

The **NASA** Journal

VOLUME LIX NUMBER 7

JULY 2019

QSL 歡迎請教聽收謝詞
Thanks for listening
Comments are welcome

Frequency

890KC
7130KC
9655KC
9685KC
9765KC
11725KC
11825KC
11840KC
15125KC
15345KC
17209KC
17280KC
17480KC

VOICE OF FREE CHINA
Coverage Chart of Overseas Transmission
and Exchange Programs

自由中國之聲
THE VOICE OF FREE CHINA
REPUBLIC OF CHINA

自由中國之聲
自由中國之聲

THE VOICE OF FREE CHINA
CALLING THE WORLD
BCC
BROADCASTING CORPORATION OF CHINA
REPUBLIC OF CHINA

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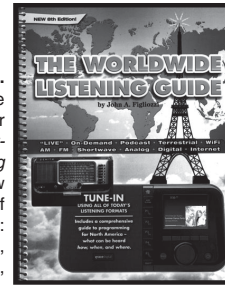


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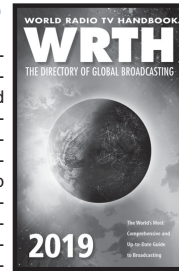
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2019 WORLD RADIO TV HANDBOOK

This respected publication is filled with schedules, frequencies and addresses of shortwave broadcast stations. Organized primarily by country. Also includes a by-frequency listing of shortwave broadcast stations, plus receiver reviews. ©2018. 73rd Ed. 672 p. List \$49.95.

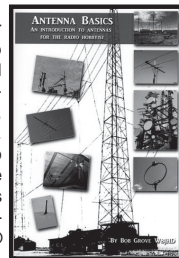
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By **Bob Grove**. If you are new to the radio monitoring hobby, and want a great introduction to antenna topics, this book is for you. Noted author, Bob Grove covers a wide range of topics in his usual clear and understandable manner. © 2017 Grove 75 p.

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SHORTWAVE RECEIVERS PAST & PRESENT 1942-2013

By **F. Osterman**. A comprehensive guide to over 1700 shortwave, amateur and commercial communications receivers (plus 1200 variants) made in the last 70 years. With 1800 photos and information including: coverage, circuit, display, features, performance, new & used values (for most), reviews, etc. Over 360 manufacturers are represented. Become an instant receiver expert. Hard bound Fourth Ed. Second Printing. ©2014 URR. 800 p.

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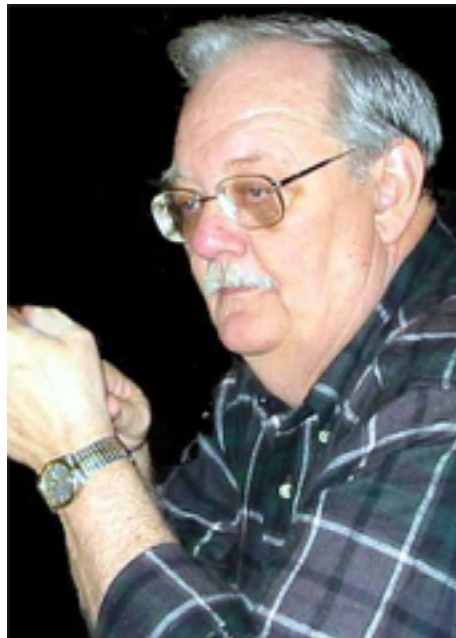
NASWA Notes

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

A great radio-related gathering worth attending is the 26th annual Madison-Milwaukee Get-Together will be on Saturday, August 17 at the home of Tim Noonan in Oak Creek, Wisconsin, at 801 E Park Blvd. Radio hobbyists of all kinds are welcome. E-mail Tim at <DX-ing2@aol.com> or phone 414 813-7373 if you would like more information. Several of our club members attend each year so if you can be in the area this one is worth attending.

John Herkimer has prepared another interesting cover for this month's edition of The Journal featuring shortwave broadcasting activity from Taiwan. Radio Taiwan International has been active for a long time on the international shortwave bands, however, the name Voice of Free China was used for many years differentiating itself from the "other China" back in the Cold War era. This month's cover is dominated by the Voice of Free China name in QSL cards, pennants, postage stamps and stickers. Of course, Radio Taiwan International is still active on the shortwave bands; see recent editions of Listeners Notebook for the latest shortwave broadcasting information.

Member Jerry Johnston informs us of the passing of another long time NASWA member and shortwave radio listener, James T. McClure. Jim passed away on June 7, 2019 in Lexington, KY. He was 76 years old. Jim was an avid shortwave radio listener, fisherman, magician, lay



scientist and astronomer, Mason and Shriner. He was one of the founding members of the Bluegrass DaVinci Fellowship, a group of shortwave enthusiasts who met regularly to pursue interests in radio, computers, electronics, astronomy and nature. His service was held on June 21st with military honors, Masonic Last Rites, and the Broken Wand ceremony for magicians. Jim is survived by his son, Michael Sean McClure; daughter, Heather Lynn (Gabe) Covert; grandchildren, Alexis, Amy Madeline and Merrick; and two great-grandchildren Grayson and Evelyn. In addition to his parents and loving wife, Jim was preceded in death by his brother, Johnny McClure.

Last month we mentioned that the World Radio TV Handbook (WRTH) had issued A19 updated schedules which are available only online at <http://www.wrth.com/>. This month Nicholas Hardyman, Publisher of the WRTH, announced that they are delighted

to announce the availability of the new WRTH Bargraph Frequency Guide for the A19 season. The CD contains the complete, and monitored, A19 international broadcasts on LW, MW and SW, and fully updated domestic shortwave, displayed as a pdf colour bargraph. There are also other pdf and xls files to help you get the most out of the Bargraph. All these files are also available on a downloadable Zip file. If you have not yet got your copy of WRTH

Unity and Friendship

2019 then why not from their website (www.wrth.com). Readers in the USA can also buy from Amazon or Universal Radio. The CD and Download are only available from the WRTH site. Visit their website to find out more and to order a copy.

Long time club member Kevin Mikell sent information about the 100th anniversary of radio station WWV. The station turns 100 on 1 October 2019. The National Institute of Standards and Technology (NIST) and the Northern Colorado Amateur Radio Club (NCARC) have reached an agreement and are working together to organize a celebration event. NIST will focus on the plans for Tuesday, October 1, 2019, when they will host a recognition ceremony and an open house at the radio station north of Fort Collins. NCARC will operate a special event amateur radio station, call sign WW0WWV, on the WWV property starting September 28 and going 24-hours a day through October 2, 2019. The goal is to make as many U.S. and world-wide contacts during the 120-hour period as possible, using multiple bands and multiple modes on at least 4 simultaneous transmitters. The effort will require hundreds of volunteer operators.

WW0WWV will also operate a Get On The Air station for facilitating school and museum contacts over the 5 days of operation. The 100th anniversary is an occasion to celebrate radio and they invite folks to join them in Northern Colorado.

The Reading Area DXers held their annual summer picnic at hosts Ron and Jana (Barnet) Hunsicker's home in the wilds of greater Wyomissing. It was a terrific affair with steam clams highlighting the menu along with the usual bar-be-cue items. Naturally, we had some adult beverages to drink and we also had plenty of desserts so nobody went home thirsty or hungry. Here is a picture of the group taken by Ron. From left to right: Dave Reitz, Rich D'Angelo, Dave Turnick, Suzann Cuff, Jana Barnet, Rich Cuff, Ed Mauger, Sue D'Angelo, and Jane Reitz. Thanks to Ron and Jana for hosting the event as we head back to our usual Friday evening meetings at Mackeys in beautiful Earlville in July.

Finally, don't forget that the entire series of articles written for the Proceedings books developed in the 1990's are now available as individual articles from the Ontario DX Asso-



ciation IO Group. Back in the late 1980s and early 1990s several members of the Fine Tuning group of DXers compiled collections of articles, written by DX experts, and published them in a series of books, known as "Proceedings". There were articles on receivers, antennas, propagation, peripheral equipment and other topics. These books have been difficult to obtain. DXers tend to keep them in their libraries. Now these articles are available as PDF documents, freely downloadable from the Ontario DX Association IO Group.

Look under Files. The articles are grouped into five folders: Receivers, Antennas, Propagation, Peripheral Equipment and Features. Spread the word, so others can benefit from the knowledge and expertise of the writers of these excellent articles. Thanks to Harold Sellers and the ODXA gang for making this available to the hobby community.

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



Musings

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

Please e-mail your Musings, preferably as MS Word attachments, to jalinebk@gmail.com or mail to Jerry Alice Lineback, 4422 Sierra Del Sol, Paradise, CA 95969-8116. Next deadline is July 24, 2019.

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

Sorry to have missed last month. At the end of May, after nearly seven months in residence, we packed up everything from our hotel in Roseville, CA, and moved back to our newly renovated house in Paradise. Although the Camp Fire burned through our subdivision, touching everyone in some way, only three houses burned completely. Everyone else living here has had to deal with some level of damage as we have. Two of the burned houses have been removed to clean dirt. Unfortunately, the one next door has not, so we are still living in a war zone. We have been extremely busy during June, re-unpacking, re-sorting, and re-organizing, just like we did when we first moved in. Landscape and exterior work remains to be done, but everyone, including the cats, are beginning to breathe a little easier and enjoy our home. Rosie the Riveter, aka Jerry Alice, has done an immense amount of work in accomplishing this.

Paradise, as a whole, is being cleaned up and some rebuilding beginning. Some businesses have reopened. We can get gas, food, and hardware in town without going to Chico. Starbucks is a popular hangout. I have not had time to get an antenna up or to deploy a radio yet, but that is on my to-do list.

No other Musings were received this month or last. Please contribute.

73, Jerry Alice

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



Publisher's Corner

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

E-Membership Report

Earlier in 2019 we started offering NASWA e-Memberships, with the *Journal* sent out each month via electronic mail as a PDF file, suitable for reading on smartphones, tablets, and computers. The file can also be printed for those who prefer to work with paper. The physical format of the *e-Journal* is 8 1/2 by 11 inches, so it can be printed on regular paper at home or work.

An e-Membership is cheaper than a regular membership, as it saves us from having to mail out the *Journal* each month – for folks in the USA, postage reflects about 1/3 of the total cost of bringing you the *Journal* each month, but it's a much higher percentage for folks living in Canada and abroad. If you have shortwave hobby friends in other countries, let them know about the e-Membership option.

Approximately 80 members – roughly 1/4 of our total membership – receive the *e-Journal* each month. I'm pleased by that rate of takeup after only six months of offering. That includes several members who have joined the club over that time who were either members long ago, or are new to NASWA altogether.

If you are receiving the paper version of the *Journal* and would like to try out the electronic version, drop me a note at hq@naswa.net, and I'll start you on the e-version with the next month at no additional cost.

Shortwave listening on vacation

Don't forget to take a portable shortwave radio with you on your summer vacation! Even though the quantity of "easy listening" stations isn't what it used to be, there are still signals on the bands. It can be especially enjoyable if your vacation takes you some distance away from your regular listening habitat – you might hear different signals on the bands, or be able to take advantage of propagation over water (if your location is, say, near one of the coastlines). Make some notes as to what you're hearing, and send 'em in as a log or a musing. Make sure to mention where you were listening – location makes a difference!

Another aspect of listening on vacation is in case you're awake when others around you might be still asleep...it might be a different time of day from when you normally tune in, so you might find something different on air

Summertime gatherings

As Rich D'Angelo mentions in his *NASWA Notes* column, the annual Madison-Milwaukee gathering is coming up on the calendar, and we in the Greater Reading, PA area just had our annual summer outdoor gathering. While summertime might not be the best radio listening time, it can be a great time to get together with other radio enthusiasts at a picnic. It doesn't have to be a fancy affair – see if a nearby park has a pavilion that you could reserve, and set it up as a "pot luck" to spread the food tasks around..

If you're interested in hosting a gathering, we here at NASWA HQ can help you by sending you a list of postal addresses of NASWA members in your region, if you don't already have that information, so you could send out post cards to see if there's interest.

Along that line - with the increased prevalence of e-communication - if we already have your e-mail address for, say, the *e-Journal*,

and you're willing to hear from other club members via e-mail, drop me a note that it's OK for us to share your e-mail address. We don't provide e-mail or postal addresses to any commercial endeavor - never have - and any e-mail communication we do is strictly hobby-related.

Good listening - Richard



Listening Review

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

Welcome to Listening Review for July 2019.

I am going this month to provide some highlights of a couple of programs that I recorded overnight on various dates during mid-June, using an ELAD FDM-S2 receiver with SDR Console v3 software. I can record from the SDR receiver using either the native FDM-SW2 software or SDR Console, however for playback I always use SDR Console which provides superior controls for skipping back and forth through the recorded files (and fortunately SDR Console will also playback ELAD FDM-SW2 files).

Radio Exterior de Espana.

I will start with the *English language service* of REE on Monday 10 June at 2200 to 2230UT on 9690kHz, presented by Justin Coe. Without any preamble we are into some music from the Canadian-American band called The Band, and their Farewell Concert in San Francisco in 1976 which was filmed by Martin Scorcese and released as *The Last Waltz* in 1978. One of the participants at the concert was Dr John, and Justin continues the program with more music by, and the life story of, Dr John who sadly recently died (on

6 June). It was an interesting and enjoyable program including some great songs such as (amongst others) "*Such a Night*", "*Right Place, Wrong Time*", "*Ico, Ico*" and (in a duet with Rickie Lee Jones) "*Makin' Whoopee*". With a brief time-fill reprise of "*Right Place, Wrong Time*", the program ended and transitioned into the French service.

Now, I have a slight problem here: I did very much enjoy the program - and the music. But - I could have been listening to almost any station from anywhere. Other than the canned ID just before the start of the broadcast, there was nothing in the program to indicate that this was REE's English broadcast - not even a "hello" or "goodbye" or information as to when the next broadcast would be. Further, there was very little in the program to link this to Spain (other than an oblique reference to a couple of concert appearances by Dr John in Spain and an anecdote by Justin about how he came to see Dr John live in Madrid), and I would like to see more Spanish-related content in these programs. This is not to say that there is not any Spanish-related content in the broadcasts, for example the podcast of the broadcast for 27 May contains a report on the European parliamentary elections in

Spain and music from the "Spain-based world music group Zoo Bazar". However, it would be nice to have more news and comment from and about Spain.

I wonder, though: I haven't heard Alison Hughes recently, (although I may have missed her presentations as I do not listen very regularly), but checking the latest podcasts of the English language service at <http://www.rtve.es/alcarta/audios/emision-en-ingles/> over the last 2-3 months, I find that all the available podcasts in that time were presented by Justin (although not all broadcasts are made available here, so maybe Alison presented some of the missing podcasts). If Alison is not available at present, and I hope that she is well, and as Justin appears to be on his own, then lack of time and resource could explain the lack of Spanish-related content at present. Nevertheless, I am very happy that REE managed to resurrect their English language service to shortwave a year or so ago, and the broadcast deserves our support.

REE's English language service is heard Monday, Wednesday and Friday from 2200-2230UT.

Voice of Vietnam

The V of Vietnam's English broadcasts at 0000, 0100 and 0130UT on 7315kHz (via WHRI) are all heard here in the UK with good reception (with 0000UT providing the strongest reception at my location).

I listened to the Sunday 16 June at 0000UT transmission and was interested in the *Saturday Report* program with a short feature marking the 10th anniversary of the VOV Traffic Channel:

"Broadcasting on FM 91 MHz, VOV traffic channel has installed modern cameras, and established hotlines to connect with listeners and give around the clock news on traffic, current affairs, society and culture. The "Rush Hour" program - which broadcasts three times a day with traffic instructions, and regulations, as well as driving safety skills - has proved to be the most popular and interactive VOV. [...] The program broadcasts live traffic information, weather forecasts, and traffic jam warnings produced by editors, reporters and a number of collaborators. It also provides a platform for people to raise their voices on burning issues to authorities. [...]"

"In 2017, VOV Traffic was broadcast in the Mekong Delta with a new format, named Mekong FM 90 MHz. The channel soon becomes popular with practical programs featuring not only traffic but also current affairs, news and local music.

"VOV President Nguyen The Ky stressed the need for VOV Traffic Channel to improve its programs: 'Over the past 10 years, VOV Traffic Channel has well fulfilled its tasks to serve traffic sector and assure traffic safety. [...] In the context of developing technology and increasing news demand, VOV Traffic Channel needs to do more to create breakthrough in its programs to serve listeners'."

A slightly critical note to end that report, I felt. Anyway-interestingtohearaboutthatstation.

The broadcast then continued with the always enjoyable *Weekend Music* program, today featuring some rather nice duets. Three songs were heard, starting with a song written in 1978 which was a love story about two young people during wartime called "I'm at the end of the river, and you're at the other". This was followed by a song about the life between

soldiers and the ones they left behind (based on a poem inspired by letters written by soldiers to their loved ones). The final song was about a couple exchanging promises of love ahead of a shooting contest between ethnic people living in Vietnam's northern mountain region. Very pleasant listening.

I listened also to the Sunday broadcast (transmitted Monday 0000UT on 7315kHz) – in particular to *The Sunday Show*, described by VoV as “our biggest show”. Today's program was a fascinating feature about Hanoi's Tay Ho district (15 minutes from Hanoi's Old Quarter) including the capital city's largest lake (with a circumference of 17 Km) called West Lake. It sounds a fascinating area, and the program covered many of the attractions of the area. For example Lotus Tea made from lotus plants in the West Lake - long regarded as the best for scenting tea.

