

The **NASA** Journal

VOLUME LIX NUMBER 11

NOVEMBER 2019

RADIO KOREA
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SEOUL 150, KOREA
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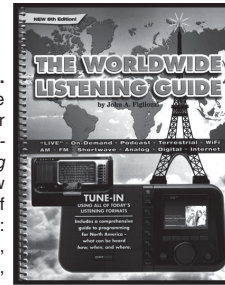


WORLDWIDE LISTENING GUIDE

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Modeled on the author's popular *Worldwide Shortwave Listening Guide*, this new book covers all of today's formats: live on-demand, podcast, satellite, Internet, digital, analog, AM, FM, shortwave and wi-fi. Learn what can be heard how, where and when! Spiral bound 8th Ed. 192 p. ©2017. List \$29.95.

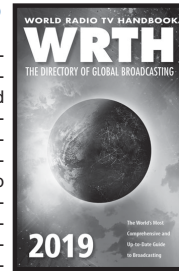
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2019 WORLD RADIO TV HANDBOOK

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.

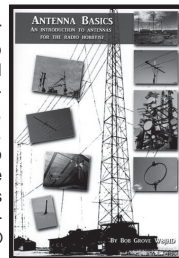
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ANTENNA BASICS

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.

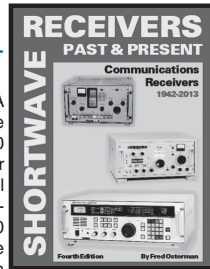
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SHORTWAVE RECEIVERS PAST & PRESENT 1942-2013

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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NASA Notes

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

As our usual monthly deadline approaches I will be in Morocco as part of a three country vacation which also saw a visit to Portugal and Spain. Consequently, this column and Listeners Notebook were closed earlier than usual because of my travel plans. Life should return to normal again next month.

The 71st Annual General Meeting of the New Zealand Radio DX League will take place on Sunday 3rd November 2019 at Arthur and Dorothy De Maine's home, Villa 9, 25 Charlesworth Drive (Lochlea Lifestyle Resort), Allenton, Ashburton commencing at 2.00pm local time. Club members wishing to attend the AGM will have to Park in the Lodge car park or outside the entrance to Lochlea Lifestyle Resort, please. Afternoon tea will be served after the meeting and it would be helpful for catering purposes to know who is likely to attend, e-mail Arthur, abd.kakanui@gmail.com or phone (03) 9288845. Attendance by Skype is available for club members by advising Arthur. Interesting concept making club meetings available via Skype.

This month cover features KBS World Radio as it is known as today. John Herkimer takes us to South Korea where shortwave broadcasting has been a main stay for many years. This month's cover features not only a fairly current QSL design but a pennant, several stickers, some postage stamps and an envelop from this Asia shortwave powerhouse. Romania where Radio Romania International has been broadcasting to the world on shortwave. Recently, word has been received that the Radio Romania International has been threaten once again with closure (see this

month's Listeners Notebook for the latest news about that situation). Similar to other major broadcasters, KBS World Radio's schedule appears periodically in the pages of our monthly Listeners Notebook column.

The next edition of the World Radio TV Handbook should be available shortly through Universal Radio in Worthington, Ohio. In this 74th edition for the year 2020, WRTH Publications Limited have again devoted their resources to the all-important task of obtaining and providing the most up-to-date information on medium-wave, shortwave and FM broadcasts and broadcasters available in any publication. The book will have 672 pages, including 64 pages in full color. I haven't seen the projected price for the 2020 WRTH but the 2019 WRTH listed for around \$50.00.

Klingenfuss Publications will be offering two new products for 2020: (1) Latest frequency data for worldwide Kiwi-SDR and (2) Web-SDR radio monitoring! He is also working on his other new products including the 2020 Shortwave Frequency Guide, the 2020 Super Frequency List on CD, the 2020 Frequency Database for the Perseus LF-HF Software-Defined Receiver and the Supplement January 2020 to the 2019/2020 Guide to Utility Radio Stations. All these items are expected to be published on 10 December 2019. The 2020 Shortwave Frequency Guide will be the 24th edition of this useful publication, and it, once more, offer extremely comprehensive frequency lists of both professional HF utility and broadcast radio stations on a global scale, including indispensable information, such as mode, the location target area(s),

Unity and Friendship

transmission times, language information, and much more besides. Full information is available at the Klingenfuss Publications – www.klingenfuss.org.

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 October 23, 2019.

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

We have been dealing with windy weather and deliberate power shut-offs to protect the power company from liability. One lasted two and a half days. Just now power came back on so I can finish Musings by deadline. These power outages have added to the residual PTSD of us fire-survivors.

Please contribute to Musings.

73, Jerry Alice

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

I decided to do two DXpeditions in the month of September. On the evening of September 6 (local time), I took the radios out in the field to my fourth DXpedition; once again, I went to Marais Temps Clair Conservation Area in the agricultural community of Black Walnut, MO, halfway between Saint Charles and West Alton. This was where I went on my second DXpedition in December 2018. This time, skies were partly cloudy with temperatures in the low 80s Fahrenheit and low humidity. Again, I took the Tecsun PL-600, with the 30-foot portable longwire I broke in at Sioux Passage in May 2019. The antenna was set up as a vertical, leaned up against a post on one of the bulletin boards. This time, I set up in a gravel parking lot on the other side of Island Road, not in the office parking lot where I had the December DXpedition. I shared the parking lot with five hunters. I turned on the radio at 2355 UTC to hear Radio New Zealand Pacific on 13840 kHz with a discussion leading into time pips at midnight UTC into news with a good to fair signal. The big surprise was Iran's Pars Today from the Sirjah transmitter facility on 11660 kHz at 0003 UTC with news and analysis in Spanish, noting a fair to poor signal. Radio Nacional da Amazonia from Brasilia, Brazil on 11780 kHz with news analysis in Portuguese at 0009 UTC with a good signal. Radio Educación from Mexico City noted on 6185 kHz at 0045 UTC with Mariachi music, ID and announcements in Spanish, noting a fair to poor signal. Radio Progreso from Cuba was noted on 4765 kHz at 0054 UTC with Salsa music, ID and announcements in Spanish, noting a fair to poor signal. Radio Rebelde from Cuba was noted on 5025 kHz at 0108 UTC with a long speech in Spanish with a fair signal. WTWW was noted on 5085 kHz with an Oldies show, a DJ describing the previous selections played before talking about Bo Diddley in English; a

good signal was noted. Also taking the General Electric Superadio III for MW (AM) broadcast band DXing, the mediumwave dial was peppered with high school football games from throughout the Midwest. I did note some international DX on the MW (AM) BCB: Trans World Radio Bonaire on 800 kHz and Radio Reloj from Cuba on 950 kHz. Two of the hunters asked me about the hobby; I demonstrated shortwave DX to one of them. I ended my monitoring around 0145 UTC. Conditions on the shortwave bands favored Europe, the Middle East and the Americas. All that DX was worth getting eaten by mosquitoes, hi!

On the evening of September 14 (local time), I went on my fifth DXpedition; the second to Sioux Passage County Park near Florissant, MO. Unlike with the May DXpedition, I was able to set up at the northernmost end of the park, roughly 100 yards from the southern bank of the Missouri River. The boat launch ramp hadn't yet been cleared of the debris from the flooding that shut down the northern end of the park in the spring. Once again, temperatures were in the low 80s Fahrenheit with low humidity, a breeze from the river and partly cloudy skies. The portable longwire was horizontally polarized this time, stretched from a wood pile supporting the mast to the minivan where I set up my listening post. I started monitoring at 2320 UTC; I noted WEWN on 12050 kHz with an interview in Spanish at 2322, noting a good signal. Time and frequency station CHU noted on 3330 kHz at 2331 UTC with time signals, IDs in French on odd numbered minutes and in English on even-numbered minutes and UTC time checks in English and French; a fair signal was noted. WRMI was noted at 2333 UTC on 5010 kHz with talk in Spanish against the Cuban government, noting a fair to poor signal. WWRB was noted at 2335 UTC on 5050 kHz with a church service recorded off a low-quality phone line with a good signal. Wolverine Radio was noted on 6935 kHz USB at 2352 UTC with ID in English and a 1920s Jazz selection as the first Pirate I've noted on a DXpedition. I noted a good signal from the Wolverine. Radio Havana Cuba noted on 7380 kHz via La Habana at 2355 UTC with talk in Portuguese and instrumental music. I noted a good signal until WHRI turned on their transmitter on 7385 kHz at 2358. WHRI was noted at Midnight UTC on 7385 kHz with a sign-on announcement into a Christian teaching program in English, blasting in like a local MW (AM) station. Radio Romania International was noted on 7420 kHz at 0006 UTC via the Galbeni site with pop music in English and an ID in Spanish; Romanian is scheduled at this hour. A good signal was noted on this one. The Overcomer Ministry was noted via WRMI on 7570 kHz at 0011 UTC with Brother Stair railing against the United States government, noting a good to fair signal. Radio Voz Missionária from Camboriú, Brazil noted at 0020 UTC on 9665 kHz with a sermon in Portuguese, noting a good to fair signal. Radio Clube do Pará from Belém, Brazil noted at 0022 UTC on 4885 kHz with talk and pop music in Portuguese, noting a poor signal. Radio Romania International via the Tiganesti site noted at 0027 UTC on 6040 kHz with talk on Romanian art in English, noting a good signal. I wrapped up my listening around 0030 UTC, as the park closed around 0045 UTC. Shortwave conditions favored Europe and the Americas during this DXpedition.

I plan to check out another area on my next DXpedition. I've found three excellent locations to DX in the field within 20 miles of my shack in Saint Louis and Saint Charles counties. 73 and good DX from the Florissant Valley Dial Twister.

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



Publisher's Corner

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

Thanks for your patience

As many of you heard, I've been through a nasty one-two punch of an extremely busy work schedule in June and July, which put us behind in membership management and related tasks. Then, I suffered a fractured ankle in an accident at a friend's home, and that obviously slowed things down. Thankfully the worst is behind me and you should be seeing the September *Journal* much closer to its normal arrival time. I'm also nearly caught up in getting membership renewal checks deposited in our bank account.

I sent out the PDF version of the August *Journal* to every member for whom I have an e-mail address, and that arrived roughly 9 days sooner than the postal version.

As a reminder, 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. The feedback I've received is that the *Journal* looks good on electronic devices such as the Amazon Fire device – which can be had for \$50 or less (on sale), as well as on a personal computer.

If you want to switch over to the *e-Journal* and no longer receive the paper version, let me know that as well. We'll adjust your membership expiration month on a pro-rated basis given the reduced cost for the *e-Journal*: \$15 / year vs. \$32 / year.

Time for those end-of-summer antenna projects

With the weather cooling down for many, you might be thinking about tweaking your antenna setup or doing other maintenance to get ready for the coming DX season. If you have done any antenna projects and found them to be helpful to your listening environment, let your fellow members know! A quick note to Jerry Alice Lineback as a musing would be one way to pass along info that others might be helpful. Or, if your effort is more exhaustive with some A/B performance comparisons or other insights, consider sending something into John Figliozzi for the Shortwave Center.

Keep those logs coming in

A regular cadence of listening logs is a significant part of club input – if you haven't sent any logs in recently, please consider doing so the next time you switch on the radio. It doesn't need to be a difficult DX catch, even something that is rocking-chair quality is worth noting for fellow club members.

Logs can be especially helpful when stations change their broadcast schedules. WBCQ, for one, has recently started up a new transmitter and antenna; the BBC World Service, for another, has recently added to its broadcasts targeting South Asia, specifically in response to developments in the Kashmir regional dispute between India and Pakistan. If you hear a new frequency, or a new time of day for a program, that's especially worth noting.

Logs can be shared multiple ways: First, they can be posted to the NASWA e-group, now hosted at <http://groups.io>; secondly, you can send them to Mark Taylor and Rich D'Angelo for inclusion in the weekly FLASHSHEET, third, there's the old school way of sending them into Dave Turnick for the monthly *Journal*.

Let us know, as well, if your equipment has changed – do you have a new receiver? A new antenna? Send that info with your log, so we can then update the Contributor's Page.

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 November.

I am writing this whilst “on the road” on holiday in Portugal (30 September to 23 October), so there is only a short report from me this month concentrating mostly (for a change) on FM.

However, just prior to going on holiday to Portugal recently, on Sunday 29 September, I was able to listen to a little shortwave.

For example, I was able to enjoy **All India Radio's Urdu service** which had good reception with an enjoyable selection of Indian songs from 1700UT on 6140kHz. This service has been providing excellent reception through to 1930UT most days, this day included. Along with the Indian hit songs (and possibly film songs) were a few Indian classical vocal songs, which I enjoy rather less, but the broadcast continued later with more of the hit songs until the 1930 sign off.

Meanwhile, **Radio Romania International's Serbian service** was being aired from 1730-1800UT and providing good reception. RRI always manages to promote their traditional/folk music throughout all of their language services. This time, after a 5-minute news broadcast, the remaining 20 minutes

or so consisted entirely of the Romanian traditional music that never fails to appeal.

Whilst on holiday, I did attempt some short-wave listening from my hotel rooms using an XHDATA D808 with 7 metre reel antenna, but reception was largely disappointing. Best reception was in Elvas on 13 October, where I was able to throw the antenna reel fully out of the window (although the un-noticed rose bushes resulted in some difficulties for subsequent retrieval). I enjoyed some rather nice traditional Chinese music from **China Radio International's Polish service** (2000-2100UT 7305kHz) and **Serbian service** (2000-2030UT 7325kHz). Also heard with good reception was some blues/jazz music from **Radio France International's French service** to Africa on 7205kHz.



The local FM radio scene in Portugal is fairly unremarkable, mostly dominated by radio stations playing English or Portuguese pop music, but never-the-less a very active FM scene. For example, in Lisbon, I counted over 40 frequencies in use (which is not unexpected in the capital city), whilst in the town of Batalha, I counted 16 frequencies in

use, 20 frequencies in use in Evora, 30 in Vi-seu and 23 in Faro. The national broadcaster, RDP with **Antena 1, 2 and 3** was heard in all locations visited, with **Antena 2** particularly noteworthy with its fine selection of classical music – including an enjoyable (recorded) live concert.



Also heard here in Portugal was **RDP Africa** (in Coimbra on 103.4 MHz, in Faro on 99.1MHz and in Lisbon on 101.5 MHz).

From Wikipedia:

“RDP África is a terrestrial radio station owned by Rádio e Televisão de Portugal broadcasting to Lusophone African countries with programming such as Lusophone African music, as well as Portuguese music and Brazilian music, with update reports from the Lusophone African recording world. [...] RDP África was introduced to Lusophone Africa when RDP Internacional stopped its broadcast on 6 January 1998 and launched RDP África the next day.”

Sport (football) featured when I tuned-in in Faro, but in Coimbra and Lisbon the programming featured Portuguese pop music whilst relaying Antena 1.

A notable exception to the routine programming was Radio Sim, heard in several towns and cities during my stay here. Daily in the evenings from 10pm local time (2100UT during summer) there is a program of fado music **Casa des Fados** (or **The House of Fado**).

From Wikipedia:

“ ... fado is commonly regarded as simply

a form of song which can be about anything, but must follow a certain traditional structure. In popular belief, fado is a form of music characterized by mournful tunes and lyrics, often about the sea or the life of the poor, and infused with a sentiment of resignation, fatefulness and melancholia.”

I actually quite enjoyed listening to this program, which included studio guests (most likely fado performers), and whilst the tunes were not lively numbers, I didn't really find them very “mournful” as such (slow and gentle may be a better description), however I have no comment on the lyrics, which may have been.



Whilst in Coimbra and Faro, I listened for a while to their respective University radio stations – **RUC (Rádio Universidade de Coimbra)** on 107.9MHz and **RUA (Rádio Universitária do Algarve)** on 102.7MHz. Amongst several talk programs on both stations, RUC had an unusual program of radiophonic sounds (or “experimental” music, whilst RUA was featuring a lot of African music amongst the general pop and rock music.



Finally of note was a station heard in Faro, but actually broadcasting from nearby Monchique, was **Radio Foia** on 97.1MHz with a

fine selection of Tango, Folk music and fado music.

Incidentally, whilst in Elvas (on the eastern side of central Portugal, bordering Spain) a number of Spanish FM stations were easily heard, although I seem to have forgotten to make note of these.



That's all for this month. Until next time, good SWL - Alan

International Broadcasting

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

Awaiting Facebook's thumb up or thumb down

I am not a Facebook user, but I know that for many millions of people throughout the world, Facebook is the entirety of their internet experience. And, therefore, many millions get their news by way of Facebook. Facebook has accordingly become an important conduit for international broadcasters.

At a press conference on October 21, Facebook CEO Mark Zuckerberg announced measures his company will take to ensure security in the 2020 election. One of these is to identify media that are "state controlled": "So we're defining state-controlled media as any media entity that is under the editorial control of a state. In determining editorial control, we look to a range of factors, including but not limited to the funding, the structure of the organization or open-source reporting of it. And importantly, we're distinguishing this from public media entities, which is any media entity that is publicly [sic, as transcribed] financed, retains a public service mission, and can demonstrate its independent editorial control."

Vice News noted: "How the company defines propaganda could rankle organizations like RT, which boasts 1.1 million followers on its U.S.-focused page. A Facebook spokesperson said Monday that he 'can't speak to every publisher that we are going to label' when VICE News inquired about RT, but the outlet has been on the receiving end of Facebook policy enforcement in the past." (bit.ly/2MNnEiI)

Facebook's eventual judgment may also rankle Voice of America, RFE/RL, and other entities under the US Agency for Global Media. Will they be listed as "state controlled" or "publicly funded but editorially independent"? The USAGM entities were able to make a good argument for independence under the International Broadcasting Act of 1994, which brought them under the newly formed bipartisan Broadcasting Board of Governors. The BBG, in turn, appointed the directors and presidents of VOA, RFE/RL and the other entities.

That system was dissolved by language deep inside the Defense Authorization Act for fiscal year 2017. The BBG has been relegated to an advisory role. The CEO of the US Agency for Global Media – the new name for the BBG

– will be nominated by the President with the consent of the Senate. The first such nominee, Michael Pack, is yet to be approved by the Senate. When USAGM finally does have a CEO, that person presumably will be able to hire and fire the entity heads. This will make it much more difficult for USAGM to “demonstrate its independent editorial control.”

YouTube has already dealt with the dicey issue of public versus state controlled media. Look at YouTube videos by international broadcasting organizations. Listed as “public broadcast service” are BBC, France 24, DW, CBC, ABC (Australia), PBS and NPR. Listed as “funded in whole or in part by the xyz government” are VOA, RFE/RL, Radio Free Asia, RT, Sputnik, CGTN and teleSUR. The USAGM entities are not in good company.

