

The **NASWA** Journal

VOLUME LVIII NUMBER 4

APRIL 2018

The North American Shortwave Association

2018 William P. Eddings Award

Member of the Year



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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. ©2017. 72" Ed. 672 p. List \$49.95. Expected 1/25/17.

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This is without a doubt the most difficult message that I have had to write in over two decades as NASWA's Executive Director. Wednesday evening, I learned from Ralph Brandi that **Bill Oliver** died of a heart attack on Tuesday, March 27, 2018 in Lower Bucks Hospital. Bill was 89 years old. Bill published *The Journal of the North American Shortwave Association* and the *Lowdown* for the Long Wave Club of America. He had taught computer classes at Bristol Township Senior Center. Bill became NASWA publisher in 1978. He was doing the QSL column at the time. He became the club's Executive Director in 1981, and continued doing the publishing. In the mid-1980s, when things weren't looking so good for the club, Bill was what held it all together. He's a big part of the club's history. An army veteran of World War 2, Bill is survived by his wife of 64 years, Evelyn, one son William Oliver and a daughter Suanne McDermott and her husband, John. He is also survived by his sister, Dorothy Diehl and his brother, Bob Oliver. Bill had several grandchildren. The club's management team is assessing the situation and should have a decision in a few weeks about the future of the club. In the interim, the weekly electronic *Flash-sheet* will continue to be published and the NASWA Yahoo Group and Facebook page will also continue operations. The 45 Wildflower Road address is closed. The club's new postal mailing address is P. O. Box 3292, Allentown, PA 18106. In the interim, publication of the monthly print bulletin, *The Journal*, could face substantial delays.

The Winter SWL Festival is now over. I can report that we had a great time in Plymouth Meeting at our annual club sponsored gathering. The 31st edition of the FEST featured a strong program line up, thanks, as usual, to the presenters. Also, thanks to our conventions hosts **Rich Cuff** and **John Figliozzi**

along with the usual gang of volunteers that make this event special. We even managed to overcome a loss of electricity which happened on Friday at around 3:00 pm and lasted through Saturday evenings closing activities thanks to a nor'easter. Attendance was in the 115 to 120 range. This year the club's Executive Council enthusiastically choose **John Herkimer** to receive the William P. Eddings Award as its 2018 member of the year. John has done many things for the club over the years, much of it "in the background". He edited the old *Shortwave Center* column back in the 1980s, and right now he is chair of the club's Country List Committee. Also, each month John prepares the covers for *The Journal*. John is one of the many people I depend upon for advice when important issues come up. Executive Council felt it would be nice to recognize him, as he hasn't publicly received the credit that he has deserved. The following is a message direct from John: "It was an unexpected surprise to learn that I am the recipient of the 2018 William P. Eddings Award. My sincere thanks to the NASWA Executive Council and to Rich D'Angelo, who accepted the award on my behalf at the Winter SWL Fest. Being a member of NASWA has been an important part of my years in the hobby and I greatly appreciate the volunteers who produce *The Journal*, without fail, each and every month. Thank you!" Preliminary planning has commenced for the 32nd annual Winter SWL Festival in about eleven month's time.

Speaking of covers, as a special request of mine John Herkimer has provided a picture of himself to grace our cover this month (under protest I might add, hi!). As you read in the previous paragraph, John was selected by the club's Executive Council as the recipient of the William P. Eddings Award as our member of the year for 2018.

Unity and Friendship

It is an honor well deserved by a member who has been instrumental in the club's direction for many years.

From the National Radio Club (NRC) comes the following information that would be of interest to our members. The International Radio Club of America (IRCA) will hold its 2018 convention in St. Charles, MO at the Best Western Plus Charles Inn 7-8 September 2018. The registration fee for the IRCA gathering is only \$25.00. The room rate is \$104.99 a night for either a standard king or two queens. The phone number to call the hotel directly to make reservations for that weekend is (636) 946-6936 or toll free at 1-800-274-0988. You must mention the code IRCA to get the rate. Reservations must be made by August 7, 2018. If all the rooms in block sell out, then the meeting room at the hotel will be complementary. For more information contact **Ken Hawkins** at stlouisherdfan@gmail.com or call him at (636) 577-4295. The NRC is still looking for a volunteer to host its 2018 convention. The club's new Internet address is www.nationalradioclub.org. There is a lot of content and you can join or renew memberships online or order publications. Among the publications is the club's AM Radio Log 38th Edition which is now available for \$26.95 to members and \$32.95 to non-members. Delivery to Canada costs \$41.25 and delivery elsewhere is \$51.25. The log contains more than 300 pages of data and cross references and 12 pages of instructions in 8 1/2 by 11-inch size, three holed punched, loose leaf format. There are over 9,000 updates to the 37th edition of the log. Order by postal mail by

check or money order to National Radio Club, P. O. Box 473251, Aurora, CO 80047-3251.

According to a report in the South China Morning Post, China is planning to merge its state television and radio networks into one mega broadcaster in an overhaul that, the report says, is designed to tighten the Communist Party's grip on public opinion and burnish the country's global image. China Central Television (CCTV), China National Radio (CNR) and China Radio International (CRI) will be consolidated into a new broadcaster that is to be called Voice of China - a name that is reminiscent of international broadcasters at the height of the Cold War. I wonder who will report the first use of "Voice of China"?

Don't forget to pick up your free copy of the World Radio TV Handbook (WRTH) update file for the B17 broadcast schedules is available for free download from them at <http://www.wrth.com>. Sean Gilbert of the WRTH editorial team recently made this available. This update contains changes, additions and frequency cancellations; new stations that have become active since the 2018 WRTH was published; and the revised full schedules of certain stations. Thanks to Sean and the entire WRTH team for making this available to all shortwave radio hobbyists. They hope that you find this file useful as an addition to WRTH (it is formatted in the same manner as the printed WRTH), or it can be used on its own, of course.

That's it for this month.



If you have memories of NASWA publisher Bill Oliver that you would like to share with the rest of the club, please send them to Jerry Lineback, editor of the Musings column, for publication in the May issue of The Journal.

Musings

Jerry Lineback • 3581 Sunview Dr. • Paradise, CA 95969-8106 • jalinebk@gmail.com

Please e-mail musings as MS Word attachments to jalinebk@gmail.com or mail to 3581 Sunview Dr., Paradise, CA 95969-8106. Next deadline is April 25, 2018.

Ed Cichorek, ejc82@comcast.net, Somerset, NJ

The Nor'easter of March 7th, 2018 hit hard here in central New Jersey and one of its victims was my trusty Eavesdropper antenna. After so many years of reliable service through all sorts of weather, I was slightly shocked to see it come down. The wind played havoc, winding it around cable and phone lines on my property. When finally down, I realized that the wire between two traps had snapped. I don't know if a fix is possible, but I was contemplating a new antenna system anyway. They say change is good. We shall see. Meanwhile, I must take into consideration my limited space. With a 50'X100' lot and a fence for a connecting place, I might be limited to a sloper configuration only. If anyone has any suggestions or recommendations, I'm all ears.

Good listening to all and may the winds of nature be kind to your antennae.

73, Ed Cichorek

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



NASWA Flashsheet

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

We would like to add e-mail addresses to the contact info we have for all NASWA members. If you have an e-mail address you check regularly, please send an e-mail with your name, postal address, and e-mail address to hq@naswa.net sometime in the next month. Thank you!

Listening Review

Alan Roe • 33 Atbara Road • Teddington, TW11 9PA, United Kingdom • alan-roe-swl@mail.com

Hello and welcome to Listening Review for April.

Voice of Turkey

I noticed a few weeks ago that V of Turkey's **Letterbox** program had moved from Wednesdays and Saturdays to Fridays only. So, here is an update to their English schedule as monitored through February.

All broadcasts start with **News** and (on Mondays-Fridays) **Review of the Turkish Press**. These are followed by feature programs, as listed below. All broadcasts then end with **Question of the Month**, a selection of Turkish music and News headlines in brief.

Feature programs:

Monday:

- **Turkey, My Home** (Stories of foreign nationals who reside in Turkey)
- **Legends of Anatolia** (Stories of legendary Anatolian people and places)

Tuesday:

- **The Middle East Through Turkey's Window** (events in the Middle East)
- **Turkey's Cultural Treasures** (culturally important Turkish buildings, objects and art)

Wednesday:

- **Global Perspective** (Commentary on Turkish or world current affairs)
- Either: **Foods of the Court** (Fortnightly) (Ottoman/Turkish cuisine and recipes)
- Or: **The Culture of Living Together** (Fortnightly)

Thursday:

- **Economy and Politics**

- **Inside Turkey's Foreign Policy**

Friday:

- **Review of the Foreign Media**
- **High on the Agenda** (Fortnightly)
- **Turkey in a Nutshell** (Historical stories, facts and figures about Turkey)
- **Letterbox Program** (announced as Fortnightly, but heard weekly)

Saturday:

- **The Middle East Through Turkey's Window** (Rpt from Tue)
- **Economy and Politics** (Rpt from Thu)

Sunday:

- **Global Perspective** (Rpt from Wed)
- **Inside Turkey's Foreign Policy** (Rpt from Thu)

Radio Japan

One of the joys of random shortwave listening is that you never know what fascinating program that you might stumble across. And so it happens that on Wednesday 21 February I find myself listening to a program about toilets on Radio Japan's **Meet The People** (1930UT on 9485kHz via Vatican). It is an interview with Yu Yamakami and was a fascinating program.

From the Radio Japan Website:

"About one in three people in the world, mainly in poverty-stricken countries, have no access to toilets or restrooms. Children in such areas live in unsanitary conditions and often die from infections. This program introduces Yu Yamakami, who has been working to bring toilets to Africa. The system she is promoting requires

no water or electricity and changes human waste into fertilizer. We followed her 4 years of efforts in Kenya and find out what motivates her to pursue this innovative undertaking.”

In the opening minutes of the program we learn

“ [...] that about 32 million people in Kenya still leave without proper sanitation. People living in slums especially do not have toilets at home. They typically keep their waste in bags and throw them out the window at night.”

The program continues with a brief description of why Yu Yamakami became interested in this area of work:

“in childhood, the toilet became a frequent place for her because she was troubled by frequent urination. At University she chose toilets as her research theme [...] and after graduating she joined a company that made household equipment. [...] The developers really insist on making the finest possible toilets. [...]

“[Her] career took a fresh turn after the great East Japan earthquake of 2011, where the earthquake destroyed the mains water and sewerage pipes, flush toilets became unusable [...] after that [she] started thinking about of the needs of people in developing countries who had no access to toilets. ‘I saw it as my mission to disseminate Japan’s comfortable flush toilets around the world. When I realised that those toilets wouldn’t help people in disaster zones or the developing world I was taken by complete surprise’. [She] asked to become involved when the company started its Project for Africa in 2013. [...] It was clear that toilets that didn’t use water or electricity, but could produce fertilisers would be received very well. The company had already come up with a simple new toilet system for developing countries that converts human waste into safe fertilisers.”

The program continues with the problems that she encountered in Kenya and how the local people were engaged in the work and to come up with their own solutions to problems of collections, etc.

It was an inspiring program dealing with a real problem in Kenya. The Japanese company wasn’t simply putting a system in place and walking away, but working with the local people so that they fully understood the system and could then teach other how to make it work.

Meet The People is aired on the first and third Wednesdays of the month.