“The lotus flowers must be picked in the early morning, when the dew is still heavy, in order to ensure the tea's freshness. [...] Anthers are separated from the newly-collected flowers and then mixed with dried green tea. After two days, remove the anthers from the tea before drying the tea again in low heat. Add more anthers and continue scenting the tea. The process is repeated three times or more. It takes 100 to 120 lotus flowers to make just one gram of tea.”

That's a lot of lotus flowers, and I suspect that the tea is very expensive. The program continued with some rather delicious sound shrimp cakes before moving on to talk about:

“Trich Sai village on the bank of West Lake [...] one of six ancient villages in Tay Ho district, which has preserved its rich traditional culture. [...] The village still has many old pagodas, temples, and shrines and a communal house.”

Another very enjoyable program. The Sunday Show is probably my favourite on V of Vietnam – although Colourful Vietnam and Weekend Music are also high on my list with Letterbox, Discovery Vietnam and Village Life also in the running!

Here is the current V of Vietnam program schedule:

Sunday: News, The Sunday Show

Monday: News, Current Affairs, Colourful Vietnam, Personality of the Week

Tuesday: News, Current Affairs, Society, Business

Wednesday: News, Current Affairs, Letterbox

Thursday: News, Current Affairs, Economy, Discovery Vietnam

Friday: News, Current Affairs, Our Village Life, Culture

Saturday: News, Saturday Report, Weekend Music

BBC Midwinter broadcast

Finally this month, a quick mention of the annual *BBC Midwinter* broadcast in conjunction with the British Antarctic Survey on 21 June to the 36 scientists and support staff overwintering at the three occupied British research stations in Antarctica, presented by Cerys Matthews. The DX/SWL community first became aware of this in 2009, although it was clear at the point that the broadcast had been running for some time prior to that year. I liked the description given by Alan Pennington in the bdx mail list, which I think sums it up quite nicely:

“Good reception on 5875 (Woofferton) and 7360 (Ascension) last night, with just a trace audible on 9455 (Woofferton) here. Some STANAG interference to 5875 noted so best on 5875 USB. Hopefully the 36 staff overwintering at 3 British Antarctic Survey bases also got good reception! Cerys Matthews has a nice clear voice to cut through any QRM. It’s like eavesdropping on a private celebration of midwinter’s day with all the family messages, plus other messages including from the Princess Royal (Anne) and David Attenborough and it’s all

skillfully squeezed into 30 minutes by Boffin Media with the transmitters closing at exactly 2200. If you missed it, you can hear the program here: [https://www.bbc.co.uk / programs/w3csz4pn](https://www.bbc.co.uk/programs/w3csz4pn) (but without the hum on the Ascension transmitter!)”

I also very much enjoyed the program, and have a note in my diary to for next year.

For this month, it’s 73 and good DX and SWL until next time. Alan



International Broadcasting

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

Why did BBC’s international audience increase by 50m?

On June 18, a BBC press release (bbc.in/2Xbt-2De) announced: “More people around the world are tuning into the BBC than ever before, reaching a new high of 426m a week - an increase of 50m (13 percent) over the year.”

The 426 million includes “all BBC News services outside the UK [including BBC World Service in its several languages] and branded entertainment content on TV [eg the BBC America channel on cable and satellite], BBC websites and social media pages for BBC Studios.”

The numbers: “BBC World Service in English and the BBC World News TV channel have both achieved all-time record audiences of 97m and 101m respectively. BBC World Service’s 42 language services have climbed to 259m. BBC Global News, the commercial subsidiary of BBC News which operates the BBC

World News channel and bbc.com, makes up most of the remainder and has seen increases across TV and digital of 6m, to 121m - another record high. Overall, BBC News has seen increases of 23m for TV (to 214m), 12m for audio (to 178m) and 18m for online (to 95m).” [Emphasis added.]

An increase of fifty million in one year? With forty years in the international broadcasting audience research profession, that piques my interest. It also sounded familiar, because the U.S. Agency for Global Media (formerly Broadcasting Board of Governors), parent bureaucracy of VOA, RFE/RL, Radio Free Asia, Alhurra/Radio Sawa and Radio/TV Martí, claimed a 67 million “year-on-year” audience increase from 2017 to 2018 (bit.ly/2El5h0q).

In this column and in the USC Center on Public Diplomacy Blog (bit.ly/2ZMJu9N), I wondered what could have caused such a marked audience increase for USAGM. A major war? A big new television affiliate on a populous

country? Nothing like that, but digging into the USAGM report, I did note a shift in methodology. Audience is increasingly determined by positive responses to program and blog names, and not the brand name of VOA, etc. Because program and blog names can be similar to, or the same as, program and blogs names within the target country, this is a breeding ground for false positives. (USAGM responded here: bit.ly/2JehxBo)

“Something really big must have happened”

Jamie Angus, director of BBC World Service Group, tweeted: “Big news from the World Service - a new record global audience of 426m ...” And so I did something that I rarely do: I used Twitter, one of the most prominent of the social media, socially. I replied to his tweet: “A 50m increase in one year? Something really big must have happened. The addition of languages of India & Africa is part of the explanation. But are there methodological reasons, e.g. how questions are asked?”

Mr. Angus replied back: “We measured some markets we hadn’t for a couple of years. Indian audience has grown significantly with new services, as has Nigeria. And WS radio and World News TV both doing very well.”

Here, at least, Mr. Angus sort of acknowledged that it was not really an increase of 50 million in one year. To claim that would require a survey in every country, every year, a fiscal impossibility. What actually happened is that the *measured* audience increased from 2017 to 2018, but this involved replacing some audience estimates several years old.

Big audiences in India and Nigeria – in their languages

Unlike the USAGM audience increase, there *are* plausible reasons for BBC to increase its international audience by 50 million. The most obvious of these is the addition of languages of India and Africa (mainly Nigeria). India and Nigeria are very populous. Placement deals in these countries, which BBC achieved, would open up large new audiences.

Increases for BBC World News (the global English TV news channel) and some other BBC international operations do not have such obvious explanations. As an old research analyst, I worry that methodological tomfoolery, such as I suspected on the part of USAGM, played a role.

We may never know. The BBC international audience estimate would be much more meaningful if it can be compared to competitors in international media. But we can’t just take the BBC’s 426 million and place it alongside USAGM’s 345 million. For one thing, the BBC includes its entertainment and documentary content available abroad, as well as BBC World News; USAGM generally has no such products. Furthermore, in the past few years, the research methodologies of BBC and USAGM (and its predecessors), once synchronized and shared, have diverged. Most likely the BBC has an audience estimate for USAGM, and vice versa. But the etiquette of the profession discourages one organization divulging data about its competitors.

Why would such comparisons be important? Because the comparison would demonstrate which organization is more effective, and provides better value for public money. There are differences. BBC is a unitary effort, with a strong brand, while USAGM has several

entities and less robust brands, with overlapping missions, competing for audience, budget, talent, and resources (such a transmitter sites). BBC is militant about guarding its journalistic independence, while USAGM is more ambivalent about this – with things likely to become more confused when the Trump-appointed CEO takes over USAGM.

A solution would be for the international broadcasting organizations, that are curious and care about their audiences, to create an independent research consortium. The results, down to the datasets, would be available to their governments, media scholars, and journalists. Methodologies would be transparent. In commercial broadcasting, such a role is served by Nielson and other companies. Advertisers won't take the broadcasters at their word, hence the need for a third party.

My research wish list

And if the consortium is created, here is some of my wish list for research projects:

1) English international news channels. CNN International and BBC World News are the biggest players. Al Jazeera English has emerged, with the important advantage of being free. Others include France 24, RT, DW TV, NHK

World, China's CGTN and CNC World, Euronews, Channel New Asia, and Iran's Press TV.


2) Arabic news channels. Intra-Arab channels are Al Jazeera, Al Arabiya, and Sky News Arabia. From outside the Arab world are BBC Arabic, Alhurra, DW TV, CGTN, Russia Al Yaum (RT Arabic), NHK World Arabic, Euronews Arabic, Al-Alam (Iran), and probably others.

3) International media in Iran. USAGM claims it has the largest audience in Iran. I don't think so. This would be settled by a survey involving telephone calls from outside Iran. Players are BBC Persian, VOA Persian, Radio Farda, Manoto TV, Pars TV, DW, Radio Zama-neh and others.

4) International media in China. Very few Chinese access foreign media, so a survey would first have to reach those who do (and find out how they get past the Great Firewall). In addition to VOA, RFA, BBC, NHK, DW, and Taiwan media, some private media now have Chinese-language versions, including New York Times, Wall Street Journal, Financial Times, Reuters, and even Turner Media's Bleacher Report (they love NBA).

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

NASWA Email Group (Updated Address!)

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

Shortwave Center

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SHORTWAVE HISTORY

Bolivian Mining Radio

By Martin Butera

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BDXC Communicator

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Radio Mineras Bolivianas are unique in the world, because they belonged to the unions of mining workers, and were created to defend the interests and the struggle of the workers' movement.

Mining was fundamental in Bolivia long before the country reached its independence in 1825. When the Spanish conquistadores began to exploit the silver of Potosí in the 17th century they never imagined that there was such a quantity under the "silver mountain". Bolivia's exports were mainly based on silver and then tin, until the country's economy was transformed in the last decades of the 20th century. For three centuries the silver extracted from Potosí was taken to Spain, until the mountain lost its original shape and gradually collapsed. It has been written that six million Aymara and Quechua Indians, plus a considerable number of African slaves, lost their lives in the mines during that period. Potosí was then one of the great cities of the western world. In 1625 it had a population greater than London or Paris, and more churches than any other city in the new world. Although isolated in the alti-

plano, at an altitude of 4,200 meters, in Potosí the most luxurious goods imported from Europe could be found.

From the independence of Bolivia in 1825 until the mid-1970s, mining continued to be the main economic activity generating income. Silver gradually became less important, but the country became the world's second tin producer. In the mid-1950s minerals account-



The radio station door shattered by bullets, during the military coup of Garcia Meza

ed for 70% of exports. A few thousand workers in the mining centres had on their shoulders the responsibility of sustaining the economy of the country and its five million inhabitants. No government could afford to ignore the political opinion of the miners, especially when their unions were reputed to be the most democratic and politically advanced in Latin America.

Station Resistance

The 1980 military coup of General Luis García Meza had triumphed in Bolivia, many citizens who resisted were killed or imprisoned, others escaped into exile. The army managed to completely control the cities. The first military objective was the media: all the radios, television channels and newspapers were closed and when they came to light again, it was under strict military censorship. Actually, not all radio stations ...

The chain of approximately twenty stations in the mining districts of Potosí and Oruro, in the Bolivian highlands, continued transmissions under very high pressure. In order to know what was really happening in Bolivia after the coup, people searched the radio for the frequency of La Voz del Minero Radio Animas or Radio Pío XII. Even foreign correspondents based their news radios on mining radios. The army knew, that is why every day the troops came closer to the mining districts, breaking little by little the resistance of the workers who defended their stations with their lives.

One of the last mining stations to fall under military control was Radio Animas. This is the transcript of the dramatic final live broadcast: The troops are approximately five kilometres from Siete Suyos and very close to Santa Ana ... so we are preparing to defend ourselves ... The number of detainees reaches 31, who have been moved to the city of Tupiza according



to the reports that have reached us ... This is Radio Animas for all the south of the country ... We are in this crucial hour, we are in constant mobilization, women have contributed greatly in the preparation of the defence ... We will be to the last comrades, because that is our mission, to defend ourselves ...

That was near the end. Minutes later there shooting heard at Radio Animas. The last thing the announcer managed to transmit was a message to the other stations, Pío XII and Radio Nacional de Huanuni, to take the signal and continue with the live broadcasts of the mining chain. Others continued until the army silenced the last one, destroying the equipment and killing those who defended their right to communicate.

La Voz del Minero, Radio Vanguardia de Colquiri, Radio Animas, Radio 21 de Diciem-

bre, Radio Nacional de Huanunison are some of the radio stations created, financed and controlled by the mining workers of Bolivia.

In the Beginning

It all started around 1949, with a station that settled in the mining district of Catavi. During the following 15 years, other districts followed suit: they bought equipment, trained young people from the camps, financed by workers who gave a percentage of their salary to support the radio stations.

The stations started precariously, equipped with the bare minimum. Some managed to obtain international support and became more sophisticated broadcasters, with better equipment and facilities. Several even built an assembly hall next to the station, in order to broadcast the union meetings live. Radio



Vanguardia decorated its living room with a large mural that tells the story of the Colquiri mining centre. A scene in the mural depicts the bombing of Bolivian Air Force aircraft in 1967, when the country was subjected to a military dictatorship.

At the beginning of the 1970s there were 26 stations in operation, almost all of them in the mining districts of the Bolivian highlands. At that time, the miners' unions were still very important, considered as the political vanguard in Latin America.

In times of peace and democracy - which were not the most frequent - mining radios were integrated into the daily life of the communities. They functioned efficiently as alternatives to telephone and mail services. The people of the mining centres received their correspondence through the radio and sent messages of all kinds, which were read several times a day: calls for meetings of the Committee of Housewives, messages from the union leaders about their negotiations with the Government in the capital, messages of love between young people, sports activities, funerals, births and local festivities.

In times of political conflict, trade union radios became the only reliable source of information. While the military attacked newspapers radio and television stations in the cities, the only information available came through the mining radios. All of them joined in the "mining chain" until the army penetrated the mining districts and stormed the facilities, defended to the last by the workers. A movie of Jorge Sanjinés, *El Coraje del Pueblo*, rebuilds the army attack in June 1967 in the mining district of Siglo XX and the seizure of union radio. <https://youtu.be/6ZzRW0mqc7w>

The mining radios were important insofar as the miners were important in the economy and politics of Bolivia. But also the influence of the miners grew during the decades in which they had at their disposal this powerful means of communication to express their ideas. As the importance of mining declined in the 1980s, trade unions weakened and many of the stations disappeared, at the same time the mines were closed.

Participatory Communication

The radio stations played a preponderant role in strengthening the mining unions in the struggle for unity. All unions were affiliated with the Bolivian Trade Union Federation of Mining Workers (FSTMB), which for four decades (1946 to 1986) was the vanguard of the powerful Bolivian Workers' Central (COB). It is not simply coincidence that unions and radio stations shared premises in most of the mining districts, and that the union's Secretary of Culture was usually the director of the radio station.

The social impact of the radio stations of the mines was also important in the process of construction of a cultural identity in the mining centres and in the surrounding peasant communities. On a daily basis, the mining radios were open to participation. The visits to the stations were very frequent, whenever people needed to express themselves on any topic that affected their lives.

The most innovative in the experience of mining radios in Bolivia is community participation. The characteristics of this participation constituted a revolutionary event in the 1950s, as they still are today. Very few experiences of participatory communication have reached a level of total appropriation of

a means of communication in terms of technology, day-to-day management, content and service to the community.

One of the most interesting aspects is that of training. The mining stations gave rise to new generations of journalists. The training was usually done locally, with the support of other organizations. Some journalists and broadcasters who began their professional activity in the mining radios later became well-known radialistas when emigrating to the cities.

The end of mining radio stations

Although the mining radios were oriented by the ideology of the unions, this did not represent an obstacle to participation insofar as they reflected the will of the workers. In the positions of responsibility of the union, leaders of different political parties were elected, but none of them intended to break the sense of unity that was reflected in the radio programmes.

The real challenge of the mining radios was political repression, the same one that affected the mining class as a whole. Some stations were destroyed by the army six or seven times in the course of their existence. Several chose to preserve the traces of resistance on their walls: the bullet impacts received. Again and again, destroyed equipment was replaced by new equipment purchased with the contribution of the workers. Impoverished but worthy, they offered one day of their salary to their station.

From the technical point of view, the mining stations suffered material deficiencies. The equipment of most of them was very elementary, although sufficient to carry out the work. When equipment was damaged it

was repaired by local technicians who lacked the necessary replacement parts but were abundant in creativity. The low capacity to pay salaries to producers made the quality of programming low, especially in terms of educational content.

What finally caused the mining radios to end in the 1980s was the abrupt change in the country's economy. Traditional mining ceased to be central in exports and the cost of producing tin was higher than the international price. The government closed state mines; workers moved to cities in search of employment, leaving ghost camps behind. The influence of the unions decreased, and few stations survived the transition to the new century.

On 28 August 2017, the Ministry of Mining presented a decoration to the directors of the mining radios that are still in force. The award also recognized the "high level of awareness of workers to convey their ideals against the editorial position of the commercial media that did not take into account these struggles."

The Bolivian government recognized the mining radios for their contribution to the democratic political history, the defence of human rights and their consequences in defence of the working class and workers.

"One of the disastrous actions was when several military radios intervened in the military coup, the equipment was destroyed, many journalists and journalists were imprisoned, because the network of mining radios constituted a whole subversive network of communication for revolution and liberation. , that is why this type of media is important, "said the current Minister of Mining, Cesar Navarro Miranda, when he offered the tribute.



