their stations and shortwave listening. A nice long show, very enjoyable. Good Signal. (Majewski-CT)

6950-USB, PIRATE-NA. **RADIO FREE WHATEVER.** 0104, 08-01-21. Rock music vs heavy storm noise from next county, Grant. I leave it to lots of IDs on HFU as Radio Free Whatever. (Hauser-OK)

6950-USB, PIRATE-NA. **WOLVERINE RADIO.** 0057, 07-25-21. Reggae music, at 0056 UTC, "Waiting In Vain"-Bob Marley & The Wailers`, Keyword theme this time is songs with ``In`` in the title! What preposition will be next? S9. (Hauser-OK)

6950-USB, PIRATE-NA. **RADIO GENIX.** 0011-0103, 08-14-21. Id at 0025, Played A Ha Take on Me, Tears for Fears, Funky Town, CCR Who will Stop the Rain, Tin Lizzy, Boys are Back in Town, and others. Nice show with a Good Signal. (Majewski-CT)



Example of decoded SSTV Image

6950-AM, PIRATE-NA. **WDOG.** 0040- 0049, 08-15-21. ID at 0048 as WDOG, Played Allman Brothers, Bad Finger and others. Fair/Good Signal. (Majewski-CT)

6954.98-USB, PIRATE-NA. **OUTHOUSE RADIO.** 0103, 07-25-21. Distorted music, just came on, not before 0100; 0106-0106.5 pause which would have been just right for a full ID, but silence until blues music resume. HFU w/ fuzzy SSTV images with ID as Outhouse Radio. S9. (Hauser-OK)

6960-USB, PIRATE-NA, **MIX RADIO INTERNATIONAL.** 0017-0020, 08-07-21. Instrumental music with an ID (0019). Fair Signal. (Majewski-CT)

6960-AM, PIRATE-NA. **BALLSMACKER RADIO.** 0106-0157+ 07-24-21 Tonight's theme was "red". Tunes by The Cyrcl, 1910 Fruitgum Co. S9 with fades. (Lobdell-MA)

6974-AM, PIRATE-NA. **NOWHERE RADIO.** 0137-0211+ 07-19-21. S3 New age rock tunes just above the noise floor. (Lobdell-MA)

6980-AM, PIRATE-NA, **RADIO FREE WHATEVER.** 0004 - 0200, 08-07-21. Nice long show of good music, at 0005 identified with German accent, Radio Free Wat De Var (having a bit of fun). Gave a shoutout to the posters on the HF Underground Web site, most of the music was Indie songs. I did not know them, but, good listening. Good/Excellent Signal (Majewski-CT)

9610-USB, PIRATE-NA. **MIX RADIO INTERNATIONAL.** 0038, 07-31-21. Hard rock at S7-S8 into Missouri SDR, just arrived that after emitting on 9530 and 9520 as heard since 2320 by Robins & Zichi, Mix Radio International had switched to 9610. It's quite in the clear there; hard rock with breaks for canned IDs and/or addressS9. (Hauser-OK)

Contributors' Page

The following people made contributions to this issue:

The rightmost column is the column key: first letter of column name, except L = Loggings, LN = Listener's Notebook, and LR = Listening Review.

Greg MAJEWSKI , Oakdale, CT	Air Spy HF+, Xiegu G60 SDR	L, P
Mark TAYLOR , Madison, WI	Perseus, Elad FDM-SW2, Airspy HF+ dual & Discovery, various portables; W6LVP loops, Welbrook ALA 100 N	L, P
Rich D'ANGELO , Wyomissing, PA	Ten-Tec RX-340, Drake R-8B, Eton E1, Eton E5, Alpha Delta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4	L
Vince HENLEY , Anacortes, WA	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.	L
Bill MCDAVITT , Englewood, FL	Kenwood TS-440SAT with DX Engineering DXE-RPA-2 Preamp 75' End Fed Longwire up 40' / Hustler Vertical 5BTW w/35 radials and a buried in ground Alpha-Delta DX-SWL	L
Alan ROE , Teddington, UK	Winradio G31DDC Excalibur/Elad FDM-SW2/SDRPlay RSPdx, Wellbrook ALA1530N Loop	L
Rick BARTON , Sun City, AZ	SW-1, SW-8, SW-2000629, Satellit 205/TR5000, HQ-180A, long wires and Slinky, indoor shortwire and improvised window frame antenna.	L
Jerry BERG , Lexington, MA		LN
Eric BUENEMAN , DXEP Harry S. Truman State Park, Hazelwood, MO	Tecsun PL-600, MFJ-1022 active antenna	L, M
Ed CICHOREK , Somerset, NJ	R75, SW8, ICF2010, MFJ956 outdoor sloper, HF-319 Loop	L
Gianni SERRA , Roma, Italy		P
Glenn HAUSER , Enid OK	NRD-545 with ALA-330S, IC-R75, PL-880, random wires	L,P
Brian PENNEY , Brewster, MA	Perseus, Wellbrook ALA1530LN	P