Playback of an SDR Recording

One of the great advantages of SDR radios is the ability to schedule recordings of segments of the shortwave bands. I find that I can easily record a 3MHz frequency spread for later playback. In fact my Elad FDM-S2 has the ability to record up to a 6MHz spread, and my SDR Play RSP1 can record up to a 10MHz spread, however my PC is not able to write that amount of data to the hard disk fast enough. I may consider installing an SSD hard disk in future to see if that will help. When playing back the recording, you have the options of listening to any frequency in the bandspread in any mode (eg AM, SSB), applying different bandwidth filters, changing AGC settings, applying notches, etc, as if listening live, and of course stepping back and forward at will through the time span. You do need a reasonable amount of disk space though: four hours recording at 3MHz bandspread uses nearly 180Gb of disk space. I mostly use SDR Console version 3 software to operate both the Elad and the SDR Play SDRs.

This month, I am going to write up some of what I listened to from a 4 hour recording from 0000UT to 0400UT on Sunday 11 March using a bandspread selection from 5MHz to 8MHz. I’m rarely awake during this time span, so had no listening “routine” for this period, although I did have a few stations/programs in mind that I wanted to listen to, so I start this account with those.

The first station I look for is R Rebelde on 5025kHz, which is putting in a fair signal throughout the four hours, but improving after 0130UT, so after a few minutes of standard Cuban songs, I find myself enjoying half an hour of unfamiliar Western rock music in English before the programme continued with more Spanish language, Cuban pop music. By 0300UT the noise levels were increasing (and stepping forward through the recording for the next hour, reception wasn't improving), so time to switch frequency.

I next tried R Havana Cuba on 5040kHz, but this was weaker, and noisier, than Rebelde, so instead I tried The Mighty KBC on 6150kHz from 0000-0200UT (and one of the main reasons that I chose this particular bandspread at this time on a Sunday morning). Reception was very poor at 0000UT, but stepping forward I found a sudden improvement of signal at around 0040UT to allow me to listen with ease to *It's Radio, But Not as We Know It* with Dave Mason. I always enjoy this program and wish that The Mighty KBC had an airing of this during the European daytime. Some wonderful rock tracks heard included "Wildflower" by Skylark, "Lawyers in Love" by Jackson Browne and a couple of tracks by Blue Oyster Cult: "Don't Fear the Reaper" and "Then Came the Last Days of May". At 0100UT was the incomparable Eric van Willegen's *Giant Jukebox*. Personally, I prefer Dave Mason's more restrained presentation style, but Eric always plays a great selection of oldies and includes many shout-outs to listeners responding to their letters and emails. I am a member of several shortwave-related Facebook groups, and I think that this one program generates more posts, always favourable, than any other specific program that I can think of. On those occasions when it's missing, either due to poor propagation or due to changed time or frequency (eg at seasonal schedule change dates) the number of posts lamenting its absence is very noticeable. The program also includes Kraig Krist's interesting Forgotten Song segment; today was Two Hearts by Stephanie Mills and Teddy Pendergrass. It was unfortunate that reception initially was so poor, but I thoroughly enjoyed the 1 hour 20 minutes that I did listen to.

Now time for R Romania International's one-hour English transmission from 0100-0200UT with good reception on 6130kHz, and even better reception on 7325kHz. The broadcast included the regular *World of Culture* program with an interesting and timely feature on the European Women's Audio-Visual Network, which starts as follows:

"Producer Ada Solomon has taken over as President of the EWA [...] which promotes gender equality in the audio-visual field in terms of employment and financing access and opportunities. Some of EWA's other objectives are creating a strong community of professional women to share experiences and support each other, as well as promoting audio-visual content created by women. [...] Here is Ada Solomon:

"It is an organization that has grown beautifully over the last few years, and which speaks less and does more, an attitude that suits me. The organization was created a few years ago, it is not a recent reaction meant to protect women in the audio-visual industry. It is an organization based more on shared positive experiences, a construction in which the more experienced try to share with younger colleagues, to be role models in success. I believe that there are many positive examples of a good integration of women in this industry, and in my opinion, we have to use them, and build on them. This is my opinion, because I generally look on the positive side of things in life."

Following this was *RRI Encyclopedia* with a talk about Ludovic Mrazec a scientist made a big contribution to the development of geology in Romania and to the study of the origin of oil. Of some interest, though perhaps a slightly dry subject. This was followed by *All That Jazz* with a three great jazz tracks. I was amused though by the first track: we are told that this edition of *All That Jazz* was devoted to jazz musicians who have devoted some of their music to women, and the first track comes from an album titled "Divorce Music". Really?!

Many stations have been cutting back on their listener response programs, but RRI continues with its two programs each week, and today's program was the ten-minute *DX Mailbag* acknowledging reception reports. (The longer *Listeners Letterbox* program is scheduled on the Sunday through Monday transmission which looks at listeners comments rather than just reception reports). The final program was *Through the Looking Glass*, but I decided to move on.

However, I stay with R Romania International and tune this time to their Romanian service transmission from 0100-0300UT which provides excellent reception on both 5910 and 7340kHz. The first hour of which has a good selection of Romanian modern pop music in the program *As We Like!* This is actually the second hour of a two-hour program, but the first hour from 0000-0100UT is online only. The music tends toward club/dance style music which is not so much to my taste, however stepping through the hour I find several tunes which I quite enjoyed.

Moving onto 0200UT (and the second main reason for choosing this particular frequency spread, day and time), is the rebroadcast of the previous Friday night program from Radio România Muzical's *Stagiunea Muzicala Radio (Radio Concert Season)* - in fact this is first hour only of a two-hour program, however the second hour continues online only. I don't know too much about classical music and generally speaking am unable to identify particular works, but that doesn't stop me appreciating and enjoying classical music. The sad fact is that there is very little classical music broadcast on shortwave, and I believe that this is the only opportunity to hear a whole hour of a weekly scheduled program like this.

That covered the stations and programs that I had targeted to listen to during the four-hour period, so time then to random tune around and see what else could be heard.

0005UT on 6020kHz via Albania was China R International in English with *Language Café*. This program is aimed fully to an audience whose first language is not English

(ie mainly those whose first language is Chinese). Each day the presenters take an English language idiom or slang term and describes and explains it an entertaining way with day-to-usage examples. Whilst (for an English speaker) the examples are at times maybe a little over-the-top, in general I think that they explain the terms very well in a way that will actually be useful for advanced learners of English. However, remain unconvinced that this program should really be on the English service at all. Language Café is a daily program on CRI.

0030UT was a much more interesting program on CRI: *Horizons*. Today's edition had a fascinating 15 minute feature on Shandong cuisine, including Shandong street food and their pancakes followed by a shorter feature about efforts on helping graduate job seekers in China. *Horizons* always has a varied selection of social and cultural topics in its program, and one that I nearly always enjoy listening to. *Horizons* is daily, except Fridays.

0200UT I find Adventist World R signing on in Urdu on 5970kHz via Moosbrunn with a superb signal and a few minutes of rather nice inspirational music (I presume in Urdu) to start the program. At 0230, the transmission transfers to AWR's Punjabi service starting similarly to the Urdu service with inspirational music (I presume now in Punjabi). The last ten minutes of this transmission includes further such music before sign off at 0300UT. A pleasant diversion, however if I had been listening live, I probably would have tuned-on to find something more interesting that I would otherwise be missing but which is not an issue with an SDR recording.

0200UT R Romania International once again - this time is their French service, and I find that at 0230UT, RRI has *Musique Traditionnelle Roumaine* - another outlet for their ever popular programs of traditional folk music, and I enjoyed 15 minutes of this music.

0300UT BBC World Service news in English comes on air on 6195kHz via Oman and is followed by *From Our Own Correspondent*. This is one of the BBC's best current affairs

programs, and allows BBC correspondents abroad time to present a topic in the region that they cover in a longer, more thoughtful or analytical way. Usually serious, occasionally a little harrowing and sometimes humorous, a varied and interesting program is guaranteed. Today's edition covers the following (from the BBC WS "From Our Own Correspondent" Website):

"[...] Yolande Knell reports from a camp in the Bekaa Valley sheltering many refugees from Ghouta who still follow daily reports of the bombing and shelling which their friends and family who are still in the enclave are trying to survive.

"In Serbia, Richard Hall retraces his steps along the so-called "migrant trail" through southeastern Europe, [...] [where] there are still people trying their luck and hoping to enter the EU, and running serious risks along the way.

"Krupa Padhy has a thought-provoking meeting in Uttar Pradesh, northern India - with an entirely unqualified 'doctor' who despite having no medical degree, is highly valued and much consulted by local patients who say they can't rely on government healthcare.

"And Mathew Charles spends a twitchy night out in Colombia - in the company of a drug cartel killer and dealer who explains how the country's gangs are diversifying their sources of income [...] [with] kidnap and extortion."

All four items were fascinating, however here's the opening words from Mathew Charles' report which really sets a chilling scene:

"Sergio wants us to look like friends on a night out, and not the journalist interviewing the murderer that we are. 'Go on, just a snort,' he says to me, 'You wanna a taste of The Company, then this is it. This is what we do. We party. We drink. We take drugs. And we kill.' Sergio dips his key into

the small plastic bag of white powder he's been waving in my face. The Company [...] is how Columbia's new criminal gangs refer to themselves. Sergio seems offended that I refuse his cocaine. Beads of sweat are dripping down his forehead. He lifts his key to his nose and snorts, tilting his head backwards as he rubs his nostrils. 'Do I smell?', he asks suddenly."

It's an absolutely riveting introduction to a fascinating story (and if you would like to hear the whole episode, it is available as a podcast at: <https://www.bbc.co.uk/programs/w3csvpjm>.) I hadn't planned on listening to this episode, but so glad that I did.

0300UT I hear pips on 5960kHz where NHK R Japan's Japanese service is signing on via the Issoudun relay. Around fifteen minutes into the transmission a variety-style program is heard with music and song and what seems to be karaoke singing (at times slightly out-of-tune) with applause and cheering when the singer is stopped by a bell. It has the sound of a TV program audio rebroadcast and was mildly entertaining as a curiosity.

0300UT and the final program that I listened to was World Harvest Radio International, WHRI signing-on on 7520kHz with USA Radio News followed by a program of music from around 0307UT - I could probably best describe it as Christian rock - and passed the time pleasantly enough whilst I continued to pull these notes together in some sort of coherent order.

I found the exercise (recording a four-hour period covering the 5 to 8 MHz band spread) very enjoyable and I heard some programs that I would otherwise have more than likely missed, and I will repeat this again from time to time.

Note that most times and frequencies mentioned above will have changed for the A-18 broadcast period from 25 March.

Until next time - 73 and good SWL, Alan 

International Broadcasting

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

“Voice of China” or whatever it will be called

China’s plans to consolidate its broadcasting agencies into one organization to be called the “Voice of China” generated much news and commentary throughout the world. Most of it focused on the international operations of this new Chinese media conglomerate, although most of the merger probably will affect domestic broadcasting in the country.

China Global Television Network (CGTN), formerly known as CCTV News, described the plan this way: “China Central Television (CCTV), China Radio International (CRI), and China National Radio (CNR) will form the new Zhongguo Zhisheng (中国之声), which translates to ‘Voice of China’ – although the English name has yet to be announced.”