Likewise, he indicated that the political participation from the chain of mining radios in dictatorial processes was decisive for the return of democracy and that is why they constitute a political and democratic history, thanks to the sacrifice of the workers. Among those that stand out: Radio 21 December, National de Huanuni, Vanguardia de Colquiri, 16 March of the Bolívar mine, Ánimas and Chichas de Siete Suyos, among others. The event was nuanced with musical participation achieving great emotion among the participants.

One of the few survivors

On 24 June Huanuni National Radio will be 60 years old. The historic National Radio of Huanuni, one of the first miner-union radios in Bolivia, recognized for its active partic-

ipation in the country's social struggles, is ready for its re-launch with a powerful team and state support.

Now with a modern FM equipment (and on 92.5 MHz), it will be a witness to the new Huanuni radio that emerged to the ether in the 1950's and was a faithful witness of the struggle of the mining unions and the popular classes.

Respondent since its birth, Radio Nacional de Huanuni became the inseparable companion of the workers of this mining centrw who bled tin for the benefit of the great powers and the so-called "tin barons".

Since then, the union radio station has written an unprecedented story in Bolivia, as an inseparable companion of the workers' strug-

gles and vanguard of the resistance of the miners against totalitarian regimes between 1964 and 1982.

Also as a school of Bolivian broadcasting, by the passage of the brightest speakers and budding journalists by their microphones. Because of the station's irrefutable identification with the social movements it suffered several attempts to silence its voice, through dictatorial governments that destroyed equipment and assassinated several miners.

government of President René Barrientos Ortuño. www.radionacionaldehuanuni.com
Documentaries

First documentary about one of the most important historical experiences of participatory communication: the radio stations of the mining workers of Bolivia. Made in 1983 for UNESCO by Eduardo Barrios and Alfonso Gumucio Dagron, in 16 mm. https://youtu.be/-c3_g5jrMTI



Like the one perpetrated in 1967 in the ferocious massacre of San Juan when military forces razed all their equipment and looted their nightclub when the radio accompanied and encouraged a mining protest against the

Voices of the Socavón Two Argentines produced a documentary that highlights the struggle of mining radios in Bolivia during the dictatorships. Voces del Socavón, a production made by Argentine filmmakers Julia



Photos are of Radio Vanguardia's building and transmitter.

Delfini and Magalí Vela Vázquez and is about the radio La voz del minero from the Siglo XX mine in Potosí, which was the first station financed and controlled by workers, and a pioneer in America Latina

The voices of the tunnel tells the story of

Bolivia's mining radios, led by La Voz del Minero, and its role in the workers' union struggle during the second half of the 20th century. The protagonists of this story, union leaders, women of the Housewives Committee, miners and announcers, relate the historical events they went through in search of the Bolivian workers' revolution. The film links the culture within the mining camps, accompanied by the poetry and stories of the famous Uru-

guayan writer Eduardo Galeano, in what is one of his last interviews. Here you can see his trailer <https://youtu.be/HUM40UGEQTA>.

Mining Radio Stations Today

Currently of the more than 20 mining radios that operated in the country of Bolivia, only three of them are on air. These are Radio Nacional de Huanuni (HuanuniOruro), Radio Vanguardia (ColquiriLa Paz) and Radio 16 de Marzo (Bolívar-Oruro).

National Radio of Huanuni (Huanuni-Oruro), that used to transmit by short wave, is on FM (94.5 MHz) and online www.radionacionaldehuanuni.com/



Photo: Martín visiting Radio Club La Paz Bolivia CP1AA

Radio Vanguardia of Colquiri, owned by the mining workers of that district, currently has a new transmitter on medium wave 1270 kHz with a power of 3 kW and an FM transmitter, 98.3 MHz with a power of 1 kW. The AM signal can be heard in the remotest corners of the department of La Paz and even nationwide.

Martín Butera is a journalist, documentary maker and founding member of Radio Atomika 106.1 MHz (Buenos Aires, Argentina) www.radioatomika.com.ar. He lives in Brasilia, Brazil.

ADRIAN PETERSON'S DIARY

The Radio Scene on Disputed Diego Garcia

On Monday, February 25, 2019 the World Court in the Hague, Holland, issued a judgment against Britain regarding the Chagos Islands in the Indian Ocean.

According to this non-binding legal opinion, the top United Nations court stated that Britain had acted unlawfully in the decolonization process and should relinquish control over these islands. Accordingly, Judge Ab-

dulqawi Yusuf stated in his summary of the decision that Britain was under obligation to bring to an end its administration of the Chagos Islands as rapidly as possible.

In response, it is reported that the British Foreign Minister, Mr. Alan Duncan, has declared that the British Foreign Office will look at this United Nations opinion very carefully, though the matter is a dispute only between Britain and Mauritius. Let's go back and see what happened.

There is a long line of more than a thousand islands stretching more than a thousand miles from northern Lakshadweep to the Chagos Islands, which in reality is the top of an underwater mountain range in the Arabian Sea and the Indian Ocean. The Chagos Archipelago, at the southern end of this long geographic chain of islands, is a cluster of 7 atolls containing a nest of 60 coral islands.

The total land area of the Chagos Islands is just 21.7 square miles, and the largest island is Diego Garcia, with a total land area of 12.7 square miles.

In its earlier pre-history, the Chagos Islands were uninhabited, though they were known to the dwellers in the southern Maldivian Islands. There were occasions when Maldivian fishermen were accidentally marooned in the Chagos, and sometimes rescued.

The Portuguese were the first Europeans to discover the Chagos Islands, in the 1500s; and the French subsequently laid claim to them. In 1814 the French ceded the islands to Britain by treaty, though they were then governed from Mauritius. The first successful settlement, on the largest island, called Diego Garcia, was established in 1793, and it was made up of Europeans, slaves from Africa, and other island peoples.

In November 1965 the United Kingdom bought the entire Chagos Archipelago from Mauritius for a total of £3 million. Two years later, the British government paid an additional £2/3 million for all of the properties on the Chagos Islands. During the 1960s and 70s, the British resettled the three thousand Chagos inhabitants to the Seychelles and Mauritius, for which they paid Mauritius yet another £2/3 million for resettlement.

A joint military base, British and American, was built on Diego Garcia, the largest overseas military base in the world. If this large military base is no longer needed for international security in the region, Britain states that the islands will again revert to the sovereignty of Mauritius.

Back during the early part of the year 1914, the German light cruiser SMS Emden, under the command of Captain Karl Friedrich Max von Mueller, visited several islandic areas in the Pacific Ocean, particularly the German colonies, as they were at the time. When World War I began in Europe on July 28, 1914, the Emden moved into the Indian Ocean, sinking or capturing more than two dozen ships on the way.

In early October (1914), the German Emden visited the British island of Diego Garcia in the Chagos Archipelago for repairs and crew refreshment; and here it was that the British garrison on Diego Garcia gave the ship and its crew a right royal welcome. The British garrison on Diego Garcia was unaware that war was already under way between England and Germany.

With no wireless station on Diego Garcia, war news had not yet reached that isolated island, more than two months later. The SMS Emden went through its repairs and (some say) a complete repaint, and it was stocked


up with local provisions, for which payment was made in British Pounds that had been captured from British ships. Then, on October 10 (1914), the Emden successfully and safely departed from Diego Garcia without the demonstration of any hostility.

During the month of May 1940, some three quarters of a year after World War II began, the first radio station was installed in the Chagos Islands. A resident on the island of Mauritius, Paul Caboche, received orders from the British government to travel to Diego Garcia and to set up his own amateur radio station there, as a Secret Wireless Radio Station.


On Diego Garcia, radio operator Caboche was expected to transmit to Mauritius infor-

mation in Morse Code about local shipping movements, possible enemy activities and any suspicious events in the area. His tactical callsign was simply the letter T in the English alphabet, and the station in Mauritius was identified with the letter W.

In addition, Paul Caboche at station T was also to communicate regularly with another similar station on the nearby Saloman Atoll, which was identified with the callsign 2Y. If these two radio operators and their clandestine radio equipment had been established in the South Pacific instead of the Indian Ocean, they would have been described as Coast Watch Stations.

More on the radio scene on Diego Garcia in a future Shortwave Center. 

NASWA Flashsheet

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

Listener's Notebook

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Times are UTC and frequencies in kHz.

AFGHANISTAN Weak/fair signal of Radio Afghanistan External Service, June 6:

1530-1630 on 6100 YAK English/Urdu as scheduled

1630-1700 on 6100 YAK Russian, instead of Arabic! (DX Mix-Bulgaria)

ANTARCTICA 15476, Jun 12, -2100*, LRA 36, Radio Nacional Arcángel San Gabriel, Base Esperanza, Latin American songs. Extremely weak, only audible on USB. Strong fading. At times audio and at times only carrier detected. At 1900 reception improved, comments can be heard, Spanish, extremely weak, only audible on USB. Last hour of transmission only carrier detected. (Méndez-Spain/Short-wave Bulletin)

ARMENIA Good signal of FEBA Radio via ENC-DMS Yerevan on May 29:

1600-1630 on 9540 ERV Amharic Thu-Sun
1600-1630 on 9540 ERV Guragena Mon-Wed
1630-1700 on 9540 ERV Amharic Daily (DX Mix-Bulgaria)

ASCENSION ISLANDS Radio Akhbar Mufriha, June 22:

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

AUSTRALIA 5055, Radio 4KZ, 1006-1110, June 10. For several months this had well below threshold level audio, so amazed today to have summertime reception well above

threshold level and easy to ID almost all the songs; commercial announcements and IDs; 1100, usual format of news, ad, marine conditions; noted cut off at 1256*; of course heard with summertime static. Very pleased with today's reception! (Ron Howard-CA)

Reception of Reach Beyond Australia / RBA in 25mb on June 21:

1200-1230 on 11875 KNX English Daily, fair/good (DX Mix-Bulgaria)

AUSTRIA Reception of BBC via ENC-DMS ORS Moosbrunn on June 18:

1200-1230 on 15490 MOS French, very good (DX Mix-Bulgaria)

6155, ORF 1 German programme. Full data coloured QSL letter (RÖI form letter of yesterday) in German. Received in 10 days (2 days for land mail delivery from Vienna) for e-mail report to: oe1.service@orf.at. (Hansjoerg Biener-Germany/Worldwide DX Club)

9810, received a QSL card from Bible Voice Broadcasting via MBR Cologne FM0; via ORS Moosbrunn center, 1700-1900, 100kW, 100degr). Report in English sent to: mail@bybroadcasting.org. (Ivan Zeleny-Russia via RUSdx #1033 via wwdxc BC-DX TopNews June 16)

BHUTAN 6035, BBS, 1110-1152*, June 18. Just after the news in English (unreadable), start of a segment of pop songs; 1120-1132, announcers in English; 1132-1152*, again with pop songs; no N. Korea jamming spur today,

but FM99 started up at *1139, after which the two stations were mixing. A good day for BBS. (Ron Howard-CA)

BOTSWANA Voice of America VOA via Selebi Phikwe in 19mb, June 8:

1100-1130 on 15730 French Sat, very good (DX Mix-Bulgaria)

Reception of Voice of America via Selebi Phikwe, June 12:

0500-0700 on 15580 English, very good signal (DX Mix-Bulgaria)

BRAZIL 5035, Jun 7, 2019, after quite a long time I heard Brazil again on 5035 despite checking the frequency almost daily at this time. Radio Educacao Rural de Coari heard with quite a nice signal on June 7, 2019 at 2228 with A Voz do Brasil. Immediately after its end the station aired its complete ID and closed down at 2301. Usually listed inactive or with c/d at 0100. (Karel Honzik-Czech Republic/Shortwave Bulletin)

5939.65, R Voz Missionária - Camboriú SC. I was surprised to hear this at 2232. Multiple announcers, Portuguese talks and mx stings. I had to check with the KiwiSDR (S o Paulo) to convince myself that I was hearing Voz M. The signal faded by 2247. No other Brazilian channels were audible on June 13. (Rob Wagner-Australia)

BULGARIA IRRS Radio Warra Wangeelaati via SPL Secretbrod on June 1:

1500-1530 on 15515 SCB Afar Oromo Sat, fair signal (DX Mix-Bulgaria)

6055, TOM BS roarer program noted at 2355 on June 3rd, at remote SDR rx unit in Moscow Russia, via SPC-NURTS Spaceline Ltd. Sofia

Kostinbrod Bulgaria relay site. Scheduled requests 2000-0400. 30degr azimuth target to Russia, KAZ. (Wolfgang Büschel-Germany df5sx, wwdxc BC-DX TopNews June 3)

CANADA 6070, CFRX began broadcasting at 7:30 am on February 11th, 1937. CFRX has always been co-sited with CFRB, but used a separate antenna system. The present CFRX array consists of one 50' vertical and provides an omni-directional pattern. The original CFRX transmitter was designed and built by CFRB technical personnel in Aurora. Early in 1983 the decision was made to purchase and install a new 1 kW transmitter. It was delivered and commissioned in December 1983. The new facility is located in a room next to the CFRB transmitters. The transmitter was manufactured by Elcom-Bauer of Sacramento, CA. The design is basically their Model 701B, with the tank circuit of the final stage redesigned and an RF driver stage added after the standard RF oscillator card. The programming is a simulcast of CFRB and is processed at the CFRX audio rack, using CRL processors. A new solid state shortwave transmitter made by Armstrong Transmitter Corporation replaced the Elcom a few years ago. The transmitter is capable of a little over 1,000 watts output but its been turned down to about 900 watts. The new transmitter is actually a redesigned AM transmitter. (via Herbert Meixner-Austria A-DX June 3/ TopNews)

CENTRAL AFRICAN REPUBLIC 6030, Water for Good is up and running. The radio staff wanted to let you know that although they do not have a program guide, they are on the air from 5:30am until noon, then they are back on the air from 2:30pm until 9:00pm in West Africa Standard time zone in Central African Republic (GMT+1). Thanks, Becky Inman, Associate Director of Stewardship (Ed Kusalik-Canada) From the station's website:

there is no television broadcast, newspaper, mail service or widespread cell phone coverage outside of the capital city, Bangui. However, every village and many families have a radio, imported cheaply from neighboring countries. Shortwave radio is the best way to share messages with a broad audience in this remote country, since shortwave radio frequencies reach a much wider geographic region than FM stations. Water for Good worked to establish a radio station that could share weather updates, public health initiatives, and hygiene lessons and connect the work we do to life-changing Gospel teachings. This locally operated radio station serves as a powerful tool. Mailing Address: Water for Good, P. O. Box 247, Winona Lake, IN 46590. Email: info@waterforgood.org. (RAD)

CHINA Frequency changes of CNR-1 in DRM mode effective June 18:

0100-0300 NF 17790 KUN Chinese, ex 15250
0300-0700 NF 21550 KUN Chinese, ex 15250
0700-0900 NF 17790 KUN Chinese, ex 15250
0900-1100 NF 9540 KUN Chinese, ex 15250
(DX Mix-Bulgaria)

6035, FM99 relay via PBS Yunnan, *1139, June 18. Program already in progress; mixing badly with BBS (Bhutan), till that went off at 1152* and FM99 continued on in the clear. (Ron Howard-CA)

6060, Sichuan PBS-2, with new ID, at 1200, 1230 and 1300, June 27. No time pips; multi-language IDs; seemed fairly clear for "Sìchuān mínzú guǎngbò, Sichuan Ethnic Radio," but would appreciate another confirmation. Later heard ". .? . . news from Sichuan"; programming in assume ethnic languages; // 7225. (Ron Howard, Asilomar State Beach, CA)

6080, PBS Hulun Buir, Halair, eQSL in 8 days. Report sent to yinglian@cri.com.cn. (Rudolf Grimm-Brazil/DX Fanzine)

6155, CNR2 (China Business Radio), 1202, June 3. Start of the daily one hour show; starting ID in English; "Ladies and gentlemen, Haiyang Live show, ... Ladies and gentlemen"; otherwise in Chinese, with variety show (comedy, singing, etc.); good reception. (Ron Howard-CA)

7210, PBS Yunnan, 1053, June 18. During a brief check, heard their IS (long musical loop), but mixing with SOH and VOV also on frequency. (Ron Howard-CA)

9520, PBS Nei Menggu, Hohhot, eQSL in 1 day. Report sent to yinglian@cri.com.cn. (Rudolf Grimm-Brazil/DX Fanzine)

11810, received a QSL card for accepting the Mongolian service CNR 8 Voice of Nation via Beijing #491 bcst center. The report in Chinese sent to: lianmeng@cnr.cn. Also a report in Mongolian sent to: 4008000088@cnr.cn. Received an e-QSL for receiving CNR 1 Voice of China (5945 via Beijing #572 bcst center). Report in English sent to: yinglian@cri.com.cn. Received e-QSL for receiving "Xinjiang PBS" (5960 via Urumqi) in Chinese. Report in English sent to: yinglian@cri.com.cn. (Ivan Zeleny-Russia via RUSdx #1033 via wwdxc BC-DX TopNews June 16)

CHINA (TIBET) 6110, PBS Xizang, Lhasa, eQSL in 1 day. Reception report sent to the following email: yinglian@cri.com.cn. (Rudolf Grimm-Brazil/DX Fanzine)

CLANDESTINE Reception of Voice of Oromo Liberation via MBR Nauen, June 23:

1700-1730 on 15420 NAU Oromo Fri/Sun, good signal (DX Mix-Bulgaria)

Dandal Kura Radio International via MBR Nauen, June 22:

0700-0800 on 13590 NAU Kanuri, good signal (DX Mix-Bulgaria)

Radio Ndrason International via ENC-DMS Woofferton on June 19:

1900-2100 on 12050 WOF Kanuri, very good signal (DX Mix-Bulgaria)

Reception of Koode Radio International via MBR Issoudun, June 17:

1900-1930 on 9810 ISS English Sat/Sun BVB, very good (DX Mix-Bulgaria)

Reception of Manara Radio International via TDF Issoudun, June 23:

1600-1700 on 15285 ISS Hausa WRM I broker, fair
0700-0800 on 13840 ISS Hausa, fair (DX Mix-Bulgaria)

Reception of Voice of Eritrean Lowlands via MBR Issoudun, June 22:

1700-1730 on 15390 ISS Arabic Mon/Sat, very good signal (DX Mix-Bulgaria)

Voice of Eritrean Lowlands is a new target broadcast via Issoudun:

1700-1730 Mon & Sat 15390-iss. Address: c/o Gesellschaft der eritreischen Tiefebene e.V, Rosenheimer Str. 84, D-81669 München, Germany. (WRTH International update May/ British DX Club)

Very good signal of Radio Sinit Eritrea via MBR Nauen, June 22:

0500-0600 on 11660 ISS Tigrinya/Arabic Sat (DX Mix-Bulgaria)

Radio Free North Korea via RRTM Telecom Tashkent, June 20:

1200-1300 on 11510 TAC Korean, fair to good signal (DX Mix-Bulgaria)

Reception of Denge Welat via TDF Issoudun on June 17:

1600-2100 on 11530 ISS Kurdish, very good

With a frequent interruption of the audio, same as in the morning:

0230-0500 on 9525 ISS Kurdish

0500-0600 on 11530 ISS Kurdish (DX Mix-Bulgaria)

Reception of Denge Welat via Grigoriopol on June 17:

0600-1600 on 11530 KCH Kurdish, very good (DX Mix-Bulgaria)

Frequency changes of Voice of Tibet on June 15:

1230-1235 NF 9899 DB Tibetan, ex 11661

1235-1250 NF 9886 DB Tibetan, ex 11665

1250-1305 NF 9896 DB Tibetan, ex 9899

1305-1312 NF 9884 DB Tibetan, ex 9891

1312-1334 NF 9876 DB Tibetan, ex 9884

1330-1400 on 9826 DB Tibetan no change

1334-1400 NF 9884 DB Tibetan, ex 9876 (DX Mix-Bulgaria)

5935, Shiokaze/Sea Breeze, via Yamata, audio started at 1300, on June 10. Transmitter on at 1259; another less than ideal frequency assignment, at least for me here in Calif., as Shiokaze now totally blocks reception of Tibet (PBS Xizang), which before Shiokaze signed on was mostly fair. Noted // 6070. (Ron Howard-CA)

CONGO 6115, Radio Congo, *0531-0550, June 12. No "RN2" (Japan) heard today; suddenly came on with program already in progress; announcers in French; this segment never has any music; only a brief opening; poor, but no QRM. On June 13, about the same reception after *0533, again with Japan not being heard at all. (Ron Howard-CA)

DENMARK World Music Radio (WMR) is back on 15805 (200 W). On air Saturday and Sunday 0700-2000. 5840 is still on the air with 25 - 35 W. WMR on 15805 is probably the station on 19 meters with the lowest power so obviously that makes it a DX catch. I have just purchased a new 3 element yagi for 15805, so hopefully soon there will be some improvement in signal strength. (Stig Hartvig Nielsen BDXC-News 19 May/British DX Club)

EGYPT Radio Cairo has reappeared on SW after some weeks off the air. Look out for European services which are scheduled as follows as per HFCC:

1500-1600 Albanian 9705

1800-1900 Italian 9490

1900-2000 German 9570

1900-2000 Russian 9665

2000-2115 French 9895

2115-2245 English 9900 (British DX Club)

ENGLAND Radio Akhbar Mufriha via Woofferton, June 23:

2100-2115 on 7300 WOF Tachelhit

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

ESWATINI Good signal of Trans World Radio Africa on June 23:

1905-1935 on 9940 MAN Lingala Daily

1935-1950 on 9940 MAN French Sa/Su

1935-2005 on 9940 MAN Lingala Mo-Fr (DX Mix-Bulgaria)

ETHIOPIA Weak/fair signal of Radio Amhara on June 11:

0900-1100 on 6090 GDR Amharic (DX Mix-Bulgaria)

EQUATORIAL GUINEA 5005, Jun 13, *0505-, Radio Nacional de Guinea Ecuatorial, Bata, open with Spanish songs, also African songs, at 0527 ID: "Una compañía segura con Radio Bata", Spanish, program "Panorama Nacional", at 0602 "Boletín informativo", clear signal today. At 0600 the signal deteriorated due to daylight and minutes later it became inaudible. Yesterday, June 12, out of air. (Méndez-Spain/Shortwave Bulletin)

FINLAND New schedule of Scandinavian Weekend Radio, June 7-8:

2100-1200 on 6170 VIR Finnish/English

2100-1200 on 11690 VIR Finnish/English

1200-1400 on 6170 VIR Finnish/English

1200-1400 on 11720 VIR Finnish/English

1400-1800 on 5980 VIR Finnish/English

1400-1800 on 11720 VIR Finnish/English

1800-1900 on 6170 VIR Finnish/English

1800-1900 on 11720 VIR Finnish/English

1900-2100 on 5980 VIR Finnish/English

1900-2100 on 11720 VIR Finnish/English (DX Mix-Bulgaria)

FRANCE Employees at Radio France turned off their microphones on June 18 over plans to shed nearly 300 jobs as part of a cost-cutting effort, with many of the daily programmes replaced by music. Following a call by six unions employees halted productions at the public service broadcaster's stations, which range from talk radio to pop music and classical. The proposed cuts are part of a plan to save 60 million euros (\$67 million) by 2022 which was announced in June by group chairwoman Sibyle Veil following a recommendation by France's state auditors. The move seeks to

anticipate an expected 20 million euro cut in state funding over the next four years as well as an increase in staffing costs and further investments in digital media. It also involves the reorganisation of working hours to avoid a reliance on short-term contracts. Some 270 jobs will go if employees agree to forgo up to 12 days of annual holiday, but the layoffs could rise to 390 if there is no agreement. (France 24 via Radio World International)

Frequency changes of Radio France International from June 2:

0400-0500 on 9620 ISS French till June 1
0400-0500 on 11700 ISS French June 2-Aug. 31
0400-0500 on 9620 ISS French from Sept.1
1200-1300 on 15300 ISS French till June 1
1200-1300 on 13740 ISS French June 2-Aug.31
1200-1300 on 15300 ISS French from Sept. 1
1200-1300 on 15390 ISS French till June 1
1200-1300 on 13855 ISS French June 2-Aug. 31
1200-1300 on 15390 ISS French from Sept. 1
1600-1700 on 15670 ISS Hausa till June 1
1600-1700 on 13690 ISS Hausa June 2-Aug. 31
1600-1700 on 15670 ISS Hausa from Sept. 1
1700-1800 on 15300 ISS French till June 1
1700-1800 on 13770 ISS French June 2-Aug. 31
1700-1800 on 15300 ISS French from Sept. 1
(DX Mix-Bulgaria)

Reception of TDA Telediffusion d'Algerie via TDF Issoudun, May 29:

0400-0459 on 6050 ISS Arabic Holy Quran
px, fair/good
0500-0559 on 6125 ISS Arabic Holy Quran
px* fair/good
0500-0559 on 9535 ISS Arabic Holy Quran
px* fair/good
0600-0659 on 9620 ISS Arabic Holy Quran
px, fair/good
*xx03-xx10 news in French (DX Mix-Bulgaria)

TDA Telediffusion d'Algerie via TDF Issoudun on June 21:

0503-0511 on 6125 ISS French news, fair/good
0503-0511 on 9535 ISS French news, very good (DX Mix-Bulgaria)

Reception of TDF Telediffusion d'Algerie via TDF Issoudun, June 25:

0600-0659 on 9620 ISS Arabic Holy Quran px, very good (DX Mix-Bulgaria)

Reception of Alameda Bible Fellowship via MBR Issoudun, June 21:

1700-1730 on 13660 ISS English Mon/Wed/
Fri, good
1930-2000 on 11860 ISS English Mon/Wed/
Fri, additional airings (DX Mix-Bulgaria)

Sawtu Linjiila Voice of Gospel via MBR Issoudun, June 20:

1830-1900 on 15315 ISS Fulfulde Mon-Thu, good (DX Mix-Bulgaria)

GERMANY Reception of Bible Voice Broadcasting via MBR Nauen on June 15:

0600-0615 on 11655 NAU Arabic Dardasha 7, very good (DX Mix-Bulgaria)

Reception of HCJB Voice of The Andes via MBR Nauen on June 15:

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

Reception of DWD Deutscher Wetterdienst in 49mb on June 22:

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

GUAM New time of FEBA Radio India via KTWR Trans World Radio Asia from July:

1245-1315 on 11580* TRM various langs, ex 1315-1345 (DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in 31mb on June 1:

1230-1300 on 9910 TWR English Sat, weak (DX Mix-Bulgaria)

Reception of FEBA Radio India via KTWR Trans World Radio Asia on June 3:

1315-1345 on 11580 TRM Telugu/English
Mon-weak to fair

1245-1315 on 11580 TRM Telugu/English Mon, from July 7 (DX Mix-Bulgaria)

GUATEMALA 4055, the transmitter is off nowadays as to necessary repairs. (Walter Eibl-Germany/Worldwide DX Club) I have good news: Radio Truth is on the air with full power. After some checking, I decided to start transmitter. When I put power on, there happened a strong explosion on Module B, but transmitter went on the air with 300 watts power. Then I installed a spare Module, and it came on the air with full power. I still need to get the 15 A, 600 V. thermal fuse though. That is a very difficult fuse to get in Guatemala. I will keep you informed. (Edgar Amilcar Madrid/TopNews) 4055, Radio Verdad, Chiquimula, on air, at 0430 on June 18, heard with religious comments in Spanish. Very weak, best on LSB. 15311. (Manuel Mendez-ESP, hcdx/TopNews)

INDIA AIR Website. The redesigned website of All India Radio is now available in the following link: www.allindiaradio.gov.in. (Jose Jacob-India VU2JOS, DXindia ng May 29/TopNews)

If Prasar Bharati has its way, All India Radio will have to stop all global short wave transmissions — eighty years after it began international broadcasting in 1939. AIR is resisting the move arguing that it will curtail its global reach. There are about 46 short wave transmitters that run both domestic and external services. Out of these, 28 are used for the external services alone. Barring three transmitters that were recently installed, all the others will have to be shut down over the next six-months. The external services are broadcast to 150 countries in 13 Indian languages and 15 foreign languages. Prasar Bharati had written to the AIR in May asking it to come up with a proposal to phase out the short wave transmitters. A high-ranking AIR official called it a whimsical decision. “There will be a huge implication on external services. The short wave is the only effective way to reach to any part of the world. FM and other modes don’t work. Even live streaming on web can’t be complete substitute to this due to varied penetration of internet connectivity. Any country that wants to scuttle Indian radio can just shut down our web channel.” Prasar Bharati CEO Shashi Shekhar Vempati denied that discontinuing short wave will impact global outreach. He said there would be fresh investments in expanding in DD India, AIR World Service and Prasar Bharati’s Global Digital Platform. “Going forward, AIR world service will be primarily a digital service which will leverage FM and Medium Wave capabilities where available and short wave in a limited way for strategic purposes. We will also explore hiring airtime in transmitters outside India on a need basis where feasible,” he told The Hindu. The majority of the transmitters were nearly 25 years old and obsolete. “Short Wave, as a mode of transmission, has very limited audience, which is further dwindling with time. The short wave network will be

rationalised so we are able to invest more in content and in newer ways of broadcasting, like Internet streaming, digital radio and in future satellite radio. We will, however, preserve a limited set of short wave for strategic purposes and national interest," Mr. Vempati added. Prasar Bharati also felt that the short wave transmission did not bring in revenue and there was no way to assess the actual size of the audience that tune in to it. Questions were also raised about lack of editorial scrutiny. "The reality is that international opinion is not made on radio any more... the primary vehicle has to be digital," a Prasar Bharati official said. (The Hindu by Sobhana K. Nair via British DX Club/Jerry Berg-MA/DXplorer; Rich Cuff-PA)

Reception of All India Radio on 2 frequencies in 31mb, June 25:

1135-1140 on 9950 DEL English, fair to good (DX Mix-Bulgaria)

Reception of All India Radio AIR in 49mb, June 12:

1430-1930 on 6140 BGL Urdu, good (DX Mix-Bulgaria)

7290, AIR Trivandrum back on air after maintenance break. AIR Trivandrum is noted back on after some months from 23 May. Regular schedule is 0230-0932 (Sat, Sun 1030). (Jose Jacob-India; DXIndia ng May 29/TopNews)

7340, AIR Mumbai's SW tx temporarily off air, not heard lately. The 100 kW SW tx of AIR Mumbai is not heard for the last few days on 7340 kHz The sked is 0025-0430 Urdu, 0830-1130 Urdu, 1130-1140 Home Service, 1230-1500 Sindhi, 1500-1600 Baluchi. Maybe 11935 is also off at 1745-1945 English (Ea Africa). [later] According to information from the station, AIR Mumbai's 100 kW SW Transmit-

ter operating on 7340 & 11935 with External Services is temporarily off air due "antenna problems". (Jose Jacob-India <www.qsl.net/vu2jos> ; DXIndia yg June 20/TopNews)

INDIA (GOA) Good signal of All India Radio in 19mb on June 14:

0845-0945 on 15770 PAN Indonesian
1000-1100 on 15770 PAN English (DX Mix-Bulgaria)

INDIA (SIKKIM) 4835, AIR Gangtok. Pleased to hear this one at 1155 when it is still well into daylight hours at the transmitter site (5:25 pm Gangtok time). A fair to poor signal but still noted past 1240. Programming was a selection of chants accompanied by an Indian stringed instrument, interspersed with long talks. It was difficult to ID the language but it certainly wasn't Hindi. Perhaps Nepali or another local language? May 19. NOTE: Thanks to Partha Sarathi Goswami VU3WPS who lives at Siliguri, about 115km south-west of Gangtok in West Bengal who got back to me with further information: It is Indo-Tibetan, I will try to find the exact name to inform you, but here they mostly refer as Tibetan. AIR Gangtok air this programming regularly in the local evening. Otherwise, they transmit in Nepali. Thanks, Partha! (Robert Wagner-Australia, June "ADXNews" magazine ARDXC/TopNews)

INDONESIA 3325, Voice of Indonesia, via RRI Palangkaraya, a late start here on June 11; from 1108 to 1140, no signal at all (therefor still no NBC Bougainville), but at 1147, VOI clearly in Chinese and later (1214) in Japanese; so today there was no special holiday, but audio above threshold level. (Ron Howard-CA)

4750, VoINS-Makassar. Voice of Indonesia is on new 4750 (formerly RRI Makassar) and

3325 (formerly RRI Palangkarya) with the external service between approx 1000-2200. VOI in Chinese at 1150 and Japanese at 1200 on 7 May using a remote SDR in Jakarta and on 11 May heard English at 1030 tune-in on both frequencies via an SDR in Western Australia. RRI's own shortwave transmitter is no longer working so they are instead using these two former RRI domestic tropical band transmitters to carry the external service. (Dave Kenny-UK/British DX Club)

IRELAND 6295, Reflections Radio, 1950, poor with EE religious talk 12/5. (John Durham-New Zealand/New Zealand DX Times) 6295, Reflections Europe, 2002, hrd for the first time this year w/ usual Sunday only format of syndicated religious features, poor 19/5 and 26/5. (Bryan Clark-New Zealand/New Zealand DX Times)

JAPAN 3945, "RN2, Radio Nikkei," again confirming their new sign off time, on June 12 (Wednesday). Same sign off format as yesterday; off a few seconds after 1231*. (Ron Howard-CA)

KOREA (SOUTH) Reception of KBS World Radio via Kimjae on May 28:

2200-2300 on 11810 KIM English (DX Mix-Bulgaria)

4885, Echo of Hope - VOH, 1156, June 18. About a month ago the schedule was changed for the English language lesson - "Easy English," during their former 1240-1300 time period; today tuned in to find them already in progress and ending right at 1200; one announcer was Isaac, who has his own "Isaac Communication Center" (ICC), that produces YouTube videos. At 1200, Today's News ("oneul-ui so-sig"). So there have been some changes to their former schedule, but not sure just how much of a change? (Ron Howard-CA)

5920, Voice of Freedom, 1300, June 18. In Korean; mostly fair. (Ron Howard-CA)

9770, KBS World Radio, QSL card in 136 days. Report sent to the English Section: english@kbs.co.kr. (Heimer Sia-Philippines/DX Fanzine)

KUWAIT Reception of MOI Radio Kuwait in 19mb/16mb AM mode on June 17:

2000-2400 on 17549.8 KBD Arabic GS, fair/good (DX Mix-Bulgaria)

Good signal of Radio Kuwait in 19mb, June 19:

1600-1800 on 15540 KBD Urdu (DX Mix-Bulgaria)

Reception of MOI Radio Kuwait in 19mb DRM, June 17:

1800-2100 on 15539.8 KBD English (DX Mix-Bulgaria)

Fair/good signal of MOI Radio Kuwait in 49mb on June 18:

0200-0630 on 5959.9 KBD Arabic Gen. Sce (DX Mix-Bulgaria)

LAOS 6130, Lao National Radio, checking at 1200, on June 11. Yes, clearly heard unique gong/bell being rung slowly; otherwise completely unusable; very fortunate that 1200 is so distinctive as to confirm it's them. (Ron Howard-CA)

MADAGASCAR Extended transmissions of FPU Radio Tamazuj:

0329-0427 on 7315 ISS Juba Arabic
0329-0427 on 11650 MDC Juba Arabic
1459-1557 on 15150 MDC Juba Arabic
1459-1557 on 15400 ISS Juba Arabic

English news: 1540-1550 Tue/Fri and 0410-0420 Wed/Sat (DX Mix-Bulgaria)

6065 AWR Malagasy. Good signal from a reliable, good DX target. OM in Malgache at 0320 tune-in. Often with nice Indian Ocean island-style choral religious music and sermons in programming produced in local studio in downtown Antananarivo for broadcast by rental xmtrs in Malagasy. About as close as can be to a standalone station in its own right, but just misses, hi. Daily 0300-0400 from Talata-Volondry. (Ralph Perry-IL)

MALAYSIA 11665, Wai FM via Kajang, 1109-1120, on June 8. Audio problem here perhaps just over modulation? Call-in show with children singing; good signal strength. 9835 remains long standing silence. (Ron Howard-CA)

MALI Reception of China Radio International via Bamako, June 3:

1400-1557 on 13685 BKO English, QRM NHK/
CRI

1400-1557 on 17630 BKO English, good signal

1600-1657 on 15125 BKO Arabic, not on air
1601-1603 on 17880 BKO Arabic, good signal from 1603 on 17880 BKO no signal-tx is off. All other transmissions of CRI via Bamako are inactive today June 3. (DX Mix-Bulgaria)

MEXICO 6185, R. Educacion, 0455-0502*, June 12. Classical piano mx up till 0459; then in Spanish; 0500-0502*, Ranchera mx; mostly fair; again with no s/off annmt or NA. (Ron Howard-CA) Sometimes the NA heard around 0358/ 0403, but their regular program continues til usually 0504/0506. (Walter Eibl-Germany/Worldwide DX Club)

MOLDOVA Trans World Radio Africa via ENC-DMS Grigoriopol, June 8:

1800-1830 on 9940 KCH Tigre Sat, very good (DX Mix-Bulgaria)

9610, TWR Africa via Grigoriopol, eQSL in 3 days. Reception Report sent to: prtc@idknet.com. (Ivan Zelenyi-Russia/DX Fanzine)

MONGOLIA 7260, Mongolian Radio P3 (FM100.9 relay), 1154+, on June 11. The usual Tuesday "Radio Karaoke Entertainment" program; in vernacular with phone call-in program with the callers singing. This type of program seems to be popular in Asia, as I have heard same format at Bhutan, Malaysia, etc. (Ron Howard-CA)

MYANMAR 5985, Myanmar Radio, last Friday's (June 7) edition of the language lesson started at 1255, while today (June 14) it started at 1230; was a repeat of the same program heard last week; as usual, was fairly readable; between the two five minute shows, program ID as "Learning English with BBC, Burmese". (Ron Howard-CA)

NEW ZEALAND Reception of Radio New Zealand Pacific in 25mb, June 10:

2059-2258 on 11725 RAN English, good (DX Mix-Bulgaria)

NIGERIA Unscheduled broadcast of Voice of Nigeria in DRM mode, June 12:

0600-0700 on 15119.9 AJA Hausa
0700-0800 on 15119.9 AJA Fulfulde
0800-1030 on 15119.9 AJA French (DX Mix-Bulgaria) This broadcast may be in connection with National Democracy Day, today in Nigeria. (Alan Roe-UK)

OMAN Good signal of Radio Sultanate of Oman, June 1:

0400-1000 on 13600 THU Arabic (DX Mix-Bulgaria)

PALAU Reception of WHRI T8WH Angel 3 & WHRI T8WH Angel 5 on June 9:

T8WH Angel 3

1200-1300 on 9930 HBN English Daily, good

T8WH Angel 5

1400-1415 on 9965 HBN Korean Sun, fair/good (DX Mix-Bulgaria)

PAPUA NEW GUINEA 3260, NBC Madang, (Maus Blong Garamut - Voice of Indigenous Drums), May 31, from 1201 till suddenly cut off at 1210*, NBC news in English (unreadable); 1209, drums and Pacific Islands pop song. June 1, Madang clearly the air, which is fairly rare for them. BTW - Through June 1, NBC Bougainville (3325) continues off the air. (Ron Howard-CA) 3260, NBC Madang, on June 6, at 1123. Above average reception; full ID ("NBC Madang, Maus Blong Garamut"); mostly Pacific Islands pop song. At least there is one PNG station I can hear and enjoy. (Ron Howard-CA)

7325, Wantok Light Radio (tentative), 2028, fair after fading from good with EE comment, 20/4. (Ken Baird-New Zealand/New Zealand DX Times)

PAPUA NEW GUINEA (BOUGAINVILLE) 3325, NBC Bougainville, still silent through June 6, checking from 1046+. (Ron Howard-CA)

PERU 4747.61, R. Huanta Dos Mil, Huanta, Ayacucho. LA pop songs and announcer chat at 1130, fair to poor signal until f/out at 1205, QRM from VoMakassar's Mandarin service on 4750, so listening to the Peruvian was best in

LSB. May 19. (Robert Wagner-Australia, June "ADXNews"/TopNews)

4774.9, Radio Tarma, Tarma, Junin. Mainly Spanish discussion programming at 1145 with occasional music interludes. The usual CODAR QRM a few Hertz up on 4775 spoiled my listening, but tuning in LSB helped somewhat. F/out around 1210 on May 19. (Robert Wagner-Australia, June "ADXNews"/TopNews)

PHILIPPINES Reception of Radio Pilipinas PBS in 31/25mb on June 8:

1730-1930 on 9910 PHT Filipino, weak/fair
1730-1930 on 12120 PHT Filipino, fair/good
1730-1930 on 15190 PHT Filipino, NO SIGNAL (DX Mix-Bulgaria)

Frequency change of Voice of America via Ti-nang:

1430-1530 on 9935 PHT Burmese, ex 11965 (DX Mix-Bulgaria)

9405, FEBC, Bocaue, eQSL + eLetter in 5 days. Report sent to: norie.estabillo@febc.ph. (Rudolf Grimm-Brazil/DX Fanzine)

9925, PBS Radyo Pilipinas, F/D QSL card in 71 days (after F/UP) E-mail: dzrp.radyopilipinas@gmail.com. (Antonello Napolitano-Italy/DX Fanzine)

15450, Radio Liangyou. Full data QSL card received in 717 days for report to FEBC Philippines: PO Box 14205, Ortigas Center, Pasig City 1605, Philippines. (Hironori Takeuchi-Japan/Worldwide DX Club)

ROMANIA Reception of Radio City via RADIO-COM Săftica on June 8:

0800-0900 on 9510 SAF German Sat, fair/good (DX Mix-Bulgaria)

RUSSIA Good signal of GTRK Adygeya/Adygeyan Radio, June 23:

1900-2000 on 6000 ARM Adygeyan Sun (DX Mix-Bulgaria)

Good signal of GTRK Adygeya/Adygeyan Radio, June 24:

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

Good signal of GTRK Adygeya/Adygeyan Radio, June 21:

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

SAUDI ARABIA Reception of Radio Saudi International in 13mb, May 29:

0900-1155 on 21670 RIY Indonesian, very good (DX Mix-Bulgaria)

Reception of BSKSA General Service in 31mb on June 4:

0900-1800 on 9650 RIY Arabic, fair signal (DX Mix-Bulgaria)

Good signal of Radio Saudi Inter and BSKSA in 13mb on June 14:

0900-1155 on 21670 RIY Indonesian Radio Saudi Inter

1200-1300 on 21505 RIY Arabic BSKSA General Service (DX Mix-Bulgaria)

SINGAPORE Fair signal of BBC WS via ENC-DMS Kranji, June 11:

1000-1200 on 9900 English

1000-1200 on 9900 English

1000-1200 on 11945 English (DX Mix 1132/Worldwide DX Club)

Frequency change of BBC via ENC-DMS Kranji effective from June 17:

1730-1830 NF 9530 SLA Amh/Oro/Tig Mon-Fri, ex 9545 (DX Mix-Bulgaria)

SOLOMON ISLANDS 5020, SIBC, June 14, another day they didn't turn off the transmitter at 1200; still being heard 1336+; today was able to confirm faint audio of definite non-stop pop songs. (Ron Howard-CA)

9544.98, SIBC (presumed), 0423-0459*, June 28. a very nice surprise today to tune in and hear some definite audio, with a signal that very slowly improved; could not make out the language and no ID, but am fairly certain it was SIBC; heard today with a normal audio level, Honiara sunset at 0710. (Ron Howard-CA)

SPAIN Radio Exterior de España in English/French/Portuguese, May 24:

2200-2230 on 9690 NOB English Mon/Wed/Fri

2200-2230 on 11670 NOB English Mon/Wed/Fri

2200-2230 on 11940 NOB English Mon/Wed/Fri

2200-2230 on 12030 NOB English Mon/Wed/Fri

2230-2300 on 9690 NOB French Mon-Fri

2230-2300 on 11670 NOB French Mon-Fri

2230-2300 on 11940 NOB French Mon-Fri

2230-2300 on 12030 NOB French Mon-Fri

2300-2330 on 9690 NOB Portuguese Mon-Fri

2300-2330 on 11940 NOB Portuguese Mon-Fri (DX Mix-Bulgaria)

Reception of Radio Exterior de España REE in Spanish, May 25:

1400-2200 on 9690 NOB Spanish Sat/Sun, weak

1400-2200 on 11670 NOB Spanish Sat/Sun, good

1400-2200 on 11940 NOB Spanish Sat/Sun, good

1400-2200 on 12030 NOB Spanish Sat/Sun, fair (DX Mix-Bulgaria)

SRI LANKA Sri Lanka Broadcasting Corporation in 31mb on June 24:

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

SURINAME 4990, Jun 2, 0005, Radio Apintie with a surprising good and readable signal. Dutch speaking announcer taking phone calls and asking for text messages from listeners. On June 3 at 2200 with an acapella shout ID. Believed to be 24 hrs a day. (Stig Hartvig Nielsen, listening in Guadeloupe via HCDX/Shortwave Bulletin)

THAILAND 7475, Radio Thailand, QSL card in 35 days. Report sent to: radiothailand@outlook.com. (Rudolf Grimm-Brazil/DX Fanzine) 9390, Radio Thailand, QSL card in 1,383 days. Report sent to: english@hsk9.org feedback@hsk9.org. (Rudolf Grimm-Brazil/DX Fanzine) 9920, Radio Thailand - HSK9 (Udon Thani). German programme. General partial-data colour QSL folder ("classical paintings on the door panels of Wat Suthat, Bangkok"), A19 schedule (b/w photocopy), station introduction (colour original) received in 37 days (9 days air mail delivery) for report emailed to rthworldservice@gmail.com. (Hansjoerg Biener-Germany/Worldwide DX Club)

Very good signal of HSK9 Radio Thailand WS, June 6:

1800-1900 on 9920 UDO Thai
1900-2000 on 9920 UDO English
2000-2015 on 9920 UDO German (DX Mix-Bulgaria)

TURKEY Reception of Voice of Turkey in Bulgarian & Chinese in 41/19mb, June 7:

1100-1108 on 7210 EMR Chinese, instead of Bulgarian

1100-1108 on 15240 EMR Bulgarian, instead of Chinese

1108-1125 on 7210 EMR Bulgarian as scheduled in A19

1108-1155 on 15240 EMR Chinese, as scheduled in A-19 (DX Mix-Bulgaria)

UNITED ARAB EMIRATES Trans World Radio Africa via Dhabayya, June 23:

1300-1315 on 17680 DHA Afar Thu-Sun, very good (DX Mix-Bulgaria)

Frequency change of BBC via Dhabayya from June 24:

1500-1600 NF 9450 DHA Urdu, ex 9445 (DX Mix-Bulgaria)

USA Revised schedule of WBCQ-6 via new 500 kW transmitter, registered for World's Last Chance WLC Radio:

0300-0700 on 9330 BCQ English
0700-0800 on 9330 BCQ English
0800-1500 on 9330 BCQ Arabic
1500-2300 on 9330 BCQ Arabic
2300-0300 on 9330 BCQ English

All other WBCQ registrations on 9330 are canceled. (DX Mix-Bulgaria)

Additional broadcasts of World Harvest Radio International Angel 1:

2100-2200 on 13700 HRI English Sat May 5-Aug. 31
2100-2200 on 11750 HRI English Sat from Sept. 7 (DX Mix-Bulgaria)

Monthly airings of Radio For Peace International RFPI is sister station of Atlantic 2000 International & please note that new RFPI is not related to the old one in Costa Rica:

2000-2100 on 15770 YFR French 2nd Fri
1900-2000 on 6070 ROB French 2nd Sat
0000-0100 on 9395 YFR French 2nd Sun (DX
Mix-Bulgaria)

Reception of World Harvest Radio International WHRI Angel 1, June 23:

2200-2400 on 11750 HRI English Sat/Sun,
very good (DX Mix-Bulgaria)

WBCQ carried out a few low power tests using its new 500 kW transmitter on 9330 at various times around 10 May, but subsequently it has been off air, with the old transmitter still in use (operating on 9330.1v). Problems are reportedly with both the aerial and the new transmitter caused by prolonged rain. It is hoped to start operation sometime in June according to Allan Weiner Worldwide on 18 May. (British DX Club) This past Sunday's (June 2) episode of the International Radio Report passed along the main points of an interview with Continental Radio's sales/marketing manager regarding WBCQ new transmitter and antenna: Transmitter cost: \$2 million; Antenna: \$7 million and total cost, including a new transmitter building: in excess of \$10 million. (Ron Hunsicker-PA) The entire freight bill paid for by the broadcaster that will utilize the facility continuously. (RAD)

VIETNAM 9839.72 // 12018.94, VOV, 1145, on June 14. Interesting segment in English about making "Hu tieu, a type of rice noodle served with seasoned, sauteed beef is a signature dish of Vietnam's southwestern region"; both frequencies mostly readable (Ron Howard-CA)

ZAMBIA Voice of Hope Africa expanding its weekend schedule from May 25:

1700-1900 on 4965 LUV English Sat/Sun tx#1,
new

1700-1900 on 6065 LUV English Sat/Sun tx#2,
new

1700-1730 on 9680 LUV English Sun tx#1,
deleted

1700-1730 on 13680 LUV English Sun tx#2,
deleted (DX Mix-Bulgaria)

Fair/good signal of Voice of Hope Africa tx#2,
June 3:

0500-0800 on 11680 LUV English Mon-Fri (DX
Mix-Bulgaria)

Voice of Hope Africa has extended broadcasts at weekends from 25 May. The evening schedule is now 1700-1900 Daily on 4965 6065 (1700-1730 Sat/Sun on 9680 13680 is dropped). (British DX Club)

New summer A19 schedule of Voice of Hope Africa from June 4:

1200-1300 on 9680 LUV 100 kW / 000 deg to
SoAf English Sat/Sun tx#1

1200-1300 on 13680 LUV 100 kW / 315 deg
to WeAf English Sat/Sun tx#2

1300-1600 on 9680 LUV 100 kW / 000 deg to
SoAf English Daily tx#1

1300-1600 on 13680 LUV 100 kW / 315 deg
to WeAf English Daily tx#2

1600-1900 on 4965 LUV 100 kW / 000 deg to
SoAf English Daily tx#1

1600-1900 on 6065 LUV 100 kW / 315 deg to
WeAf English Daily tx#2

Morning broadcasts of Voice of Hope Africa
are canceled from June 4

0500-0800 on 9680 LUV 100 kW / 000 deg to
SoAf English Mon-Fri tx#1

0500-0800 on 11680 LUV 100 kW / 315 deg to
WeAf English Mon-Fri tx#2

In new schedule again strong co-channels from RTI+CNR-1/NHK/CRI/VIRI IRIB (DX Mix-Bulgaria)

ZANZIBAR 6015, ZBC-Dole, 0359, poor but improving w/drumbeats, "ZedB-C" ID, time pips & news in Swahili. Bad QRM from CRI 6020 until 0400, 9/5. (Bryan Clark-New Zealand/New Zealand DX Times)

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

George Zeller • 3492 West 123rd Street • Cleveland, OH 44111 • georgez@nacs.net

Shortwave pirate broadcasting continued at a very brisk pace once again during the past month. Pirate broadcasting inevitably increases around major North American holidays. By The only holiday celebrated in the USA during June is Flag Day, which falls on Friday, June 14 this year. But, for shortwave pirate broadcasting purposes Flag Day is almost inconsequential, with little or no increased levels of shortwave broadcasting on or around Flag Day. But, the forthcoming Fourth of July Independence Day in the United States is one of the biggest shortwave pirate holidays of the year, so there is something to look forward to. A major downside this month is that darkness propagation paths continue to shrink to their lowest levels of the year, with the first day of Summer arriving on June 21 in North America. Seasonal static levels on the shortwave bands also reach a peak as summer arrives with a widespread increase in thunderstorm-generated static.