RFA Uighur “pulls no punches”

News accounts of China’s treatment of its Muslim population in the Xinjiang region often cite Radio Free Asia, which has one of the few international broadcasting services in the Uighur (often spelled Uyghur) language. In its October 24 issue, *The Economist* discusses the impact of RFE Uighur and ramifications for its journalists and their relatives in China ...

“Few exiles have felt intimidation more acutely than the 12 Uighurs in America who produce RFA’s Uighur-language news. That is because the station is the only one outside China that broadcasts in this Turkic tongue, and it pulls no punches.” (After I quoted this sentence in a tweet, Sergei Sosedkin pointed out that TRT’s Voice of Turkey also has short-wave broadcasts in Uighur.)

The *Economist* piece continues: “RFA reports relentlessly on Xinjiang’s human-rights horrors. Uighur staff say their relatives have

been interrogated or detained just for having a family member who works for RFA. At least six of them have a combined total of more than 40 relatives who are in the new detention facilities ... or in prison, or have gone missing ...

“It is easy to see why Chinese officials would view RFA so darkly, even if it were not funded by America. Its staff doggedly pursue sources in Xinjiang, sometimes making hundreds of calls daily, to glean titbits of information about the regime’s treatment of Uighurs. The service beams its Uighur-language reports for two hours each day via shortwave radio and satellite. China jams RFA’s transmissions and blocks its website, but in a survey of Uighurs in Turkey who had recently left their homeland, about one-fifth had listened to or read RFA news at least once a week while in Xinjiang. RFA’s stories have helped bring global attention to the new detention centres, details of which have been difficult for journalists to uncover because of an intense security clampdown in Xinjiang. ...

“Thinly sourced and melodramatic”

“It is not only China’s government that criticises RFA’s reporting on Xinjiang. Some people who sympathise with the Uighur cause say its stories are sometimes thinly sourced and melodramatic. Others say the station’s support from the American government, to the tune of \$44m a year, including \$2m for the Uighur-language service, suggests that RFA is a propaganda tool. The broadcaster, founded in the 1990s, says it has editorial independence. But it belongs to a constellation of government-sponsored stations, other members of which had their heyday in the cold war, including Voice of America and Radio Free Europe/Radio Liberty. ...


“There is certainly a cold-war feel to working

for RFA's Uighur service. Many of the people the journalists try to speak to in Xinjiang are too afraid to answer. Staff suspect the Chinese authorities use voice-recognition technology to identify them and block their phone conversations—lines to Xinjiang often drop after a minute of conversation. 'The intimidation, the incarceration of our loved ones is very constant,' says Mamatjan Juma, the service's deputy director. His three brothers are all in custody, two of them since May 2017. Sometimes the pressure is too much—just hearing a song that he used to listen to with his brothers can cause floods of tears. 'It affects you, but you have to get up every day and come to work, because if you don't write,

if you don't report on these issues, nobody would. We don't have a choice.'"

This article is behind The Economist's pay-wall, so visit your local library to read the October 24 issue.

An interesting aside is that the Uighur websites of RFA and Voice of Turkey are available in Latin, Arabic, and Cyrillic scripts. It's obviously a labor-intensive language service, which might explain why more international broadcasters do not offer content in Uigher.

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

Shortwave Center

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Autumn is here. Darkness is up; temperatures are down; noise is down. Unfortunately, tropical band broadcasting is down again too, as you will see from Anker Petersen's annual report. But as evidenced by the loggings reports from members in this month's and every month's Journal, there's still plenty of activity on the bands. Here's to the season we get to really let it all out. Cheers!

Trends in tropical bands broadcasting 2019

by Anker Petersen

Since the Danish Short Wave Club International published the first annual Tropical Bands Survey in 1973, I have registered which

stations are active, based upon loggings from our members and other DX-ers around the world. Here is an updated status where Clan-destine and Pirate stations not are included.

Active domestic transmitters on 2200 – 5800 kHz

Region	1973	1985	1997	2009	2019
Central Africa	102	76	40	18	3
Southern Africa	57	39	33	20	7
Middle East	9	4	1	0	0

Indian Subcontinent	62	45	45	29	14
South East Asia	40	29	21	4	1
Indonesia	171	105	65	13	2
China, Taiwan, Mongolia	119	110	75	32	19
CIS (former USSR)	61	59	47	7	4
Far East	38	28	28	9	6
Papua New Guinea	17	20	20	15	2
Australia and other Pacific	10	4	13	8	4
Central America, Mexico	21	23	24	5	1
Caribbean	29	3	3	2	3
Northwestern South America	98	41	19	3	1
Ecuador	47	33	22	5	0
Peru	78	69	78	28	6
Bolivia	35	42	25	14	3
Brazil	107	87	67	35	16
Southern South America	5	2	1	0	0
Total	1106	819	627	247	92

During the past year the previous trend, that Tropical stations slowly disappear, continued throughout the world with a loss of about 10 stations, including Meyerton in South Africa. The reason is, that other media get higher priority, than keeping elderly Shortwave transmitters alive.

South Africa AUG18

3250 100 PBS, Pyongyang North Korea JAN18

3255 100 BBC, via Meyerton South Africa MAR19

3320 100 R Sonder Grense, Meyerton South Africa MAR19

3345 100 Channel Africa, Meyerton South Africa MAR19

3925 50 R Nikkei, Nagara, Chiba, Tokyo Japan SEP18

4765 10 R Integração, Cruzeiro do Sul, AC Brazil FEB18

Here are some of the stations on the Tropical Bands, which have closed down during year 2018 or 2019:

kHz	kW	Station	Country	Last log
3230	100	So. African R League,	Meyerton	

4790 50 BBC, via Yangiyul, Dushanbe Tajikistan MAR18

4810 100 Armenian Public R, Noratus, Gavar Armenia JAN19

4810 100 Dengê Welat, via Noratus, Gavar Armenia MAR18

4845 1 R Meteorologia Paulista,Ibitinga,SP Brazil MAR18

4895 100 So. African R League, Meyerton South Africa FEB19

4990 10 Hunan PBS, Changsha, Hunan China JAN18

Rádio Nacional da Amazônia - Part 1

By Martín Butera (British DX Club)

Reprinted by Permission

Rádio Nacional da Amazônia has the largest complex of medium and short wave transmitters and transmitters in Latin America and the fifth most powerful in the world.

The Rádio Nacional da Amazônia transmits to more than half of the Brazilian territory on short wave frequencies of 11780 and 6180 khz. Inaugurated on 1 September 1977, the station was created by the military government under the so-called National Security Doctrine. Its objective was to prevent the Amazonian population from continuing to listen only to the sound of the radios of the communist countries, which escaped censorship, for example: Radio La Habana, from Cuba; Moscow International Radio of the former Soviet Union; Radio Tirana of Albania, among others. On 12 June 2008, Radiobrás ceased to exist and all the radio stations that were part of the company, including the Rádio Nacional da Amazônia, joined the Empresa Brasil de Comunicação (EBC). Empresa Brasil de Comunicação (EBC), a public company organized as a private corporation, with 51% of its shares owned by the union, was creat-

ed by law No 11.652 / 2008. The company's mission is to implement and administer the system of public communication foreseen in the Federal Constitution in its article 223.

Today, the station is a means to promote citizenship and communication between listeners. Rádio Nacional da Amazônia, has managed to change one of the most shameful and sad times in the recent history of Brazil - the military dictatorship. Thus, in 2012, with the report Crimes Against Indigenous Peoples in Dictatorship, issued in August 2012, the Rádio Nacional da Amazônia won the 34th Vladimir Herzog Journalist Award for Amnesty and Human Rights, in the category of Radio.

The producers mention that the programming pattern is almost entirely led by the listeners themselves, due to the proximity with the radio conductors and announcers. The producers tell us that we must think about the immensity of the peoples that inhabit the Amazon; that even today the radio is used for messages from listeners to their relatives and friends, since in those places the only thing that arrives by air is the radio itself. The importance of maintaining this short-wave service is emphasised.



Ligia Katze, photographer and Martín Butera, interviewing Beth Begonha.

Beth Begonha's Brazilian Amazonia

We interviewed one of the main presenters of Rádio Nacional da Amazônia, the beloved Beth Begonha, of the Brazilian Amazon program. Presented from Monday to Friday from 8 a.m. to 10 a.m., the program carries news and education related to the history and culture of the Amazon.

Listeners participate in the program through letters that give suggestions, ask questions and request music. There is also the participation of reporters and interviewees directly from the Amazon region. Broadcaster Beth Begonha has been presenting Brazilian Amazon since 2003. We were able to speak in a relaxed interview in the studio itself, during the program intervals.

She is a very much in demand announcer, having made several trips to visit indigenous towns and communities, creating a strong and very beautiful relationship with them. Through the microphones of the National Radio of the Amazon, Beth Begonha speaks with the awareness of who lived the reality of the Amazon. Its program talks about environmental issues and highlights the need

to assess the cultural identity of indigenous communities, and all that live on the Amazon River.

Graduated in journalism in an Amazonian city, Beth says she has been through adverse conditions and her story serves as a motivation to guide education in the Brazilian Amazon and encourage listeners to return to school. "I studied and completed my university course with great effort, and I believe that this testimony is also an important element in this incentive, which has had many beautiful results."

Beth Begonha tells me, "Everything I know about the indigenous people I learned from them. When I started the project of the Brazilian Amazon, a program that I present and produce in the Rádio Nacional da Amazônia, I had very clear objectives that we should achieve as a media space:

- Integrate the different peoples that live in the Amazon, with their cultural diversity and diversity;
- Specific topics, promoting knowledge and interaction among these populations.

“This also included indigenous communities. This space has always been designed to be occupied for the Indians, not for someone who speaks for them.

“It was not a difficult task, I must confess, for the receptivity of these communities, for their desire and need to be seen and heard. The greatest difficulty was mine, because despite working in communication for many years, even in the Amazon, I had no true knowledge of the Indians.”

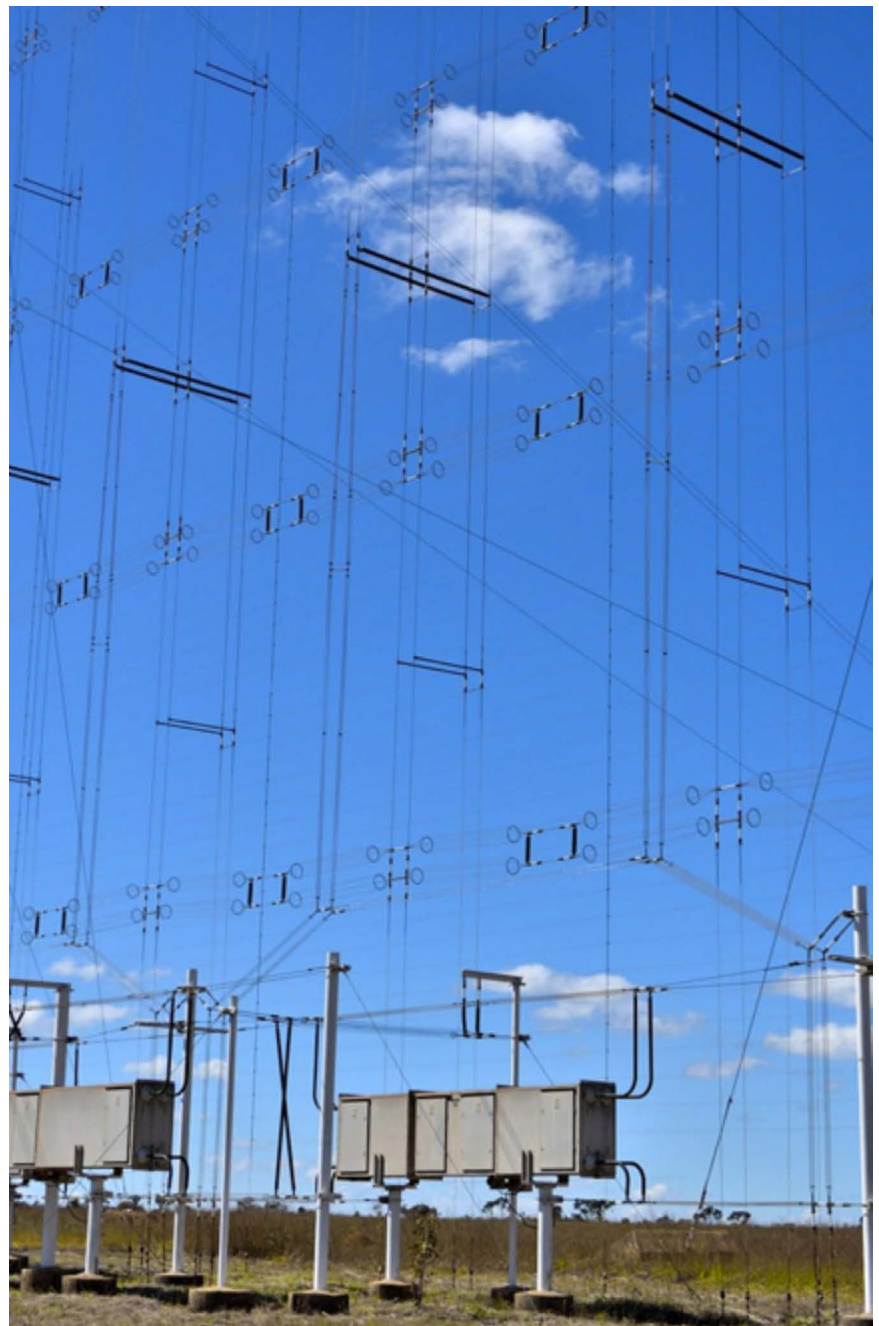
Beth’s program performs unprecedented work, inserts indigenous peoples into the agenda of the program, opening a space that values these Brazilians. The musical part is not only dedicated to popular and successful Brazilian songs, here the listeners have the opportunity to listen to songs that are produced directly inside the Amazon.

The program has also generated the important relationship of other listeners with indigenous peoples, increasing empathy and respect for their culture. This relationship with the indigenous population led Beth Begonha to a relevant transmission outside the studies. It was when visiting the Xingu Indigenous Park in 2007, where she covered the visit of the then Minister of Justice Tarso Genro (Brazilian lawyer, journalist and politician affiliated with Workers’ Party, currently the governor of the state of Rio Grande do Sul).

Beth Begonha’s program not only had the brave idea of transmitting directly from the Amazon rainforest and different indigenous camps

in Brazil, it has also transmitted from several meetings that dealt with the biodiversity of the Amazon. One of these relevant transmissions was the one that took place from June 18 to 22, 2012. During “Rio + 20”, the biggest environmental event of the past decade.

Together with Mr. Luciano G. Maia, in charge of public relations of the company EBC, I had the opportunity to tour the entire modern property, with an impressive mix of all radio and even television signals.



Radio Nacional de Brasilia Park

The Rodeador Park in Brasilia Federal District is the largest complex of medium and short wave transmitters and transmitters in Latin America. It transmits the signal of the National Radio AM of Brasilia and the National Radio of Amazonia for all of Brazil.

The transmitter of the National Radio AM of Brasilia works only during the night, when the signal is transmitted throughout the country. During the day, the Brasilia AM National Radio signal is transmitted from the SIA Transmitter Park, covering only the Federal District and its surroundings. This is due to the difficulty of transmitting a medium-wave signal throughout Brazil during the day.

The visit to the antenna field is absolutely incredible; the structure of the park without a doubt is colossal. From afar, you can already see the imposing towers 150 meters high each.

Everything is perfectly well maintained and a team of well-dedicated people and professionals work in the field of antennas, these professionals are responsible for not neglecting the quality of the signal.

While there is a great contrast between the modern studios located in the centre of Brasilia to the transmitters of the antenna field located 34 km away, the transmitters

look like more museum pieces. But to be honest I must say that everything works perfectly well, thanks to the dedication of the professionals who maintain these transmitters permanently.

The antennas that are an elaborate and complex installation, assure the Brazilian government the possibility of having radio coverage to the most remote areas of the country, as well as the possibility of reaching the five continents.

This led to the year 2018, named by the “Cabinet of Institutional Segurança da Presidência da República (GSI)”, the “Parque do Rodeador” antenna field being officially classified as vital support infrastructure for critical situations and natural disasters and emergencies, to be used if the Brazilian population enters a situation of collapse in communications.

Installed on March 9, 1979, the area houses four sets of giant antennas, one of which is 142 meters high. The other three sets have higher towers, reach 147 meters and are responsible for transmitting in short waves (OC). In addition to the vertical antenna used for medium wave transmission, the park has the dipole curtain antenna reinforcement for short wave transmission.

[Part 2 of this report will appear in a subsequent Shortwave Center.]

North Korea Resumes DRM Broadcasts

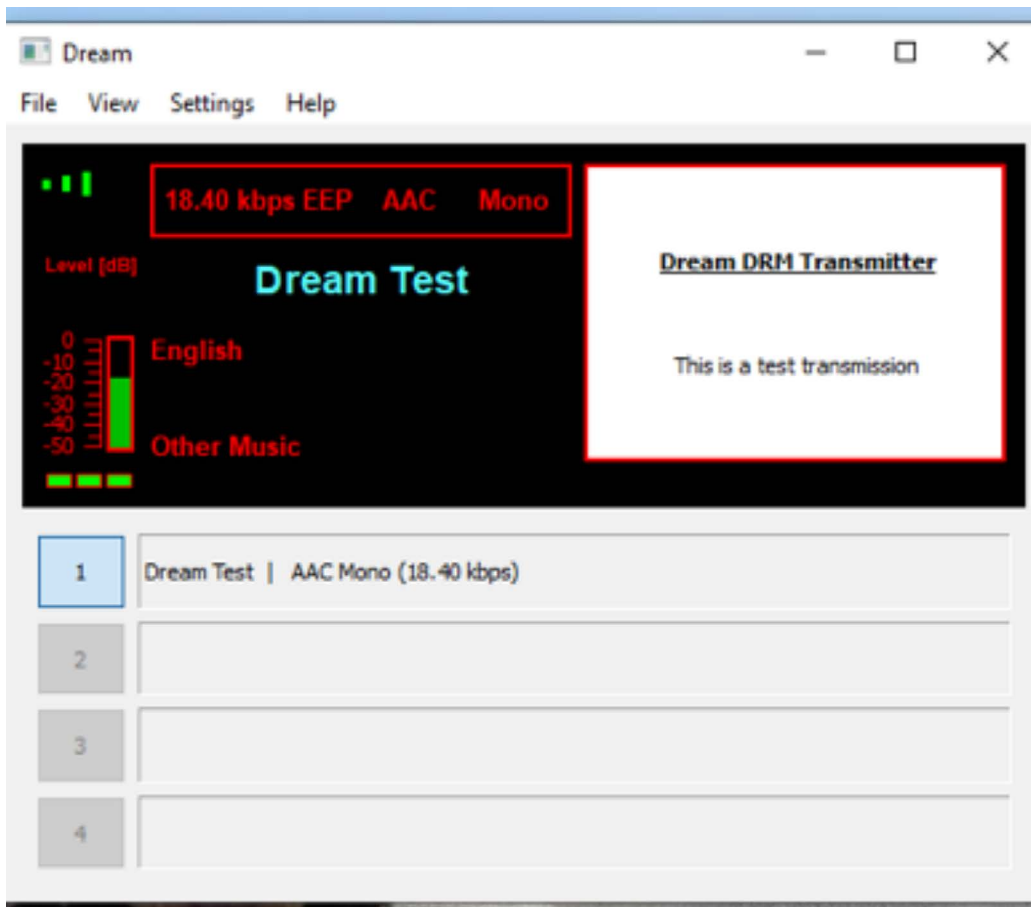
These transmissions are the latest in a series of periodic tests.