So while the “Voice of China” name was plastered across the news stories around the world, if CGTN is to be believed, “Voice of China” might not ultimately be the English-language name of the whatever this merged media body will be.

The CGTN story also concluded with this curious mention: “Internally, the three entities will keep their names.” Does “internally” mean inside China, or within the organization? My guess is that CCTV and CNR will still be known as such in China, but the internationally facing media operation will take on the name “yet to be announced.”

In this regard, China Radio International is a strange animal. Yes, it’s international, but it also has domestic components. To be sure, CRI does radio, but it also has a television service in China, through its China International Broadcasting Network. It’s all rather confusing, and this confusion might be one of the reasons President Xi Jinping’s administration want to consolidate Chinese media.

Will Voice of China mimic Voice of America? Or vice versa?

An early Bloomberg story on this development stated that the “the new broadcaster will be called ‘Voice of China,’ ... mimicking the U.S. government-funded Voice of America.” That became a theme in many subsequent news stories: that Voice of China would be China’s Voice of America.

The parallel does not hold up well, however. The Voice of China would be a consolidated media group, whereas the Voice of America is just one entity among the unconsolidated entities under the Broadcasting Board of Governors. And while Voice of China’s main duties will be to “promote the party’s theories, principles and policies” and the like, with no mention of news or journalism, VOA has generally enjoyed the independence to carry out its journalistic duties since the creation of the Broadcasting Board of Governors was created in 1994.

Things, however, are changing. Voice of America might come to emulate Voice of China rather than vice versa. This brings us to the other big international media story of March 2018 ...

The BBG “coup”

On March 20, CNN reported (cnn.it/2E3jKut) that Rep. Eliot Engel (D-NY) was informed by “whistleblowers” within the Broadcasting Board of Governors that a “coup” was in the works, to replace John Lansing, the chairman of the BBG, with Andre Mendes, who has been the director of BBG’s Technology, Services, and Innovation (TSI) – engineering, basically.

More details were added by Foreign Policy on March 21 (bit.ly/2Ib6Ahx), which indicated that employees feared a “Breitbartization” of the BBG and its entities. The Foreign

Policy report did some serious digging, enough to convince me that something fishy was going on in the offices of and over the BBG. Nevertheless, as of the day I type this, the other shoe has not dropped. John Lansing is still chairman of the BBG.

But was it really an attempted “coup”? I think a better metaphor might be the pendulum swinging lower and lower to the ultimate fate of the entities under the BBG. Language deep in the bowels of the Defense Authorization Act for FY2017 relegated the BBG to an advisory role. The CEO, presidentially appointed, that is to say, *politically* appointed, will assume to responsibility of hiring and firing the directors and presidents of the several outlets of U.S. international broadcasting.

Throughout the world, there has never been an instrumentality better suited to preserve the independence of a publicly funded broadcasting body than a bipartisan board, with fixed and staggered terms, to appoint the director of that body.

Now it will be up to the presidentially appointed (for now, Trump-appointed) CEO to hire and fire the management. The VOA Charter (bit.ly/2IcuVDO) is often cited as protection for VOA’s journalistic autonomy, but that charter states both that “VOA news will be accurate, objective, and comprehensive” and “that VOA will present the policies of the United States clearly and effectively.”

It will be the up to the CEO to decide what proportion of VOA’s content will be the former versus the latter. He/she will also have to make sense of the BBG mission statement (bit.ly/2Gz71o0), a hopeless mishmash that makes no specific mention of news or journalism. It is as if the Supreme Court were to be dissolved, with President Trump singularly interpreting the Constitution, at least until the end of his term.

Meanwhile, BBC World Service expands

BBC World Service has no such ambiguities about its mission to present news independently of government agenda. It is

embarked on its largest expansion since the 1940s. Twelve languages are being added or restored: Afaan Oromo, Amharic, Gujarati, Igbo, Korean, Marathi, Pidgin, Punjabi, Serbian, Telugu, Tigrinya, and Yoruba. We probably won’t hear most of these on short-wave, but they will be available on various online platforms.

In the section “Taking UK to the world” of the BBC’s Annual Plan 2018/19: “Across the world, the media continues to be less free than it was ten years ago. With state-controlled services influencing global debate and news provision, the value to democracy and liberty of the BBC’s global reach is higher than ever.”

With U.S. international broadcasting poised to revert to “state-controlled,” this is saying a mouthful.

Also in the Annual Plan: “Spring 2018 will be a significant moment for the BBC World Service when we will introduce a new network and programme musical identity. The contemporary, fresh and high-quality network-wide sound will reflect the rich mix of news, business, documentaries, arts, music and sport that form the BBC World Service schedule. Our aim is for an ambitious and attention-grabbing sound that can reflect the direction of the BBC World Service in 2018 and beyond, whether you are listening on Digital Radio in the UK, an FM partner in Kenya or the United States or online streaming in Europe – a sound that reflects the diversity, warmth and intelligent personality of our output.”

And: “World Service English now has a more flexible and varied schedule. The network will make the most of this with ambitious and innovative programmes, from original journalism and debate to arts, culture and science programming. A strong offer for existing audiences, as well as fresh programmes and short-form audio-visual content to reach new audiences, is aimed at building on recent audience growth.”

Visit twitter.com/kaedotcom and swradio-gram.net.



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Lots to get to this month, so let's dispense with the introductions.

NEWS AND NOTES

Trevor Baylis, inventor of the wind-up radio, dies aged 80

The Guardian

March 5, 2018

Trevor Baylis, the creator of the wind-up radio that helped millions in the developing world to access life-saving information, has died aged 80.

The inventor, who was awarded a CBE in 2014 for services to intellectual property, died of natural causes on Monday morning, having been ill for some time.

Baylis, from Twickenham in south-west London, was regarded as one of Britain's greatest living inventors. He was best known for his BayGen clockwork radio, which he began work on in 1991 while watching a documentary about Aids in Africa that highlighted the value of educational radio programmes in tackling the spread of HIV.

"Before the show was over I was into my studio and I managed to get a bark of sound out of an instrument and that was, if you like, my eureka moment," he recalled.

A first working prototype of the radio ran for 14 minutes and, after Baylis appeared with it in 1994 on *Tomorrow's World* on BBC One, it was put into mass production in Cape Town, South Africa by a company that employed disabled workers to manufacture it.

In recent years Baylis complained of financial difficulties after revealing he had received little of the profits from sales of the device, and he urged the government

to introduce stronger legal protection for inventors.

However, his instinct to innovate did not leave him and in 2003 he told the *Guardian* that ideas still came to him out of the blue. "If you can solve a problem then you are well on your way to being an inventor," he said.

Other inventions included his electric shoes, which he demonstrated in 2001 while completing a 100-mile (160km) walk across the Namib desert in southern Africa to raise money for the Mines Advisory Group charity.

Born in May 1937 in Kilburn, north-west London, Baylis's first job was in a soil mechanics laboratory in Southall where a day-release arrangement enabled him to study mechanical and structural engineering at a technical college.

At the age of 15 he swam for Great Britain, and he later spent time as a stuntman, as well as working in sales. An edition of *People of Today 2017* credits him with a stint as an "underwater escape artist" in Berlin.

Among the people paying tribute on Monday were those who credited him with transforming lives with his radio.

The International HIV/AIDS Alliance, which supports community groups in countries that were most affected by the crisis, said it hoped Baylis's legacy would inspire other inventors to develop creative solutions to strengthen the response to HIV.

“Trevor’s radio invention was inspired by an urgent need to provide accurate information about HIV at a critical point in the epidemic when many people did not have access to information,” said Shaun Mellors, of the charity.

Others shared personal stories, including Russell Conway, who recalled seeing one of Baylis’s radios in action in a small shack in a village in Malawi while on a bird-watching expedition.

“About 30 of the locals were listening intently to a football match. Communication is important and he will have saved lives. So true that nobody wants to be the richest person in the graveyard,” he tweeted.

Stephen Kelly, chief executive of the software company Sage, described Baylis as “a man that exemplified true grit and determination to successfully produce the wind-up radio despite initial rejection”.

STATION UPDATES

VATICAN RADIO

Vatican Radio news cuts leave gap to fill

John Phillips, The Italian Insider

2 JANUARY 2018

VATICAN CITY – Mornings will not be the same for tens of thousands of expatriates in Rome and elsewhere in 2018 after the Holy See over the past few months axed **Vatican Radio’s** long-running English and French main morning and lunchtime news programmes as part of budget-saving reforms of the tiny city state’s media operation.

Christopher Altieri, the respected anchor and news editor of the English service of **Vatican Radio**, made his last broadcast as anchor for the radio station last Saturday. Just a tiny number of news programmes accessible online only may survive the cuts being implemented and listeners who used to enjoy the incisive bulletins by Mr Altieri and his team and their highly-professional French counterparts now have to make do with a brief bulletin of news in Italian.

The cuts have been implemented with surprisingly little fuss. When I worked for the **BBC External Services** in Bush House as a trainee talks writer nearly 40 years ago proposals by the British Foreign Office to cut some language services to save money were

met with a public outcry in the UK and the FCO mandarins were forced to back down.

In Rome, instead, the Italian media and the sleepy diplomatic corps have virtually ignored the demise of the two radio news services and the job losses entailed for dedicated broadcasters most of whom were paid a fraction of what they might have earned in their home countries for similar work. Against a background of relentless political interference with Italy’s beleaguered state broadcasting corporation **RAI**, the English and French services of Pope Francis’ station were on the whole a remarkable source of objective news, invaluable to the foreign press corps and other foreign communities, not least because the **BBC World Service** in the meantime has ended its short-wave transmissions to most of western Europe.

Indeed the history of **Vatican Radio** as a beacon of free news goes back to the Second World War, when for example its Polish service continued to beam independent reports on events in Poland even when the Eternal City surrounding the Vatican was under Nazi occupation.

Of course anyone technologically savvy enough can still listen to the **BBC World**

Service on a computer, but it would be impractical to set up a laptop in the bathroom while shaving, an activity that for journalists is as inseparable from listening to the news during their morning routine as nursing a hangover or lighting the first cigarette.

On 27 June 2015, Pope Francis, in a *motu proprio* ("on his own initiative") apostolic letter, established the Secretariat for Communications in the Roman Curia, which absorbed **Vatican Radio** effective 1 January 2017, ending the organization's 85 years of independent operation

On March 24 last year, **Vatican Radio** made its final English-language shortwave transmission to Asia after 59 years of service to the continent.

Vatican Radio has been losing money annually. With its absorption into the Curia's Secretariat for Communications, the Prefect of the Secretariat, Monsignor Dario Viganò indicated that he planned to pare down short-wave radio operations and institute cost control measures in the service's other broadcast operations

A **Vatican Radio** source told the Insider: "the English section recognizes the loss of the morning news bulletin as a significant

one for the listening public, both locally – in Rome and throughout Italy – and, more importantly, around the world."

"It was, however, an operational necessity. The reform of Vatican media underway under the direction of the Secretariat for Communications is interested in two things -- lowering costs of operation and bringing the 'message' under control."

"These goals appear incompatible with the independent (in an editorial sense) and autonomous (in an institutional sense – remember that 'Vatican Radio' no longer exists as an editorially independent and institutionally autonomous outfit, but is in essence a brand name recalling journalistic activities that were the stock-in-trade of the leading language sections of what used to be **Vatican Radio**."