This month we have very important updates to news on the "Preventing Illegal Radio Abuse Through Enforcement" act, with an acronym of the "Pirate Act." Its official title is HR 583. This bill would provide for fines of pirate radio stations of \$100,000 per day,

with a maximum fine of \$2 million. The bill is sponsored by Rep. Leonard Lance (R-NJ) and Rep. Paul Tonko (D-NY). Our sharp-eyed desktop publisher, Ralph Brandi in NJ, points out that when the bill was reintroduced in the current session of Congress, Lance was no longer a co-sponsor, since he was defeated in the November election by more than 16,000 votes. As of the end of April, this bill's prognosis in the Congress remains uncertain. The Pirate Act last year on July 12 did get a vote in the House of Representatives Energy and Commerce Committee, where it passed unanimously. At this point, the Pirate Act was merged with some provisions of the Net Neutrality legislation that is going through Congress. At that point some opposition emerged from some Democrats in Congress. The radio legislation is further complicated by controversial bills to criminalize online internet privacy. All of this is further complicated by the literal chaos within the Federal Government associated with the the Kavanaugh nomination to the Supreme Court, the takeover of the House of Representatives in 2019 by the Democrats as a result of the November 2018 midterm election, and the partial shutdown of the Federal Government late in 2018. On May 15 the Pirate Act passed

the US Senate committee on Commerce, Science, and Transportation unanimously. That refers the bill to the Senate floor for a vote. The fate of this bill in the Senate and on the desk of President Trump remains uncertain at column deadline time this month.

The full text of the Pirate Act that unanimously passed the House of Representatives is on the internet at:

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

Pirate busts by the FCC during the past month were mostly concentrated in the New York City metro area and in Florida as usual. This month we again omit the individual bust notices issued by the FCC. Tom Taylor Now via Rich D'Angelo once again points out that some recent FM busts continued to be of both pirate operators and their landlords. Once again this month the FCC appears to have issued no citations to shortwave pirates in the United States. Your pirate DX news and logs for this column are always welcome. Feel free to send them in so that others can follow trends on how and where others are hearing unscheduled and ever-changing pirate radio operations on shortwave. Modes are USB unless listed.

Amphetamine R. 6925 2123-2203* 5/10/19 fair to good. Prgm of classic rock mx & SSTV images. (Montney, MI)

Brickyard R. 6935 2307-2329* 4/27/19 good. Prgm of some rap/rock mx but mostly old commercials. (Montney, MI)

Brickyard R. 6935 2312-2204* 4/27/19 fair to good. Johnny Big Balls w/some rock mx but mostly old commercials. (Taylor, WI)

Brickyard R. 6925 2119-2132 4/30/19 good. Prgm of some rock mx but mostly old commercials. (Montney, MI)

Bullwinkle R. 6925 2330-2334* 5/10/19 fair. Classic rock mx and Bullwinkle cartoon audio. (Taylor, WI)

Charleston R. International 5139.99 0738-0749 4/13/19 good to fair. Usual medley of retro songs w/OM IDs and occasional tlk in English. (Serra, Italy)

Cool AM R. 6925 0124 5/11/19 very good. A mix of rock, folk, and yodeling mx. (Taylor, WI)

Laser Hot Hits 6205 0038 4/16/19 poor. Prgm instr mx from this Euro. (Taylor, WI)

Laser Hot Hits 6205 0053 4/20/19 poor. Prgm dance mx from this Euro. (Taylor, WI)

Mix R. International 6881 1759 4/19/19 good. A nice selection of jazz mx. (Montney, MI)

Mix R. International 6867 0116 4/25/19 good. Prgm of various mx w/ID's by synthesized YL vox. (Taylor, WI)

Mix R. International 6900 2052-2056* 5/5/19 good. Prgm of dance mx. (Montney, MI)

Nuttin on SW 6925 AM 2354-0025* 5/10-11/19 poor. Gruff voiced OM w/mix of classic rock mx and entertaining conversation. (Montney, MI)

Peanut Power 6952.2 0143 5/11/19 poor. Classic rock mx, w/IDs in CW and some SSTV images. (Taylor, WI)

R. Free Whatever 6950 1836-1855* 4/28/19 fair to good. Dick Weed w/prgm of rock mx. (Montney, MI)

R. Ga Ga 6924.95 0004 4/15/19 good. Largely a prgm of oldies rock & pop mx. (Montney, MI)

R. Ga Ga 6925 2131-2238 4/20/19 good. Classic rock & pop mx, w/ID slightly tentative. (Taylor, WI)

R. Ga Ga 6929.9 2131-2238 4/20/19 S8. Prgm of classic rock mx. (Hauser, OK)

R. Humperdinck 6925 2346 5/3/19 fair. Only hrd end of prgm w/ID and good bye. (Montney, MI)

R. Free Whatever 6925 2225-2225 5/5/19 poor and fading. Dick Weed w/rock mx prgm. (Montney, MI)

R. Illuminati 6868 1445-1552 4/20/19 poor. Rock mx by the Beatles and others. (Montney, MI)

R. Olah 6930 2334-0018* 4/28/19 poor w/ fading. Various mx w/live TCs. (Taylor, WI)

Skippy R. 6950 0005 4/22/19 fair. A mix of rock mx & SSTV images. Sometimes known to ID as Damn Skippy. (Taylor, WI)

Skippy R. 6950 0205 4/21/19 fair to good. Rock mx mixed w/various SSTV images. (Taylor, WI)

Skippy R. 6925 0004 4/25/19 fair. A mix of rock and blues mx w/SSTV images at close. (Taylor, WI)

Skippy R. 6950 2317-2345* 4/26/19 fair. Rock oldies mx & SSTV images. (Montney, MI)

Skippy R. 6925 0234-2038* 4/27/19 fair. Prgm of stories mixed with various SSTV images. (Taylor, WI)

Skippy R. 6925 2233 4/28/19 good but some Chinese jamming. Prgm of oldies rock mixed with SSTV images. (Taylor, WI)

Unid R. 6285 0107-0148* 4/21/19 fair. Classic rock mx w/SSTV image at close. (Taylor, WI)

Unid R. 6950 0254 4/20/19 fair. Classic rock mx w/SSTV image at close. (Taylor, WI)

Wave R. 6925 2226-2304* 4/27/19 fair. Prgm of classic rock mx. (Montney, MI)

Wave R. 6925t 2232-2304* 4/27/19 S9+5. Prgm of classic rock mx, ID not copied but HF Underground says it was them. (Hauser, OK)

Wolverine R. 6965 0014 4/21/19 very good. Discussion prgm by OM w/some SSTV images. (Taylor, WI)

Wolverine R. 6965 0016-0115 4/21/19 SIO 444. Prgm of show tunes w/some SSTV images. (Henley, WA)

Wolverine R. 6965 0030-0100+ 4/21/19 S9+10. Prgm of mx w/some SSTV images. (Hauser, OK)

Wolverine R. 695000295/12/19 S9+20. Musical prgm w/very strong signal. (Hauser, OK)

Wolverine R. 6950 0100 5/12/19 fair. Usual format of 3 songs followed by an ID. (Taylor, WI)

X-FM 6285 0220-0300+ 4/21/19 very good. Redhat w/prgm of rock mx and DJ patter. (Taylor, WI)

Contributors' Page

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Rick BARTON, Sun City, AZ

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

Jerry BERG, MA

No equipment listed

Eric BUENEMAN, Hazelwood, MO

Yaesu FRG-7, Apex 303WA-2 vertical antenna

Eric BUENEMAN, SPDX — Sioux Passage County Park, Florissant, MO

PL-600, 30 foot

homebrew longwire

Ed CICHOREK, Somerset, NJ

IC-R-75, SW8, MFJ956, SWL4-50 wire

Richard CUFF, PA

No equipment listed

Mick DELMAGE, Sherwood Park, ALB

Perseus SDR, Wellbrook ALA-100

John FIGLIOZZI, Sarasota FL

Icom IC-7300, Alpha Delta DX Sloper

Glenn HAUSER, Enid, OK

No equipment listed

Vince HENLEY, Anacortes, WA

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

Ron HUNSICKER, PA

No equipment listed

Jerry JOHNSTON, KY

No equipment listed

Bob LAUER, Rochester Hills, MI

Kenwood R-5000 w AOR LA400 loop (INDOOR!)

Kevin MIKELL, IL

No equipment listed

John MILLER, Ochlocknee, GA

Sony 7600RX


Ralph PERRY, IL

No equipment listed

Alan ROE, UK

No equipment listed

Gianni SERRA, Roma, ITALY

JRC NRD 525 receiver; Alpha Delta DX-SWL Sloper-S antenna; RG 8 mini coaxial cable; JPS NIR 12 Noise & Interference Reducer-Dual DSP outboard audio filter; JRC NVA 319 external loudspeaker unit; Yaesu YH-77 STA stereo headphones; Oregon Scientific RM912 radio controlled clock 

Loggings

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

2850 **NORTH KOREA KCBS**, 5/25, at 1150. Very strong signal, and noted that both marine/tropical band and higher SW bands, hot this morning at local daybreak. Dramatic sounding instrumental music, then operatic music to ToH, where they went to M and W in Korean dialogue. (Barton-AZ)

3320 **NORTH KOREA Pyongyang Broadcast Service** 6/7 at 1130. Dramatic march music to soprano vocalist - SINPO 33333 (Barton-AZ)

3925 **JAPAN RN 1** 5/19, at 1130. Heard on SW-2000629, window frame antenna. Lot of excited banter in Japanese, M and W, strong, no music heard so far today. (Barton-AZ)

3930 **SOUTH KOREA (OPPO) Voice of the People**, 5/18 at 1130. W in Korean. Jammed, as was 3910 //. Jamming not audible on // 3480. (Barton-AZ)

3950 **CHINA P.R. PBS Xinjiang**, Urumqi Changji in Chinese 05.08.2019 1752-1801* woman talk, local pop song, man announcements, music break, woman talk and interviewing other man, brief song and music pause, same woman talk, time pips at 1800 (Serra,Roma,Italy)

4055 **GUATEMALA Radio Verdad** 5/30 at 1130, with Guatemalan Marimba music - SINPO 44334 (Barton-AZ)

4765 **TAJIKISTAN Tajik Radio**, Dushanbe Yangiyul, in Tajik 05.15.2019 1823-1833 local chant, man /woman brief announcements with local music pause, man long talk, poor / almost fair at times (Serra,Roma,Italy)

4765 **TAJIKISTAN Tajik Radio**, Dushanbe Yangiyul, in Tajik 05.19.2019 1808-1822 local chant with instrumental music, woman talk with some music breaks (mostly unclear), local poor / almost fair at times; (Serra,Roma,Italy)

4919 **CHINA P.R. PBS Xizang**, Lhasa Baiding 05.27.2019 1730- 1746 nonstop pop music only (Love is Blue); better in usb, ceaseless fast qsb, moderate qrn rustle and crackles at times, fair/almost good at times; (Serra,Roma,Italy)

4940 **CHINA Voice of the Strait**, 5/19 at 1200, w/ pop vocal music, power love ballad (Love Hurts/Nazareth). SW-2000629 and window frame antenna. Should be noted China on 4900 also good, but not as strong as 4940 - SINPO 44434 (Barton-AZ)

5085 **UNITED STATES WTWW** 0200 with another Motown sound, 4/2 (Miller-GA)

5130 **UNITED STATES WBCQ**, at 01:06 UTC June 09 Lumpy Gravy Radio Show, rock/roll music, also woman singing blues at 01:17, later Santana "Black Magic Woman" I just report WBCQ because I can't always get with an indoor antenna. Came in pretty well this time. (Lauer, MI)

5850 **UNITED STATES Radio Slovakia Int'l** RMI, Okeechobee at 00:30 UTC June 09 DXtreme Monitor schedule checker says this is supposed to be in Spanish but it's not. Male ancr, station ID in English then English reporting (Lauer, MI)

5875 **THAILAND Radio Thailand** on 5/26 at 1130. W in (listed as) Lao, monologue to M in English w/ ID "From the Public Relations Department Bangkok", and off at 1145 - 55555 (Barton-AZ)

5905 **GERMANY DWD** (German Meteorological Service) Pinneberg in German 05.18.2019 0615-0624 woman reading slowly weather report; moderate slow qsb (deep at times), strong rustle, fair/poor at times; in // 6180 with qrn moderate rustle, fair; (Serra,Roma,Italy)

5935 **UNITED STATES WWCR** religious broadcaster in EE. SIO 545, June 16, 2019, 0551 - 0555. YL preacher, Dr. Gene Scott program. Sermon and discussion of faith. Assertion that current church needs "reform." Which current church needing reform wasn't mentioned. (Henley, WA)

5935 **UNITED STATES WWCR** religious program in EE. SIO 333, June 9, 2019, 0005 - 0008. Dr. Gene Scott program. Fire and brimstone preacher with sermon. (Henley, WA)

5940 **CUBA China Radio Int'l** relay Quivicán - 5/17 2339 noted with talk on Chinese civilization in English; SIO 444. (Bueneman-SPDX)

5945 **NEW ZEALAND RNI** at 08100. Nice signal with forecast, News on hour with Brian Walker 4/6 (Miller-GA)

5945 **NEW ZEALAND Radio New Zealand Pacific** - 5/2 0830 noted with commentary in English; SIO 323. (Bueneman-MO)

5950 **ETHIOPIA V.o. Tigray Revolution**, Addis Ababa, in listed Tigrinya 05.15.2019 1806-1818 woman talk, nonstop typical local singsong chants with instrumental music; better in Lsb, moderate qrn splats, ceaseless lite fast qsb, fair; (Serra,Roma,Italy)

5985 **ALBANIA China Radio Int.**, via Cerrik, in Arabic 05.18.2019 0637-0650 woman / man talk over music (with many ment Arabiya as Saudi) till 0641, pop song, woman brief announcement over music break good / fair at times; (Serra,Roma,Italy)

5995 **MALI Radio Mali**, June 12 at 0610, S9 of hilife music, as R. Mali is sufficiently modulated and no RHC aside 6000 to bother it (Hauser-OK)

6020 **ALBANIA *China Radio Int'l***, Cerrik, Albania (per *DXTREME Monitor Log*) at 00:40 UTC June 9 in English, Woman telling story in English (with slight Asian accent.) Fair amount of static, some not understandable. (Lauer, MI)

6040 **ROMANIA *Radio Romania Int'l***. 0002, 5-26-19. Man with news of European parliamentary elections across Europe.SI0333 (Cichorek-NJ)

6045 **SOUTH KOREA *National Unity RADIO***, 5/19, 1240, w/ M and W in Korean, pop vocal music, well over the top of DPRK beeper jammer. (Barton-AZ)

6050 **EQUADOR *HCJB***, 2355, 5-25-19. Choral singing with flute music in background. Announcement by male at 0000 with probable ID. SI0322 (Cichorek-NJ)

6115 **UNITED STATES *WWCR*** 1, religious program in EE from Nashville, TN. SIO 333, June 9, 2019, 0000 – 0005. OM preacher with sermon. Heavy QRN, shallow QSB. Noisy signal, listenable with difficulty. (Henley, WA)

6120 ***AWR*** 0400 with ID & program in Turkish. (Miller-GA)

6160 **GERMANY *Shortwave Radio***, Winsen, in English 05.30.2019 1841-1911 pop and rock songs, with man dj talk after each track (no much clear), woman brief unclear talk at 1856 poor; (Serra,Roma,Italy)

6170 **NEW ZEALAND *RNZI*** 6/7 at 1400. News presenter Catriona Macleod with international headlines, mentions of US vs Mexico tariffs, etc. SINPO 54434 (Barton-AZ)

6870 **TAIWAN *Sound of Hope*** (t), Miaoli, in Chinese 05.13.2019 1810-1822 man/woman unclear talk, slow music and man unclear announcement, woman /man unclear talk with Chinese intonation (Serra,Roma,Italy)

7255 **NIGERIA *Voice of Nigeria*** June 18 at 0551, VON on early again with song accompanied by thumb piano, S9+10/20, but 0552 cut to hum buzz, off and on (Hauser-OK)

7255 **NIGERIA *Voice of Nigeria*** June 12 at 0606, VON is on at S9+10/20 but undermodulated; BTW, 24 hours earlier June 11, when I found it to be off, Ivo Ivanov had it instead on 9689.9 where I did not check, but has happened before. Also at this same time June 12, he reports the DRM transmitter was also active with Hausa on 15119.9. Alan Roe suggests it was for a special occasion, National Democracy Day (Hauser-OK)

7334 **UNITED STATES *Radio Marti***, Greenville NC, in Spanish 05.25.2019 0613-0636 news about Cuba by two men hosts, with music breaks at times; (Serra,Roma,Italy)

7335 **UNITED STATES.*Radio Marti*** in SS. // 7365. SIO 555, June 16, 2019, 0546 – 0551. Excellent signal. Mixed OMs and YLs in conversation with considerable humor expressed. (Henley, WA)

7355 **ALASKA KNLS** religious broadcast in CC. SIO 444, June 11, 2019, 1436 – 1443. YL in Mandarin with homily. MX clip, then OM's in conversational talk and humor. Target is FE. Steep QSB. (Henley, WA)