By Hans Johnson

(Radio World)

North Korea has returned to digital radio broadcasting after an absence of nearly two

years. The latest Digital Radio Mondiale (DRM) shortwave transmissions began mid August. The country has had periodic DRM broadcasts for many years.



A Screenshot showing North Korea using a Dream DRM transmitter modulator. Credit: Hans Johnson



Screenshot showing North Korea using a BBEF DRM transmitter modulator. Credit: Hans Johnson

It appears unclear at this time however whether the current series of transmissions will soon end or be the start of a regular service.

Thus far, all of the latest test transmissions have taken place on 3560 kHz, which is actually allocated for amateur radio use.

According to radio enthusiasts in the region, the signal has been clear and very audible.

In 2012, 2016, and 2017, the country's international service, **The Voice of Korea**, trialed DRM. Those tests involved a professional grade DRM modulator, which identified itself as being from the Engineering Research Center of Digital Audio and Video (ECDAV) at the Communications University of China in Beijing.

Pyongyang Broadcasting Station, a Korean-language service for Koreans living in China, Japan, and South Korea, has been carrying out these latest broadcasts, which appear to implement two DRM modulators.

Based on settings and parameters, the first is the open-source, software-based Dream DRM transmitter.

Developed at Germany's Darmstadt University some 15 years ago, technicians continue to tweak various parameters, such as band-

width, as they test and learn about the system.

In spite of its age, the Dream DRM transmitter is compatible with any DRM receiver. North Korea could easily put on multiple DRM transmitters using this free system.

North Korean operators also appear to be using a professional grade DRM modulator, which is most likely from private Chinese manufacturer Beijing Broadcasting Equipment Factory (BBEF). BBEF is best known for selling North Korea a number of shortwave transmitters ranging in power from 20 to 150 kW in 2011.

A professional DRM modulator is more capable than Dream. But North Korea probably cannot manufacture its own and a single modulator can easily cost many thousands of dollars.

A lot has changed since North Korea last aired DRM broadcasts two years ago. Broadcasters in China and Guam have started regular DRM services and Russia is set to begin a service for Russia Far East.

With so many DRM programs coming on air in the region, North Korea may finally decide to remain on the air for good using the digital radio standard.

Radio Free Europe Gears for Relaunch in Hungary

(Budapest Business Journal)

Radio Free Europe/Radio Liberty, the U.S. government-funded organization that broadcasts news and analysis to countries in Eastern Europe, Central Asia and the Middle East “where a free press is banned or not fully established,” is set to restart in Hungary, following recent relaunches in Bulgaria and Romania.

During the Cold War, **Radio Free Europe** - whose motto is “Free Media in Unfree Societies” - was broadcast to Soviet satellite countries. After the fall of the Berlin Wall, it wound up the service in Hungary in 1993, considering the collapse of communism to be mission accomplished, recalls a report in The New York Times (NYT) dated September 6.

The article comments that the move to relaunch the service by the U.S. Agency for Global Media, an independent federal agency, reflects Hungary’s drift away from a free

and open government under Prime Minister Viktor Orbán, adding that it may also be seen as a blow to U.S. President Donald Trump’s efforts to forge a closer relationship with the government of Hungary.

The service’s relaunch in Hungary still awaits approval by the U.S. Congress, but that may come this month, the paper adds.

“We’ve done our homework, and we know this has broad backing, and we’re preparing to move forward,” the agency’s chief, John Lansing, is cited as saying. He adds that the service’s initial budget could run up to USD 750,000, and that a bureau would be established in Hungary. He expects a soft launch of the service in May 2020, with a hard launch one year from now.

The NYT notes that Orbán’s allies control the public media and most of the country’s private news media. Earlier this summer, a report prepared for the European Commission

found that the Central European Press and Media Foundation (Közép-Európai Sajtó és Média Alapítvány - KESMA), the centralized pro-government media conglomerate established by the governing Fidesz party in November 2018, endangers press freedom and plurality in Hungary.

Diplomatic Concerns

David B. Cornstein, the U.S. ambassador to Budapest, has reportedly sought assurances from **Radio Free Europe** that its service would not focus on negative stories about the Hungarian government, or investigative journalism, and that it would not undermine his efforts as ambassador, according to American officials cited by the NYT.

At the same time, the paper stresses that the U.S. International Broadcasting Act prohibits American government officials, including Cornstein, from interfering in Radio Free Europe's reporting.

"It's literally illegal for the U.S. government to interfere in our editorial independence," Lansing is cited as saying.

The NYT notes that since Orbán's return to power in 2010, Hungary has plummeted in the World Press Freedom Index, the annual ranking of countries' press freedom by the group Reporters Without Borders. In 2015, Hungary ranked 65th out of 180 countries on the index, falling from 23rd on a list of 173 countries when the present regime came to power in 2010. In the latest 2019 ranking, Hungary has plunged further to 87th out of 180.

At the same time, the article notes that Hungary is not alone in the region, noting that **Radio Free Europe** has already relaunched in Bulgaria and Romania this year, despite all three countries being members of the Eu-

ropean Union and NATO. It notes that the three countries rank among the most corrupt in the EU, according to Transparency International's Corruption Perceptions Index.

The article also notes that Hungary, unlike Romania and Bulgaria, remains the only EU member to be downgraded to "partly free" by Freedom House, an American democracy watchdog organization.

Russian Influence

Péter Krekó, director of Political Capital, a Budapest-based think tank and consultancy, is quoted by the NYT as saying that Orbán has modeled Hungary's centralized media structure on the example set by Russia. He accuses Hungary's pro-government media of adopting many of the Kremlin narratives found on Sputnik News and RT.

"Orban has already mentioned Russia several times as a model state," Krekó observes. "Orban's policies in education, media and toward NGOs are obviously inspired by Putin."

This year, the U.S. House Committee on Appropriations encouraged the restart of Radio Free Europe's service in Central and Eastern Europe "to counter the Kremlin narrative and combat corruption," recalls the NYT. Bipartisan legislation introduced in the House in May called on Secretary of State Mike Pompeo to bolster efforts in Hungary against corruption and Russian influence, and to strengthen the independent news media and civic groups.

"There is a growing understanding on both sides of the aisle now that there are challenges to democracy and the rule of law in countries like Hungary and Poland," Dalibor Rohac, a research fellow with the American Enterprise Institute, a Washington, D.C.-based think tank, is cited as saying in the NYT report.

Listener's Notebook

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Times are UTC and frequencies in kHz.

ALASKA B-19 changes of WCB KNLS The New Life Station from October 27:

0800-0900 NF 6075 English tx#1, ex 9710
0800-0900 NF 7370 Chinese tx#2, ex 9610
0900-1000 NF 6120 Russian tx#1, ex 7370
0900-1000 NF 7370 Chinese tx#2, ex 9610
1000-1100 NF 6115 English tx#1, ex 9710
1000-1100 NF 9665 Chinese tx#2, ex 9605
1100-1200 NF 6045 Russian tx#1, ex 7320
1100-1200 NF 9665 Chinese tx#2, ex 11610
1200-1300 NF 9665 English tx#2, ex 7355
1200-1300 NF 11760 English tx#1, ex 7320
1300-1400 NF 11760 Chinese tx#1, ex 11785
1300-1400 NF 11785 Chinese tx#2, ex 11890
1400-1500 NF 11760 English tx#1, ex 7320
1400-1500 NF 11830 Chinese tx#2, ex 11890
1500-1600 NF 11755 Russian tx#1, ex 7320
1500-1600 NF 11830 Chinese tx#2, ex 11890
(DX Mix-Bulgaria)

ALBANIA China Radio International in Arabic via Cerrik on very odd frequency: 0500-0657 on 9592 CER with 150 kW to Middle East in Arabic, instead of nominal 9590 // 5985 CER & 11775 CER. (Ivo Ivanov-Bulgaria)

ANTARCTICA 15476, Oct 3, *1232-, **LRA 36, Radio Nacional Arcángel San Gabriel**, Base Esperanza, carrier and some songs and comments detected here in Friol. Extremely weak. Checked at 1500 and later, no carrier and not audio detected. Observed this week and the previous one here in Friol and via SDR Kiwi receivers in Brazil, LRA 36 seems to returned to its previous schedule, only on air Tuesdays and Thursdays from 1230 to about 1430 and

perhaps some of this days, but not always, repeating program at 1800. (Méndez-Spain/Shortwave Bulletin) 15476, LRA 36, Radio Nacional Arcángel San Gabriel, Base Esperanza, received e-mail with QSL in a word file, for a reception report sent March 22, 2019. They answered in about 100 days. When I received the email, I thought it was the 40th anniversary special transmission QSL of October 20, 2019, but if they take so long to answer, we have to wait some months for this QSL. (Manuel Mendez-Spain/PlayDX)

ARMENIA Trans World Radio India via CJSC Yerevan, September 24:

1535-1539 on 9300 English Mon-Fri, good . Wrong freq. announcement: on 7550 (B18), instead of 9300 (A19) (DX Mix-Bulgaria)

Trans World Radio India via GJSC Yerevan on October 6:

1530-1600 on 9300 English Sat/Sun, good (DX Mix-Bulgaria)

AUSTRALIA 5055, **Radio 4KZ** noted on October 5 with 1245* cut off. Nothing heard on the future additional frequency of 2484/2485. (Ron Howard-CA) 5055, 4KZ, Queensland, Aug. 24 at 0950-1007 in English. SI0252. Interview & pops. ID at 0959, followed by news at 1000. (Nagatani-Japan/Japan Shortwave Club)

11905 **Reach Beyond Australia**, Kunnunurra. Sep. 7 at 1115 (S/on)-1159(S/off). SI0343. Talk & music in Rohingya till 1130, then talk & music in Matu. ID in English at 1158. (Hayashi-Japan/Japan Shortwave Club)

AUSTRIA 6155, 0550, **Radio Österreich International** via Moosbrunn strong in GG w/ music 7/9. (Ian Wells-New Zealand/New Zealand DX Times)

BANGLADESH Poor signal of **Bangladesh Betar**, October 1:

1745-1900 on 4750 SHV English
(DX Mix-Bulgaria)

BOLIVIA 3310, **Radio Mosoj Chaski**, Cotapachi, Cochabamba, received email confirmation QSL letter in 19 days, for a reception report sent via email to: radiomosojchaski@hotmail.com. (Via HCDX Manuel Méndez-Spain/New Zealand DX Times) 3310, Radio Mosoj Chaski, email confirmation QSL letter in 19 days. E-mail: radiomosojchaski@hotmail.com. (Manuel Méndez-Spain/DX Fanzine)

BOSNIA Two Soccer Fans Arrested In Sarajevo After Storming Radio Station: Two people have been arrested by Bosnian police after a group of soccer fans broke into a radio station in Sarajevo and forced staff to withdraw a news item. Police said on September 28 that the two face charges of threatening the safety of **Radio Sarajevo** journalists and editors during the incident late on September 27. According to the radio station, hooligans stormed its offices angry over the news that a fan of the Sarajevo soccer club received five years in prison in Belarus for cocaine possession. They threatened the staff and their families. The station described the incident as "an actual hostage situation." It said that faced with death threats, the editor was forced to remove the news item. (AP Reporting via Radio Free Europe/Radio Liberty/Radio World)

BRAZIL In our German TV and radio programs heard reports from Brazil, about cease all public radio organization services like Radio

Nacional, and plans of President Bolsonaro to sell these national radio TV programs to the private Brazilian media corporations. And not line-loyal journalists in the state broadcasters to sack / dismiss soon. (Wolfgang Bueschel-Germany, wwdxc BC-DX TopNews Sept 3/Worldwide DX Club)

4774.9, **Radio Congonhas**, Congonhas, 0359-0437, 17-09, Brazilian songs, Portuguese, comments. Very weak. At 0437 eclipsed by TWR Africa, Swaziland. 15321. (Méndez-Spain/New Zealand DX Times))

4885, **Radio Clube do Para**, Belem, at 0610-0640 on Sept 22, Brazilian songs, pop songs in English, "Clube da Madrugada", ID "Radio Clube do Para, ..., Emisoras da Rede Amazonia de Comunicacao, Belem, Para, Brasil". 35433. (Manuel Mendez-ESP, hcdx Sept 22)

4905, **Radio Relogio Federal**, Rio de Janeiro, at 0701-0729 on Sept 21, comments and songs. Extremely weak, best on LSB. 15311. (Manuel Mendez-ESP, hcdx Sept 22)

4985, **Radio Brasil Central**, Goiania, at 0618-0629 on Sept 22, Brazilian songs. Strong QRM from Teletype stations. 21431. (Manuel Mendez-ESP, hcdx Sept 22)

6010, **Radio Inconfidencia**, Belo Horizonte, 0445-0457, 17-09, Brazilian songs. Very weak. 15311. (Méndez-Spain/New Zealand DX Times)

9515, **Radio Marumby**, Curitiba, 1935-1950, 16-09, Portuguese, religious comments. 15321. (Méndez-Spain/New Zealand DX Times)

9550.1, **Radio Boa Vontade**, Porto Alegre, 2015-2028, 16-09, Portuguese, religious comments. // 11895.1. 13311. Also noted on 11895.1 at 2013-2021 24322. (Méndez-Spain/New Zealand DX Times)

11815, **Radio Brasil Central**, Goiania, 2010-2018, 16-09, Brazilian songs, Portuguese, comments, id. "Radio Brasil Central". 32432. QRM on 11810. (Via Manuel Méndez-Spain/New Zealand DX Times)

BULGARIA IRRS Radio Warra Wangeelaa via SPL Secretbrod, October 5:

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

5900, **Overcomer Ministry** at 0235 with Brother Stair preaching and quoting the Bible. Poor-fair, Sept. 26. (Harold Sellers-BC/Dexplorer)

CHILE 3945, **RCW- Radio Compania Worldwide**. RCW-Sept9, 2019. 2300-2315. IDs and Chilean and Latin Music. SINPO: 45343 (Via HCDX. Claudio Galaz-Chile/New Zealand DX Times)

CHINA Oct 1 ("National Day"), from 1203+, heard the following stations in // carrying the gala being held in Tienanmen Square:

CNR1 frequencies (6125, etc.)

CNR2 frequencies (6155, etc.)

PBS Xizang (Tibet) (4820, etc.)

PBS Xizang (Tibet) (4920, 6200, etc)

CNR 6 (6165)

China Huayi B.C. (6185)

PBS Nei Menggu (7420)

Stations not carrying the gala:

Voice of Strait (4900 & 4940)

Beibu Bay Radio (5050)

PBS Yunnan (6035 & 7210)

PBS Sichuan 2 (6060 // 7225)

Voice of Jinling (6200) - noted *1231, blocking coverage by PBS Xizang (Tibet), but later VOJ was off the air for 10-15 minutes. (Ron Howard-CA)

China National Radio prgr 17 in Kazakh on 9630 & 11630 kHz was confirmed in late August and September with English & Russian languages lessons. In English & Kazakh from around 1217-1229 during two weeks starting from 3rd Monday of the month daily. Some days there are no language lessons eg 23 & 24 September (Rumen Pankov-Bulgaria/British DX Club)

4750, 0926, **CNR1** domestic service via Hailar (per short-wave.info listing) fading up on measured 4749.988. Time signals at 0930, rapidly improving signal 15/9. Audio running slightly behind // 6175 good & 7230 vgd. (Bryan Clark-New Zealand/New Zealand DX Times)

4940, **Voice of Strait**, 1430-1455, Sept 29 (Sunday). The weekend only edition of "Focus on China" program in English; today with show "Selfie," produced by China Plus (CRI): "Hello and welcome to Selfie, the show that gets to the heart of Chinese society, life and the economy. I'm Tony Reid. In this edition of Selfie, China Plus's Wang Lei takes us to the Tibet autonomous region. We'll hear stories about people's struggle for a better life through sand control and central heating and oxygen supply projects." Also IDs for "Focus on China, in Voice of Strait Broadcasting Station," "Fresh, dynamic, professional, profound, explore Chinese culture . . . You are now listening to Focus on China"; mostly readable. (Ron Howard-CA)

9500, 0930, **CNR1** via Shijiazhuang (per short-wave.info data) strong w/ CC domestic service with parallels 9645 fair, 9675 poor, 9830 exc, 11720 poor, 11760 vgd, 12045 weak, 13610 weak. All listed higher frequencies inaudible 15/9. (Bryan Clark-New Zealand/New Zealand DX Times)

15390, **CNR 13 Uyghur Radio**, eQSL in 1 day. E-mail: yinglian@cri.com.cn. (Ivan Zelenyi-Russia/DX Fanzine)

CLANDESTINE Voice of Martyrs via RRTM Telecom Tashkent, September 24:

1530-1600 on 7530 TAC Korean, weak to fair signal
(DX Mix-Bulgaria)

Manara Radio International via TDF Issoudun, October 7:

0700-0800 on 13840 ISS Hausa, weak to fair
(DX mix-Bulgaria)

Dandal Kura Radio International via MBR Nauen, October 8:

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

Radio Ndarason International via ENC-DMS Ascension, October 6:

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

Voice of Wilderness via RRTM Telecom Tashkent, October 4:

1400-1500 on 7615 TAC Korean, weak to fair signal
(DX Mix-Bulgaria)

Reception of **Radio Sinit Eritrea** via MBR Issoudun, October 5:

0500-0600 on 11660 Tigrinya ONLY Sat-very good

0530-0600 on 11660 Arabic is not on air today
(DX Mix-Bulgaria)

Frequency changes of **North Korea Reform Radio**:

1430-1530 NF 7590 TAC Korean, ex 11565
2030-2130 NF 7590 TAC Korean, ex 7505
(DX Mix-Bulgaria)

Voice of Martyrs via RRTM Telecom Tashkent, October 8:

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

Reception of **Radio ERGO** via ENC-DMS Al-Dhabayya on October 6:

1200-1300 on 17845 DHA Somali, weak/fair signal
(DX Mix-Bulgaria)

Free North Korea Radio via RRTM Telecom Tashkent, October 7:

1200-1430 on 11510 Korean, weak to fair signal
(DX Mix-Bulgaria)

Updated A19 schedule of clandestine broadcasts as of September 30:

Denge Welat

0230-0500 on 9525 ISS Kurdish
0500-0600 on 11530 ISS Kurdish
0600-1600 on 11530 KCH Kurdish

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

Radio Republica

0100-0300 on 9490 ISS Spanish
0300-0400 on 9490 ISS Spanish Sun/Mon
(DX Mix-Bulgaria)

Eye Radio

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

Al-Azm Radio

0858-0656 on 11745 JED or RIY Arabic
(DX Mix-Bulgaria)

JSR Shiokaze Sea Breeze

1300-1330 on 5980 YAM English Thu
1300-1330 on 6070 YAM English Thu
1300-1330 on 5980 YAM Japanese Sat-Tue
1300-1330 on 6070 YAM Japanese Sat-Tue
1300-1330 on 5980 YAM Korean Wed/Fri
1300-1330 on 6070 YAM Korean Wed/Fri
(DX Mix-Bulgaria) Oct 2, with the jamming
of Shiokaze: 5980, fast, pulsating noise jam-
ming long before Shiokaze started at *1300.
6070, jamming anomaly; from *1300 to 1306*,
with the programming of KCBS Pyongyang
(// 3320 // 6400); then leaving Shiokaze in
the clear for about a minute; *1307, start of
a slower, pulsating noise jamming (seemed
slower rate than 5980). (Ron Howard-CA)

Frequency changes of **JSR Shiokaze Sea
Breeze** on October 3:

1300-1400 NF 5935 YAM, ex 5980 and 2nd
freq. same time NF 6040 YAM, ex 6070 is as
follows

1300-1330 Japanese Mon/Tue/Sat/Sun; Kore-
an Wed/Fri; English Thu

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

1600-1700 NF 5920 YAM, ex 6090 and 2nd
freq. same time NF 5980 YAM, ex 6165 is as
follows

1600-1630 Japanese Mon/Tue/Sat/Sun; Kore-
an Wed/Fri; English Thu

1630-1700 Korean Wed/Fri/Sat/Sun; Japa-
nese Mon/Tue; English Thu (DX Mix-Bulgaria)

Frequency changes of **Furusato no Kaze** via
Shiokaze Sea Breeze October 3:

1405-1435 NF 6070 YAM Japanese Daily, ex
5920

1405-1435 NF 6165 YAM Japanese Daily, ex
5980
(DX Mix-Bulgaria)

Nippon no Kaze

1300-1330 on 9465 TSH Korean
1300-1330 on 9940 TSH Korean
1300-1330 on 9965 HBN Korean
(DX Mix-Bulgaria)

Voice of Oromo Liberation

1700-1800 on 15420 NAU Afan Oromo Wed
1700-1730 on 15420 NAU Afan Oromo Fri/
Sun
(DX Mix-Bulgaria)

Dimtse Radio Erena

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

Koode Radio International

1900-1930 on 9810 ISS Nigerian Fulfulde
(DX Mix-Bulgaria)

Suab Xaa Moo Zoo, Voice of Hope

2230-2300 on 7530 TSH Hmong
(DX Mix-Bulgaria)

CONGO (REP) 6115, **Radio Congo**, Brazaville, at 1725-1830* on Sept 19, pop and African songs, French, comments, at 1800 news, more comments. 14321. (Manuel Mendez-ESP, hcdx Sept 19/TopNews)

CONGO (DEM. PEOPLE'S REP.) 6210.20, **Radio Kahuzi**, Bukavu, at 1750-1758* on Sept 18, carrier and some comments heard, extremely weak here in Reinante. 15311. Also at 1750-1820* on Sept 20, extremely weak, carrier and comments detected here in Reinante Spain. Closed today later than other days. (Manuel Mendez-ESP, hcdx Sept 20/TopNews)

DENMARK In a completely unexpected move the Danish authorities has withdrawn the permission to use out of band frequencies (on a non interference basis) for **World Music Radio** (WMR). This means that WMR will be ceasing operations on 5840 and 15805 tomorrow Sunday September 15th 2009 at 2200. WMR may return to shortwave – using frequencies inside the official SW bands– but this may take several months. Meanwhile WMR continues being available via internet streaming at www.wmr.dk and hopefully also soon on medium wave 927 in Copenhagen. (Via Stig Hartvig Nielsen-Denmark/New Zealand DX Times)

15805, **World Music Radio**, E-QSL 21 days. Report in English sent to: wmr@wmr.dk. (Christian Ghibaudo-France/DX Fanzine)

ECUADOR 6050, **HCJB** at 0222 with song in Spanish, man in Indian language, Andean pan flute music, starting before 0230 there were closing announcements, mention Ecuador, National Anthem by orchestra and choir, 0233 off. Fair, Sept. 26. (Harold Sellers-BC/Dxplorer) 6050, HCJB - Pichincha, 0348-0500*, 14-09, Saturday's German program, female, male, comments, at 0400 time signals and program in Spanish, religious and cultural comments, Andean music and other songs in Spanish, "Asi termina el programa de hoy, agradeciéndoles...", anthem and close at 0500. 0400-0458 strong QRM from Algeria on the same frequency. 214321. (Via Manuel Méndez-Spain/New Zealand DX Times)

ENGLAND FEBA Radio/Radio Sama via ENC-DMS Woofferton, October 1:

1700-1800 on 15260 WOF Arabic, very good
(DX Mix-Bulgaria)

ERITREA 7180, **Voice of Broad Masses**, Asmara, at 1725-1738 on Sept 19, East African songs, Vernacular comments. 25432. (Manuel Mendez-ESP, hcdx Sept 19/TopNews) 7180.020, VoBM Amharic service via Asmara, Eritrea, S=6 in WeEUR, at 0447 on Sept 25. Nothing traced on 7140 channel. (Wolfgang Bueschel df5sx, wwdxc BC-DX TopNews Sept 25)

ETHIOPIA 6030, 2005, **Radio Oromiya** with talk in Afar Oromo and local music 29/8. (Bryan Clark-New Zealand/New Zealand DX Times)

6110, **Fana Broadcasting Corporate**, Addis Ababa, Sep. 4 at 2010-2101(S/off) presumably in Oromo. SI0353. A radio drama of a man and a boy, where a part of a Japanese "enka" ballad song was recurrently used as a jingle between episodes. The national anthem was played at 2100 and then signed off. (Suzuki-Japan/Japan Shortwave Club)

FRANCE TDA Telediffusion d'Algerie via TDF
Issoudun in 31mb on October 3:

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

GERMANY Reception of **DWD Deutscher Wet-
terdienst** in 49mb on Sept. 30:

0600-0630 on 5905 PIN German AM mode,
fair

0600-0630 on 6180 PIN German AM mode,
good
(DX Mix-Bulgaria)

Adventist World Radio Obectivo DX#848 via
MBR Nauen on Sept. 29:

0900-1000 on 9610 NAU Italian Sun, very
good signal (DX Mix-Bulgaria)

New schedule of **Shortwave Radio for Eu-
rope** effective from October 1:

1000-2300 on 3975 WIS English Daily, ex
1600-2300

1100-2200 on 6160 WIS English Daily, ex
1600-2200
(DX Mix-Bulgaria)

Evangelische Missions Gemeinden EMG via
MBR Nauen, October 5:

1030-1100 on 6055 German Sat/Sun, good
(DX Mix-Bulgaria)

Reception of **Radio Emmeloord** via MBR
Nauen on October 5:

1100-1600 on 6095 NAU Dutch/English, good
signal
(DX Mix-Bulgaria)

Reception of **HCJB Voice of The Andes** via
MBR Nauen, October 5:

1529-1629 on 13800 NAU Russian/Chechen
(DX Mix-Bulgaria)

Pan American Broadcasting PAB via MBR
Nauen on October 6:

1430-1445 on 15205 English Sun, weak signal
(DX Mix-Bulgaria)

GREECE Voice of Greece in Greek & other 3
langs, September 25:

0650 & 0805 on 9420 AVL Greek*tx#3, good
*Arabic/Serbian/Spanish nx & transmitter
switches off at 0813 (DX Mix-Bulgaria)

GUAM Fair signal of **Adventist World Radio**
in 16mb on September 30:

1030-1100 on 17540 SDA Tagalog Mon-Thu/Sat
1030-1100 on 17730 SDA Ilokano Sun/Fri
(DX Mix-Bulgaria)

GUATEMALA 4055, 26.09.19, 0555-0616*, **Radio
Verdad**, Chiquimula, Rlgs songs in EE+ID
in various languages, NA+S/OFF. Very weak,
better on LSB. 15311. (Manuel Méndez-Spain/
DX Fanzine)

GUINEA 9650, **Radio Guinea**, Conakry, at
*0630-0645 on Sept 20, open with African
songs, at 0633 ID: "Radio Guinee, 24 heures
sur 24, Radio Guinee le grande maison, Radio
Guinee le plus grand du monde", more Afri-
can songs. 35433. (Manuel Mendez-ESP, hcdx
Sept 23/TopNews)

INDIA AIR Stations left on SW. It is for kind
information that 15 AIR stations are still op-
erating on SW, although many others were
discontinued last month. (Jose Jacob-India
VU2JOS, DXindia Sept 6/Worldwide DX Club)
With the exception of the four SW transmit-
ters shown in bold above, most of the other
decommissioned SW transmitters were prob-

ably already inactive as their closure has had little impact on the AIR external services so far. (Dave Kenny-UK/British DX Club)

Reception of **All India Radio AIR** in 25mb on October 8:

1615-1715 on 11560 BGL Russian, fair (DX Mix-Bulgaria)

11560, **All India Radio** (Bengalaru) & 9620 (Aligarh), QSL Card in 80 days. E-mail address: spectrum-manager@air.org.in. (Ivan Zelenyi-Russia/DX Fanzine)

11620, 2130, **AIR** Bangalore excellent in English with comment on freedom in India & Independence, ID, 27/8. (Ken Baird-New Zealand/New Zealand DX Times)

INDIA (GOA) 11740, 0239, **AIR Panaji**, fair with typical Indian music, comment in Pash-to (Tent) 24/8. (Ken Baird-New Zealand/New Zealand DX Times)

IRAN IRIB Tehran tentative English schedule in B-19 season from Oct 27, 2019 to 29 March, 2020:

1520-1620 on 7315 SIR
1920-2020 on 6040 SIR
1920-2020 on 11880 SIR
(Worldwide DX Club)

Winter B-19 frequency changes of **VIRI IRIB PARS TODAY**:

0130-0330 NF 6055 SIR Arabic, ex 7370 B-18
0223-0320 NF 6160 SIR Pashto, ex 7390 B-18
0923-1250 NF 11930 SIR Dari, ex 13740 B-18
1223-1250 NF 17595 SIR Hausa, ex 1123-1150
on 17665
1223-1320 NF 7360 ZAH Pashto, ex 9510 B-18
1423-1520 NF 6010 SIR Hindi, ex 5920 B-18
1423-1520 NF 6150 SIR Bengali, x 6155 B-18

1423-1520 NF 7300 SIR Hindi, ex 9900 B-18
1523-1620 NF 6000 SIR Urdu, ex 5940 B-18
1523-1620 NF 7315 SIR English, ex 5965 B-18
1623-1650 NF 6150 SIR Bengali, ex 6155 B-18
1623-1720 NF 7430 SIR Armenian, x 5945 B-18
1723-1820 NF 6055 SIR German, ex 7425 B-18
1823-1920 NF 7435 SIR Hausa, ex 9850 B-18
(DX Mix-Bulgaria)

ITALY Time Signal Station Italcable, October 7:

from 0730 on 10,000 Italian CUSB, fair (DX Mix-Bulgaria)

JAPAN Radio Nikkei returned to the normal operation. Radio NIKKEI announced that their 1st program returned to the normal operation (50 kW) on September 18. Due to the damage at Nagara transmitter site (Chiba prefecture) by Typhoon No. 15, 1st program on 6055 has been transmit with reduced power between September 10-18. (Takahito Akabayashi, Tokyo, Japan; wwdxc BC-DX TopNews Sept 26)

6115, **Radio Nikke** 6115, Chiba-Nagara, 0648-0710, 17-09, strong carrier, some pop songs and comments detected on LSB. Extremely weak. (Via Manuel Méndez-Spain/New Zealand DX Times)

KOREA (SOUTH) On Oct 1, with some new clandestine frequencies. Thanks very much to the timely alerts from both Hiroshi and Hiroyuki Komatsubara, as to these changes.

Voice of the People, at 1042:

3905 (ex 3910), now clear reception, except some ham QRM. Is unlikely that Pro 1 RRI Merauke (Indonesia) or NBC New Ireland (PNG) will ever return here, but now the frequency is definitely in use.

3475 (ex 3480), now clear reception.
3930, 4450, 6520 no change.
6595 (ex 6600), now clear reception.

Echo of Hope - VOH, at 1037:

3980 (ex 3985), now clear reception, except some ham QRM. English language lesson (1130-1200).

4885, 6250, 9100 unchanged.

5990 (ex 5995), now in the clear, but poor Myanmar on 5985, now has to contend with some QRM from VOH, as well as strong N. Korea jamming QRM from 5980 (against Shio-kaze).

6348 (ex 6350), now clear reception.

Thanks to Martyn Williams, for his interesting website about Korea and also for his comments made today (Oct 1), regarding changes in the Korean clandestine frequencies. (Ron Howard-CA)

On Oct 7, with some changes in the clandestine frequencies.

Voice of the People, at 1044+:

3910 (ex 3905).
3480 (ex 3475).
New 3935 (ex 3930).
4450, no change.
New 6525 (ex 6520).
6600 (ex 6595).

Echo of Hope - VOH, at 1050+:

3985 (ex 3980).
New 4890 (ex 4885).
5995 (ex 5990).
New 6255 (ex 6250).
6350 (ex 6348).

New 9105 (ex 9100). (Ron Howard-CA) North Korea hasn't responded to the changes yet and continues to operate its jamming transmitters on their old frequencies, which means they're sucking up valuable electricity and broadcasting over static. Despite being abandoned by most of the world in favor of satellite and Internet broadcasting, short-wave radio remains a vital technology for groups trying to get uncensored information into North Korea. A handful of stations target North Korea with dedicated programming including Voice of America, Radio Free Asia, KBS and the BBC. During the nighttime, domestic South Korean AM radio stations can also be heard in North Korea. (Martyn Williams/Radio World NewsBytes)

Updated A19 schedule of clandestine broadcasts as of September 30:

Voice of The People 0000-2400 on 3480 Korean

0000-2400 on 3910 Korean
0000-2400 on 3930 Korean
0000-2400 on 4450 Korean
0000-2400 on 6520 Korean
0000-2400 on 6600 Korean
(DX Mix-Bulgaria)

KUWAIT Good signal of **MOI Radio Kuwait** on nominal 15530.0, September 30:

0500-0800 on 15530.0 KBD English, instead of 15529.7 (DX Mix-Bulgaria)

MADAGASCAR B-19 changes of **Madagascar World Voice MWV** from October 27

KNLS New Life Station 1800-1900 NF 9885 Russian tx#2, ex 11885

African Pathways Radio 1800-1900 on 13670 English tx#3-no change

KNLS New Life Station 1900-2000 NF 9845
Russian tx#3, ex 9690

Radio Feda 1900-2000 NF 13670 Arabic tx#2,
ex 11965

African Pathways Radio 2000-2100 on 11965
English tx#3-no change

Radio Feda 2000-2100 on 13710 Arabic tx#2-
no change

The Light of Life 2100-2200 on 11610 Chi-
nese tx#2-no change

Palavra Alegre 2100-2200 NF 9765 Portug.
tx#3, ex 11965

La Voz Alegre 0300-0400 on 6180 Spanish
tx#2-no change

African Pathways Radio 0300-0400 13760
English tx#3, ex 15510

0400-0500 on 11825 English tx#2-no change

The Light of Life 0400-0500 on 17530 Chi-
nese tx#3-no change (DX Mix-Bulgaria)

5009.9, **R. Madagasikara** (presumed). Sep. 1
at 2050-2126 (f/out) in Malagasy(?). SI0242.
Male talk & pops. QRM: utility. (Nagatani-Ja-
pan/Japan Shortwave Club)

9845, **Madagascar World Voice** (Mahajan-
ga), QSL Card in 113 days. E-mail address:
mwradio@gmail.com. (Ivan Zelenyi-Russia/
DX Fanzine)

MYANMAR 5985, **Myanmar Radio**, on Oct 2
(Wednesday), had mostly unusable reception
(1246-1256) of the usually well heard "Learn-
ing English with BBC, Burmese." This due
to strong jamming of pre-Shiokaze on 5980
and also the fairly strong adjacent QRM from

the new frequency for Echo of Hope on 5990.
(Ron Howard-CA)

NEW ZEALAND Reception of **Radio New Zea-
land Pacific** in 31mb on October 5:

0459-0558 on 9700 RAN English, fair/good
(DX Mix-Bulgaria)

NIGERIA 7235, 0610, **Radio Nigeria Kadu-
na** fair in Hausa for West Africa 8/9. (John
Mainland-New Zealand/New Zealand DX
Times) 7254.941, Voice of Nigeria. Today Sept
15 at 0727 a nice S=8 signal in Vernacular
from Abuja site, noted next to Radio Vaticano
Santa Maria di Galeria Suns in Romanian on
7250even. (Via HCDX Wolfgang Bueschel-Ger-
many/New Zealand DX Times)

OMAN Radio Sultanate of Oman is again on
air, September 30 from 1359 on 9620 to WeEu,
but in Arabic, instead of English 14-15. (Ivo
Ivanov-Bulgaria) 1400-1500 on 9620 (October
3) in English as scheduled in summer A-19
from 1500 on 9620 in English, instead of Ar-
abic & continues. (DX Mix-Bulgaria)

Fair signal of **Radio Sultanate of Oman**, Oc-
tober 7:

from 0815 on 13600 THU Arabic
(DX Mix-Bulgaria)

Reception of **Radio Sultanate of Oman** on
9620, October 1:

from 1400 on 9620 THU no signal/tx is off from
1500 on 9620 THU Arabic, good signal
(DX Mix-Bulgaria)