The demise of the English service to a shadow of its former self, together with the debacle of the French service, raises the question whether Rome might see a revival of one of the other English radio services that provided news and entertainment in Italy in the past including **WIDN**, the radio arm of the *International Daily News*, and the radio service of the old *Rome Daily American*, both publications that went out of business in the 1980s.

[Ed. Note: Fast forward about ten weeks and...poetic justice?]

Francis accepts resignation of Vatican's communications czar after Benedict letter scandal

Mar 21, 2018

by Joshua J. McElwee, National Catholic Reporter

VATICAN CITY — Pope Francis has accepted the resignation of the head of the Vatican's new streamlined communications office, Italian Msgr. Dario Viganò, a week after his mishandling of a letter from retired Pope Benedict XVI provoked a global outcry.

The Vatican announced Viganò's resignation March 21, marking a stunning downfall for a 55-year-old prelate who less than three years ago was given the charge to consolidate and restructure the city-state's various media entities.

In an unusual move, the Vatican also provided the letters exchanged between Viganò and Francis, in which the monsignor asks "to be set aside" from his now former role as

head of the Secretariat for Communications and the pontiff accepts the request.

Francis however asks Vigano to take up a new and undefined role at the Secretariat as an "Assessor" to advise the new prefect, once that person is named.

"In recent days many controversies have arisen regarding my work, which beyond my intentions, has destabilized the complex and great work of reform that you entrusted to me in 2015," Vigano told Francis in a March 19 letter.

"For the loved of the church and of you, Holy Father, I ask you to welcome my desire to be set aside, leaving myself, if you desire, to be available to collaborate in other ways," he asked.

Francis responded March 21: "Following our most recent encounters and after having reflected at length and attentively considered the motivations of your request to make 'make a step backwards' from direct responsibility for the Dicastery for Communications, I respect your decision and I welcome, not without some struggle, your resignation."

Vigano had been criticized in recent days for choosing to withhold portions of a letter he had solicited from Benedict about Francis on the occasion of the launch of a new book series exploring Francis' theology.

While Vigano read aloud from the letter at the series' launch in Rome March 12, images of it sent to the media obscured two lines at the bottom of the letter's first page. Days later, the Vatican released the full text of

the letter, making clear that while Benedict had praised Francis he had also expressed concern about one of the authors in the book series.

The withholding of material led some Catholics to charge that the Vatican was inappropriately misusing the words of the retired pope. Others questioned why Vigano thought it necessary to solicit Benedict's approval, given the former pontiff's promise at his retirement to withdraw from public life.

In a statement, the Vatican press office said that until Francis names a new prefect for the communications office it will be led by its current second-in-command, Msgr. Lucio Ruiz.

Vigano had been serving as the director of the Vatican Television Center when he was appointed the prefect of the new communications office in June 2015. In the new role, he was charged with unifying under one umbrella nine separate media entities, including the press office, **Vatican Radio**, the Pontifical Council for Social Communications, and the Vatican publishing house.

The prefect had been a divisive figure among his staff. Some have quietly expressed disagreement with a number of his initiatives, including the decision to let go of the globally known **Vatican Radio** brand in favor of a new central clearinghouse called Vatican News, and to stop the city-state's radio broadcasts everywhere but in Italy.

[Joshua J. McElwee is NCR Vatican correspondent. His email address is jmcelwee@ncronline.org. Follow him on Twitter: [@joshjmac](https://twitter.com/joshjmac).]

CHINA RADIO INTERNATIONAL

Beijing consolidates national broadcasters

Mar 21, 2018

Association for International Broadcasting

According to a report in the South China Morning Post, China is planning to merge

its state television and radio networks into one mega broadcaster in an overhaul that, the report says, is designed to tighten the Communist Party's grip on public opinion and burnish the country's global image.

China Central Television (CCTV), China National Radio (CNR) and **China Radio International (CRI)** will be consolidated into a new broadcaster that is to be called **Voice of China** – a name that is reminiscent of international broadcasters at the height of the Cold War.

“Our senior editors are convening meetings to convey the news this afternoon,” said a source who talked to SCMP and who requested anonymity. Another source at CCTV also confirmed the merger to the newspaper.

A document introducing the changes began circulating on social media on Tuesday. It says the consolidated group will sit directly under the State Council, China’s cabinet, and will be led by the party’s Central Publicity Department.

It also outlines changes to the propaganda unit and the Central Organisation Department – two already powerful agencies that will have even more heft after the revamp.

CONVENTIONS AND MEETINGS

2018 NASB Annual Meeting Notice

The 2018 Annual Meeting of the **National Association of Shortwave Broadcasters** is less than two months away. It will take place on Thursday and Friday, May 17 and 18, at SonSet Solutions (formerly the HCJB Global Technology Center) in Elkhart, Indiana.

Everyone with an interest in shortwave radio is welcome to join us -- broadcasters, listeners, consultants, equipment manufacturers, academics, etc. There’s no charge to attend the meeting, and even some of the meals are free. All you need to pay for is your transportation to Elkhart and your hotel accommodation. All of the details can be found on our webpage, www.shortwave.org. Then click on Annual Meeting Info.

The NASB held its annual meeting at the HCJB Global Technology Center several years ago. Since then, its name has changed to SonSet Solutions, but it continues to focus on missionary radio technology as well as

The propaganda department will absorb the country’s top media watchdog – the State Administration of Press, Publication, Radio, Film and Television – taking over its regulatory power on news, publications and film.

According to the document, **Voice of China’s** main duties will be to “promote the party’s theories, principles and policies”, “coordinate and organise major propaganda coverage”, “strengthen the ability to shape public opinion”, “improve its global communication capabilities”, and “tell the China story well”.

Under President Xi, Beijing has also grown increasingly eager to be heard in a world it sees as dominated by Western narratives that are unfair and biased against China.

CCTV rebranded its international English-language news channel as CGTN in a move some observers say is to distance itself from Chinese state media.

technology for better health around the world. Charlie Jacobson and his team will show us around the facility and let us know more about their activities, including shortwave transmitter and receiver manufacturing.

We are planning to have other presentations at the meeting from George Ross of **Trans World Radio**, Dr. Dowell Chow of **Adventist World Radio**, John Tayloe and Ray Robinson of the **Voice of Hope** (which operates **KVOH** in California and stations in Zambia and Israel), Dr. Jerry Plummer of **WWCR**, myself and my wife Thais from **WRMI**. We’ll also have representatives from **WEWN** in Birmingham and **World Christian Broadcasting** (which operates **KNLS** in Alaska and **Madagascar World Voice**). Charles Caudill, President of World Christian Broadcasting and of the NASB, has just announced his retirement. He will be in Elkhart to introduce his successor, Andy Baker.

Jerome Hirigoyen of **Telediffusion de France** and other overseas broadcasters will also be in attendance. And Dr. Kim Elliott, recently retired from the audience research department at the **Voice of America** and host of the popular *Radiogram* program, will talk about his experiences broadcasting digital programs on analog shortwave transmissions. There might even be a special edition of *Radiogram* that can be picked up on a SonSet Solutions receiver. By the way, Kim Elliott is a native of Elkhart.

One of the highlights of the meeting will be the Thursday evening group dinner at Das Dutchman Essenhaus, an excellent Amish restaurant in nearby Middlebury, Indiana, to enjoy typical down-home Amish cooking.

If you can join us, just go to www.shortwave.org, and on the Annual Meeting Info page you can register online for the meeting. Again, registration is free, but you need to register to let us know you are planning to attend. You will also find information about the hotel where most of us will be staying near SonSet Solutions and how to make reservations there.

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DRM DEVELOPMENTS

DRM — for Large Regions AM is being revitalized through Digital Radio Mondiale

By Nigel Fry

(The author is head of distribution for the **BBC World Service**.)

Radio World International

The **BBC World Service**, available on radio, TV and online, is part of one of the largest news organizations in the world, the BBC. The weekly reach of the World Service on all platforms accounted for 269 million (up from 246 million in 2015–16).

Not long ago the World Service announced its biggest expansion since the 1940s, in a move designed to bring its independent journalism to millions more people around the world, including in places where media freedom is under threat.

The World Service expansion includes new services in Afaan Oromo, Amharic, Gujarati, Igbo, Korean, Marathi, Pidgin, Punjabi, Serbian, Telugu, Tigrinya and Yoruba — as well

as enhancing existing services in Russia, Africa and around the Arab world.

Large numbers of the BBC's audience still need international radio broadcasts. Historically, people listened to **BBC World Service** in English and BBC language services through shortwave radio for an impartial news service. And the audiences remain high; last year the World Service radio audience was 154.5 million. The largest shortwave markets are West Africa, Central Africa and across South and South East Asia. Medium wave is of importance in the Arabic-speaking world and West Asia.

Benefits

Right from its late '90s inception, the development of Digital Radio Mondiale was fully supported and enhanced by the **BBC World Service**. DRM was seen as an efficient replacement for the analog AM transmissions. When we consider scarcity

of spectrum for new uses and appreciate the characteristics of the radio broadcast bands, we recognize the tremendous properties these continue to offer broadcasters to deliver programs over sometimes very large distances and areas or in difficult terrain. Digitizing these bands with a system such as DRM offers many more benefits to the audience and broadcaster.

For example, we serve one of our markets with 32 low-power FM transmitters (each with a radius of about 40 km) and about 20 percent of the country is covered. Apart from the electricity costs for these FM transmitters, there are operational costs to do with staffing, service and maintenance. In the future, one single DRM shortwave transmitter using a near-vertical incidence and a power consumption of 6 kW could offer at least two very good audio services (plus data) and 100 percent territorial coverage. Eight million households in cities and remote areas could be covered and the support costs considerably reduced.

Where medium-wave frequencies and sites exist, multi-channel (therefore multi-lan-

guage, too) DRM broadcasts can be offered at improved quality, with reduced energy bills and running costs. Unlike analog, DRM allows one frequency to be used repeatedly for the same service over a large area (a single-frequency network), making more efficient use of the spectrum. DRM can transform the quality of the services on the AM bands to be clear and free of any of the interference and distortion. DRM provides text information and images, to complement programs offering thus an enhanced experience to the listener.

Recommended by ITU, DRM digital broadcasting has been proven to work excellently in the shortwave and medium-wave bands. These bands remain key for international broadcasting delivering services without constraints of local "gatekeepers," in our case allowing millions of people access to BBC News content free of charge. The radio markets are still there, the need for good quality audio with data enhancements is there. The BBC is keen to exploit DRM in order to deliver, to key markets, BBC content free of gatekeepers in a form that can be accessed easily.

Convergence: Opportunity or Dead End Digital radio can be a part of intelligent convergence if we give it a chance

By Ruxandra Obreja, Chair of the DRM Consortium

Radio World International

I was recently invited to chair a "convergence and digital radio" session at an international "Asia meets Europe" conference held in Romania.

When I asked the audience how often they had sat through such sessions in the past years, almost everyone in the audience raised their hand. When I asked them to define convergence in two or three words, there was no rush.

As a notion, digital convergence has been around for at least 40 years. Nicholas Negro-

ponte, the MIT guru, defined it some decades ago as being all about bits, or rather bits and bytes. Simply put, most of us understand digital convergence as combining multiple (digital) technologies into one.

At first glance digital, converged technology allows 2.4 billion people to have instant access to the world's knowledge, mainly on their smartphone, the ultimate converged "black box." Others say that it is much more than that: a process, a new way of understanding and engaging with the world.