Chris LOBDELL, Stoneham, MA

Eton E1, JRC NRD-525, 535 and 545,
Icom IC-7300, MFJ G5RV dipole

P

Bill TILFORD, Chicago, IL

M

Bob WILKNER, Pompano Beach, FL

LN

Loggings

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

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- 3330 **CANADA CHU** Ottawa, ON – 7/3 0044 noted with “CHU Canada” ID in English, UTC time check in English and French into time signals. SIO 434. (Bueneman-MO/HSTDX)
- 3955 **UNITED KINGDOM KBS World Radio , Wooferton**, 06/30, 2030. German. Female & male talk and a short Korean Language lesson, followed by "Musik verbindet" 55555. (Roe-UK)
- 4750 **BANGLADESH Bangladesh Betar**, Dhaka, 08/05, 1815. English. Mix of Bangladeshi music and talk by both male and female presenters. Ends with an interview by female host of male guest (however, signal too weak to make out details of the conversation). 25332. (Roe-UK)
- 4765 **CUBA Radio Progreso** via Bejucal – 7/3 0046 noted with light vocal music and brief commentary in Spanish. SIO 323. (Bueneman-MO/HSTDX)
- 4775 **PERU Radio Tarma** – Tarma, 0149, 6/15/21 in Spanish. Pop / rock music (sounded pretty pan – Latin,) 0201 Man with talk then into an ID sequence including the FM frequencies then into indigenous music. Poor – fair. (Taylor – WI)
- 4885 **BRAZIL Radio Clube do Pará** ZYG362 Belém, Pará – 7/3 0117 noted with commentary in Portuguese. SIO 323. (Bueneman-MO/HSTDX)
- 5010 **UNITED STATES Radio Slovakia Int'l** via WRMI Okeechobee, FL – 7/3 0042 noted with commentary in Spanish. SIO 333. (Bueneman-MO/HSTDX)
- 5025 **CUBA Radio Rebelde** CMBA Bauta – 7/3 0113 noted with commentary in Spanish. SIO 545. (Bueneman-MO/HSTDX)
- 5040 **CUBA Radio Havana Cuba** via La Habana – 7/3 0115 noted with news analysis in Spanish. SIO 444. (Bueneman-MO/HSTDX)
- 5050 **UNITED STATES WWRB**, Morrison, 08/01, 0150. Music. Brass band instrumental music. 25332. (Roe-UK)
- 5085 **UNITED STATES WTWW** English 0102-0120 6 May. A music show of 60's popular music. Good signal (Majewski CT)
- 5085 **UNITED STATES WTWW** English 0116-0134 9 May. Nice Rock music show with John Lennon, Joe Walsh, and others. Good signal (Majewski CT)
- 5085 **UNITED STATES WTWW** Lebanon, TN – 7/3 0122 noted with 1980s pop oldies, ad for Main Trading Company and a quick “WTWW” ID. SIO 555. (Bueneman-MO/HSTDX)
- 5505 **IRELAND Shannon VOLMET** – 7/3 0156 noted with weather reports and forecasts for various European airports, “This is Shannon VOLMET, Shannon VOLMET” ID in English. SIO 434 in USB mode. (Bueneman-MO/HSTDX)

- 5850 **UNITED STATES WRMI relay of Radio Prague** English, 2357-0000 7 May. Instrumental music from Radio Prague. WRMI at 0059 then into Radio Slovakia Int'l. Good Signal (Majewski CT)
- 5950 **UNITED STATES WRMI** 0100-0115 10 May. Relay of Radio Emma Toc Show was about the uses of radio by UN for distance learning in the Sudan. Good Signal (Majewski CT)
- 5950 **FRANCE KBS World Radio**, Issoudun, 06/30, 2030. French. Male and female talk followed by "Aux sources de la musique coréenne" with. 55444. (Roe-UK)
- 5950 **UNITED STATES Texas Radio Shortwave**, Okeechobee, 08/01, 0125. English. Music that I can best describe as Latin American jazz by the group Beto & the Fairlanes. 25332. (Roe-UK)
- 5970 **UNITED STATES WEWN** Vandiver, AL - 7/3 0112 noted with *The Holy Rosary* in Spanish. SIO 555. (Bueneman-MO/HSTDX)
- 5995 **MALI ORTM Radio Mali** via Bamako - 7/2 2355 noted with commentary in French. SIO 333. (Bueneman-MO/HSTDX)
- 5995 **MALI Radio Mali**, Bamako, 07/07, 2030. A nice selection of local African music. 35333. (Roe-UK)
- 6030 **UNITED STATES Radio Marti** 0057-0059 10 May. Radio Marti ID then into the Sound Job program. Excellent Signal (Majewski CT)
- 6060 **CUBA Radio Habana Cuba**, August 3 at 0632, Radio Habana Cuba English is nothing but humbuzz; 6100 under modulated; 6165 & 6060 & 5040 off. Something`s always wrong at RHC (Glenn Hauser, OK,)
- 6070 **CANADA CFRX** Toronto, ON - 7/3 0103 noted with local news, traffic report, weather forecast, "News/Talk 1010" ID in English. SIO 444. (Bueneman-MO/HSTDX)
- 6070 **GERMANY from the Isle of Music**, Rohrbach, 07/27, 1900. English/Spanish. Cuban jazz with guest Gastón Joya (a grand prizewinner in this year's Cubadisco). 45444. (Roe-UK)
- 6070 **GERMANY Radio Tumbril**, Rohrbach, 07/02, 1900. English. Encore Classical Music, with classical music from Delibes, Jean Francaix, Debussy, Anton Bruckner and others. 45444. (Roe-UK)
- 6070 **GERMANY Uncle Bill is Melting Pot**, Rohrbach, 07/27, 2000. English. Peruvian music in honor of Peru's bicentennial anniversary. 45444. (Roe-UK)
- 6100 **CUBA Radio Habana Cuba**, Bauta, 07/27, 0545. English. Focus on Africa - some African music being presented by Ed Newman, followed by Sport News. 35333. (Roe-UK)
- 6105 **FRANCE NHK Radio Japan**, Issoudun, 07/29, 0200. Japanese. Male talk and a mix of instrumental ballads and Japanese and English pops (modern and oldies) and a news bulletin at 0300. 55555. (Roe-UK)
- 6115 **UNITED STATES WWCR** 2255-2256 8 May. Popular Music set Good signal (Majewski CT)
- 6115 **UNITED STATES WWCR** English, 2330-2358 May 12; Very-nice Americana music show. Followed at 0000 with a business show from USA Radio News. Excellent Signal (Majewski - CT)
- 6120 **JAPAN NHK Radio Japan**, Yamata, 07/27, 1915. Japanese. Female host interviewing male, possibly on phone. (Nice to hear Japan direct from Yamata with usable audio). 25442. (Roe-UK)