Reception of **Radio Sultanate of Oman** in
English/Arabic on October 3:

till 1500 on 9620 THU English, as scheduled
A-19

1500-1530 on 9620 THU English, instead of Arabic
from 1530 on 9620 THU Arabic, as scheduled
A-19: Something's always wrong at R. Sultanate of Oman Thumrayt transmitting stn! (DX Mix-Bulgaria)

Radio Sultanate of Oman again in wrong language at 1400, October 4:

from 1400 on 9620 THU Arabic, instead of English,
from 1500 on 9620 THU Arabic, as scheduled in A19
Something's always wrong at R. Sultanate of Oman Thumrayt transmitting stn!! (DX Mix-Bulgaria)

Radio Sultanate of Oman RSO in English/Arabic on October 7:

1356-1501 on 9620 THU English, very good
from 1501 on 9620 THU Arabic, very good (DX Mix-Bulgaria)

9440, 0354, **BBC WS** very good in English with Sports (Tony Bower) & special report from Greenland, ID 5/9. (Ken Baird-New Zealand/New Zealand DX Times)

PALAU Good signal of **T8WH World Harvest Radio International**, October 6:

1400-1415 on 9965 Korean Sunday John 17 Ministries
1415-1430 on 9965 Daily vary rlg programs
1430-1630 on 9930 English Sun, good (DX Mix-Bulgaria)

T8WH Angel 3 World Harvest Radio International on October 7:

1200-1300 on 9930 English, good signal (DX Mix-Bulgaria)

PAPUA NEW GUINEA 3260, **NBC Madang** (Maus Blong Garamut), 1211*, Sept 25; usual format. (Ron Howard-CA)

7325, **Wantok Radio Light** (presumed), 1257-1258, Sept 27. Thanks to Hiroyuki Komatsubara (Japan) for his alert; during CRI's brief break, heard a definite weak carrier here, but unable to make out any audio. Assume low power? (Ron Howard-CA)

PAPUA NEW GUINEA (BOUGAINVILLE) 3325, **NBC Bougainville** (Maus Blong Sankamap - Voice of the Sunrise), 1015-1050, Sept 25. Almost all the programs dealing with the upcoming referendum; back on the air after being briefly silent for a few days. (Ron Howard-CA) 3325, NBC Bougainville, 1039+, Oct 4. Clearly off the air today. A very unusual day, as NBC Madang (3260) was also silent, so no NBC stations at all. Due to this rather rare double silence, went online to find out what was happening. Found the following probable explanation for their absence: "PNG Power will be conducting major load shedding and disconnection exercises throughout the country this week." The Oct 2 info is at <http://bit.ly/2InAl16> and specifically mentions "Buka" (Bougainville), as being affected, plus "conducting major disconnection exercise in our cities and towns throughout the country as of this week." (Ron Howard-CA) Oct 5, checking from 1035+, again found no signals from either NBC Madang (3260) nor NBC Bougainville (3325). So another day with no electricity? Only hearing VOI carrier (no audio) on 3325. (Ron Howard-CA) PNG Power will be conducting major load shedding and disconnection exercises throughout the country this week. The decision was made after a thorough analysis by the company showed major dues owed by various large customers. Load shedding will mainly be carried out in areas where PNG Power considers as C classed provincial centres. These centres

include Aitape, Alotau, Arawa, Bialla, Buka, Central, Daru, Finschhafen, Kerema, Kimbe, Kavieng, Lorengau, Maprik, Popondetta, Samarai, Vanimo and Wewak. PNG Power will also be conducting major disconnection exercise in our cities and towns throughout the country as of this week. The company is urging all its commercial and residential customers to ensure that they have paid all their outstanding dues and have no association with the issue of illegal connection. We apologise for any inconvenience this may cause but we also express great appreciation and gratitude to our good loyal customers for their understanding and full cooperation on the load shedding and disconnection exercise. (Douglas Mageo, Acting Chief Executive Officer, PNG Power)

PERU 4774.9, Radio Tarma, Tarma, received email confirmation letter, two PDF files with information of the station and a mp3 file with identification of the station in 17 days for a reception report sent to: gerenciageneral@grupomonteverde.com. (Via HCDX Manuel Méndez-Spain/New Zealand DX Times)

4940, Unidentified station. Arthur Delibert Saturday, September 14, 2019 7:51 PM: Re: [HCDX] Station on 4940? Language is definitely Spanish, but I haven't yet been able to pick out an ID. Lots of QRN! (Via HCDX Arthur Delibert) On 15-09-2019 08:30, Wolfgang Bueschel wrote: DBS #20 by Anker Petersen has this comment: 4940 PRU R San Antonio, Villa Atalaya, Ucayali last heard JUL15 (Via HCDX 73 wb Dear DX-friends, R San Antonio, Atalaya was heard reactivated in Spanish in May 2019 at 2225 on 4940. (Via HCDX Anker Petersen/New Zealand DX Times)

PROPAGATION A Summer Without Sunspots: Could northern summer 2019 go down in history as "the summer without sunspots"? From June 21st until Sept 22nd, the sun was blank

more than 89% of the time. During the entire season only 6 tiny sunspots briefly appeared, often fading so quickly that readers would complain to Spaceweather.com, "you've labeled a sunspot that doesn't exist!" (No, it just disappeared.) Not a single significant solar flare was detected during this period of extreme quiet.

This is a sign that Solar Minimum is underway and probably near its deepest point. For 2019 overall (January through September), the sun has been blank 72% of the time, comparable to annual averages during the century-class Solar Minimum of 2008 (73%) and 2009 (71%). The current Solar Minimum appears to be century-class as well, meaning you have to go back to the beginning of the 20th century to find lulls in solar activity this deep.

Contrary to the sound of it, "Solar Minimum" is not boring. During this phase of the solar cycle, the sun's magnetic field weakens, allowing cosmic rays to enter the solar system. This doses astronauts and possibly air travelers with extra radiation. The sun also dims, especially at extreme ultraviolet wavelengths, causing the upper atmosphere to cool and collapse. Space junk accumulates in Earth orbit as a result. Finally, streams of solar wind punch through the sun's weakening magnetic field, lashing Earth with gaseous material that can cause geomagnetic storms. (One such stream is due later this week on Sept. 27-28.)

Interestingly, the summer of 2019 also brought us a sign that Solar Minimum is coming to an end. One of the numbered sunspots that briefly appeared on July 7th had a reversed magnetic polarity.

According to Hale's Law, sunspots switch polarities from one solar cycle to the next. This

small summertime sunspot was +/- instead of the usual -/+, marking it as a member of the next solar cycle, Solar Cycle 25. Solar Minimum won't last forever!

Solar cycles always mix together at their boundaries. We can expect to see more new-cycle sunspots in the months ahead as Solar Cycle 24 dies out and Solar Cycle 25 slowly comes to life. If forecasters are correct, the next Solar Maximum will be in full swing by 2023. (Spaceweather.com via Ron Hunsicker-PA)

Sorry, still no sunspots. Spaceweather.com reported on September 26 there were no sunspots for over 3 weeks, or 24 consecutive days. Summer transitioned through the Autumnal Equinox last Monday, September 23, and <http://www.spaceweather.com> noted that during the northern Summer more than 89% of the days were spotless. So far in 2019 the spotless days percentage is 72%, equal to what it was in the last solar minimum in 2008 and 2009. Passing the equinox is a good time for HF propagation, even with low solar activity, and this is true whether you are now in Spring in the Southern Hemisphere or Autumn in the Northern. Over the past week (September 19-25) average daily solar flux shifted marginally from 68.1 to 67.3, while average daily planetary A index reflected quiet geomagnetic indices changing from 8.3 to 5.4 and mid-latitude indices went from 8 to 4.6. Predicted solar flux is 67 on September 27 to October 4, and 68 on October 5 through November 10. Predicted planetary A index is 28, 45, and 20 on September 27-29, 12 on September 30 and October 1, 8 on October 2-3, 5 on October 4-5, 12 on October 6, 5 on October 7-9, then 8, 5, 8, 10, 8 and 8 on October 10-15, then 5 on October 16-19, then 12 and 8 on October 20-21, 5 on October 22-24, then 25, 18, 10, 5 and 8 on October 25-29, then 5 on October 30

through November 1, 10 on November 2, 5 on November 3-5, then 8, 5, 8, 10 and 8 on November 6-10. The planetary A index forecast of 28, 45 and 20 on September 27-29 is due to solar wind spewing from a large coronal hole. This is the same hole that gave us the planetary A index of 38 and 45 on August 31 and September 1. Look for it again on October 25-26 after yet another trip around the Sun. Spaceweather.com reported in an email on September 26: "GEOMAGNETIC STORM WARNING: A large hole in the Sun's atmosphere is facing Earth and spewing a stream of solar wind in our direction. NOAA forecasters say there is a chance of moderately-strong G2-class geomagnetic storms when the gaseous material arrives on Sept. 28th. The last such storm in early September produced auroras visible in many northern-tier US states. Visit today's edition of Spaceweather.com for more information and forecasts." (ARRL Web site via Ron Hunsicker-PA)

ROMANIA Winter B-19 changes of Radio Romania International:

- 0000-0056 NF 6040 GAL Spanish, ex 5980 B-18
- 0300-0356 NF 6150 GAL Spanish, ex 6155 B-18
- 0400-0456 NF 9820 TIG English DRM, ex 11790 B-18
- 0400-0456 NF 11790 GAL English, ex 15400 B-18
- 0600-0626NF6040GALFrenchDRM,ex9610B-18
- 0630-0656 NF 6040 GAL English DRM, ex 9770 B-18
- 0700-0726 NF 6175 TIG German DRM, ex 9770 B-18
- 1200-1256NF15460GALEnglishDRM,exAMB-18
- 1200-1256 NF 15600 TIG English, ex 21490 B-18
- 1300-1356 NF 7320 SAF Romanian, ex 9880 B-18
- 1400-1456 NF 5945 TIG Russian, ex 9570

B-18

1400-1456 NF 7445 TIG Russian, ex 7410 B-18

1600-1626 NF 7290 TIG Russian, ex 9800

B-18

1630-1656 NF 7290 TIG Arabic, ex 9585 B-18

1700-1756 NF 6025 TIG French DRM, ex 9870

B-18

2300-2356 NF 6040 GAL English, ex 5980 AM

B-18

2300-2356 NF 6090 TIG English, ex 9620

B-18

(DX Mix-Bulgaria)

I have an important announcement to make. Several listeners have since in early September complains that over the frequencies 7355 and 9570 nothing works. In the beginning we were also at a loss, but in the meantime we have Received feedback from Radiocom, the operator of our shortwave transmitters. Due to a defective part of the transmitters, one of our transmitters is in The town of Tiganești near Bucharest completely failed. That concerns exactly the two frequencies (7355 and 9570) and possibly sometimes also the DRM broadcast. The defective unit is very expensive and will delivered to order, according to Radiocom's announcement, therefore, the failure of the two frequencies will be at least until the end Last September. The morning show can therefore still open 9700 hear, the afternoon broadcast for the time being only on 9600 kHz and the evening program could be completely canceled, although the DRM broadcast is disturbed. We ask for your understanding. In addition, there was a message at the end of August, according to the Short-term broadcasts from RRI completely set for financial reasons should be. We received a corresponding request from several listeners. I can confirm the message, but the danger is for now averted. It has such a push on the part of our director given in past interviews or opinions not exactly sympathetic to RRI. The proposal, the To discontinue short

and medium wave broadcasts due to financial shortages, the Board of Directors of the Radio refused at the beginning of September; at the same time he has called the governing body and the director, the necessary financial means through austerity measures in other areas secure or find alternative sources of funding. Also several Trade unions and journalist associations have criticized the initiative. So for the time being, the broadcasting of our programs continues on shortwave, although currently the frequencies because of the previously mentioned technical Problems are restricted. We thank you in any case for the sympathy and hope to be able to count on your support when the topic setting shortwave are rolled up once again should. (RRI Bucharest, German see letterbox, via Paul Gager-AUT from Vienna, via wwdxc BC-DX TopNews Sept 26)

The Board of the Romanian Radio Society - RRS rejected the proposal of closing down any shortwave or mediumwave broadcasts as well as to disrupt in any way the programming of radio production, instructed the Management Council and the President-General Manager to reduce costs in other areas and the President-General Manager to take all the required measures in order to ensure funding for the society. (Via Cristian Mocanu via bclnews yg Sept 2-2019/New Zealand DX Times)

Reception of **IRRS Radio City** via RADIOCOM Saftica, October 5:

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

9510, **Radio City** via IRRS / Nexus, Saftica, at *0800-0843 on Sept 21, identification: "Radio City, the Station of the Cars, Radio City, la estacion de los autos, Radio Ciudad, la voz de los coches...", pop songs, English,

comments. 45444. (Manuel Mendez-ESP, hcdx Sept 23/TopNews)

RUSSIA *Deutsche Welle* Snubs Russian Duma's Foreign Meddling Panel: German media outlet Deutsche Welle has turned down an invitation to attend Russian lawmakers' hearings on alleged foreign interference over this summer's anti-government protests, saying its journalism standards make such meddling impossible. Weeks of demonstrations over elections for the Moscow city legislature have become the biggest sustained protest movement in Russia since 2011-2013. Recent polling has shown that a majority of Russians don't believe in the authorities' claim that Western powers are to blame for election protests in Moscow this summer. (Moscow Times via Radio World)

In September, Russian broadcasting authorities for Chukhotkha began DRM test transmissions from Komsomolsk na Amur on at least one frequency (12025), with two others (11615 & 15735) also listed but not heard. The tests so far are a bit sporadic, but generally found on local weekdays. Programming material currently consists of music, mostly instrumental, with no ID heard or seen. DreaM shows no broadcaster header, only "---" and "Other Language" so if you see that, you're golden! The Chukhotkha Region is the very Far East portion of the Russian Federation, just across the Bering Sea from the state of Alaska. The time zone is GMT +12, and you can't get any further "east" than that. The very small population is widely dispersed across a vast area, and is ill-served by the few existing broadcast stations, most of which appear to be FM, with no MW or LW listed now. The current transmissions are listed as using just 25 kilowatts. The antenna array is directional, with the beam heading 34 degrees true. (Brendan Wahl-WA/DRMNA)

Fair signal of **GTRK Adygeya/Adygeyan Radio**, October 7:

1800-1900 on 6000 ARM Ad/Ar/Tu Mon
(DX Mix-Bulgaria)

SÃO TOMÉ 15460, **Radio Studio 7/Voice of America** via Pinheira, F/D e-QSL in 8 days. E-mail: qsl@usagm.gov. (Roberto Pavanello-Italy/DX Fanzine)

SOLOMON ISLANDS 9545, **SIBC**, 0449 till cut off at 0459*, Sept 26. Finally strong enough to be able to ID one of their songs, with distinctive "Shallow," by Lady Gaga & Bradley Cooper; cut off time is via timer (always the same time). (Ron Howard-CA)

SOUTH AFRICA Retirement of **TWR's** Shortwave Service to South Africa: Due to changes to the media landscape and subsequent decline in demand for shortwave radio broadcasts in South Africa, TWR will be reducing our English morning broadcasts in the 49, 60 and 90 metre bands on October 27th - *followed by a retirement of these broadcasts on December 31st. We thank God for the impact these broadcasts have had over the last 45 years and wish to remind listeners that you can still enjoy listening to TWR's English programmes on Satellite (DStv Audio Ch 855), Medium Wave (1170 AM from 8PM CAT) and via our TWR Africa App and TWR Africa Website. For any assistance, or to request our new reduced English SW schedule, please reply to this email, and we will gladly assist you. news@twrafrica.org. (Ed Kusalik-AL/DXplorer)

SRI LANKA All shortwave transmissions are via Trincomalee, Sri Lanka. The following is the schedule for the **SLBC External Services**:

0115-0130 on 11905 Bengali
0130-0230 on 11905 Hindi

1115-1215 on 9720 Hindi/Malayalam/Tamil/
Telugu
1630-1830 on 11750 Sinhala
1700-1800 on 11835 Tamil
(SLBC)

Reception of **Sri Lanka Broadcasting Corporation** in 25mb, October 8:

1630-1830 on 11750 TRM Sinhala City FM,
good signal (DX Mix-Bulgaria)

Reception of **Sri Lanka Broadcasting Corporation** in 25mb, October 5:

1700-1800 on 11835 TRM Tamil Thendral FM,
fair signal (DX Mix-Bulgaria)

SUDAN 9505, **Voice of Africa**, Al Aitahab,
1707-1733, 10-09, French, comments, ID "La
Voix de L'Afrique", at 1715 English, ID "This is
the Voice of Africa, from Sudan Radio", news
and comments. QRM on 9500. 32432 (Manuel
Méndez-Spain/Shortwave Bulletin)

THAILAND 9310, **Deewa Radio/Voice of
America** via Udon Thani, F/D e-QSL in 4
days. E-mail: qsl@usagm.gov. (Roberto Pa-
vanello-Italy/DX Fanzine)

TURKEY TRT Ankara Emirler requested fre-
quencies. A-19 Shortwave Frequency List
Sept 20, 2019 0100 Day 1 = Sunday.