Digital convergence is part of a much-repeated set of labels that also includes phrases like the digital revolution, virtual reality, augmented reality, hybrid reality, artificial intelligence and so many more. It

is a label but also part of a reality in which Generation Z (those born after 1995) are using digital formats at the expense of traditional radio (at least in the United States).

The idea of digital convergence did take a knock however when the dot-com bubble burst in the late 1990s.

This showed us that old media (TV and radio) couldn't be entirely replaced by the Internet or new media. At the same time, though, old media would not be able to survive in its splendid analog isolation.

Many thought radio was primed for a big fall to all things Internet. But this did not happen and in the process the medium gained an aura of great resilience, which is still strong today, despite the new threat from digital services.

Paradoxically, radio has always had inherent convergent attributes. Radio creates VR or AR in the mind; it is immersive (you can get lost in the story); it can be localized, even personalized; and it uses (real, not artificial) intelligence as it builds on the greatest of all media ingredients: storytelling.

But in the new converged world, the younger — and not so young — listener or consumer is used to being part of the story, to engage and interact. And analog radio cannot satisfy this newly acquired necessity.

It is true that not everything one hears on the radio needs to be reacted to, voted on or shared. It also means that there is a new relationship between being passively entertained and actively engaged, impossible without "the bits and bytes."

Digital convergence in 2017 is a fusion between new and old media with digital radio as part of the mix. Radio is no longer just in the audio business but can produce long-form text, use Internet material, supplement the audio with pictures and even carry short live video (in DRM this is called Diveemo), satisfying the need for depth and raising curiosity.

Now how about the one single digital device

presenting this diverse, digital content? The idea of the unique and magic black box has already been proven wrong. Digital radio can be delivered through digital TV but at a high cost. Digital TV cannot fully replace radio, while it can carry it as part of its bouquet of digital channels. Besides, have you ever thought of carrying your huge plasma TV in the shower to listen to the morning show?

We can get emails on the phone but still use a lap-top with full Internet and email features. Other better boxes complement the one "black box." While digital radio incorporated in mobiles but delivered terrestrially remains a dream, digital radio delivered through the mobile networks is just a digital and money waste. Mobile streaming has an astronomical price tag when compared with the average cost of digital terrestrial broadcasting.

A DRM transmitter, for example, can cover up to thousands of kilometers. How many cell phones do you need for that? Probably no smartphone, 4G or IP will wipe out direct terrestrial broadcasting to car radios, the standalone receivers and, one day, mobiles with incorporated digital radio. It will just add to the many ways in which interesting digital content reaches the listener.

Convergence and aggregation at the level of content must be doubled by varied and appropriate digital distribution channels. There is not one single black box or one single cable or wave that is cheap, converged and ready to solve all the ambitions of broadcasters or users. The sooner broadcasters begin to implement convergence where it works and stop trying to converge at any price, the better.

At the end of the conference session held in September, we concluded that convergence was new and old woven with intelligence in new creative ways. We must hurry, though, as, according to Negroponte, "biotech is the new digital" and we are soon to ingest our information.

I, personally, am not ready to swallow my radio yet.

A Streamlined Approach to DRM Receiver Design

Software defined radio turns digital radio reception into an application

By Martin Speitel and Alexander Zink

Martin Speitel is head of Infotainment Group at Fraunhofer IIS. Alexander Zink is senior business development manager for Digital Radio and Streaming Applications at Fraunhofer IIS.

Radio World International

Software Defined Radio (SDR) turns the hard-wired, task-specific and very elaborate chip development of the past into a flexible software-based design running on a generic, efficient and mass-produced hardware platform. It is not a new concept, but it is becoming a reality in more and more technical systems. Digital radio receivers are one major example for SDR technology, because modern processor platforms offer enough computing power to build almost the complete radio functionality in software.

Advantages

This approach offers great advantages for both the radio architecture itself and the companies developing and using the radio receiver technologies. The software development becomes widely decoupled of the hardware development. The selection of software vendors is independent of the providers of the underlying hardware platform.

In some cases, it makes sense to optimize the software for processor families to reduce the overall system power and extend battery lifetime. Still, the well-tested and field-proven software that encapsulates all digital radio functionality can easily be ported to the next generation of hardware. Existing products can be enhanced to support future functional upgrades or even completely new radio standards.

Especially in the production chain of car radio systems, the selection of the final

software components, which are typically dependent on the target market and required feature set, can be carried out at the end of the production line. This prevents the time-consuming need to swap hardware components, or the costs involved with provisioning multiple hardware options. Even after the shipment of a car to the customer, the radio system can be upgraded with latest features over the vehicle's extensive lifetime.

In consumer radios, the SDR technology offers the possibility to implement multiple radio standards on the same hardware. This allows for a low-cost hardware production on a mass scale, even if the devices need to support different radio standards in different markets. Likewise, the addition of DRM functionality to existing hardware platforms has proven that the extra effort — and thus cost to support DRM on those products — is drastically reduced compared with new developments from scratch.

In the current world of mobile phones, analog FM reception is a feature in several markets. It grants users access to latest information without the need for expensive data plans or mobile network coverage typically only found in big cities.

An Application

This is particularly true for emerging markets in Asia, Africa and South America, which are of high interest to the industry due to their growth potential. For those markets, the addition of DRM reception in the FM band can easily be designed into upcoming phones as no hardware changes are required. Even DRM networks for large-area coverage in the AM bands are supported through USB plugins.

Thanks to DRM's SDR approach, digital radio reception effectively becomes an applica-

tion — but one that is independent of IP traffic and mobile network infrastructure. This presents a major USP to mobile phone manufacturers, for whom it has become increasingly difficult to compete on other relevant features due to the uniformly deployed Android platform.

In future, customers will quickly demand DRM digital radio support when selecting new phones the same way they demand analog FM support today. This is thanks to DRM's free-to-air services with all their added-value features, such as Journaline advanced text services, EWF Emergency Warning Functionality, and increased diversity of program offerings at a significantly improved quality.

Finally, professional equipment, such as monitoring receivers, measurement systems

or head-ends for in-house radio distribution, benefit greatly from SDR implementations, as they can constantly be upgraded to follow the latest standard upgrades and continuous feature enhancements.

In summary, the SDR approach for digital radio reception helps bring down cost and at the same time speeds up the development of versatile and feature-rich radio receivers. Its benefits apply to all classes of receivers — from professional equipment to low-cost kitchen radios and mobile solutions. It enables manufacturers with flexibility and constantly growing maturity, which is hard to achieve with a traditional, hardware-centric radio architecture. The SDR approach is a key component for the availability of affordable and complete DRM radio sets and receiver solutions.

Kuwait- Information Min. opens updating shortwave transmitters' project at Kabd

3/8/2018 11:27:24 AM

Kuwait News Agency

Minister of Information Mohammad Al-Jabri on Thursday opened a project updating shortwave transmitters from analogue to digital radio mondiale (DRM) broadcasting systems, at Kabd radio station.

This is a new achievement for the ministry to be added to a series of vital projects that aim to keep pace with the rapid technical progress around the globe, Al-Jabri told KUNA and the Kuwait TV.

Kabd station, through the new DRM system, will allow "Kuwait's voice" to reach the entire Middle East region, Europe and Asia, he noted.

Kuwaitis have planned and supervised the project, the minister said, noting that updating the infrastructure of radio stations aims to cope with latest digital broadcasting development, the minister said.

Al-Jabri praised officials, and all the personnel at the ministry's Engineering Affairs Sector, for their hard sincere efforts. 

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. 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. 

Listener's Notebook

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Times are UTC and frequencies in kHz.

AFGHANISTAN Fair signal of *Radio Afghanistan* External Service on Feb. 22:

from 1600 on 6100 YAK Urdu, co-ch KCBS in Korean from 1630 on 6100 YAK Arabic no signal/only KCBS (DX Mix-Bulgaria)

ALASKA Summer A-18 frequency changes of *KNLS The New Life Station*, March 25:

0800-0900 NF 9655 English tx#1, ex 11870 A-17
0900-1000 NF 9655 Russian tx#1, ex 11870 A-17
0900-1000 NF 9730 Chinese tx#2, ex 11885 A-17
1000-1100 NF 7355 English tx#1, ex 9690 A-17
1100-1200 NF 6185 Russian tx#1, ex 11870 A-17
1200-1300 NF 6045 English tx#1, ex 11870 A-17
1300-1400 NF 6075 Chinese tx#1, ex 9655 A-17
1300-1400 NF 7395 Chinese tx#2, ex 9920 A-17
1400-1500 NF 6075 English tx#1, ex 11765 A-17
1500-1600 NF 6075 Chinese tx#2, ex 9920 A-17
1500-1600 NF 9730 Russian tx#1, ex 9655 A-17
1600-1700 NF 9730 Russian tx#1, ex 9655 A-17
1600-1700 NF 9655 Chinese tx#2, ex 9920 A-17
1700-1800 NF 9730 Russian tx#1, ex 9655 A-17
1700-1800 NF 9655 Chinese tx#2, ex 9920 A-17 (DX Mix-Bulgaria)

6045, *KNLS*, 1236, March 26. A vast improvement here now that A18 has started; gone now is the 1200-1400 former mess of VOA & jamming by CRN1; instead a good signal from Alaska with no QRM; in English; preaching; ID; religious songs. (Ron Howard-CA)

ANGOLA 4974.75, *Radio Nacional de Angola*, Mulenvos, 1824-1910, 23-02, Portuguese, comments, news, IS. "Radio Nacional de Angola". 15331. (Méndez-Spain/PlayDX) 4949.74, R. Nacional de Angola, 0311, March 14. Decent reception with frequent clear IDs; earlier (about 0200) had het from AIR Radio Kashmir, Srinagar on 4950.0. (Ron Howard-CA)

ARMENIA Summer A-18 changes of *Trans World Radio India* via Yerevan and Grigoriopol:

1245-1445 NF 9910 ERV Various langs, ex 12055

ERV A-17
1300-1450 NF 9330 ERV Various langs, ex 9410
ERV A-17
1345-1445 NF 13870 KCH Various langs, ex 12160
TAC A-17
(DX Mix-Bulgaria)

AUSTRALIA A-18 schedule of *Reach Beyond Australia* in English

1115-1130 on 15575 KNX English Mon-Wed/Fri
1145-1200 on 11905 KNX English Sat/Sun
1200-1230 on 9685 KNX English Fri
1230-1245 on 9685 KNX English Mon-Sat
1245-1300 on 9685 KNX English Daily
1315-1330 on 15320 KNX English Mon/Wed/Fri
1300-1330 on 9610 KNX English Sun
2115-2130 on 9800 KNX English Sun/Mon/Wed-Fri
2230-2300 on 15410 KNX English Mon-Fri
0000-0015 on 15400 KNX English Thu/Sat
(DX Mix-Bulgaria)

4835, John Wright in Australia advises that *Ozy Music Radio*, Razorback, is now testing, ex-5045, 1kw, inverted V; John is doing the QSLing, reports to dxe1234@gmail.com. (Berg-MA) 4835 NF, Ozy Radio, ex: 5045, March 28. Craig's first day here; by 1240 no longer with any QRM; weak Ozy signal fading in and out (unusable); heard mostly music and occasional announcer (still unusable); luckily my local sunrise today was at 1359, so I was able to catch a positive "Waltzing Matilda" at 1406, after the news, which was the only meaningful detail I could pull in. (Ron Howard-CA)