- 6130 **SWAZILAND TWR Africa**, Manzini, 08/01, 1849. Umbundu. IS and English ID at 1849. Sign-on in listed Umbundu by male voice. Children singing in local language. Talk by male and response by children. 35333. (Roe-UK)
- 6145 **UNITED KINGDOM KBS World Radio**, Wooferton, 08/01, 1900. French. Male and female co-hosts presenting modern Korean pop songs in program "Musique Coreenne". 45444. (Roe-UK)
- 6155 **AUSTRIA Oesterreich.Rundfunk** – Moosbrunn, *0500-0522 Jul 5, open carrier to instrumental music opening followed by a woman announcer with German language station ID and opening announcements. A man and woman announcer with news. Fair signal. (D'Angelo-PA)
- 6155 **SAO TOME BBC WS**, Pinheira, 07/07, 2015. English. News hour (the frequency is on an extended schedule past its normal 2000UT sign-off. 35333. (Roe-UK)
- 6160 **UNITED STATES WBCQ** English 2311-2321 5 May. A Gene Shepard (WOR) show about getting your card punched. Good to Excellent Signal (Majewski CT)
- 6160 **United States WBCQ** English 2300-2318 7 May. Gene Shepard show talking about Morse code and learning it. Station when off the air suddenly at 2318. Good Signal (Majewski CT)
- 6160 **UNITED STATES WBCQ** 2257- 0000 9 May. Sign on followed by a live Tim Tron Show of music. Mentioned that 5150 and 3250 were also being used. I did check and had no luck. Did find WWCN on 3215. Played Rolling Stones and others. Good/Excellent (Majewski CT)\
- 6160 **UNITED STATES WBCQ** English 2323-2340 9 May Tim Tron show of eighties music. Good Signal (Majewski CT)
- 6160 **UNITED STATES WBCQ** Monticello, ME – 7/3 0106 noted with talk on the American Revolution in English. SIO 434. (Bueneman-MO/HSTDx)
- 6170 **W ZEALAND RNZI** in EE to Oceania. April 28, 2021, 1412 – 1423. SIO 333. MX program. YL announcer between songs. Noisy signal, listenable. OM with MX commentary joins the program. Discussion about "Lord of the Rings" made in New Zealand. (Henley, WA)
- 6185 **MEXICO Señal Cultura México** XEPPM Mexico, DF – 7/3 0110 noted with commentary in Spanish. SIO 333. (Bueneman-MO/HSTDx)
- 6710 **NEW ZEALAND RNZI** in EE to Oceania. April 29, 2021, 1431 – 1441. SIO 444. YL and OM announcers in discussion about MX. Long discussion. Heavy QRN, rapid QSB, but listenable. (Henley, WA)
- 7220 **VIETNAM Voice of Vietnam** in CC to China. May 1, 2021, 1327 – 1337. SIO 333. From Hanoi. YL announcer, MX, slight QRN /QSB. CC MX. Off air at 1330. (Henley, WA)
- 7295 **UNIDENTIFIED** 0158, 6/20/21 in Hausa (likely.) Man with rapid talk, breaker, 0159:30 "Salaam," 0200 off. Nothing found in HFCC, Aoki, or EiBi Schedules, which would match at this time or close. (Taylor – Anderson Co. Park, WI)
- 7325 **CHINA China Radio Int'l** in Tagalog to the Philippines. April 26, 2021, 1447 – 1457. SIO 333. MX program with OM announcer in Tagalog. Listed target is the Philippines. CC MX program with Chinese operatic singing and instrumentals. Listenable. (Henley, WA)
- 7365 **UNITED STATES Radio Martí** via Greenville, NC – 7/3 0235 noted with commentary in Spanish. SIO 545 with Cuban jamming. (Bueneman-MO/HSTDx)
- 7375 **ROMANIA Radio Romania Int'l** English 0013-0048 6 May. News broadcast, Romania is sixth in EU for vaccinations. From news into a music segment.