9735 0000-0155 Turkish Emirler 1-7
7260 0050-0155 Spanish Emirler 1-7
9870 0100-0155 Spanish Emirler 1-7
9465 0200-0255 Uyg Emirler 1-7
9515 0255-0355 English Emirler 1-7
6165 0300-0355 English Emirler 1-7
17720 0400-0455 Mal Emirler 1-7
6040 0400-0555 Turkish Emirler 1-7
11980 0400-0557Tur Emirler 1-7
13765 0500-0655 Hau Emirler 1-7
11750 0600-0855 Tur Emirler 1-7

11675 0600-1155 Tur Emirler 1-7
11955 alt. 0600-1155 Tur Emirler 1-7
13635 0600-1255 Tur Emirler 1-7
13765 0655-0755 Swa Emirler 1-7
11730 0656-0755 Aze Emirler 1-7
11795 0830-0955 Per Emirler 1-7
11750 0900-0955 Ara Emirler 1-7
9855 1000-1025 Tat Emirler 1-7
9655 1000-1055 Geo Emirler 1-7
13650 1030-1055 Uzb Emirler 1-7
7210 1100-1125 Bul Emirler 1-7
15240 1100-1155 Chi Emirler 1-7
13760 1130-1225 Ger Emirler 1-7
11990 1200-1225 Tur Emirler 1-7
13710 1200-1255 Urd Emirler 1-7
15410 1230-1325 Uyg Emirler 1-7
15450 1230-1325 Eng Emirler 1-7
11965 1255-1355 Rus Emirler 1-7
9840 1300-1555 Tur Emirler 1-7
11825 1330-1355 Kaz Emirler 1-7
9610 1400-1425 Ita Emirler 1-7
9540 1400-1455 Ara Emirler 1-7
17770 1400-1455 Ara Emirler 1-7
11765 1500-1530 Dar Emirler 1-7
9765 1500-1555 Per Emirler 1-7
11765 1530-1600 Pas Emirler 1-7
9505 1530-1625 Aze Emirler 1-7
9460 1550-2055 Tur Emirler 1-7
11765 1600-1625 Uzb Emirler 1-7
5960 1600-2055 Tur Emirler 1-7
11930 1630-1725 Spa Emirler 1-7
15520 1630-1725 Eng Emirler 1-7
7360 1730-1825 Fre Emirler 1-7
9840 1730-1825 Ger Emirler 1-7
5945 1830-1925 Eng Emirler 1-7
9635 1930-2025 Fre Emirler 1-7
11615 1930-2025 Fre Emirler 1-7
9620 2030-2125 Eng Emirler 1-7
9830 2200-2300 English Emirler 1-7
(Aoki Nagoya Japan database, A-19 season
Sept 20/TopNews)

Voice of Turkey are having problems with
some of their transmitters, some frequen-
cies have been off channel, missing or even

on the wrong frequency recently. (Monitoring reports by Bulgarian DX Blog, Wolfgang Bueschel-Germany/British DX Club)

UNITED ARAB EMIRATES Trans World Radio Africa via ENG-DMS Al-Dhabayya, October 6:

1300-1315 on 17680 Afar Thu-Sun, fair/good (DX Mix-Bulgaria)

USA Fair signal of **Alameda Bible Fellowship** via **WRMI-09**, October 7:

1330-1400 on 15770 English Mon/Wed/Fri (DX Mix-Bulgaria)

WBCQ-6 "Superstation" 9330. Noted testing on 25th Sept. Monitored from 1930 past 2100 pop/rock music with brief IDs on top of hour. Good level dropping to fair by 2100. (Editor/New Zealand DX Times) WBCQ tested their new 500 kW transmitter on 9330 on 23-24 September. It was heard with a very strong signal carrying continuous rock music, including relays of WBCQ's "Classic Country "Kixx FM" in the overnight period. Good reception continued right through the daytime of 24 September it was even audible at mid-day in both the UK and Germany. (Thanks to observation by Alan Pennington, Jordan Heyburn and Harald Kuhl via BDXC-News/British DX Club)

Frequency change of **WHRI Angel 1** in English from October 6:

1400-1500 NF 21610 English Sunday, ex 17815

1500-1600 NF 21610 English Sat/Sun, ex 17815

1600-1800 NF 21610 English Daily, ex 17815

1800-1900 NF 21610 English Sat/Sun, ex 17815

1900-2000 NF 21610 English Sunday, ex 17815

2000-2100 NF 21610 English Mon-Sat, ex 17815 (DX Mix-Bulgaria)

UZBEKISTAN Tashkent Shortwave Transmitting Station sent me a verification "thanks" letter in Russian for my reception report in Russian, enclosing \$1, of their official shortwave relay after 37 days via international courier. The letter was issued and signed by Technical Director Mr. M. Tyrgynov. Address: Tashkent Shortwave Transmitting Station, c/o RRTM Amir Timur str. 109 "A", Tashkent, 100202 Uzbekistan, Central Asia. E-mail: qabulhona@crmt.uz. URL: <http://www.crmt.uz>. In Uzbekistan, only new and clear dollars are accepted. Tashkent Shortwave Transmitting station can be easily seen from the train window from Samarkand to Tashkent at the northern side, about 5 minutes before reaching Tashkent terminal. (Takahito Akabayashi-Japan via wwdxc BC-DX TopNews Oct 8)

Trans World Radio India via RRTM Telecom Tashkent, October 4:

1545-1600 on 6240 Kazakh, fair signal + QRM STANAG (DX Mix-Bulgaria)

9580, **Adventist World Radio** via Tashkent, F/D QSL card in 44 days. E-mail: qsl@awr.org. (Jürgen Waga-Germany/DX Fanzine)

VANUATU With the support of the Government of Vanuatu, the Vanuatu Broadcasting & Television Corporation (VBTC) has begun work this month on a 942 million vatu (US\$8.1m) infrastructure upgrade for new shortwave and medium wave service to improve radio throughout Vanuatu. The first phase involves the design, installation and commissioning of a new shortwave (HF) and medium wave (MF) service for Radio Vanuatu. Costing for phase one will be in excess of 242 million vatu (US\$2.2m) and is funded by the

Government. Following the improvements to shortwave and medium wave services, VBTC will also undertake technical work to strengthen the coverage and reliability of its FM services. A 10kw MF Nautel transmitter imported out of Canada and a 10kw HF transmitter manufactured by Hanjin Electronics of South Korea will be installed at VBTC's major public service transmission site at Enten Lagoon on Efate. Both transmitters will be commissioned before the end of 2019. The Government of Australia funded the scoping study for the radio upgrade project and is providing funding support to implement the strategic reform programme of VBTC. The shortwave service, which will be commissioned before the end of this year, will provide national radio coverage to the 82 islands spread spanning 1,300 kilometres. Alongside the infrastructure upgrade, is an extensive programme to strengthen the technical capacity of Vanuatu's broadcast technicians along with a long-term maintenance regime to expand the life of the equipment. (The SWLing Post via Ralph Perry-IL) Radio Vanuatu website continues to show shortwave frequencies 3945 (night time) and 7260 (day time). They hope to go to air testing at least in November. (Wolfgang Bueschel-Germany/TopNews) Vanuatu has not been heard on its SW frequencies of 3945 and 7260 for some time. (Dave Kenny-UK/British DX Club)

VATICAN Voice of America via SM di Galeria in 16mb, October 5:

1100-1130 on 17540 French Sat, very good (DX Mix-Bulgaria)

VIETNAM 7155.0, **VOV**, on Sept 27, heard an interesting situation here at 1304. Clearly

TWO stations mixing together; one stronger signal in Chinese (// 7220) and a much weaker underneath (// 7285); first time I have heard them both together. Thanks very much to Glenn, who last year pointed out: "7285 at 1300-1330 in French, 7220 at same time in Chinese: 7285 leapfrog over 7220 another 65 kHz below lands on 7155". (Ron Howard-CA)

ZAMBIA 5915, R. One/ZNBC1, started sometime between 0315 to 0322, Oct 3. African pop music; 0331-0359, call-in show in vernacular; 0359-0403, series of commercial announcements; ID for "Radio One"; followed by announcers chatting; 0413-0420, long promo for the often heard GOtv, starting and ending in English, but mostly in vernacular; 0420, African Fish Eagle and music before the news; last checked at 0445 to find them off the air; a day with decent reception and another day operating less than 24 hours. (Ron Howard-CA) 5915 is very erratic as to broadcasting times. Varies a lot day-to-day. Sometimes they start early (before 0230?), but then are usually gone about 0400? Other days is the reverse schedule. A very hit-or-miss schedule. (Ron Howard-CA)

ZANZIBAR 6015, **ZBC** Radio, 0330, Sept 26. Open carrier; at 0333, audio suddenly started; usual format. (Ron Howard-CA)

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



Pirate Radio Report

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

First, your editor has to apologize for missing the last couple of columns. There were multiple reasons for that, none of which could be avoided. The main problem was that my old Vista computer died. It took almost a couple of months to get a new Windows 10 computer sort of operating. So, since I had no internet access for a couple of months, no Pirate Radio Report materialized unfortunately.

Shortwave pirate broadcasting continued at a very brisk pace once again during the past couple of months. Pirate broadcasting inevitably increases around major North American holidays. The main holiday in November this year, the USA Thanksgiving Day, falls on Thursday, November 28. In addition, Monday November 11 is Veteran's Day this year. Thus, increased shortwave pirate broadcasting will result on both Veteran's Day and the weekend following Thanksgiving Day. A major upside this month is that darkness propagation paths are finally improving to winter propagation conditions. Seasonal static levels on the shortwave bands therefore decline as thunderstorm-generated static QRN diminishes.

Our Executive Director Rich D'Angelo, while travelling in Europe, points out that a new book is available with plenty of interesting information about pioneering Europirate Radio Caroline. "The Radio Caroline Bible," by Paul Rusling provides a comprehensive history of this station. The 508 page book is published by World of Books. For additional details try typing "Radio Caroline Bible" into Google.

This month we have no 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. As of the end of October, 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 on multiple issues, including ongoing Trade Wars and fairly frequent drastic declines in the stock and bond markets. 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. Congressional action on many items remains currently stymied by virtually daily squabbles between the Congress and President Trump related to the impeachment investigations, all of which are largely unrelated to the Pirate Act.

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. Some recent FM busts continued to be of both pirate operators and their landlords. Once again this month the FCC appears to have issued no citations to shortwave pirates in the United States, despite dozens of such actions against FM pirates. None of the proposed \$2 million fines have yet been assessed. 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.

Anti-Trump R. 6923L 2343-2359* 10/8/19 fair. Prgm of pop and country mx plus unsuccessful attempts at QSOs w/other pirates. (Hauser-OK)

Clever Name R. 6924 2034-2119* 10/12/19 good. Prgm of rock and electronic mx plus unsuccessful attempts at QSOs w/other pirates. (Montney-MI)

Clever Name R. 6900t 2034-2119* 10/17/19 very powerful. Prgm of rock mx. ID hard to copy despite big signal, but many others had this ID. (Hauser-OK)

CQ R. 6924 2204-2338 10/12/19 good. Prgm of classic rock mx mixed with promo anmts of forthcoming Halloween bcsts. (Montney-MI)

Damn Skippy 6925L 0132-0229* 10/20/19 poor to occasionally fair. Prgm of various SSTV images mixed w/OM tlk. SSTV squirrel w/Damn Skippy logo image at close. (Taylor-WI)

Skunk House R. 6951U 2146-3300 10/20/19 fair. Beatles and other classic rock mx, said bcsting from an Enchanted Isle. (Taylor-WI)


Wolverine R. 6950 0017-0123 10/13/19 good. Prgm of classic rock and jazz mx. SSTV Wolverine R. image at close. (Taylor-WI)

Wolverine R. 6950 0126-0113 10/13/19 S9. Prgm of classic rock mx w/SSTV image at close. (Hauser-OK)

WTF R. 6960 2349-0000 10/12/19 fair. Prgm of rock mx w/numbers groups recited between songs. (Taylor-WI)



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. 

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

RAVE ON RADIO

6925 USB

The "Tribute to Earl Scruggs" show
"Broadcasting from a studio in the woods"



Broadcast Date: April 2, 2012

Broadcast Time: 0030-0111 UTC

To: Chris Lobdell

Please note: Since last month we have received no QSLs to report to you so I kind of thought we would continue where we left off last time.

My verie first QSL

My verie first international band QSL was from OZF5 Radio Denmark on 9520 kHz. It was logged and verified in May of 1958. Since that time an additional 14,808 QSLs have been collected on the international shortwave bands. The DX bug sure took a big bite out of my ass! Out of these QSLs a total of 4,177 are from different stations.

Naturally I have verified the same station many times on the same frequency. For example Radio Moscow from Armavir have been verified some 60 times on 20 different frequencies and over a dozen times on one frequency. I have never used Email as a way of obtaining a QSL. I guess I'm kind of old fashioned. I really enjoyed waiting for the mail man each day and opening that letter from some far off land. Besides it helped my stamp collecting hobby. This led to my major in college being geography. Somehow I got the idea that the ultimate culmination of logging a station was to verify it. That was the end result of a successful logging. So that is what I did. Kind of crazy now that I think about it but that was the way I looked at it.

My mom didn't throw them out..I left them

We have all done some really stupid things in our life but this one takes the cake. My parents got divorced during my freshman year in college. Not very unusual but what came next was really dopey on my part. When my dad sold the house I left two peach baskets full of baseball cards in the attic. I also left a two foot tall pile of comic books. They were all from the early 50's to the late 50s. I can remember Mickey Mantles, Ted Williams, Jackie Robinson, etc. The former Yankee pitcher Spec Shea was a neighbor of



Radio Free Asia

We are pleased to verify your reception of our

Tibetan program on
Ma-chi 2012 at
2202-2300 UTC on
9.835 kHz.

Xmtr: IBB Kuwait IBB Tinian Asia
 IBB Saipan IBB Sri Lanka Other
 IBB Biblis IBB Lampertheim

Thank you for your interest in our programming; further reception reports are always welcomed.

Sincerely,
Your friends at Radio Free Asia

FRONT: Commemorating the 25th annual SWL Festival, Plymouth Meeting, Pennsylvania, United States, from March 1-3, 2012. Sponsored by NASWA, it covers shortwave, mediumwave (AM), scanning, satellite TV, pirate broadcasting and more. This card is issued for all confirmed reception reports for March 2012. Please continue to send your reception reports to us via www.techweb.rfa.org or by email to qsl@rfa.org.

Radio Free Asia Radio Free Asia Radio Free Asia

Chris Lobdell
Box 80146
Stoneham, MA 02180
USA

REPUBLIQUE DE HAUTE-VOLTA
Unité - Travail - Justice

MINISTERE DE L'INFORMATION

RADIODIFFUSION TELEVISION VOLTAIQUE

BP 7029 - Ouagadougou -



Nous avons le plaisir de confirmer
votre rapport d'écoute

du : 18/06/85 de 23⁴⁸ h à 00⁰⁰ h GMT.

Notre station émet aux heures GMT.

mine. He brought me an autographed baseball with all original signatures on it. You guessed it right folks I left this also. If I took all this stuff with me and sold it in the late 80s or very early 90s were talking in the six figures. Maybe much more. Bit have heart...I took my QSLs! Rally smart move Einstein.

My big break

In late 1977 I replaced Bill Oliver as the QSL Editor for the North American Shortwave Association. That comes to 42 years of complying the QSL Column. In the early years I had a limit of 8 pages per month. We always meet our quota. As a matter of fact I had a pile of QSLs left over for the following months Column. A few years ago during a club reorganization I was cut to 3 pages. Now I'm verie lucky to fill one page. Experience has taught me that it takes about 5 or 6 QSLs to fill

STATION NOTES: Thunderbird

Radio 5835 Addr: Postfach 101145, DE-99801 Eisenach, Germany. **Radio Merlin International** Email: radiomerlin@blueyonder.co.uk **Radio Rainbow** 3930 Email: radiorainbow@hotmail.com **Laser Hot Hits** 4026 Email: studio@laserhithits.co.uk **Radio Vaticana** 17520 via **Talata Volondry** Addr: 00120 Citta del Vaticano **Baltic Sea Radio** 6915

Email: balticseapirate@gmail.com v/s DJ Sailor. **BNL Rock Radio** 6085 via **700 Kall Krekal** Email: bnriradio@hotmail.be v/s Hans-Peter Dohmen. **European Music Radio** 6005 via **700 Kall Krekal** Email: studio@emr.org.uk **Mustang Radio** 6420 Email: mustangradio@live.nl **Python Radio** 6915 Email: python@pirateradio.at...Via PLAY DX....Sam.

THE INVESTMENT CHANNEL

thanks you for your reception report on their transmission from the Meyerton Transmitting Station
26535 28E08

Date: 26.4.97 Time (UTC) 02:01

Frequency..... 6160.....kHz

SENTECH

(Pty) Limited
Private Bag X06
Honeydew 2040
South Africa

Repro Consultants cc

Kathy Otto

Sunset at an FM Transmitting Station

Samuel Barts

47 Prospect Place

Bristol, CT 06010

USA

one page. In the past three months I've only received 2 QSLs. What is

going on? Have we all gone somewhere else or have many off us just lost interest? Prior to taking over the QSL Column I was for several years an Editor for the old Newark News Radio Club. I guess I've been an Editor for nearly 50 years or so. I have loved every moment of it and would not change a thing.

We will continue down memory lane next month with some more interesting tid bits. See you then...Sam

Sam B.

Date: 14th February 1978

Dear Listener,

Thank you very much for your report of 10th September 1977 at 2250 - 2306 hrs G.M.T. I am happy to confirm that transmission on 3396 kHz was from our Home Service transmitter stationed at...Kaduna....

We also welcome report on our External Service transmitters whose frequencies are 15120KHZ and 7275 KHZ for further information enclosed is a copy of our current programme schedule.

Thank you for the interest.

Yours faithfully,

for the Chief Engineer

Contributors' Page

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Rick BARTON, Sun City, AZ

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

Eric BUENEMAN, Hazelwood, MO

Also Sioux Passage Cty Park & Marias Temps Clair Conservative Area for DXpeditions. Yae-su FRG-7, Sangean ATS-803A, National NC-60 Special, Tescun PL-600, Apex 303WA-2 vertical antenna, 150' homebrew dipole, 30' longwire

Ed CICHOREK, Somerset, NJ

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

Rich D'ANGELO, Wyomissing, PA

Ten-Tec RX-340, Drake R8B, Eton E1, Eton E5, Alpha Delta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4

Mick DELMAGE, Sherwood Park, ALB

Perseus SDR, Wellbrook ALA-100

Andre FREDETTE, Oakville, ONT

JRC NRD 535D PAR ES-SWL 65 ft. antenna, Grove minituner 3

Glenn HAUSER, OK

No equipment listed

Vince HENLEY, Anacortes, WA

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

Ron HUNSICKER, PA

No equipment listed

William MCGUIRE, CheverlyMD

No equipment listed

Ralph PERRY, IL


No equipment listed

David TURNICK, Sinking Spring, PA

Ten-Tec RX-340, Wellbrook Loop

Jim WIDNER, Dayton, OH

Hammarlund HQ-129X with longwire antenna.

Tecsun P660, RSP2 SDR running SDRuno on HP Laptop and mini-whip antenna. 

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.