7355 **ALASKA KNLS** religious broadcast in CC. SIO 444, June 7, 2019, 1441 – 1447. Bible study, then language lesson cc / EE. Lesson on various phrases using the word "keep." Listed language is Mandarin, Listed target is FE. OM and YL announcers. Steep QSB, light QRN. (Henley, WA)

7380 **CUBA Radio Habana Cuba**, Bauta, 2344 5-25-19. Music of the 1920's with ragtime piano and commentary by male host. SIO433 (Cichorek-NJ)

7410 **CHINA China Radio Int'l** in JJ. SIO 343, June 10, 2019, 1425 – 1430. YL JJ monologue, continuing beyond the bottom of the hour. Listed target is FE. (Henley, WA)

7410 **CHINA China Radio Int'l** in JJ. SIO 545, June 11, 2019, 1444 – 1457. YL in JJ with strident monologue. Excellent signal except for a slight QSB flutter. Different YL announcer at 1457 with ID and conversation with humor. (Henley, WA)

7410 **CHINA China Radio Int'l** in JJ. SIO 444, June 4, 2019, 1508 – 1515. YL announcer in JJ. News and commentary. Listed target is FE. OM and YL hosts at 1512, after news, with discussion and humor. Language lesson JJ / CC with OM and YL instructors. (Henley, WA)

7410 **CHINA China Radio Int'l** in JJ. SIO 555, June 7, 2019, 1437 – 1440. OM announcer in JJ with commentary. Interview / conversation with two OM's. Listed target is FE. (Henley, WA)

7440 **GERMANY Channel 292**, Rohrbach Waal, in English 05.19.2019 0738-0753 a medley of disco music, rock songs with man dj talk after each track; two deep fast qsb only, qrn moderate rustle at times; almost good to good /very good at times; in // 6070 almost good / good; (Serra,Roma,Italy)

7490 **UNITED STATES WBCQ**, 2122, 6-16-19. Marion's Attic show with oldies recordings, commentary and an old recording by Hubert "Rudy" Vallee. Fair to good (Cichorek-NJ)

7850 **CANADA CHU** Standard time and frequency broadcast in EE and FF. SIO 555, June 16, 2019, 0525 – 0530. Excellent signal on 7850, somewhat degraded signal on //3330, but quite listenable there with no problems. CHU was not detectable on 14760 at this time. (Henley, WA)

9330 **UNITED STATES WBCQ** in EE from Monticello, ME. SIO 333, June 16, 2019, 0539 – 0543. Brother Stair with a religious harangue. Heavy QRN, Listenable with difficulty, QSB flutter. Listed target is NAM. (Henley, WA)

9395 **UNITED STATES WRMI** in EE via WYFR in Okeechobee, FL. SIO 333, June 16, 2019, 0532 – 0539. Pop / Rock MX. Heavy QRN. Listenable, but with difficulty. Shallow QSB. Listed target is ENAM. (Henley, WA)

9420 **GREECE ERT-1/Voice of Greece** – 5/17 2332 noted with discussion in Greek; SIO 444. (Bueneman-SPDX)

9420 **GREECE Voice of Greece**, Avlis, in Greek 05.10.2019 1900-1920 IS and woman ID (Edo Athina, y foni tis Elladas), man reading news till about 1905, woman ID (foni tis Elladas) and brief announcement, very good; (Serra, Roma, Italy)

9420 **GREECE Voice of Greece**, Avlis, in Greek 05.18.2019 0707-0716 nonstop typical Greek music and songs, very good / local audio (Serra, Roma, Italy)

9435 **NORTH KOREA Voice of Korea** in FF. SIO 232, June 11, 2019, 1452 – 1458. MX with YL singer. Noisy signal with heavy QRN, moderate QSB. Poor listening. YL announcer in FF with commentary, followed by dead air after 1455. (Henley, WA)

9445 **INDIA All India Radio**, 2149, 6-9-19. Male with talk JBA (Cichorek-NJ)

9455 **UNITED KINGDOM BBC WS** via Woofferton at 2130 UTC June 14 testing this frequency among others for the annual mid-winter broadcast to Antarctica. Very Good (Delmage, AB)

9455 **KOREA NORTH [NON] Furusato no Kaze** June 21 at 1332, soft YL talk in Japanese, S5-S8, mentions Shiokaze more than once? 1335 to kid choral song, and then found same stronger but not synch S6-S9 on 9705. Aoki/NDXC shows both are Furusato no Kaze at 1330-1400, but from different sites in Taiwan: Paochung, and Tamsui respectively. Use it or lose it: Bangladesh had Nepali at 1315-1345 on 9455; now on 4750 per EiBi but not Aoki (Hauser-OK)

9540 **ROMANIA Romania Int'l.**, Tiganesti, in Romanian 05.19.2019 0714-0729 slow song, man brief announcement, woman local current affair news with some correspondents talk at; (Serra, Roma, Italy)

9565 **UNITED STATES Radio Marti** in SS. SIO 333, June 8, 2019, 2256 – 2300. OM and YL announcers in SS. Noisy signal, heavy QRN. Listenable with difficulty. ID at top of hour. (Henley, WA)

9580 **ALASKA KNLS** (World Christian Broadcasting) 6/4 at 1030 w/ 1980s British pop (True/Spandau Ballet), man with short lecture on US Constitution - SINPO 33333 (Barton-AZ)

9590 **CHINA China Radio Int'l** relay Kashgar – 5/18 0015 noted with commentary on U.S. tariffs on Chinese goods in Spanish into pop music; SIO 323. (Bueneman-SPDX)

9620 **OMAN Radio Sultanate of Oman**, Thumrait @ 2140 w/OM in AA introducing ME pops. Off suddenly at 2155. SINPO - 45534 (Figliozi, NY)

9635 **MALI RADIO Mali** (p) Bamako in unid Lang. 05.12.2019 1053-1112 instrumental music till 1100, unclear woman / man talk till 1103, singsong chant till 1107, woman brief talk,

man unclear talk with woman brief talk at times, music; better in usb, ceaseless fast qsb, severe qrn, very poor/poor/barely audible at times; (Serra,Roma,Italy)

9650 **GUINEA Radio Guinea** 2140, 6-9-19. Drums and vocals heard but weak. SINP035222 (Cichorek-NJ)

9655 **FRANCE Radio Algerienne**, 2136, 6-9-19. Holy Quran recitation. SINP035232. (Cichorek-NJ)

9664 **BRAZIL Radio Voz Missionaria** at 0135 UTC May 19 in Portuguese with preaching. Very Good (Delmage, AB)

9664 **BRAZIL Radio oz Missionaria**, Camboriu, in Portuguese 05.20.2019 1851-1902 two songs, men unclear talk, brief song break, woman / man talk (mostly unclear); heard in Lsb with inter filter to avoid splats, severe qrn, very poor/poor; in // radiosaovivo.net/voz-missionaria (Serra,Roma,Italy)

9675 **CHINA China Radio Int'l** in RR. SIO 444, June 10, 2019, 1431 – 1435. OM in RR monologue. Good signal. (Henley, WA)

9675 **CHINA China Radio Int'l** via Jinhua at 1535 UTC June 15 with the weekend edition of the “Today” program about education and healthcare issues in China. Abrupt off at 1557 UTC. Very Good (Delmage, AB)

9675 **CHINA China Radio Int'l** in RR. SIO 555, June 4, 2019, 1450 – 1459. MX. YL soloist. Listed target is Siberia. OM and YL hosts in RR. More ballad MX, this time with OM soloist. (Henley, WA)

9675 **CHINA China Radio Int'l** in RR. SIO 555, June 7, 2019, 1429 – 1436. CRI in RR with pop MX program. Listed target is Siberia. (Henley, WA)

9685 **ALASKA KNLS** Anchor Pt. @1050 w/rlg prom in CC w/hymn, s/off 1059, int sig @1100 into another hr in CC starting with ann by OM & pop tune. SINPO - 25322 (Figliozzi, NY)

9685 **TAIWAN Nippon no kaze** / IL bon ue baram, 64, 1500, w/ W over soft music - Very Good (in the beginning, but faded quickly with onset of morning here) (Barton-AZ)

9700 **NEW ZEALAND RNZI** in EE. SIO 555, June 16, 2019, 0506 – 0515. Excellent signal. YL announcer. News of Hong Kong crisis and supporting demonstrations in Auckland. Women's soccer team news, golf news of US Open. Signal is especially clear this evening. Program schedule announcements followed by the “short forecast” for WX. BBC WS feature “Heart and Soul” memories of Japanese tsunami. (Henley, WA)

9730 **ALASKA KNLS** religious broadcast in RR. SIO 232, June 6, 2019, 1550 – 1557. Weak signal with heavy QRN. OM announcer, Christian pop MX. OM with homily in RR. Listed target is FE. Listenable with difficulty. (Henley, WA)

9825 **UNITED STATES WHRI** religious broadcast in EE. SIO 545, June 16, 2019, 0516 – 0522. OM with sermon about religion in the old Soviet Union. Strident sermon on how to be a Christian. Good signal. (Henley, WA)

9830 **SAO TOME E PRINCIPE Deutsche Welle**, Pinheira, in listed Hausa 05.25.2019 0648-0700* some men talking till 0651, Afro chant with instrumental music, continuing talk program till 0655 (Serra, Roma, Italy)

9840 **VIETNAM Voice of Vietnam** 6/4 at 1125 woman with commentary on Regional issues. Noted audio clips. Very good signal although somewhat choppy - 44434 (Barton-AZ)

9860 **JAPAN [NON]. Radio Japan** June 14 at 0505, Radio Japan ID amid news in English, good S9+10 to S8, VATICAN relay (Hauser-OK)

9865 **INDIA All India Radio** Vividh Bharati at 1610 UTC June 6 in Hindi with tunes from Lata Mangeshkar & Hemant Kumar. I generally get Very Good reception of this broadcast almost daily and would miss it if planned AIR cuts come to fruition. (Delmage, AB)

9910 **GUAM KTWR** Agana @1108 w/YL in CC. SINPO - 25322 (Figliozzi, NY)

9955 **UNITED STATES Adventist World Radio** in EE. SIO 343, June 8, 2019, 2244 – 2253. OM with talk about various Australian ships and shortwave stations. YL joins conversation. Frequency announcements and ID by YL near top of hour. (Henley, WA)

9955 **UNITED STATES WRMI** Okeechobee, FL – 5/8 0007 noted with *AWR Wavescan*; SIO 555. (Bueneman-MO)

9965 **BRAZIL Radio Voz Missionaria** ZYE890 Camboriú, Santa Catarina – 5/12 0005 noted with a sermon in Portuguese; SIO 333. (Bueneman-MO)

11560 **INDIA All India Radio** at 1655 UTC May 19 with Russian Service playing Shankar Mahadevan from the movie soundtrack “Taare Zameen Par”. Sign off at 1715 UTC. Excellent (Delmage, AB)

11610 **UNITED STATES WEWN – EWTN**, Catholic Radio in EE. SIO 545, June 16, 2019, 0443 – 0448. OM with theological discussion of faith and predestination. Talk of Calvin’s belief compared to that of the Catholics. Some QRM from CNR, but WEWN is stronger. Long monologue. (Henley, WA)

11610 **UNITED STATES WEWN** Vandiver, AL – 5/12 0140 noted with *The Holy Rosary* in English; SIO 323. (Bueneman-MO)

11670 **CUBA Radio Habana Cuba** in SS. SIO 555, June 8, 2019, 2334 – 2342. // 11700, but poorly, SIO 333 at best. Good Latin MX, and ID. Excellent on 11670, poor on 11700. (Henley, WA)

11680 **ZAMBIA *Voice of Hope*** 0510 with 'Our Dailey Bread' psalms 103-13-22 4/17 444 (Miller-GA)

11700 **CUBA *Radio Habana Cuba*** in SS. SIO 555, June 16, 2019, 0451 – 0501. Latin MX program with OM announcer and RHC ID. Great Latin MX. Off the air at 0501. (Henley, WA)

11710 **NORTH KOREA *Voice of Korea*** in FF. SIO 434, June 10, 2019, 1435 – 1442. YL in FF talk. Some audio distortion. Full orchestral MX follows long harangue. Listed target is NAM. OM soloist in song. (Henley, WA)

11710 **KOREA (DPR) *Voice of Korea***, Kujang @1235 w/female vocal, then YL in KK followed by military band instrumental. Anthem @1248. SINPO -35333. (Figliozi, FL)

11710 **NORTH KOREA *Voice of Korea*** in FF. SIO 444, June 6, 2019, 1451 – 1459. MX, some audio distortion, sounding like a place-holder broadcast. YL announcer in FF between MX pieces. Commentary in FF at 1457. Dead air and carrier off at 1459. (Henley, WA)

11750 **SRI LANKA *SLBC*** at 1704 UTC in Sinhala June 9 with South Asian songs and talk. Poor. (Delmage, AB)

11750 **UNITED STATES *WHRI***, World Harvest Radio religious programming in EE. SIO 555, June 8, 2019, 2314 – 2334. OM firebrand preacher in EE. Dr. Lesser teacher series. MX and OM announcer asking for sponsorship. "Voice of the Martyrs" newsletter offer. "British / Israeli Organization" lecture or sermon. (Henley, WA)

11760 **CUBA *Radio Habana Cuba*** in SS. SIO 444, June 8, 2019, 2237 – 2241. OM and YL announcers with talk, news, commentary. YL has long monologue. (Henley, WA)

11775 **ANGUILLA, *Caribbean Beacon***, 2125, 6-9-19. Woman delivering religious homily. SINPO 35333 (Cichorek-NJ)

11775 **ANGUILLA *Caribbean Beacon***, 2044, 6-16-19. Man in English with slow homily. Fair. (Cichorek-NJ)

11775 **CHINA *CNR 1*** domestic broadcast in CC. SIO 544, June 8, 2019, 2225 – 2230. Mixed OM and YL announcers. Some MX. Heavy QRN, some co-channel QRM. (Henley, WA)

11780 **BRAZIL *RN da Amazona***, Brasilia, 2240, 5-24-19. Lots of talk by man and woman in Portuguese. Frequent mentions of Brasilia. Good signal but noisy. (Cichorek-NJ).

11780 **BRAZIL *Radio Nac. de Amazonia***, Brasilia hrd in PP at this unusual time 1240 w/OM & YL having a calm extended conversation. SINPO - 25322 (Figliozi, FL)

11780 **BRAZIL *Radio Amazonia*** at 2257 UTC May 13 in Portuguese. ID's and News from Radio Nacional at 2300 UTC. Very Good (Delmage, AB)

11780 **BRAZIL *Radio Nacional da Amazonia*** in PP. SIO 544, Latin MX. ID at 2234 with OM announcer. More Latin MX follows. (Henley, WA)

11785 **PHILIPPINES *Voice of America*** via Tinang in CC @1300. Lively intro w/enthusiastic OM & YL voices, then nx by OM. SINPO- 24332 (QRM throughout band from WEWN spurs on nominal 12050.) (Figliozi, FL)

11795 **SINGAPORE *BBC*** relay in Hindi. SIO 444, June 10, 2019, 1414 – 1422. OM host in discussion / interview with OM guest. Good signal, listed target is South Asia. A long discussion with YL commentator joining later around 1418. Talk with YL host and multiple OMs. Minor QRN. (Henley, WA)

11810 **UNITED KINGDOM *BBC WS*** Woofferton w/EE to W AF. SINPO - 45333. (// 12095, 9410 unheard, 7310 wk noisy sig) (Figliozi, NY)

11810 **UNITED KINGDOM *BBCWS*** 10/8, at 2000, w/ news headlines read by woman. Noted that today seems to have more windows to Europe than usual for me - 32222 (Barton-AZ)

11815 **JAPAN *NHK Radio Japan*** in JJ. SIO 555, June 11, 2019, 1428 – 1432. YL announcer. MX clips. Excellent signal. Listed target is SEA. OM and YL discussion / interview follows. (Henley, WA)

11815 **JAPAN *NHK World Radio*** Japan, Yamato hrd weakly in JJ w/deep fades @1310. SINPO - 24322. (Figliozi, FL)

11815 **JAPAN *NHK Radio Japan*** in JJ. SIO 555, June 4, 2019, 1441 – 1447. Excellent signal. Two or three OMs in conversation / interview. Shallow QSB. (Henley, WA)

11815 **JAPAN *NHK Radio Japan*** in JJ. SIO 544, June 6, 2019, 1444 – 1451. Good signal with moderate QRN / QSB. OM and YL in talk, humorous discussion / commentary. (Henley, WA)

11820 **SAUDI ARABIA *BSKSA***, 2112, 6-9-19. Man in Arabic with slow, solemn talk then holy Quran. SINPO35333 (Cichorek-NJ)

11825 **AF *Pathways Radio*** 0446 with tlk on Free Bible Courser, freq and mx 'Don't' Worry be Happy. 4/17 333 (Miller-GA)

11930 **UNITED STATES *Radio Marti*** in SS. SIO 555, June 8, 2019, 2220 – 2225. OM with long monologue / commentary in SS. (Henley, WA)

11975 **ROMANIA *Radio Romania Int'l*** 10/9, at 1900 hours opening. Woman, and later, man in Romanian - (Barton-AZ)