Followed by Focus on Romania, talk on art and social issues. Enjoyable broadcast, Excellent signal (Majewski CT)

- 7375 **ROMANIA Radio Romania Int'l** English. 1-hour English show of news, music, Focus on Romania program. Talked about Europe Day celebrations on the anniversary of World War II VE. Also had Romania language lesson using running. Excellent Signal (Majewski CT)
- 7375 **ROMANIA Radio Romania Int'l** English 0000-0014 5-13; News about vaccinations in Romania and progress on containing COVID 19, transportation improvements, and Poland/Romania Defense pact. Excellent Signal (Majewski CT)
- 7375 **ROMANIA Radio Romania Int'l** English 0000-0008 5-14; News program covering the COVID 19 measures now that Romania is considered a "Green Zone". Basically, vaccinations do work. Excellent Signal (Majewski CT)
- 7375 **ROMANIA Radio Romania Int'l** English 0000-0008 5-15; News program. Romania is returning to normal now. It appears 45% of the work force has changed jobs as the result of the COVID measures. Excellent Signal (Majewski CT)
- 7385 **CHINA China Radio Int'l** Kashi, 06/30, 1915. Albanian. Selection of English language pop songs with announcements by female presenter. 55444. (Roe-UK)
- 7420 **ROMANIA Radio Romania Int'l** English 0004-0006 7 May. News show. Excellent signal (I check the azimuth bearing for RRI transmitter. It is east of me in line with the maximum response of the Air Spy You Loop) (Majewski CT)
- 7490 **UNITED STATES WBCQ** English 2322-0000 May6 The Just Right Show. A Canadian political show discussing the government handling of COVID-19 crisis and using it to further a political agenda. A big issue is vaccination passports and enforcement of the requirement. Good Signal (Majewski CT)
- 7490 **UNITED STATES WBCQ** English 2300-2330 5-15; Music program about the music of El Salvador by Uncle Bill, an interesting show. Excellent Signal (Majewski CT)
- 7730 **UNITED STATES WRMI** English 0049-0100 6 May. A show about radio. Talked about 1939 to 1940 use of shortwave by WNYC to rebroadcast normal shows as relay. Then discussed the history CHU as a time station. . Good signal (Majewski CT)
- 9100 **OPPOSITION Echo of Hope / VoH** at 1400. Back to nominal freq. this this morning with M and W in Korean dialogue, some live singing – Fair to Good 7/5 (Barton-AZ)\
- 9265 **UNITED STATES WINB** Red Lion, PA – 7/3 0035 noted with Christian teaching in Spanish. SIO 444. (Bueneman-MO/HSTDX)
- 9390 **THAILAND Radio Thailand** in CC to FE. May 1, 2021, 1320 – 1325. SIO 444. Broadcast from Udon Thani. OM announcer with long monologue. Listenable. (Henley, WA)
- 9410 **PHILIPPINES Voice of America** in KK relay via Tinang. April 27, 2021, 1443 – 1448. SIO 444. YLs in discussion with OM in KK. Moderate QRN / QSB. Noisy signal. Blues MX. (Henley, WA)
- 9410 **PHILIPPINES Voice of America** in KK relay via Tinang. May 1, 2021, 1417 – 1425. SIO 444. YL announcer. POP MX. Listed target is FE. Good signal, listenable. More POP MX follows YL monologue. (Henley, WA)
- 9420 **CHINA CNR 6 (pres)**, Beijing, 07/03, 1030. Hakka (listed). Some nice fairly traditional music in a local language (perhaps in the listed Hakka). 25332. (Roe-UK)

- 9440 **ROMANIA Radio Romania Int'l** via Galbeni – 7/3 0225 noted with pop music into commentary in Spanish. SIO 333. (Bueneman-MO/HSTDX)
- 9450 **OPPOSITION Furusato no Kaze**/Wind from Hometown 1430// 9705. Heard on SW-2000629 and long wire with tuning eye lit steady (Good). Blinking on // 9705 (Fair to Good). Monologues with W, M, in Japanese, Japanese language pop ballad, closing Ann and music at end. Closed at ToH after outro music – Good 7/18 (Barton-AZ)
- 9465 **TURKEY Voice of Turkey** – Emirler, 0238, 6/20/21 in Uighur. Man speaking at some length. (Not jammed in checks with CNR 1 jammers.) Poor – fair. (Taylor – Anderson Co. Park, WI)
- 9470 **BOTSWANA Voice of America**, Mopeng Hill, 06/30, 2010. French. English language lessons and pop music themed around the Word of the Day: "Trouble". 55444. (Roe-UK)
- 9490 **CLANDESTINE Radio Republica** via Issoudun, France – 7/3 0218 noted with commentary in Spanish. SIO 444. (Bueneman-MO/HSTDX)
- 9550 **CHINA China Radio Int'l** in Vietnamese. April 27, 2021, 1455 – 1458. SIO 444. CRI with YL announcer. CRI theme MX, then off air at 1458. (Henley, WA)
- 9575 **ENGLAND BBC WS** via Wooferton 07/20/21 0000 English. Male/Female presenting the news followed by Business Matters show at 0010. 4/5/4/5/4 (McDavitt-FL)
- 9580 **ALASKA KNLS** religious broadcast in EE. April 27, 2021, 1428 – 1442. SIO 555. Excellent signal. YL announcer in EE with contact information and station ID. POP MX in EE. OM preacher with YL in talk about hospitality as described in the Bible. Listed target is FE. EE phrase “give me five” language lesson, then more MX. (Henley, WA)
- 9580 **ALASKA KNLS** religious broadcast in EE. April 29, 2021, 1422 – 1430. SIO 444. YL and OM announcers / preachers with a religious message. Steep QSB to JBA. Leader in Prayer. Minor QRN. Lecture on getting children off their screens. POP MX follows with a religious theme. (Henley, WA)
- 9610 **Austria AWR** via Moosbrunn 07/20/21 2015 Dyula. Male dialogue with children singing African songs, signoff at 2025 Good sigs 4/4/4/4/4 (McDavitt-FL)
- 9665 **UNITED STATES Radio Marti** Spanish 2258-2300 7 May. ID at 2300 into two males talking mentioned Miami. Good/Excellent Signal (Majewski CT)
- 9665 **BRAZIL Radio Voz Missionaria** ZYE890 Camboriú, Santa Catarina – 7/3 0137 noted with Christian teaching in Portuguese. SIO 333. (Bueneman-MO/HSTDX)
- 9670 **GERMANY Channel 292**, Aug 15 at 0002, pop music at S2-S4, presumably Channel 292 again, testing this away. (Glenn Hauser, OK,)
- 9670 **GERMANY Channel 292** – Rohrbach, 0123 – 0310*, 6/20/21. Segued music. Mostly European rock with occasional familiar pieces started fair and built to good. (Taylor – Anderson Co. Park, WI)
- 9675 **CHINA China Radio Int'l** in RR to FE. April 26, 2021, 1435 – 1441. SIO 555. OM in RR with monologue, YL in the interval. Rapid RR monologue by OM. Good signal with minor QRN / QSB. (Henley, WA)
- 9700 **VATICAN Radio Veritas Asia** 07/20/21 0015 Kachin. Mix of Male/Female dialogue with music. 3/3/3/4/3 (McDavitt-FL)
- 9705 **TAIWAN (Tentative) Furusato no Kaze**, clandestine / opposition in JJ. May 1, 2021, 1345 – 1357. SIO 444. OM singing in JJ... Contact information given, off air at 1357. (Henley, WA)