5055, *4KZ*, 1105-1143, March 15. Finally, a day with above threshold level audio; pop hit songs by Queen, Lionel Richie, Diana Ross, etc. 1200-1205 news with many sound bites, but not quite readable; as usual, best in USB, due to China QRM from 5050. (Ron Howard-CA)

5045, *Ozy Radio*, still silent through March 15, at a quick 1111 check, while 4835 was covered by OTH radar. (Ron Howard-CA) E-QSL for Ozy Radio 5045 kHz. John Wright says: "Since the end of February we are relocated to 4835 from another location in Australia. So currently we are off air. I have attached the latest magazine Australian DX News

from the Australian Radio DX Club, ARDXC and a membership form". (Giovanni Sergi-Italy/wwwdx BC-DX TopNews March 13)

11865, **Reach Beyond Australia**, via Kununurra, eQSL in 6 days. Report in English sent to: radio@reachbeyond.org.au. (Hubert Wilczyński-Poland/DX Fanzine)

AUSTRIA Summer A-18 of **Oesterreichischer Rundfunk-1** eff. from March 25:

0500-0620 on 6155 MOS German Mon-Fri
0500-0610 on 6155 MOS German Sat/Sun
(DX Mix-Bulgaria)

Summer A-18 of **Radio Joystick** via MBR Moosbrunn from April 1:

1000-1100 on 7330 MOS German 1st Sunday
(DX Mix-Bulgaria)

5975, **Radio Japan** (now announced as "Radio Japan of the NHK World Japan Network") heard at 0500 on 5975 on Mar 25 confirming A-18 frequencies in line with new published sked: 0500-0530: 5975-Austria, 9860-Vatican, 11970-France; 1100-1130: 11695-Singapore; 1400-1430: 11705-Palau, 11935-Uzbekistan. Sadly, the 1800 and 1930 broadcasts have been cancelled. (Alan Roe-UK)

BHUTAN 6035, **BBS & PBS Yunnan** (Voice of Shangri-La). On March 11, with the normal Sunday programs for BBS, but with greatly extended broadcast (1338*); BBS not heard recently. Highlights: 1123-1130 BBS announcers in English; mixing with PBS Yunnan, in Chinese. 1131 Usual ID in English & Chinese; "S W liu(6) ling(0) san(3) wu(5). Yunnan Radio and Television International, the Voice Shangri-La." 1130-1200 BBS playing pop songs in English; DJ in English; mixing with PBS Yunnan in Chinese. 1201 PBS Yunnan started the usual loop of non-stop EZL instrumental music, till cut off at 1213*. 1200 BBS announcer in vernacular; briefly played indigenous instrumental music at 1216 & 1218; in the clear after 1213. 1230-1255 The normal Sunday children's call-in show (cute!), with kids briefly chatting and then singing solo (no musical accompaniment). 1255-1300 Indigenous music/chanting/singing. 1300+. Announcer in vernacular. 1330 till suddenly off at 1338* - Call-in show for adults, with them briefly chatting and then singing solo (no musical accompaniment). Poor reception, with moderate to heavy adjacent QRM. Very nice to catch this unusually long broadcast. (Ron Howard-CA)

BRAZIL 4895, **Radio Bare** of Manaus - Amazon. Good News. In a conversation that I had with the tropical wave technician Joseph he reported that he will return at any time of 2018 in tropical waves to transmit mainly to coastal regions of the legal Amazon. (Daniel Wyllyans-Brazil via Ron Howard-CA)

BULGARIA **End Times Coming ETC Radio** Ex-Catholics For Christ:

1900-1930 on 9400 SCB English. Frequency 9400 probably will be change to 11590 from March 25. (DX Mix-Bulgaria)

CHINA 6035, **PBS Yunnan**. New happenings here! Either cutting off at 1200* or if running somewhat past. March 20 - no musical loop at 1201, but announcers, in Chinese, continued on till cut off at 1206*. March 22 - no musical loop at 1201; with greatly extended schedule; in Chinese; still on the air at 1351+. (Ron Howard-CA)

6115 // 9505, **Voice of Strait**, during a brief check at 1142, on March 18; both with fair reception; only // for about an hour. (Ron Howard-CA)

CLANDESTINE Radio Munansi Dave Franz of WWRB announced that this target broadcast to Uganda would resume on WWRB weekends on 15240. It was previously heard in 2016 and early 2017 on SaSu from 1600-1900 in vernaculars, but the new schedule has yet to be confirmed. It was heard in progress at 1515 tune-in on Sunday 25 February with African music; programming in vernaculars started at 1600 and it continued until at least 2100. Fair reception initially on 15240 but very weak after 1800. (Observations by Dave Kenny, Alan Roe-UK/British DX Club) Good signal of Radio Munansi via WWRB Global 2 on March 24:

1400-2000 on 15240 **WRB** Luganda Sat/Sun
(DX Mix-Bulgaria)

Oromo Voice Radio/Raadiyoo Sagalee Oromoo was back on shortwave eff. from March 1:

1600-1630 on 17850 ISS Oromo Mon/Wed/Sat
(DX Mix-Bulgaria)

Summer A-18 of **Voice of Oromo Liberation** via MBR Nauen from March 25:

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

Radio Ndarason Internationale is still Dandal Kura, but in a state of transition - we remain Dandal Kura until official registration is complete, and here in Chad this can take a while. We are in partnership with the Lake Chad Basin Commission committed to promoting dialogue in the region that will lead to stability, peace and progress. Ndarason is a Kanuri language word that means "everywhere you go" - or, other words - the radio that follows you around. (David Smith Directeur/Director, Okapi Consulting via Ron Howard-CA) Summer A-18 of Radio Dandal Kura Int:

0500-0600 on 5960 ASC Kanuri, A-17 on same
0500-0600 NF 7220*ISS Kanuri, ex 5950 B-17
0600-0700 on 7415 ASC Kanuri, A-17 on same
0600-0700 NF 11910*ISS Kanuri, ex 7415 B-17
0700-0800 on 13810 WOF Kanuri, A-17 on same
1800-2000 NF 11830*ISS Kanuri, x 11670 B-17
1800-2100 on 12050 ASC Kanuri, A-17 on same
*Radio Dandal Kura International or new Ndarason Radio International (DX Mix-Bulgaria)

Summer A-18 of **Radio Herwa International** via WRMI and TDF from March 25 at new time:

1900-1930 on 11530 YFR Hausa/Kanuri, ex same
B-17 1930-2000
1900-1930 NF 11625 ISS Hausa/Kanuri, ex 9580
B-17 1930-2000
(DX Mix-Bulgaria)

Summer A-18 new frequency of **Radio Republica** via TDF Issoudun:

0200-0400 NF 7350 ISS Spanish, ex 9490 A-17/B-17
(DX Mix-Bulgaria)

Radio Xoriyo Ogaden via TDF Issoudun, March 26/27:

1600-1630 on 17870 ISS Somali Mon/Fri, weak to fair.
1600-1630 on 17630 ISS Somali Tue/Sat, fair signal.
(DX Mix-Bulgaria)

Summer A-18 frequency changes of **Furusato no Kaze** and **Nippon no Kaze**

1330-1400 NF 9455 TSH Japanese Furusato no Kaze, ex 9900
1500-1530 NF 9685 TSH Korean Nippon no Kaze, ex 9900
(DX Mix-Bulgaria)

Kurdish station **Radyoya Dengê Welat** (Voice of the Homeland) broadcasts on behalf of the Dutch-based Firat News Agency, a Kurdish news agency that gathers and broadcasts news from the Middle-East. Radyoya Dengê Welat appears to have replaced Dengê Kurdistanê (Voice of Kurdistan) on shortwave. It broadcasts in various Kurdish dialects and targets Kurdish listeners mainly in Turkey. Website: <https://anfenglish.com/>. (Tony Rogers/BDXC Middle East on SW) Summer A-18 changes of Alyx & Yeyi Dengê Welat, updated:

0230-0500 on 9525 ISS Kurdish
0230-1530 on 4810 ERV Kurdish
0230-1600 on 7520 ERV Kurdish, or 0230-1500
0500-1400 on 11530 KCH Kurdish
1400-1500 on 11530 ISS Kurdish
1500-1900 on 11530 ISS Kurdish, not 9525
1600-2100 on 7320 ERV Kurdish, or 1500-2100
1900-2100 on 11530 KCH Kurdish, not 9525
(DX Mix-Bulgaria)

Reception of **BRB Voice of Amara Radio** via TDF Issoudun, March 17:

1700-1800 on 15360 ISS Amharic Mon/Wed/Sat/
Sun, fair.
(DX Mix-Bulgaria)

Voice of Wilderness via BaBoCk Tashkent, March 4:

1330-1530 on 7625 TAC Korean, good
(DX Mix-Bulgaria)

Frequency change of **Voice of Freedom** from March 5:

0300-0800 NF 5919vCHC Korean, ex 6045
0900-1500 NF 5919vCHC Korean, ex 6045
1600-2000 NF 5919vCHC Korean, ex 6045
2100-0200 NF 5919vCHC Korean, ex 6045
(DX Mix-Bulgaria)

Very good signal of **Radio Herwa International** via TDF Issoudun and WRMI, March 26:

1930-2000 on 11625 ISS Hausa/Kanuri, registered
1900-1930
1930-2000 on 11530 YFR Hausa/Kanuri, blocked
by Dengê Welat!
(DX Mix-Bulgaria)

Reception of **Radio Itahuka** via MBR Talata, March 24:

1800-1900 on 15420 MDC Kirundi Sat, good (DX

Mix-Bulgaria) 15420, R. Itahuka, 10/3 18.00, radiotahuka@gmail.com Kirundi MX buono. (Roberto Pavanello-Italy/PlayDX)

6040 (ex: 5935), *Shiokaze/Sea Breeze*, via Yamata, at 1316, on March 26. In Japanese; fair-good, as the N. Korea jamming was still down on ex 5935. Will take a few days to change and start jamming 6040. (Ron Howard-CA)

17850 *Voice of Independent Oromiya*- Issoudun. Just checked this freq at 1600 (March 5) and was surprised they were here and signing on, on a Monday, although the listings I've seen indicate Sun xmsn. Good signal at peaks but super deep fades. Nice HOA horn music IS at 1600 s/on and then OM clearly IDing in English for Voice of Independent Oromiya. Then bassy OM live ancr and then alternating with YL. The audio is definitely jamming, a white noise that sounds like a waterfall crashing on rocks or something like that. (Ralph Perry-IL)

DENMARK In SWB 1894 there are some misunderstandings regarding *World Music Radio (WMR)*. First of all, WMR is not a pirate station, but a legal, licensed radio station broadcasting from Denmark. WMR has been a legal station for tens of years. You need to go back to the 1960's and 1970's when WMR was an unlicensed station in The Netherlands. So, this is really old information claiming WMR is a pirate station. And no, the transmitter site is not Karup. That was in 2004-05. 5840 / 5839.994. The transmitter site - since relaunching on January 7, 2018 at 0000 is near Randers, Denmark. And the broadcasting hours are 24/7, so no reason to write "still on at 2200". The power is only 100 W into a simple Inverted V aerial, so reception is rarely good very close to the transmitter site and very far from the transmitter site. Reception varies according to time of the day. By midday reception is good in most of Scandinavia, Germany, Benelux and parts of the UK. After dark hardly any reception in Northern Europe, but sometimes fair reception in Central Europe and weak reception in Southern Europe. So far only one reception report from outside Europe has been received by mail There is no on-air date for 927 and 15805 yet. More information on <http://www.wmr.radio> and <https://www.facebook.com/WorldMusicRadioWMR/>. (Stig Hartvig Nielsen-Denmark/Shortwave Bulletin)