Loggings

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

- 2850 **NORTH KOREA KCBS** 9/23 at 1230, sappy-soppy patriotic vocal music - F/G (Barton-AZ)
- 3320 **NORTH KOREA Pyongyang** B. S. at 1030, w/ sappy sentimental patriotic music. Much better rx than we have had here in a long time - 35444 Barton-AZ
- 3330 **CANADA CHU** Ottawa, ON – 9/14 2331 noted with time signals, “CHU Canada” IDs in French on odd numbered minutes, English on even numbered minutes, time checks in English and French. SIO 333. (Bueneman-SPDX)
- 3925 **JAPAN Radio Nikkei Program One** 9/21 at 1230. Piano music, some Japanese male pop vocal, 70s Scottish pop band Pilot, M and W presenters in Japanese - Poor/Fair Barton-AZ
- 3945 **JAPAN Radio Nikkei Program 2** on 9/25 at 1200. Japanese pop vocals, but thrown into the mix, Sergio Mendez Brazil 66 music - (Barton-AZ)
- 4055 **GUATEMALA Radio Verdad** at 0458 UTC Sept 21 in English with “Many Good Blessings” given. The schedule at 0601 UTC. Fair (Delmage, AB)
- 4055 **GUATEMALA Radio Verdad** 9/19 1130 W speaking over vibraphone music with accented English, ID. Then, religious choral music and marimba - VG (Barton-AZ)
- 4765 **CUBA Radio Progreso** via Bejucal – 9/7 0054 noted with Salsa music, ID and announcements in Spanish. SIO 323. (Bueneman-MTCDX)
- 4885 **UNIDENTIFIED** October 5, 2019, 1527 – 1537. SIO 232. YLs in conversation with either PP or SS. Poor listening. Could not hear well enough for a positive ID. It’s likely Radio Clube do Para” from Brazil, but that’s just an educated guess. Poor and noisy signal. (Henley, WA)
- 4885 **BRAZIL Radio Clube do Pará** ZYG362 Belém, Pará – 9/15 0022 noted with talk and pop music in Portuguese. SIO 222. (Bueneman-SPDX)
- 4900 **CHINA Voice of the Strait** 9/18 1200. Pop music, M and W in Chinese dialogue. Also up the dial, not //, with piano music, female vocalist, on 4940 - F/G (Barton-AZ)
- 5010 **UNITED STATES WRMI** Okeechobee, FL – 9/10 0125 noted with talk programs in Spanish and legal ID in English. SIO 323. (Bueneman-MO)
- 5010 **UNITED STATES WRMI** Okeechobee, FL – 9/14 2333 noted with anti-Cuban government talk in Spanish. SIO 323. (Bueneman-SPDX)

- 5025 **CUBA *Radio Rebelde*** CMBA Bauta – 9/7 0108 noted with a long speech in Spanish. SIO 333. (Bueneman-MTCDX)
- 5050 **UNITED STATES *WWRB*** Morrison, TN – 9/14 2335 noted with a church remote fed via low-quality telephone line in English. SIO 444. (Bueneman-SPDX)
- 5085 **UNITED STATES *WTWW*** Lebanon, TN – 9/7 0109 noted with pop oldies, description of music played and talk on Bo Diddley in English. SIO 444. (Bueneman-MTCDX)
- 5885 **PHILIPPINES *Voice of America*** in Burmese relay via Tinang. October 4, 2019, 1431 – 1435. SIO 444. Good signal. YL and OM commentators. (Henley, WA)
- 5915 **MYANMAR *Myana Radio*** in Burmese. October 4, 2019, 1436 – 1443. SIO 343. YL in Burmese alternating with OM. East Asian MX. OM with talk follows. (Henley, WA)
- 5950 **OMAN *BBC*** in EE relay via A'Seela. October 5, 2019, 1540 – 1550. SIO 343. (Henley, WA)
- 5955 **CHINA *China Radio Int'l*** in EE. October 4, 2019, 1444 – 1449. SIO 333. Discussion in EE, multiple OMs and YLs. Listed target is East Asia. Discussion of automobile ownership in China and their effect on congestion in cities like Shanghai and Beijing. Talk of public versus private transport. (Henley, WA)
- 5965 **CHINA *China Radio Int'l*** in KK. October 4, 2019, 1450 – 1457. SIO 444. Language lesson in KK / CC. OM and YL instructors. YL and MX after language lesson. Long monologue. Sign-off and off air by 1457. (Henley, WA)
- 5975 **AUSTRIA *Radio Japan***-NHK World via Moosbrunn – 9/22 0500 noted with ID, news and listener letters in English. SIO 333. (Bueneman-MO)
- 5980 **UNITED STATES *Radio-TV Martí*** – 9/10 0200 noted with ID, news headlines and detailed news in Spanish. SIO 555 with no Cuban jamming. (Bueneman-MO)
- 5995 **MALI *Radio Mali*** 23:01 GMT sub-Sharan music, beautiful, drums, flute and singing. Very clear with very little fading. Man talking in local patois. SIO 544 10/02 (Fredette-ON)
- 5995 **MALI *RTV*** du Mali. 2315-2330 Oct. 5. French OM Announcer. SIO 444. (Widner-OH)
- 6005 **ASCENSION ISLAND *BBC relay*** 9/26 0600 noted with BBC World Service ID, preview of upcoming transmission into news in English. SIO 323. (Bueneman-MO)
- 6015 **ROMANIA *Radio Romania Int'l*** via Tiganesti – 9/26 0540 noted with talk in English; SIO 323. (Bueneman-MO)
- 6030 **UNITED STATES *Radio Martí*** – 9/10 0453 noted with “Radio Martí” ID into promos in Spanish. SIO 555 with no Cuban jamming. (Bueneman-MO)

- 6040 **ROMANIA Radio Romania Int'l** via Tiganesti – 9/15 0027 noted with talk on Romanian art in English. SIO 444. (Bueneman-SPDX)
- 6040 **JAPAN (OPPOSITION/CLANDESTINE) Shiokaze Sea Breeze 10/8** at 1330. W in Japanese over piano music soundbed and DPRK beeper jammer - Fair/Good Barton-AZ
- 6050 **ECUADOR HCJB**, 0003, 9-19-19. Male vocals in listed Cofan language. Talk at 0006. 9S signal. (Cichorek-NJ)
- 6055 **GUAM KTWR** at 1613 UTC Sept 23 in Japanese followed by song “How Great Is His Love” by Lee Ji Eon. English ID at 1616 UTC sign off. Fair (Delmage, AB)
- 6070 **CANADA CFRX**, 1241, 9-26-19. Talk program with local author and politician. String of ads and aggressive sounding Honda ad. SIO444. (Cichorek-NJ)
- 6070 **JAPAN Shiokaze/Sea Breeze** (Opposition/Clandestine) 9/27 at 1330, w/ woman in Korean over familiar music and sound effects. Today is first time we’ve heard DPRK”beeper jammer” here. SINPO 45434 (Barton-AZ)
- 6080 **BRAZIL Radio Marumby ZYE726** Curitiba, Parana – 9/10 0220 noted with Brazilian music, talk, ID and mention of Curitiba in Portuguese. SIO 323. (Bueneman-MO)
- 6080 **ROMANIA Radio Romania** Int'l via Tiganesti – 9/21 0240 noted with discussions in Spanish into pop music. SIO 333. (Bueneman-MO)
- 6100 **CUBA Radio Habana Cuba** 6100, Oct 8 at 0556, RHC English at S9+10, but undermodulated; remains best of the sorry lot, as 6165 is JBA carrier, 6000 is S9 but just barely modulated; and 5040 is off already. Something’s always wrong at RHC (Hauser- OK)
- 6105 **FRANCE NHK World** via Issoudun – 9/10 0211 noted with discussion in Japanese. SIO 545. Also noted 9/21 0250 noted with a feature in Japanese. SIO 444. (Bueneman-MO)
- 6115 **JAPAN Radio Nikkei 2** – 9/12 0825 noted with U.S. and Japanese pop music, promos and ID at 0859 in Japanese. SIO 323. (Bueneman-MO)
- 6155 **AUSTRIA ORF-1** via Moosbrunn – 9/13 0510 noted with news analysis in German. SIO 323. (Bueneman-MO)
- 6170 **NEW ZEALAND RNZI** in EE. October 4, 2019, 1503 – 1545. SIO 555. Caution about new measles outbreak. Sports results. “RNZ National” WX report and forecasts around the islands. Talk program follows. OMs and YLs in a political discussion about Trump / Biden / Ukraine matter. Increasing QRN, with signal deteriorating after 1535. (Henley, WA)

6170 **NEW ZEALAND RNZI 9/25** at 1430 man woman, female pop vocal music program. The only complaint I have is that they don't repeat the name of the artists enough during featured artist/interview programs - Armchair (Barton-AZ)

6185 **MEXICO Radio Educación** XEPPM Mexico City, DF – 9/7 0045 noted with Mariachi music and announcements in Spanish. SIO 323. (Bueneman-MTCDX)

6185 **MEXICO Radio Educación** at 0423 UTC October 8 in Spanish with usual romantic music. Very Good (Delmage, AB)

6935 **UNITED STATES (PIRATE) Wolverine Radio** – 9/14 2352 noted with “Wolverine Radio” ID in English into a 1920s Jazz selection. Good signal in USB. (Bueneman-SPDX)

7255 **NIGERIA Voice of Nigeria** – 9/21 0613 noted with news and analysis in Hausa. SIO 333 with low modulation. (Bueneman-M0)

7315 **UNITED STATES Voice of Vietnam** via WHRI – 9/1 0132 noted with interview, commentary and light vocal music in Vietnamese. SIO 545. (Bueneman-M0)

7315 **UNITED STATES WHRI** Cypress Creek, SC – 9/10 0203 noted with USA Radio News, WHR promos, “World Harvest Radio” ID into Contemporary Christian music in English. SIO 555. (Bueneman-M0)

7325 **CHINA. China Radio Int'l** in EE. October 4, 2019, 1548 – 1553. SIO 444. Listed target is SEA. Discussion of Chinese family economics – income and expense, savings, etc. YLs in talk. Discussion of rural versus urban families and their economies. Heavy QRN. (Henley, WA)

7345 **UNITED KINGDOM BBC** relay Woofferton – 9/26 0527 noted with talk in U.K. alcoholic beverage consumption in English. SIO 434. (Bueneman-M0)

7355 **SINGAPORE BBC World Service** opening 10/6 at 1530 opening in Korean dialogue with two women, some BBC identifiers - VG Barton-Z

7365 **THAILAND Voice of America** in KK relay via Undon Thani. October 2, 2019, 2000 – 2005. SIO 434. OM with commentary in KK. YL with commentary follows. Heavy QRN, listenable with difficulty. (Henley, WA)

7375 **BOTSWANA Voice of America** relay Mopeng Hill – 9/23 0434 noted with interview, ID and story on the Hong Kong riots in English. SIO 444. (Bueneman-M0)

7380 **CUBA Radio Havana Cuba** via La Habana – 9/14 2355 noted with instrumental music and talk in Portuguese. SIO 444 until WHRI turned on 7385 kHz at 2358. (Bueneman-SPDX)

7385 **UNITED STATES WHRI** Cypress Creek, SC – 9/15 0000 noted with sign-on announcement into Christian teaching program in English. SIO 555. (Bueneman-SPDX)

7395 **CHINA *China Radio Int'l*** via Urumqi Hutubi at 1539 UTC Oct 12 with the weekend edition of Today, about gun control in the USA. Very Good (Delmage, AB)

7410 **CHINA *China Radio Int'l*** in JJ. October 4, 2019, 1555 – 1600. SIO 555. YL speaking in JJ. CRI ID given in JJ. Off air and carrier gone at 1600. (Henley, WA)

7420 **ROMANIA *Radio Romania Int'l*** via Galbeni – 9/1 0150 noted with Classical music and talk in Romanian. SIO 333. (Bueneman-MO)

7420 **ROMANIA *Radio Romania Int'l*** via Galbeni – 9/15 0006 noted with pop music in English, ID in Spanish. Romanian is scheduled at this time. SIO 444. (Bueneman-SPDX)

7465 **SINGAPORE *BBC*** in Dari relay via Kranji. October 4, 2019, 1601 – 1611. SIO 555. BBC to Afghanistan. OM news reader. Mention of Hong Kong unrest, USA politics. YL and YL youth in talk as a news item. OM with telephone interview follows. (Henley, WA)

7465 **SINGAPORE *BBCWS*** 9/27 at 1400. Current events pgm in (listed) Dari w/ M, W, short audio clips - VG Barton-AZ

7505 **UNITED STATES *WRNO*** religious broadcast in EE. September 30, 2019, 0107 – 0112. SIO 555. Fire and brimstone preacher with what sounds like a Caribbean accent. Excited and fiery preacher whose message seems to be that we should concentrate on giving up everything. (Henley, WA)

7505 **UNITED STATES *WRNO*** Worldwide New Orleans, LA – 9/1 0155 noted with *A Time to Dream* Christian talk program, ID, postal and E-mail addresses in English into *Maranatha Radio* Christian teaching program. SIO 555. (Bueneman-MO)

7565 **PHILIPPINES *Voice of America*** in Tibetan via Tinang. October 4, 2019, 1613 – 1618. SIO 333. Listed target is SEA. Some CNR jamming detected, but can hear VOA clearly. OM and YL announcers with talk / conversation. (Henley, WA)

7570 **UNITED STATES *WYFR*** religious broadcast in EE, September 30, 2019, 0056 – 0106. SIO 555. Brother Stair holding forth with congregation participation "Amen." Program continues past TOH without a break. (Henley, WA)

7570 **UNITED STATES *The Overcomer*** via WRMI Okeechobee, FL – 9/15 0011 noted with anti-government rants from Brother R.G. Stair in English. SIO 434. (Bueneman-SPDX)

7730 **UNITED STATES *WRMI*** in EE. September 30, 2019, 0046 – 0055. SIO 555. MX program. MX with YL vocalist. OM announcer (Bob?) says that MX programming material is from Bern, Switzerland. (Henley, WA)

9100 **SOUTH KOREA *ECHO of Hope*** (Opposition/Clandestine) 9/26 at 1530. M, W in Korean language, and animated chatter - (Barton-AZ)

9100 **SOUTH KOREA *Echo of Hope***/VoH (Opposition/Clandestine) 9/19 at 1400, long talk, M in Korean - (Barton-AZ)

9255 **CHINA *CNR-1*** 9/23 at 1135 (broadcaster apparently used as jammer) w/ M and W in Chinese dialogue, really blasting in, over what should be Sound of Hope (Opposition) via the R.O.C. - Taiwan. Time pips & ID on the hour - Barton-AZ

9330 **UNITED STATES *WBCQ*** (Monticello Maine), 9/22 at 1720. Very Good, undulating signal w/ some deep fading. The party-punk sounds of The B-52s (53 Miles West of Venus and Planet Claire) and other pop/rock and disco from the 70s and 80s - Barton-AZ

9410 **MADAGASCAR *BBC*** relay – 9/26 0548 noted with news analysis and promo in English. SIO 323. (Bueneman-MO)

9410 **SINGAPORE *BBCWS*** 9/21 at 1550 in progress at tune-in with programming in (listed) Urdu, ID, and off on the hour - (Barton-AZ)

9445 **INDIA *All India Radio*** – Bengaluru. 2149-2230* Oct 6, General Overseas Service with English language features program followed by several station IDs, promotional announcement for new website (www.airworldservice.org) and news with a female announcer at 2200. After the news a program about Gandhi followed by Hindi language vocal selections until close-down announcements. Fair to good with moderate fading. (D'Angelo-PA)

9460 **TURKEY *Voice of Turkey*** at 1723 UTC Oct 11 in Turkish with a very serious sounding speech. Good (Delmage, AB)

9480 **JAPAN *NHK World Radio*** at 2000 UTC Oct 11 in Japanese with newscast. Very Good (Delmage, AB)

9615 **PHILIPPINES *BBC*** relay in KK via Tinang. October 2, 2019, 1741 – 1745, SIO 555. YL with long monologue in KK. (Henley, WA)

9615 **PHILIPPINES *BBC*** in KK relay via Tinang. October 5, 2019, 1620 – 1625. SIO 555. KK / EE language lesson using the word “promise” and various contractions like “I’ll” and “won’t.” OM and YL teachers. “I can speak two languages.” (Henley, WA)

9620 **IRAN *VOIRI*** at 2058 UTC Sept 20 in Spanish with a listener’s letterbox program followed by a music program. Schedule given at 2118 UTC then off at 2121 UTC. Fair (Delmage, AB)

9620 **INDIA *All India Radio*** at 1455 UTC in LL on Sept 21 with local music. News and ID at 1500 UTC then back to music. Good (Delmage, AB)

9620 **FRANCE *Radio France Int'l*** – Issoudun, 0406-0458* Oct 11, lively conversation in the French language service by several men and woman. Short musical breaks and other talk features until sign-off. Fair at peaks but subject to deep fades. (D'Angelo-PA)

9640 **SOUTH KOREA KBS World** 9/27, at 1500, W in (listed) Vietnamese - Fair & Good on peaks Barton-AZ

9665 **BRAZIL Radio Voz Missionária** ZYE890 Camboriú, Santa Catarina – 9/15 0020 noted with sermon in Portuguese. SIO 434. (Bueneman-SPDX)

9675 **CHINA CHINA Radio Int'l** (Jinhua) 9/17, 1515. A political and current events talk show - foreign policy Trump and oil. Not the usual inane banter. Heard on portable, whip - VG (Barton-AZ)

9685 **TAIWAN Nippon no kaze** (Opposition/Cland/) 9/17, at 1500. Woman in Korean in long talk, pop vocal music. Noted that // (via Taiwan) 7335 was Fair. 9975 (via Palau) Poor - (Barton-AZ)

9690 **SPAIN REE** 5/30 at 2055. ID, time pips, national News. SS Svc. Good. (McGuire-MD)

9690 **SPAIN REE** 8/23 at 2200. Report on climate change. EE. Good (McGuire-MD)

9690 **SPAIN REE** 2324, 9-25-19. Talk in Spanish and easy listening vocals. IO444. (Cichorek-NJ)

9690 **SPAIN RADIO Espana**, GMT 20:09 discussion in Spanish on current affairs and events. SIO 555, very good 10/3 (Fredette-ON)

9700 **NEW ZEALAND RNZI** at 0458 UTC Sept 27 with Interval Signal to RNZN sign on and National News at 0500 UTC. Excellent (Delmage, AB)

9705 **ITALY Vatican Radio**, GMT 20:07 News panorama in English, SIO 333 10/3 (Fredette-ON)

9720 **CHINA CNR 1** in CC. October 2, 2019, 1945 – 1950. SIO 444. CNR jamming RFA. (Henley, WA)

9740 **KOREA KBS World Radio** in Korean at tune-in 1703 UTC Sept 21 with classical Korean music and announcement. Very Good (Delmage, AB)

9750 **CHINA China Radio Int'l** in Esperanto. October 2, 2019, 1749 – 1800. SIO 242. OM and YL with language lesson Esperanto / Mandarin. Latin MX. Listed target is Europe. Difficult listening. Off air at 1800. (Henley, WA)

9770 **AUSTRALIA Reach Beyond** at 1525 UTC Sept 21 in Korean with English ID at close down at 1529:50 UTC Excellent (Delmage, AB)

9770 **SOUTH KOREA KBS World** 9/19 at 1200. M, W, presenters (Chinese), pop music - Fair (Barton-AZ)