- 9705 **VATICAN *Vatican Radio***, Vatican, 07/29, 2000. English. Church News and African Panorama followed by a report on Report on Women in Society and gender equality. 55555. (Roe-UK)
- 9740 **KOREA, *SOUTH KBS World Radio***, Kimjae, 07/27, 1838. Spanish. Pop song (presumed in Korean) followed by talk by female voice and then by male voices (possibly TV audio clips?) 35333. (Roe-UK)
- 9750 **CHINA *PBS Nei Menggu*** – Hohhot, 1221, 6/14/21 in Mongolian. Man speaking at some length. Fair. (Taylor – WI)
- 9800 **ALASKA *WCB/KNLS*** (Anchor Pt., AK) 1545. Heard on portable Sangean and short wire. Lighting green tuning eye on peaks. Alternating between M with monologue in Russian and pop music tunes, closing just before the ToH and gone. – Good 7/5 (Barton-AZ) \
- 9840 **VIETNAM *Voice of Vietnam*** in EE. May 1, 2021, 1337 – 1344. SIO 333. YL announcer / newsreader. Target is FE. Trade and economic news and commentary. Rapid, shallow QSB, heavy QRN, but listenable. ID and MX theme. Revolutionary propaganda. (Henley, WA)
- 9870 **TURKEY *Voice of Turkey*** via Emirler – 7/3 0139 noted with commentary in Spanish into Middle Eastern music. SIO 333. (Bueneman-MO/HSTDX)
- 9920 **PHILIPPINES *FEBC*** (Iba), 1300, a lot of religious music, M presenter in (listed) Koho (spoken in Lam Dong prov., Vietnam), W at the BoH with closing ann, FEBC tuning signal repeated a couple times & off – Good 7/5 (Barton-AZ)
- 9940 **PHILIPPINES *FEBC Radio Liangyou*** (presumed the one & via Bocaue) 1429 Way out in the weeds. Tuning signal to W (listed) Uyghur (NW China, Uzbekistan, et al). Close covered at ToH by Chinese (CNR) jamming for Radio Free Asia's 1500 opening) – Poor 7/5 (Barton-AZ)
- 9940 **OPPOSITION *Nippon no Kaze*** – Paochung, TAIWAN (P), 1307 in Korean. Woman with low-key talk until I had to pull the plug at 1316. Fair. (Taylor – WI)
- 9955 **UNITED STATES *Radio Emma*** Toc World Service – Okeechobee, 0002-0026 Jul 1, station identification with program No. 15 hosted by Jim Salmon;. Good signal. Jim verified my reception report in just four hours. (D'Angelo-PA)
- 9955 **UNITED STATES *WRMI*** Okeechobee, FL – 7/3 0149 noted with Christian teaching in English. SIO 555. (Bueneman-MO/HSTDX)
- 9975 **UNITED STATES *KVOH*** Rancho Simi, CA – 7/3 0027 noted with Contemporary Christian music, “La Voz de Esperanza” ID in Spanish. SIO 545. (Bueneman-MO/HSTDX)\
- 11610 **TAIWAN *RTI*** (Paochung) 2300. Alternating with cmtry in Korean, pop vocals, W in Korean in long talk, ments of "Taiwan". Some more traditional music, W in Korean, pp female vocal and closing suddenly mid-song. – Good w/ light chop 7/9 (Barton-AZ)
- 11645 **NORTH KOREA *Voice of Korea*** 1530. First tuned in and monitored on Zenith Royal 7000 (Transoceanic) and just telescoping whip. Instrumental music with a lot of piano, some female vocal, and nearly // to the English program just up the dial. Good 7/18 (Barton-AZ)
- 11680 **NORTH KOREA *KCBS Pyongyang*** in KK, April 29, 2021, 2235 – 2240. SIO 433. MX with an YL chorus. Another YL song follows. Audio distortion is severe, with steep QSB. Reception borders on poor. This is a domestic program with a North Korea target audience. (Henley, WA)