5840, *World Music Radio*, eQSL in 15 days. Report in English sent to: wmr@wmr.dk. (Christian

Ghibaudo-France/DX Fanzine) 5840, World Music Radio, 1635-1720, 10-03, pop songs, Latin American songs, id. "World Music Radio...". 15321. Also 0558-0620, 11-03, English pop songs, Brazilian songs, Latin American songs in Spanish, id. "World Music Radio...". 25432. (Méndez-Spain/PlayDX)

EGYPT Summer A-18 frequency changes of *Radio Cairo* from March 25:

0400-0600 NF 15310 ABZ Swahili, x 15530 A-17
1400-1600 NF 15300 ABS Pashto, ex 15800 A-17
1900-2000 NF 9605 ABS Russian, ex 9685 A-17
2215-2330 NF 9710 ABS Portuguese, ex 12005 A-17
2330-0045 NF 9660 ABS Arabic, ex 12005 A-17
0045-0200 NF 9665 ABS Spanish, ex 9745 A-17
(DX Mix-Bulgaria)

EQUATORIAL GUINEA 5005, *Radio Nacional de Guinea Ecuatorial*, Bata, 0529-0545, 20-02, Spanish, program "Panorama Nacional", "Desde los estudios de Radio Nacional de Guinea Ecuatorial". Very weak but for moments clearly audible. 15321. (Méndez-Spain/PlayDX)

ETHIOPIA 5940, *R. Deegaanka Soomaalida* - Jijiga. This relatively new station is still operating here for A18 in Somali, noted at 1935 with talks and instrumental music, a signal on Mar 28. (Rob Wagner-Australia)

FRANCE Summer A-18 changes of *Radio France International*, March 25:

0600-0700 NF 11830 ISS English, ex 11905
(DX Mix-Bulgaria)

Summer A-18 changes of *Telediffusion d'Algerie* via TDF:

0400-0459 NF 6050 ISS Arabic, ex 7295 A-17
0600-0659 NF 9620 ISS Arabic, ex 9535 A-17
1900-1959 NF 11985 ISS Arabic, ex 13820 A-17
2100-2259 NF 5930 ISS Arabic, ex 7495 A-17
(DX Mix-Bulgaria)

Lutheran World Federation/Voice of Gospel via MBR Issoudun on March 26:

1830-1900 on 15315 ISS Fulfulde Sawtu Linjilia,
fair to good
(DX Mix-Bulgaria)

GERMANY Reception of *DWD Deutscher Wetterdienst* on March 26:

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

Summer A-18 of *Mighty KBC Radio* via MBR Nauen from March 25:

0000-0200 on 5960 NAU English Sun till May 05
0000-0200 on 9925 NAU English Sun from May 06
0000-0200 on 5960 NAU English Sun from Sept. 02
(DX Mix-Bulgaria)

Summer A-18 of *New Shortwave Radio for Europe* from March 26:

1000-1200 on 6160 WIS English Mon-Sat
1200-1400 on 3975 WIS English Mon-Sat
1400-1600 on 6160 WIS English Mon-Sat
1600-1800 on 3975 WIS English Mon-Sat
1800-2000 on 6160 WIS English Mon-Sat
2000-2200 on 3975 WIS English Mon-Sat
(DX Mix-Bulgaria)

Deutsche Welle, Performance and Strategy: Deutsche Welle states that they took English and French off shortwave due to a "great decline in usage". For the remaining services the further development will be monitored and, if necessary, action be taken. Following figures of weekly reach have been revealed: Amharic 25 percent in 2007, 5 percent in 2014. They add that this is still more than VOA Amharic with 3 percent in 2014. Dari and Pashto: In 2013 9 and 8 percent, respectively, in 2016 1 and 2 percent. Here DW adds that other broadcasters saw "just" a reduction by 30 to 50 percent, not such a collapse, because they have more FM outlets in Afghanistan. DW states that its Arabic service is of great importance "due to the predominance of the Anglo-American perspective". Further planning's: More engagement in the USA "due to already existing and to be expected further conflicts in transatlantic relations". If they get sufficient funding: Launching a TV channel for Turkey (where they expect a possible need for circumvention tools in future) and language services in Yoruba, Igbo, Africa-Pidgin, Somali, Kurdish and Tamil. (Kai Ludwig-Germany/Worldwide DX Club)

5920, *HCJB Deutschland*, F/D Letter from "Neues Leben" (They produce the programmes of HCJB Germany), Multilanguage religious publication "The

Gospel according to Luke", CD with mp3 recording of programmes in Spanish scheduled for February/March 2018, Picture of their studio in Wolmersen in 9 days. V/S: Mark-Torsten Wardein, president. E-mail: radio-amigos@neuen-leben.de. Report sent to: info@hcjb.de. (Antonello Napolitano-Italy/DX Fanzine)

GREECE *Voice of Greece* is again in A-18 HFCC Database:

0000-0400 on 7475 AVL Greek
0000-0500 on 9935 AVL Greek
0330-0800 on 7450 AVL Greek
0400-0800 on 7475 AVL Greek
0500-0800 on 11645 AVL Greek
1900-2400 on 7475 AVL Greek
1900-2400 on 9915 AVL Greek
1900-0800 on 9420 AVL Greek
2000-0030 on 7450 AVL Greek
(DX Mix-Bulgaria)

INDIA Summer A-18 changes of *All India Radio* from March 25

0015-0430 NF 6140 ALG Urdu, ex 6145
0100-0200 NF 9620 DEL Sindhi, x 5990
0230-0300 on 7505 DEL Hin/Eng, additional
0230-0300 on 9800 BGL Hin/Eng, additional
0700-0800 NF 9950 DEL Nepali, x 9940
0830-1135 NF 6140 ALG Urdu, ex 6145
1115-1215 on 9810 PAN Tamil, A-18 deleted
1135-1140 NF 6140 ALG English, ex 6145
1215-1245 on 9810 PAN Telugu, A-18 deleted
1515-1600 NF 13695 BGL Gujarati, ex 11620
1515-1600 on 15175 PAN Gujarati, A-18 deleted
1615-1715 on 9595 DEL Russian, A-18 deleted
1615-1730 on 7505 PAN Hindi, A-18 deleted
1730-1830 on 7505 PAN Malayalam, A-18 deleted
1745-1945 NF 9910 BGL English, ex 17670
1945-2045 on 9950 DEL Hindi, A-18 deleted
2045-2230 on 9950 DEL English, A-18 deleted
2045-2230 NF 13750 BGL English, ex 11620
2245-0045 on 9705 PAN English, A-18 deleted
(DX Mix-Bulgaria)

4970, *AIR Shillong*, March 18, with the usual Sunday program "Country Roads"; 1235-1315; playing C&W songs (Tom Jones, Dolly Parton, etc.); must have been a substitute DJ, as normally it's hosted by a young woman with a very pleasant-sounding voice, instead of today's male DJ; several local "The North Eastern Service of All India Radio broadcasting from Shillong" IDs; at times fair. This show has been carried now for many years. (Ron Howard-CA)

17510, *All India Radio*, via Delhi Khampur, QSL card in 33 days. Report in English sent to spectrum-manager@air.org.in. (Hubert Wilczyński-Poland/DX Fanzine)

INDIA (ANDAMAN & NICOBAR ISLANDS)

4760, *AIR Port Blair* (presumed not to be AIR Leh [Kashmir]). On March 1, reported above average reception here; now on March 3, even better reception! Is this just the result of improved Indian propagation? Heard above threshold level as early as 1128; some ads and a lot of subcontinent music/singing; heard past 1300+. QRM as usual from strong CODAR. (Ron Howard-CA)

INDONESIA 3325, *NBC Bougainville & Pro 1 RRI Palangkaraya*, 1038-1112 & 1143-1230, March 17.

Both stations taking turns fading up and down; at times about equal strength; 1100 RRI suddenly doing better with local ID and local news, followed as usual at 1108 with full rendition of patriotic song "Bagimu Negeri," which ended the news; NBC cut off at 1159*, leaving RRI in the clear; 1201 the normal Jakarta audio feed/relay of the news; 1222 very surprised to hear only about 20 seconds of the patriotic song "Bagimu Negeri" before they cut away for a series of commercial announcements (this is a new and never before heard format!), normally they play the full, long rendition of "Bagimu Negeri"; 1225 Barbra Streisand singing "The Way We Were"; a number of "Programa Satu RRI Palangkaraya" IDs. (Ron Howard-CA)

IRAN Summer A-18 frequency changes of *PARS TODAY VIRI IRIB* from March 25. All transmissions via tx site Ahwaz 250 kW moved to tx site Sirjan 500 kW! (DX Mix-Bulgaria)

KOREA (SOUTH) 4885, *Echo of Hope - VOH*, 1252 & 1302, Feb 28. Brief anomaly with them being off the air, but at 1328 check noted on the air; rare that they are silent; always heard with fair-good reception and never any N. Korea jamming. (Ron Howard-CA)

6350, *Echo of Hope - Voice of Hope*, on March 17, at 1240; doing very well with N. Korea jamming being silent; 1246 clear "V O H" ID. (Ron Howard-CA)

KYRGYZSTAN 4010, *Kyrgyz Radio*, F/D E-QSL in 7 days. E-mail: public@ktrk.kg. (Jürgen Waga-Germany/DX Fanzine)

LIBERIA 6050, *ELWA Radio*, Monrovia, *0630-0650, 11-03, English, religious songs. 24322. (Méndez-Spain/PlayDX)

MADAGASCAR Summer A-18 frequency changes of *WCB Madagascar World Voice*:

Radio Feda

1900-2000 NF 11965 MWV Arabic tx#1, ex 11945 A-17

KNLS New Life Station

1900-2000 NF 9755 MWV Russian tx#2, ex 9820 A-17 (DX Mix-Bulgaria)

6135.0, *Radio Madagasikara* (presumed). Tuned in at 1325 (March 22) to hear very faint audio (unusable); signal slowly improved to the level that the language indeed sounded correct to be them. At 1349 station went off the air for a bit, but noted again at 1352; some commercial announcements; 1357 instrumental "Bridge Over Troubled Water"; "presumed," as I heard no specific station ID, but am very confident was them. Was wonderful to hear this again, as it has been many years since I last heard them on this frequency! My local sunrise was at 1408, while Antananarivo sunset was at 1459. (Ron Howard-CA)

MONGOLIA 12085, *Voice of Mongolia*, Ulaan Baatar, 1000-1020, 11-03, English, "Welcome to the Voice of Mongolia in English", comments, pop songs in English. 24432. (Méndez-Spain/PlayDX)

NIGERIA Fair signal of *Voice of Nigeria* on March 20:

0600-0700 on 7254.9 AJA Hausa

0700-0730 on 7254.9 AJA French

(DX Mix-Bulgaria)