11985 **GUAM *Radio Free Asia*** at 1648 UTC June 9 in Korean with several John Denver tunes. English ID at 1700 UTC then continuation of Korean transmission. Very Good // 9850 kHz that left the air at 1700 UTC Fair. (Delmage, AB)

11995 **FRANCE** *Radio France Int'l* 10/9, 1845, with long talk by woman in French. Closed Suddenly at 1900 - SINPO 23222 (Barton-AZ)

12000 **CUBA** *Radio Havana Cuba* via Havana – 5/18 0038 second harmonic of 6000 kHz. Noted with commentary in Spanish; SIO 323. (Bueneman-SPDX)

12015 **UNITED KINGDOM** *BBC WS* via Woofferton at 0620 UTC June 16 with sports news including an interview with Canadian female football star Christie Sinclair. Very Good (Delmage, AB)

12019 **VIETNAM** *Voice of Vietnam* in JJ. SIO 242, June 11, 2019, 1422 – 1427. MX, YL and OM announcers in JJ. Weak, but listenable signal from Hanoi. Off air at 1427. (Henley, WA)

12035 **THAILAND** *Voice of America* Deewa Radio in Pashto. SIO 232 June 4, 2019, 1436 – 1440. Multiple OMs debating or arguing in Pashto. Weak, noisy signal. Listenable, but not easily. Steep QSB. (Henley, WA)

12045 **THAILAND** *Voice of America* relay via Udon Thani in KK. SIO 544, June 10, 2019, 1443 – 1500. YLs in talk / commentary. Mention of Trump and tariff gambit. Talk of the crisis in Hong Kong, and the mainland crack-down. Listed target is FE. MX clips between program segments. Sign-off in EE at 1500. (Henley, WA)

12045 **THAILAND** *Voice of America* from Udon Thani in KK. SIO 555, June 4, 2019, 1425 – 1430. // 12080. Same programming, but different transmitter site. Excellent signal. (Henley, WA)

12045 **THAILAND** *Voice of America* from Udon Thani in KK. SIO 555, June 6, 2019, 1438 – 1443. Same programming as in // 12080 from Tinang. YL announcer after 1438. Two YLs in KK conversation. Animated discussion, easy listening, excellent clear signal. (Henley, WA)

12045 **THAILAND** *Voice of America* relay in KK from Udon Thani. SIO 544. June 7, 2019, 1450 – 1500. YL announcer, background MX. Listed target is FE. ID and contact information given by OM in KK. Long monologue by OM. VOA ID again by YL. VOA theme MX. ID and announcements by OM in EE at sign-off with “Yankee Doodle.” Carrier off at 1500. (Henley, WA)

12050 **UNITED STATES** *WEWN – EWTN* Catholic radio, Vandiver, AL in SS. SIO 433, June 8, 2019, 2214 – 2219. Heavy QRN, shallow QSB. Some audio distortion. OMs and YLs in conversation / humor. Much laughter. Multiple OMs and YLs speaking in SS. (Henley, WA)

12080 **PHILIPPINES** *Voice of America* from Tinang in KK. SIO 555, June 4, 2019, 1423 – 1430. Excellent signal. OM in KK commentary. YL after. //12045. (Henley, WA)

12080 **PHILIPPINES** *Voice of America* in KK from Tinang. SIO 555, June 6, 2019, 1432 – 1438. Excellent signal. OM announcer with commentary in KK. Listed target is FE. ID and contact information given in KK. Voice of America jingle in EE. (Henley, WA)

12923 **KOREA SOUTH *Seoul Radio*** 12923-CW, June 18 at 1346, a rare CQ marker: CQ CQ CQ DE HLW2 HLW2 HLW2 QSX 12 MHZ K. That's Seoul Radio as in EiBi, but call shown as in numeric HLW only (Hauser-OK)

13605 **UNITED STATES *Radio Marti*** in SS. SIO 232, June 6, 2019, 1428 – 1432. OM announcer with talk and commentary. Weak signal with moderate QRN. From Greenville, NC. Latin MX clips. ID in SS. (Henley, WA)

13650 **CUBA *China Radio Int'l*** relay Quivicán – 5/17 2341 noted with discussion in Portuguese; SIO 444. (Bueneman-SPDX)

13650 **CHINA *China Radio Int'l*** in PP. SIO 444, June 8, 2019, 2306 – 2312. OM announcer. Pop MX ballads in CC. Listed target is SAM. Moderate QRN, shallow QSB. OM announcer in PP between more pop MX ballads. (Henley, WA)

13670 **UNITED STATES *Voice of America*** Greenville NC w/ lively program in Bambara to W Af. SINPO - 55555 //15120. (Figliozi, NY)

13700 **UNITED STATES *World Harvest Radio***, 2114, 6-16-19. Woman in English delivering a homily with mentions of John the Baptist and universal love. Poor (Cichorek-NJ)

13700 **CUBA *Radio Habana Cuba*** in SS. SIO 443, June 6, 2019, 1430 – 1435. RHC Latin MX program. Steep QSB to JBA. OM announcer with ID and MX titles. No QRN. (Henley, WA)

13700 **CUBA *Radio Habana CUBA*** in SS. SIO 444, June 6, 2019, 1419 – 1427. RHC with Latin MX program. Good signal, some light flutter QSB. OM announcer. (Henley, WA)

13739 **CUBA *Radio Habana Cuba***. 13739.240, June 14 at 1301, RHC self-knocked way off-frequency again today after quite a normal spell on 13740.00, while // 13700 remains .00. Something or other is always wrong at RHC (Hauser-OK)

13760 **NORTH KOREA *Voice of Korea*** in EE. SIO 434, June 16, 2019, 0410 – 0413. OM commentator with various items. Listed target is SAM. Increasing QRN, but listenable without any problem despite the QRN. (Henley, WA)

13810 **CHINA *CNR 1*** domestic broadcast in CC. SIO 444, June 10, 2019, 1512 – 1521. OMs in CC discussion. Commentary on world news. Shallow QSB, minor QRN. MX clips between news items. Advertisements and strident YL announcer. Return to OMs in conversation. (Henley, WA)

13810 **CHINA *CNR 1*** domestic broadcast in CC. SIO 544, June 6, 2019, 1527 – 1534. This signal is probably intended to jam RFA on the same frequency. Multiple OMs in talk / discussion. Slight QRN / QSB. I cannot hear RFA under this signal at this location. Advertisements. Listed language is Mandarin. Time pips at bottom of hour. Some news items after time pips. (Henley, WA)

13840 **NEW ZEALAND RNZI** in EE. SIO 545, June 16, 2019, 0400 – 0410. News and WX report. YL main host with occasional OM. Program from BBC WS about Iraqi boy damaged by the war there, a radio essay with OM commentary. (Henley, WA)

13840 **NEW ZEALAND Radio New Zealand Pacific** – 5/17 2344 noted with pop music and talk on Australian politics in English; SIO 434. (Bueneman-SPDX)

13845 **UNITED STATES OF AMERICA University Network** via WWCR Nashville, TN – 5/17 2348 noted with tape of a sermon by Dr. Gene Scott; SIO 333, some ACI from RNZ on 13840 kHz. (Bueneman-SPDX)

13845 **UNITED STATES WWCR** religious broadcast from Nashville, TN in EE. SIO 555, June 8, 2019, 2204 – 2212. Dr. Gene Scott program. YL preacher on concept of “tithe,” telling audience that all should tithe, quoting the Apostle Paul. (Henley, WA)

15110 **CHINA CNR 1** Domestic programming in CC. SIO 555, June 3, 2019, 1441 – 1500. Two OMs in talk / interview. Excellent clear signal. Long conversation, various announcements, OM and YL with news and commentary at 1450. Signal declining somewhat after 1455. Back to OM with long monologue. Time pips at top of hour, off air at 1500. (Henley, WA)

15120 **CUBA China Radio Int'l** relay Quivicán – 5/18 0042 noted with light vocal music and CRI promos in Spanish; SIO 555. (Bueneman-SPDX)

15160 **CHINA China Radio Int'l** in CC. SIO 444, June 16, 2019, 0437 – 0441. TL announcer with talk and background MX. Listed language is Cantonese. Listed target is FE, Lively MX, show tunes. OM soloist with chorus backup. (Henley, WA)

15180 **KOREA (DPR) V of Korea** in FF @1134 w/some lighter mx than I’m used to hearing from there. SINPO - 35433 (Figliozi, NY)

15180 **KOREA (DPR) VOICE OF KOREA** Kujang @1114 w/YL in FF, then organ and therein mx w/YL vocal. SINPO - 43433. (Strong het in there, source unknown) (Figliozi, NY)

15190 **PHILIPPINES Radyo Pilipinas** at 1729 UTC June 9 with test tone to 1730 UTC with National Anthem and sign on of Filipino language broadcast. Fair (Delmage, AB)

15275 **TAJIKISTAN Radio Free Asia** via Dushanbe @1302 w/OM/YL in Tibetan with mx bridges. //15470 also via Dushanbe. SINPO - 35443 (Figliozi, NY)

15330 **PHILIPPINES FEBC** Bocaue v’y wk w/hymns & OM in listed Mon lang. @1119. SINPO - 25332. (Figliozi, NY)

15370 **CUBA Radio Habana Cuba** in SS. SIO 555, June 8, 2019, 2150 – 2202. YL announcer with talk and Latin MX. OM with long monologue. Slight QRN, Latin MX continues after 2200. (Henley, WA)

15400 **ASCENSION ISLAND BBC WS** at 1720 UTC June 2nd with talk about Toronto Raptors and Drake...what else is new, also more sports. Good // 17830 kHz fair. (Delmage, AB)

15475 **CHINA CNR 1** in CC. SIO 333, June 6, 2019, 1539 – 1548. MX. YL announcer with talk / interview with OM. MX in EE. Domestic broadcast. Same programming as at //13810. (Henley, WA)

15539 **KUWAIT Radio Kuwait** at 2043 UTC June 15 in AM Mode with English pop songs “You’re In Love with a Psycho” by Kasabian and “Don’t Leave” by Snakehips & M0. Time pips at 2100 UTC then into Arabic program // 17550.07 kHz. Weak in static with 17 MHz Fair. Noted back in DRM mode at check 1930 UTC June 16. (Delmage, AB)

15575 **KOREA(Rep.) KBS World Radio**, Gimje in KK @ 1435 w/2 OM in lengthy conversation. SINPO - 25333 (Figliozi, NY)

15610 **UNITED STATES WEWN – EWTN** Catholic Radio in EE. SIO 444, June 8, 2019, 2141 – 2150. OM with ID and solicitation for funds. Listed target is Africa. Talk of the age limits for entering a religious order. Forty is the age limit for the Capuchins sponsoring the talk. OM priest is carrying the discussion for the Franciscan Capuchins, in the program “Vocation Room Radio.” (Henley, WA)

17550 **KUWAIT Radio Kuwait** @2137 w/OM DJ in AA & ME pops. SINPO - 35233 (Figliozi, NY)

17550 **KUWAIT Radio Kuwait**, June 12 at 2058, Radio Kuwait, music, best heard yet achieving S5, fading to S2. We should log this every day while we can at midsummer, since the other 10-11 months will be totally inaudible, hi (Hauser-OK)

17710 **CHINA China Radio Int’l** in CC. SIO 444, June 16, 2019, 0416 – 0420. OM speaker with CC talk. Listed language is Hakka. MX clips between items. (Henley, WA)

17810 **JAPAN NHK Radio Japan** in JJ. SIO 444, June 16, 2019, 0420 – 0427. Radio drama with mixed OM and YL performers. Dramatic speech. Increasing QRN. Listed target is SEA. Drama ends with MX theme and YL soloist. (Henley, WA)

25000 **UNITED STATES WWV** testing this frequency that was coming in very well at 0555 UTC June 16. Also noted from 0605 to 0610 UTC 60 Khz WWVB fair; 2.5 MHz WWVH fair and WWV Fair plus, 5 MHz WWVH and WWV both Very Good, 10 MHz WWVH Excellent WWV Good, 15 MHz WWVH and WWV both Very Good and 20 MHz WWV Very Good. So I logged all NBST frequencies at the same time and day....a first for me. (Delmage, AB)



On the Short Waves

by Jerry Berg


<www.ontheshortwaves.com> **Update, May 26, 2019** — This time, under “DX History/Lists, Logs, Guides & Columns,” we have posted the April 1941 “Silvertone Radio Time Table and Log” from the Silvertone-brand parent company, Sears Roebuck. It includes both world shortwave and North American mediumwave listings, plus “Notes on Successful Short Wave Tuning.” — In addition, under “Specialized Resources/The DX Recordings of Colin Miller,” you will find two new Nigerian recordings: (1) FRCN, Kaduna, 6175 kHz, Aug 1979, 0430 s-on, and (2) Plateau Broadcasting Corp., Jos, 5965 kHz, Aug 1979, 0430 UTC s-on. — And under “Specialized Recordings/Wavescan,” there are these six new entries from Adrian Peterson: (1) “Anniversary of the Sinking of the Titanic: The Wanamaker Radio Stations-2 [WHI, WWZ]” (Wavescan N530, April 21, 2019). - (2) “The Radio Scene on Disputed Diego Garcia-2 (and Nearby Boddam Island)” (Wavescan N531, April 28, 2019). - (3) “The Island of 500 Shipwrecks: The Radio Scene on Sable Island [Canada]” (Wavescan N532, May 5, 2019). - (4) “The Shortwave Station in England that Refused to Die: The Woofferton Story-1” (Wavescan N533, May 12, 2019). - (5) “Unusual Amateur Callsigns” (Wavescan N533, May 12, 2019). - (6) “The Titanic Story: The Carpathia to the Rescue” (Wavescan N534, May 19, 2019). Thanks, Colin and Adrian.

<www.ontheshortwaves.com> **Update, June 2, 2019** — About 25 years ago, a postcard turned up depicting the “Government Wireless Station” in Stanley, the Falkland Islands. Seeking more information, we sent it down to the Falkland Islands Broadcasting Station to see if they could provide some more specific information. Under “DX History/Stations,” we have posted the card and the FIBS reply, together with two sets of Falkland Islands “radio communications” postage stamps, one of which is on a 1962 Falklands first day cover. The first North American logging of FIBS shortwave, then on 3958 kc., was in July 1958, and was accomplished by ace DXer John Beaver of Canon City, Colorado. Loggings by others, including Don Jensen, followed, but the whole affair was deemed “impossible” by some die hards. It played out in the pages of the NNRC Bulletin from August 1958 to February 1961, and you can read it all (and see DNJ’s Falklands QSL) here. — And Adrian Peterson has supplied this new entry under “Specialized Resources/Wavescan”: “The Shortwave Station in England that Refused to Die: The Woofferton Story - 2” (Wavescan N535, May 26, 2019)


<www.ontheshortwaves.com> **Update, June 9, 2019** — Under “DX History/Philately,” we have posted two postal covers from England featuring Trevor Baylis, inventor of the BayGen Freeplay wind-up radio. One, dated 1999, features a picture of Baylis with a couple of his radios, and his signature. The other is a “commemorative coin” cover, issued and postmarked in 2001 on the centenary of Marconi’s historic transatlantic transmission. The Marconi story is told on the back. The cover also bears Canadian postage and postmark, plus a two pound British coin, and Baylis’s signature, and an insert about him. On the Freeplay, here is a sum-

mary of the receiver from the 1997 Passport to World Band Radio (reproduced with permission). < <http://www.ontheshortwaves.com/Philately/1997-PWBR-pp-106-107.pdf>> For Larry Magne's full review of the receiver, see the October 1996 issue of Monitoring Times (pg. 94) at AmericanRadioHistory.com < <https://www.americanradiohistory.com/Monitoring-Times.htm>> And for still more, search for "BayGen" in the Media Network Vintage Vault < <http://jonathanmarks.libsyn.com/webpage/category/Media%20Network%20Archives>>

<www.ontheshortwaves.com> **Update, June 16, 2019** — Colin Miller in Ontario has sent us another piece of South African broadcasting history, a booklet, "Broadcasting Centre-Johannesburg," which was published circa 1980. It is posted in "DX History/Stations," along with a set of SENTECH QSLs, which were issued some 15 years later for various broadcasts from Meyerton.

<www.ontheshortwaves.com> **Update, June 23, 2019** — It's back to Iowa this time (also Idaho), with some "new" postcards under "Specialized Resources/Radio Postcards." First we have posted a file containing postcard views of these Iowa stations: (1) ABC affiliate KBUR in Burlington; (2) & (3) two postcards from KICD, Spencer, the second one displaying four inset views of the station in different years; (4) KTNT, Muscatine, postmarked in 1929; (5) WAAC, located in Hotel Savrey, Des Moines; (6) the tall, on-the-roof towers of WHO, Des Moines; and (7) WMT, Montrose Hotel, Cedar Rapids. Second, there is a file with two "invitation to listen" postcards, one from KRNT, Des Moines, inviting listeners to tune in to the "America's Town Meeting of the Air" program in 1945, the other from KXEL, Waterloo and Cedar Rapids, inviting listeners to tune in to the "Victory Hour." Third, there is a file with two postcard views of KFXD, Nampa, Idaho. And finally, there is a photo of the KFXD transmitter site, with a postcard view inset. 

NASWA Facebook Page

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

New Address

Please note that NASWA has a new address:

P.O. Box 3292, Allentown, PA 18106

E-mail can be sent to hq@naswa.net. The 45 Wildflower Road address is now closed.

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