- 11710 **NORTH KOREA *Voice of Korea*** in FF. April 30, 2021, 1433 – 1440. SIO 555. Good signal, minor distortion. YL announcer. MX with YL soloist and YL chorus. Listed target is NAM. OM announcer in FF joins broadcast with a long monologue. (Henley, WA)
- 11725 **CHINA CRI (Xianyang)** at 1605, retro pop music, long monologue with W in German, and then M. More pop vocal music nearer the BoH Fair 7/25 (Barton-AZ)
- 11750 **CHINA CNR 1** in CC. April 29, 2021, 2241 – 2245. SIO 333. Domestic broadcast with YL and OM announcers. Heavy QRN, steep QSB. Listenable with difficulty. (Henley, WA)
- 11765 **CHINA *China Radio Int'l*** in EE to Pakistan. April 30, 2021, 1425 – 1433. SIO 444. OM and YL announcer from Urumqi. Talk and commentary. ID and contact information given. (Henley, WA)
- 11770 **NIGERIA *Voice of Nigeria*** – Abuja, 1819-1850 Jul 6, woman announcer with English language talk, instrumental music at 1829 ending program with a man announcer giving station ID. The transmitter seemingly broke down at 1850. Poor to fair before the mishap. (D'Angelo-PA)
- 11780 **BRAZIL *Radio Nacional da Amazonia*** in PP. April 29, 2021, 2246 – 2300. SIO 555. OM and YL announcers in discussion. Good signal, with minor QRN / QSB. Long debates. Station ID and frequencies given. (Henley, WA)
- 11780 **BRAZIL *Radio Nacional da Amazônia*** ZYE365 Brasilia, DF – 7/3 0055 noted with commentary in Portuguese. SIO 555. (Bueneman-MO/HSTDX)
- 11810 **UNITED KINGDOM *BBC*** 07/19/21 2115 English. Male announcer interviewing Jamaican soccer player with regards to racism. 3/5/3/4/3 (McDavitt-FL)
- 11815 **JAPAN *NHK Radio Japan*** in JJ. April 27, 2021, 1421 – 1427. SIO 555. Radio play or discussion with multiple players or commentators. Listed target is SEA. Minor QRN / QSB, otherwise excellent signal. Jazz MX. (Henley, WA)
- 11815 **JAPAN *NHK Radio Japan*** in JJ. April 29, 2021, 1413 – 1420. SIO 444. OM and YL in what sounds like a radio drama or dramatic interview / conversation. Good signal with slight QRN / QSB. Listed target is SEA. Another OM joins the conversation at 1418 with background MX. (Henley, WA)
- 11865 **NORTH KOREA *Voice of Korea***, 2210, M W in Korean, followed up by some instrumental march music and male military chorus. Steady at first but faded out by BoH – Poor to Fair 7/10 (Barton-AZ)
- 11870 **SRI LANKA *Adventist World Radio*** in CC from Trincomalee. April 28, 2021, 1425 – 1430. SIO 444. MX with YL vocalist. YL announcer with a religious message. Listed target is FE. South Asian MX following YL announcer. Noisy signal with heavy QRN and shallow QSB to JBA. (Henley, WA)
- 11885 **VIETNAM *Voice of Vietnam***, Hanoi, 07/31, 1905. English. Coronavirus pandemic news. 54444. (Roe-UK)
- 11920 **OPPOSITION *Voice of Freedom*** at 1130, M, W in Korean, all over "beeper Jammer" – Good 7/7 (Barton-AZ)
- 11945 **ROMANIA *Radio Romania Int'l*** via Galbeni – 7/3 0214 noted with commentary in Spanish. SIO 434. (Bueneman-MO/HSTDX)
- 11960 **GUAM *KSDA/AWR*** at 2230, M in Indonesian, regional vocal music, monologue with man, more music, closing ann by woman and off at 2258 – Choppy; Fair to Good 7/5 (Barton-AZ)