9775 **CLANDESTINE Radio Ndarason Int'l** – Woofferton (presumed), 1836-1859* Sep 17, a man announcer speaking in the listed Kanuri language. Brief segments of tribal vocals and

drums music between further talks. Closed at 1855 with a vocal selection that continued until the carrier was terminated. Poor. (D'Angelo-PA)

9780 **GERMANY *Adventist World radio***, GMT 20:05 General discussion in French between man and woman on current affairs, SIO 333 some fading.10/3 (Fredette-ON)

9785 **KBS *World Radio*** at 1600 UTC in English with K=Pop top forty. // 9640 (Fair) Off without announcement at 1700 UTC. Very Good (Delmage, AB)

9790 **FRANCE RADIO *France Int'l***, GMT 20:02 News in French of stabbing of 4 people in police station in Paris. SIO 444 good to fair, 10/3 (Fredette-ON)

9810 **CLANDESTINE (NIGERIA) *Koode Radio Int'l*** via Issoudun, 1921-1928* Oct 7, tune in to hear two men discussing something in listed Fulfulde language. A woman spoke briefly at 1926 followed by a man announcer with clear station ID ("Koode Radio International ... Nigeria..."). The woman spoke briefly before the transmission carrier was terminated. Fair to good signal. Again, *1900-1929* Oct 9, with flute opening followed by station ID with brief periods of instrumental or vocal music selections between program segments. Nice ID at close-down. Fair. (D'Angelo-PA)

9830 **TURKEY *Voice of Turkey*** at 2209 UTC Oct 11 with Review of the Turkish Press. Good (Delmage, AB)

9840 **VIETNAM VOICE *of Vietnam*** (direct - Hanoi) 9/19, at 1140. ID by woman, local weather, news headlines - VG (Barton-AZ)

9860 **VATICAN CITY *Radio Japan-NHK World*** via Santa Maria di Galeria - 9/22 0519 noted with commentary in English. SIO 323. (Bueneman-MO)

9865 **INDIA *All India Radio*** Vividh Bharati at 1625 UTC Sept 26 with "Nain Se Nain" by Hemant Kumar. Excellent (Delmage, AB)

9910 **SRI LANKA *AWR*** at 1540 UTC Sept 21 (r) Marathi and local music. Contact info for AWR India at 1557 UTC. Excellent (some sort of digital hash on the high side). (Delmage, AB)

9915 **MADAGASCAR *BBC*** relay - 9/22 0410 noted with news analysis in English. SIO 323. (Bueneman-MO)

9940 **SWAZILAND *Trans World Radio***, GMT 19:57, man speaking in Lingala, SIO 444, good, 10/3 (Fredette-ON)

9955 **UNITED STATES *WRMI*** religious broadcast in EE. September 30, 2019, 0035 - 0041. SIO 555. OM preacher with frequent bible readings. Mention of "Two Christs" being preached today. Quoted from "Romans." (Henley, WA)

9965 **CHINA CNR 1** in CC. October 2, 2019, 1812 – 1822. SIO 555. CNR jamming RFA. Raucous MX, drums, etc. Effective in blocking RFA at this location. (Henley, WA)

9975 **PALAUNIPPON***no*kaze/ilbonuebaram9/241500. Long talk by M, then W, in Korean. The Palau bx not usually heard well here, nice rx today. Man and World Harvest ID at the close - VG Barton-AZ

9980 **UNITED STATES WWCR 4** in EE. October 2, 2019, 2010 – 2017. SIO 444. OM and YL talk. Politics, business and economic status. Mention of Freightliner heavy trucks having good sales. Business in general is doing well. Retail store closings of some concern, due to tax costs and commodity costs. (Henley, WA)

11530 **CLANDESTINE Denge Welat** – Issoudun, 2041-2101* Oct 7, tuned in to hear continuous Kurdish language vocals until the transmission carrier was terminated without any announcements. Fair to good signal but moderate fading. (D'Angelo-PA)

11600 **UNIDENTIFIED** Sounds like CNR in CC, but could be a clandestine. September 29, 2019, 2324 – 2330. SIO 444. I could find no reasonable listing for this time and frequency. (Henley, WA)

11615 **TURKEY Voice of Turkey** via Emirler – 9/21 1948 noted with talk in French and Middle Eastern pop music. SIO 323. (Bueneman-MO)

11660 **IRAN Pars Today/VOIRI** via Sirjan – 9/7 0003 noted with news and analysis in Spanish. SIO 323. (Bueneman-MTCDX)

11710 **NORTH KOREA Voice of Korea** in FF. October 4, 2019, 1639 – 1652. SIO 555. VOK French service to NAM. Orchestral MX with YL announcements between pieces. Some purely instrumental pieces. Minor audio distortion. (Henley, WA)

11715 **TAIWAN Clandestine, Sound of HOPE** in CC. September 29, 2019, 2332 – 2338. SIO 343. Mixed OM and YL announcers and commentators. Exhortations. (Henley, WA)

11750 **CHINA CNR 1** in CC. September 29, 2019, 2338 – 2341. SIO 444. CNR domestic broadcast in Mandarin. OM and YL announcers, MX clips, and advertisements. Noisy signal. Heavy QRN, shallow QSB. (Henley, WA)

11760 **CUBA Radio Habana Cuba** 7/9 at 2330. Talk, Music in SS. Good (McGuire-MD)

11760 **CUBA Radio Habana Cuba** in SS. September 29, 2019, 2341 – 0007 September 30, 2019. SIO 555. Excellent signal from RHC. OM and YL announcers, with frequent ID and good Latin MX. YL news reader at top of hour. (Henley, WA)

11770 **NIGERIA Voice of Nigeria** – Abuja, 2016-2058* Sep 18, two men leading a discussion in the listed Hausa language (seemed to be some sort of public affairs program). Bottom of the hour mainly music with some short talks by various male announcers. Close-down with a National Anthem. Good signal. (D'Angelo-PA)

11770 **NIGERIA** *Voice of Nigeria* – Abuja, 1841-1917 Oct 6, group discussion about Nigerian events in the English language followed by a man announcer with station ID and announcements including postal address for listener comments. Several stations IDs as program changed to Hausa language at 1900. Good signal. (D'Angelo-PA)

11775 **ANGUILLA CARIBBEAN** *Beacon/University Network* 9/26 1520. The beacon is on! Weak rollercoaster signal, but PMS can be heard (Pastor Melissa) in lecture. Thursdays and Sundays seem to be the only sure bet with the CB - Barton-AZ

11780 **BRAZIL** *Radio Nacional da Amazonia* ZYE365 Brasilia, DF – 9/7 0009 noted with news analysis in Portuguese. SIO 444. (Bueneman-MTCDX)

11810 **UNITED KINGDOM** *BBC* relay Woofferton – 9/21 2000 noted with BBC World Service ID, preview of upcoming broadcast into news in English. SIO 333. (Bueneman-MO)

11945 **JAPAN** *NHK World Radio* at 1730 UTC Sept 20 in Japanese playing tunes like “Fly Me To The Moon” I and “Les Feuilles Mortes” by Naoka Tera from the 2017 Album “The Standard”, Very Good (Delmage, AB)

11955 **GUAM** *KSDA/AWR* (Agat Guam) 9/28, 2230. Began before the hour with open carrier, then, good ID, w/ AWR theme music to man: “The following program is in Indonesian on 11 point 9-5-5 kilohertz” , to dialogue with women in Indonesian - Barton-AZ

11965 **MADAGASCAR** *African Pathways* at 2023 UTC Oct 11 with religious programming in English... Very Good (Delmage, AB)

11980 **CHINA** *RCI*, 2314, 9-25-19. Man and woman discussing political implications in Hong Kong. SIO222. (Cichorek-NJ)

11985 **FRANCE RADIO** *Algerienne* Holy Koran (via Issoudun site) 9/24 at 1915. Man in Arabic and Arabic prayer chanting - F/G Barton-AZ

12050 **UNITED STATES**. *WEWN* – EWTN Catholic Radio. October 2, 2019, 1931 – 1935. SIO 333. Song with mixed choir, Gregorian chant introducing OM with homily. Noisy, difficult listening. (Henley, WA)

12050 **CLANDESTINE** *Radio Ndarason Int'l* – Woofferton, 1902-1928 Sep 17, in the clear at tune in with discussion in the Kanuri language with occasional tribal vocals and instrumental music. Eventually began mixing with presumed WEWN which later I determined was in the Spanish language. It was nice while it lasted! Fair to good at tune in but slowly deteriorating. (D'Angelo-PA)

12050 **UNITED STATES** *WEWN* Vandiver, AL – 9/14 2322 noted with interview in Spanish. SIO 444. (Bueneman-SPDX)

12095 **OMAN** *BBCWS* at 0317 UTC with sports news. Very Good (Delmage, AB)

12160 **UNITED STATES *WWCR 2 in*** EE from Nashville, TN. October 2, 2019, 1936 – 1942. SIO 444. Alex Jones conservative talk show. Multiple OMs in discussion of the persecution of Trump. Noisy with heavy QRN. Listenable with difficulty. (Henley, WA)

13263 **IRELAND 13263.95-USB**, Oct 10 at 1332, YL in English with flight weather for Luxembourg, etc. 1335 ID twice as Shannon VOLMET. Without a carrier to pinpoint, she sounds almost human, better slightly below than on nominal 13264 (Hauser- OK)

13605 **UNITED STATES *Radio Marti*** in SS. // 11930 October 2, 2019, 1912 – 1930. SIO 333. Round table discussion in SS with multiple OMs and YLs participating. Noisy signal, difficult listening, better on 11930. (Henley, WA)

13650 **CUBA *China Radio Int'l*** in PP via Havana. It almost sounds like a jamming attempt on NHK Radio Japan on this frequency and time. September 29, 2019, 2310 – 2319. SIO 544. Asian / Chinese MX. Little talk. (Henley, WA)

13710 **SAUDI ARABIA *Broadcasting Service Kingdom of Saudi Arabia*** – Riyadh, 1710-1745 Sep 17, a man announcer with Arabic language talk (introducing the next program segment?) followed by recitations from the Holy Quran. Very good signal. (D'Angelo-PA)

13730 **FRANCE *Mini-Transat*** La Boulangère – Issoudun, 1539-1545* Oct 11, saw an item in the DX Mix earlier today so I tuned in the hear a woman announcer in French with apparent information about the race including many numbers (locations?). At 1543 a man spoke briefly followed by Mission Impossible theme music until carrier terminated. Fair. (D'Angelo-PA)

13730 **FRANCE OCT 12** at *1459 carrier, 1500 music with drumming, 1501 French announcement, as the marine weather special continues for the Mini-Transat yacht racers; best I've heard this yet, but still unreadable. Supposed to be mixed with English. Richard Langley heard it better today via UTwente SDR despite proximity to Issoudun: "First yachts expected to complete the first leg of the race tomorrow morning"; i.e. Tenerife, Gran Canaria. Second leg on to Caribbean is not until November? So they have to kill time in the Islas? (Hauser- OK)

13840 **NEW ZEALAND *RNZI Pacific*** at 0344 UTC Sept 27 playing tunes "Dub Be Good To Me" from Beats International. Excellence (Delmage, AB)

13840 **NEW ZEALAND *Radio New Zealand Pacific*** – 9/6 2355 noted with talk program, time pips into news in English. SIO 354. (Bueneman-MTCDX)

15034 **CANADA *CHR 5034-USB***, Oct 7 at 2050, despite previous log as missing at 1439, CHR is back on and still "no reports received" and distorted (Hauser- OK)

15100 **CHINA *China Radio Int'l*** in CC. September 29, 2019, 2301 – 2306. SIO 333. YLs in commentary and a YL news reader in Cantonese. (Henley, WA)

15140 **CUBA Radio Habana Cuba** in Creole. October 2, 2019, 1836 – 1840. SIO 544. YL in Creole. Audio distorted and muffled. OM with talk and ID. (Henley, WA)

15140 **CUBA Radio Havana Cub**, GMT 18:03 Arabic announcer with discussion on Che Guerrez SIO 555 (Fredette-ON)

15200 **FRANCE Radio Deutsche Welle**, GMT 18:05 male announcer speaking in Hausa SIO 222 poor 10/3 (Fredette-ON)

15300 **FRANCE Radio France Int'l**, GMT 18:07 French male speaker, used LSB and sharper filter SIO 333 fair 10/3 (Fredette-ON)

15370 **CUBA Radio Habana Cuba** in SS. September 29, 2019, 2248 – 2254. SIO 555. Multiple OMs with talk. Later. YL with ID and contact information, including a telephone number, in SS. Brief YL talk, then off the air at 2254. (Henley, WA)

15400 **ASCENSION ISLAND BBC**, MT 18:11 English discussion between man and woman, report on globally traded animals such as birds for their feathers. SIO 343 fair to good, 10/3 (Fredette-ON)

15450 **TURKEY Voice Turkey** 1200-1300 Oct. 9. English with “Turkey Tourist Attractions” YL announcer. SIO 434. (Widner-OH)

15490 **ASCENSION BBC** GMT 18:15 French language news, news on Congo and Ghana followed by news of stabbing in France of 4 people who died after being stabbed in police station by an employee. Sign off at 18:30 followed by Arabic program SIO 344 good. 10/3 (Fredette-ON)

15580 **BOTSWANA Voice of America** in EE relay via Mopeng Hill. October 2, 2019, 1843 – 15770. SIO 444. OMs in discussion of the political process in Africa. One YL interviewer or commentator. Discussion of strengths and weaknesses of the political process in African nations. Listenable with heavy QRN. (Henley, WA)

15580 **BOTSWANA, Voice of America**, 1735, 10-3-19. To men in English with political discussion and political future of African countries with mentions of corruption as a deterrent to progress. Fair to poor with considerable QRN and QSB. (Cichorek-NJ)

15580 **BOTSWANA Voice of America**, GMT 18:32 (Fredette-ON)

15600 **CHINA China Radio Int'l** in SS. September 29, 2019, 2241 – 2247. SIO 444. OM and YL announcers in SS. Talk, discussion and Latin MX clips. Listed target is SAM. (Henley, WA)

15610 **UNITED STATES WEWN** – EWTN Catholic Radio in EE. September 29, 2019, 2234 – 2240. SIO 555. Religious broadcast. Discussion about abortion, pro and con. Question concerns when is it acceptable to kill an innocent person. OM moderator, YL caller in discussion. Listed target is Africa. (Henley, WA)

15660 **ENGLAND** *Voice of America*, , GMT 18:32 Arabic discussion with male speaker, SIO 333 fair, 10/3 (Fredette-ON)

15670 **FRANCE** *Radio France Int'l* – Issoudun, 1619-1643 Sep 17, a man announcer spoke in the Hausa language with very brief musical interludes between items. Generally poor with some fair peaks. (D'Angelo-PA)

15715 **FRANCE** *Adventist World Radio* – Issoudun, 1416-1436 Oct 8, woman with religious talk in the Mandarin language. Nice English language station ID (“This is Adventist World Radio, the Voice of Hope”) at 1430 by another woman announcer. Several multi-language station IDs followed including an announcement that “the following program is in Mandarin”. Fair to good signal. (D'Angelo-PA)


15770 **UNITED STATES** *WRMI* via WYFR in EE. “Supreme Master Television.” October 2, 2019, 1851 – 1902. SIO 333. Talk of youth activity in climate change debate. Another illustration showing how ignorance abounds on this subject. It was the usual drivel about “...saving the planet...” MX follows. Program has a partially religious format. Listed target is central NAM (Henley, WA)

15825 **UNITED STATES** *WWCR 1* from Nashville, TN in EE. October 2, 2019, 1903 – 1911. SIO 333. Religious broadcast. Quotes from the Bible. OM host Alexander Arthur. Heavy QRN, poor listening. (Henley, WA)

17530 **UNITED STATES** *Voice of America* to Africa in EE. October 2, 2019, 1827 – 1831. SIO 555. Talk of African natural resource exploitation by European countries. VOA ID and sign-off at 1830. Carrier gone at 1831. (Henley, WA)

17640 **ASCENSION ISLAND** *BBCWS* at 1630 UTC Sept 20 with News followed by BBC OS about the climate change demonstrations. Fair // 15400 Khz Very Good (Delmage, AB) 

NASWA Flashsheet

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



On the Short Waves

by Jerry Berg

<www.ontheshortwaves.com> **Update, September 29, 2019**—Under “CPRV/The CPRV Gallery,” we finish our new section, “Clandestine, Opposition and Target Broadcasts” with the addition of QSLs from Asia (including the Middle East) and the Pacific.—And under “Specialized Resources/The DX Recordings of Colin Miller,” we have added BBC-Ascension, which is still operating, and FEBA-Seychelles, which closed down in 2003.

<www.ontheshortwaves.com> **Update, October 6, 2019**—Under “Specialized Resources,” in “The Early DX of David F. Thomas,” we have added 45 Cuban broadcast band QSLs from 1926 to 1955.

<www.ontheshortwaves.com> **Update, October 13, 2019**—Under “DX History/Stations,” we have posted an article about English-language programming from Radio EAQ, the short-wave station that was active in Spain during the 1930s. (Zoom in on the graphics.)—And under “Specialized Resources,” Adrian Peterson has favored us with a bumper crop of Wavescan entries. They are: (1) “The Early Mediumwave Scene in Uruguay” (Wavescan N549, September 1, 2019)—(2) “Small Country, Two Large Radio Stations: Radio Andorra Relay Services” (Wavescan N550, September 8, 2019)—(3) “Chronohertz Station WWV Celebrates 100 Years-The Very Early Years” (Wavescan N551, September 15, 2019)—(4) “Small Country, Two Large Radio Stations: Sud Radio” (Wavescan N552, September 22, 2019)—(5) “Cook Island Update” (Wavescan N552, September 22, 2019)—(6) “WWV 100th Anniversary-The Forgotten Callsigns” (Wavescan N553, September 29, 2019).

<www.ontheshortwaves.com> **Update, October 20, 2019**—Under “Specialized Resources/Radio Postcards,” we have posted a series of radio-related views from the Netherlands. These include: (1) two views of the AVRO building in Hilversum (Algemene Vereniging Radio Omroep was the first Dutch public broadcaster); (2) the NSF building in Hilversum (1931); (3) some of the facilities of the Kootwijk high power utility station and the famous hotel and restaurant nearby; (4) three views of the Philips plant in Eindhoven (1930s); (5) the Huizen plant of early Dutch shortwave broadcaster PHOHI (Philips Omroep Holland-Indie, 1933); and (6) the famous PCJ rotating antennas.—And under “Specialized Resources/Wavescan,” a new story from Adrian Peterson: “No! Greenland is not for sale! The Early Wireless Scene” (Wavescan N554, October 6, 2019).



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