- 11995 **FRANCE Radio France Int'l**, Issoudun, 07/08, 2015. French. "Couleurs Tropicales", with a program of modern African music. 55444. (Roe-UK)
- 12015 **KOREA, NORTH Voice of Korea**, Kujang, 06/30, 1940. German. Orchestral/choral music. 45433. (Roe-UK)
- 12035 **THAILAND Voice of America** Deewa Radio in Pashto via Udon Thani. April 30, 2021, 1356 – 1359. SIO 544. Deewa radio in Pashto to Afghanistan. OMs in Pashto talk. Good signal. (Henley, WA)
- 12035 **THAILAND Voice of America Deewa Radio** (via Udon Thani) 1610, heard on Sangean portable and short wire, long talk w/ M and Win (listed) Pashto (Afghanistan), a couple mentions heard of "Taliban" ID was on the hour with woman – Fair to Good 7/31 (Barton-AZ)
- 12045 **THAILAND Voice of America** in KK relay via Udon Thani. April 28, 2021, 1432 – 1440. SIO 544. OM in KK. Good signal, with slight QRN / QSB. Long monologue in KK, with some EE audio clips. Listed target is FE. (Henley, WA)
- 12050 **UNITED KINGDOM Radio Ndarason Int'l**, Woofferton, 07/05, 0605. Kanuri. Local African music. 45444. (Roe-UK) 07/05, 1815. Kanuri/French. Local African music and talk by male voice.. 35433. (Roe-UK)
- 12160 **UNITED STATES, WWCR**, "Patriots United" show with talk, plea for financial support, listener's letters with casual ID at 1821. Good signal with slight fade. (Cichorek-NJ)
- 13605 **UNITED STATES Radio Marti**, lively vocal by male, sound effects and casual ID. Good (Cichorek-NJ)
- 13610 **JAPAN NHK World** 1425 with familiar tuning signal, open w/ M in (listed) Burmese , what sounded to be nx by M, then W – Good 7/11 (Barton-AZ)
- 13650 **NORTH KOREA Voice of Korea**, anthems, monologue with W in Korean – Good 7/11 (Barton-AZ)
- 13660 **UNITED KINGDOM BBC** – Wooferton, 1832, 6/14/21 in English. Woman with a rundown of upcoming programs with several mentions of "BBC" and into news headlines. Poor – fair. (Taylor – WI)
- 13670 **MADAGASCAR Radio Feda** 07/19/21 1945 Arabic. Male announcer in dialogue. Female stated website address in English & "Radio Feda" at 1959 signoff.3/5/3/4/3 (McDavitt-FL)
- 13680 **JAPAN NHK Radio Japan** in JJ. April 29, 2021, 2212 – 2221. SIO 545. OM and YLs in talk / debate. Long monologues. Listed target is SEA. (Henley, WA)
- 13690 **CHINA China Radio Int'l** Urumqi, 07/31, 1820. Amoy/Chaozhou. Music on traditional Chinese instruments with male presenter. 55444. (Roe-UK)
- 13690 **GERMANY NHK Radio Japan**, Nauen, 07/31, 1835. Japanese. Japanese pop tunes (but suffering QRM from China Radio Int'l Arabic on 13685).). 53433. (Roe-UK)
- 13740 **FRANCE Radio France Int'l** 1900. During weather event, monitored on Satellite 205 and indoor wire. W Ann, cometary in French, the dialogue with two men, mentions of "Olympics". Good in a nice opening to/from Europe now – Fair to Good 7/25 (Barton-AZ)
- 13760 **NORTH KOREA Voice of Korea** in SS. April 29, 2021, 2222 – 2232. SIO 544. YL in SS with long monologue. Listed target is Europe. Persistent QRN. OM with ID at 2226. Political talk. QRN increasing. Program continues past BOH. (Henley, WA)
- 13790 **VATICAN BBC** – St. Maria Galeria (P), 1806, 6/14/21 in French. Man with mention of "Nigeria" into a woman announcer who speaks briefly and into an interview with another woman. Fair. (Taylor – WI)

- 13815 **FRANCE *Radio Algerienne*** – Issoudun (P), 1805, 6/14/21 in Arabic. Man talking briefly into Qur'an chant. Fair. (Taylor – WI)
- 13840 **NEW ZEALAND *Radio New Zealand Pacific*** via Rangitaiki – 7/3 0018 noted with pop music and talk on the music in English. SIO 333. (Bueneman-MO/HSTDX)
- 13845 **UNITED STATES *WWCR 3*** in EE from Nashville, TN. April 28, 2021, 1351 – 1357. SIO 333. OMs in discussion of Biden's policies, especially his gun control efforts. Talk of "energizing" the Republicans. Discussion of the Bill of Rights and Biden's attack on individual rights. (Henley, WA)
- 15120 **UNITED STATES *Voice of America*** in Bambara from Greenville, NC. April 29, 2021, 2145 – 2152. SIO 455. Listed target is West Africa. OM announcer. YL follows with echo on the audio. (Henley, WA)
- 15230 **CUBA *Radio Habana Cuba*** Spanish 0109 5-13; same program was also on 13740 Surprised to be able hear after dark based on propagation conditions. Poor Signal (Majewski CT)
- 15370 **CUBA *Radio Habana Cuba*** in SS to Europe. April 29, 2021, 2153 – 2202. SIO 434. Poor audio. OM announcer. Station ID and talk between Latin MX songs. Heavy QRN. YL joins talk with announcements. Other YLs join the conversation, all with bad audio. Station ID at TOH. (Henley, WA)
- 15410 **SRI Lanka *Adventist World Radio*** – Trincomalee (P), 0254, 6/20/21 in Dari. Woman speaking at some length. Fair. (Taylor – Anderson Co. Park, WI)
- 15510 **UNITED KINGDOM *Radio Sama*** (IBRA) – Wooferton (P), 1840, 6/14/21 in Tigrigna. Woman talking with occasional comments by a man. Perhaps the man interviewing the woman. Fair. (Taylor – WI)
- 15515 **TAJIKISTAN *Adventist World Radio*** – Dushanbe (P), 0244, 6/20/21 in English. South Asian music including South Asian settings of Western hymns, 0259 "Adventist World Radio. The Voice of Hope." Off. Fair. (Taylor – Anderson Co. Park, WI)
- 15555 **UNITED STATES *WJHR*** – Milton, FL, 1612-1705 Jul 6, man preaching in the English language. Program ended at 1659 followed by a man announcer with station ID followed by another religious program. Fair signal but deep fades. (D'Angelo-PA)
- 15580 **BOTSWANA *Voice of America***, Mopeng Hill, 07/31, 1845. English. Modern African pop from VOA Nightline Africa program. Strong signal also on 6080 kHz (also via Botswana). 55444. (Roe-UK)
- 15590 **THAILAND *Radio Thailand*** – Udon, *0000-0019 July 8, opening with man announcer giving station IS ("Radio Thailand News") followed by a man and woman with English language news. Poor. (D'Angelo-PA)
- 15590 **THIALAND *Radio Thailand*** – Udon Thani (P), 0249, 6/20/21 in Thai. Man speaking at length. Poor. (Taylor – Anderson Co. Park, WI)
- 15600 **CHINA *China Radio Int'l*** in SS to SAM. April 29, 2021, 22-4 – 2209. SIO 545. YL announcer with discussion of the Chinese Communist Party in a long monologue from Beijing. (Henley, WA)
- 15660 **UNITED KINGDOM *Voice of America***, 1830, Man and woman with talk in listed Amharic. Fair with QSB. (Cichorek-NJ)
- 17855 **SPAIN *REE***, 1835, two men in listed Spanish with lots of talk. Brief musical segue then more talk. Fair. (Cichorek-NJ)



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<www.ontheshortwaves.com> Update, August 1, 2021 -- Under "DX History-I/Stations," we have posted the 1926 booklet, "Behind the Mike With KMA," the Shenandoah, Iowa broadcaster that was one of the country's early farm stations. In it you will find photos and writeups about the Earl May family, owners of the station's parent, the Earl E. May Seed & Nursery Company, and about many station employees, and artists that were heard over the station. Look for the red "New." -- And in "Specialized Resources/Wavescan," there is this new entry from Adrian Peterson: "KDKA Shortwave in Pittsburgh: Four Locations" (Wavescan N648, July 25, 2021).


<www.ontheshortwaves.com> Update, August 8, 2021 -- You might not expect to find in wartime Shanghai a shortwave station that was run by the German Propaganda Ministry, but considering the colonialist nature of the international settlement it wasn't such a far-fetched idea. XGRS was a colorful station, run by German locals before the German government took over. Read the full story under "DX History-I/Stations/XGRS, Shanghai, China" (look for the red "New"). -- Under "DX History on the Net/General Resources," check out "Antique Wireless Association *AWA Review*." The AWA has put all but the last two of the 33 volumes of the *AWA Review* on line. These are long-form, peer-reviewed articles on all facets of early radio, including equipment, companies, personalities, events, etc. The volumes are searchable, and there is an index. There is a lot here that SWBC types will find of interest. -- In "Specialized Resources/The DX Recordings of Colin Miller," we have posted a recording of the 1970s clandestine station, Voice of the Malayan Revolution. *Tnx, Colin* -- And in "Wavescan" you will find "The Radio Scene on the World's Most Isolated Island: Bouvet in the South Atlantic" (Wavescan N649, August 1, 2021). *Tnx, Adrian*.


<www.ontheshortwaves.com> Update, August 15, 2021 -- We have added a bunch of new items to our HCJB tribute page, which you can find here <http://ontheshortwaves.com/HCJB/HCJB.html> We have some new amateur radio QSLs from former HCJBers; some new broadcast QSLs; also some new HCJB postcards; two new pennants (1982 and 1991); and some new philately. Also new is a June 1942 issue of the HCJB "Newsprint"; a 1947 edition of the HCJB "Radio Missionary Log"; and an HCJB pin, provenance unknown, from Eddie Malphrus of Friscoe, Texas. *Tnx, Eddie*. (If you know the origins of this pin, please let us know.) And finally, Rich Mcvicar has sent in a description, diagram and Google Earth image of the Pifo transmitter site of old. *Tnx, Rich*. All these items are marked "New."

<www.ontheshortwaves.com> Update, August 22, 2021 -- About a month ago we posted a new section under "Specialized Resources" called "Philco Radio Atlas," containing a series of five such atlases issued by Philco between 1934 and 1936. In 1939, Philco issued another

atlas, and while it was called the "Philco War Atlas and Short-Wave Radio Log," it was different from the earlier series. It contained a short list of frequencies of the stations in London, Paris, Rome and Berlin, but it was mostly European maps, information on national resources, and advertising for Philco receivers. We have posted a copy in "DX History-II/Equipment & Advertising" (look for the red "New"). -- And in "Specialized Resources/Wavescan," Adrian Peterson has sent along two new items: "Radio Weddings, Pt. 1" (Wavescan N650, August 8, 2021); and "The World's Highest Radio Station Celebrates Its 50th Anniversary: AIR Leh" (Wavescan N651, August 15, 2021).

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 Cuff (hq@naswa.net) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic Flashsheet edited by Mark Taylor, markokpik@gmail.com. The club's electronic Flashsheet helps members stay on top of the action with breaking shortwave news and information. The electronic newsletter is an excellent supplement to the monthly Journal for the timely dissemination of DX loggings and breaking news. 

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), 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 > 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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