OMAN *Radio Sultanate of Oman/Nation Station/Oman FM 90.4MHz* on March 11:

1400-1500 on 15140 THU English, powerful signal

(DX Mix-Bulgaria)

PALAU Summer A-18 change of *World Harvest Radio Int T8WH Angel 4* from March 25:

1430-1600 on 9930 HBN English Sat/Sun, ex

11805 in A-17

(DX Mix-Bulgaria)

PAPUA NEW GUINEA Communications minister, Sam Basil, says he plans to grow radio services in PNG. He marked this week's World Radio Day by saying radio is a medium that reaches the widest audience, including vulnerable communities in remote parts of the country. Mr. Basil has announced the medium and shortwave services of the state broadcaster, NBC, will be restored, and that the corporation will migrate from analog to digital technology. He said new stations will be opened in Jiwa-ka and Hela and that a new NBC headquarters will be built. (Shortwave Bulletin-Sweden)

3260, **NBC Madang** not broadcasting March 2 and March 6 at 1040-1201. (Ron Howard-CA) 3260, NBC Madang, Maus Blong Garamut (indigenous drums), 1134-1203*, March 13. Just as with Bougainville, this station was also well above the norm; DJ in Pidgin and gave phone numbers; segment started and ended with garamut (indigenous drums); promo and public service announcement in English (info on surviving a landslide, etc.); DJ in Pidgin playing pop Pacific Islands music; after 1201, in English (must be a Port Moresby audio feed); several promos for "NBC Radio"; cut off 1203*. Another entertaining reception! (Ron Howard-CA) 3260, NBC Madang, Maus Blong Garamut, 1017-1033, March 18. As usual on Sunday, religious preaching and some religious songs; extremely early closing, as noted off the air at a 1122 check and subsequent checking was still silent. (Ron Howard-CA)

PAPUA NEW GUINEA (BOUGAINVILLE) 3325, **NBC Bougainville**, 1039, March 18 (Sunday). In Pidgin; all religious programming; 1102 the usual "NBC Bougainville" promo with musical montage; 1102+ mostly non-stop religious songs; cut off before 1200; at times mixing with Pro 1 RRI Palangkaraya. (Ron Howard-CA)

PERU Information from MTC - Peru:

3365 **OAW7L** 1 kW New licence to Melquiades Tapia Condori. Av. Diagonal Angamos N°2300, Urb. Las Fucias, distrito de Wanchaq, provincia de Cusco, departamento de Cusco. (Tore B Vik-Norway/Shortwave Bulletin)

4810, **Radio Logos**. Tuned in a few minutes ago at 1050 (Mar 24) and surprised to hear nice signal from presumed Logos, no anmts yet, just techno pop OA songs. CODAR swishing but signal leaking out nicely toward lower side. Tarma 4775 also quite okay right now. (Ralph Perry-IL)

4930 **OAW7M** 1 kW New licence to Roosbelt Bellido Cahuascanco, Av. Bolívar N° 127 — Comunidad Ccapacchiani, distrito de Pitumarca, provincia de Canchis, departamento de Cusco. (Tore B Vik-Norway/Shortwave Bulletin)

6030 **OAD6A** 1 kW New licence to Empresa Radio Difusora Roy Juarez E.I.R.L., Calle La Libertad No 105, Distr de Moquegua, Prov de Mariscal Nieto Dept de Moquegua. (Tore B Vik-Norway/Shortwave Bulletin)

PHILIPPINES Summer A-18 changes of **Radio Veritas Asia** from March 25:

1430-1457 NF 9610 PUG Urdu, ex 11630 via SMG 1500-1557 NF 11675 PUG Filipino, ex 15620 SMG (DX Mix-Bulgaria)

Good signal of **FEBC Radio** on Feb. 23:

1115-1200 on 15330 BOC Karen (DX Mix-Bulgaria)

Vatican Radio via Palauig-Zambales on March 6:

2315-2400 on 9600 PUG Vietnamese, fair (DX Mix-Bulgaria)

17700, **R. Pilipinas**, 0210, March 14. Segment "From the presidential palace Manila, Dateline Malacañang"; news from the "PBS News Center"; "Provincial Report" with regional news (joint maritime security engagement activities conducted by Philippine Navy [units from Mindanao] and the Royal Australian Navy, etc.); "DFA Online, news and events from different Philippine embassies and consulates around the world," about overseas Filipino workers. Only this frequency was very readable, with 15640 // 17820 both poor and unreadable. (Ron Howard-CA)

PIRATE (EURO) Radio Europe (Europe) is a quite new appearance on shortwave between 5830 and 5835 in the evening hours. The station is coming from the Ukraine and should not be mixed up with the Italian one also active on shortwave. Often heard with rock music in presumably Russian or Ukrainian language without ID. Reports can be sent to serg104-130@rambler.ru. (Axel Röse-Germany/British DX Club)

RUSSIA Summer A-18 sked of **GTRK Adygeya/Adygeyan Radio** from March 25:

1800-1830 on 6000 ARM Ad/Ar/Tu Mon
1830-1900 on 6000 ARM Adygeyan Mon
1800-1900 on 6000 ARM Adygeyan Fri
1900-2000 on 6000 ARM Adygeyan Sun
(DX Mix-Bulgaria)

5940, **Radio Rossii Kamchatka**. Extremely pleased to receive a eQSL from Radio Rossii Kamchatka (GTRK Kamchatka). Is wonderful to receive a second Russian eQSL this year (first was from Radio Sakha). In 11 days for a reception report (along with link to my audio file), in Russian (Google translator), sent to and received from: OTK <otk@kamchatka.tv>. The eQSL is in English. (Ron Howard-CA)

7200, **Radio Sakha**. Me-too'ing Ron Howard's successful QSL of Sakha, I sent an EG/RS e-follow-up to an original postal report from 2002 (which I had followed up with an e-report in 2004), plus the original MP3 file, to nvk-qls@mail.ru, and received back in one month an e-mail (in RS): "Dear Jerry Berg! Thank you very much for the report on the reception. We sent you an e-QSL in the attached file. We hope that you will continue to listen to us. Regards. NVK-Sakha." Very nice. "Never give up."
--GLD. (Berg-MA)

7295, **Radio Sakha**, via Yakutsk. *0900- Mar 24. New abbreviated schedule! Recently only noted *0900-1000*; not being heard 1100+, 1200+, nor up till 0500*. Glad to learn that Manuel Méndez, Dave Valko and Jerry Berg all have rec'd their eQSL from station. Reception reports to nvk-qls@mail.ru. (Ron Howard-CA/Shortwave Bulletin)

SAUDI ARABIA Summer A-18 unregistered frequencies via Jeddah and Riyadh:

0000-2400 on 11745 JED or RIY Arabic BSKSA
Al-Azm Radio
0300-1000 on 9715 RIY 100 kW Arabic HolyQuran
R. Riyadh
0900-0700 on 11860 JED or RIY Arabic Rep. of
Yemen Radio
0900-1200 on 15120 RIY 500 kW Bengali Radio
Saudi Inter
(DX Mix-Bulgaria)

SINGAPORE **Radio Japan NHK World** via BaBcoCk Kranji, March 12:

1300-1345 on 11685 SNG Bengali, good
(DX Mix-Bulgaria)

SOUTH AFRICA Good signal of **Channel Africa** on March 5:

1600-1655 on 15235 MEY French Mon-Fri
1700-1755 on 15235 MEY English Mon-Fri
(DX Mix-Bulgaria)

A-18 frequency changes of Channel Africa in English eff. from March 26:

0400-0455 NF 6180 MEY English Mon-Fri, ex 5980 A-17
0600-0655 NF 11980 MEY English Mon-Fri, ex
15255 A-17
1700-1755 NF 11745 MEY English Mon-Fri, ex
15235 A-17
(DX Mix-Bulgaria)

SPAIN Summer A-18 of **Radio Exterior de España** is same as A-17:

1400-1800 on 15520 NOB Spanish Sat/Sun
1400-1800 on 17715 NOB Spanish Sat/Sun
1400-1800 on 17855 NOB Spanish Sat/Sun
1400-1800 on 21620 NOB Spanish Sat/Sun
1800-2200 on 15390 NOB Spanish Daily
1800-2200 on 15520 NOB Spanish Daily
1800-2200 on 17715 NOB Spanish Daily
1800-2200 on 17855 NOB Spanish Daily
(DX Mix-Bulgaria)

SRI LANKA The station had two bad transmitter breakdowns a few months ago. But spares have arrived and expect the full schedule of AWR, DW services that it carried from A-18 season. (Victor Goonetilleke-Sri Lanka 4S7VK/TopNews)

Very good signal of **FEBA Radio** via BaBcoCk Trincomalee, March 26:

1330-1345 NF 11580 TRM English Mon, ex 1345-
1400 on 9775
(DX Mix-Bulgaria)

SUDAN Good signal of **Radio Omdurman** Sudan on March 26:

0526 & 0600 on 7205 ALF Arabic
(DX Mix-Bulgaria)

SWAZILAND Good signal of **TWR Africa** via Manzini, Feb. 28:

1905-1935 on 9940 MAN Lingala
1935-1950 on 9940 MAN French
(DX Mix-Bulgaria)

3240, **TWR Swaziland**, 7/03/18 0258, opening with jingle and ID "this is TWR Swaziland" repeated several times. Then talks until 0323 followed by mx. At 0329 change of language, ann. by YL and ID "Radio Transmundial ...". Choirs until 0334. Then talks and at 0345 jingle and s/off. (Giovanni Carboni-Italy/PolayDX)

9500, **TWR Swaziland**, eQSL in 4 days. Report in English sent to: lstavrop@twr.org. (Hubert Wilczyński-Poland/DX Fanzine)

TAIWAN Summer A-18 cuts of **Radio Taiwan Int'l** in Japanese/Russian/French from Mar 25. Final day of via BaBcoCk in Dhabayya will be on March 24. (DX Mix-Bulgaria)

More A-18 cuts of **Radio Taiwan Int** from March 25:

1100-1200 on 7445 PAO English
1500-1600 on 11685 PAO English

Summer A-18 of **Radio Taiwan Int** in English from March 25:

0300-0400 on 15320 PAO English
1600-1700 on 9405 PAO English
(DX Mix-Bulgaria)

Reception of **Radio Taiwan International** on March 10:

1100-1200 on 12030 TSH Russian, fair
(DX Mix-Bulgaria)

6230, **Sound of Hope**, 1411-1425+, **March 28. News segment with brief** musical bridges that are played between items; the same music has been used for many years, which certainly helps ID SOH; 1421 clear ID in English for "Sound of Hope," otherwise in Chinese; fair reception, listening in LSB to get away from VMW (Australia Weather West), which is in USB. Very rare to catch CNR1 (China) jamming SOH here. Recently have been monitoring SOH here and find they occasionally give these IDs in English, but are rather random and not at any set time, so it may take considerable listening before one hears them. (Ron Howard-CA)

9774.0, **Fu Hsing BS** (presumed), 1107, March 8. In Chinese and with some music; weak signal and best in LSB, but definitely here; still on at 1154; hovering at threshold level audio. During my daily monitoring, this has not been heard by me for a

long time now, so definitely is a rare catch for me! BTW - Their // 9410 was blocked by strong CNR5 (// 5925), so unable to confirm //. (Ron Howard-CA) 9774.0, Fu Hsing BS, at 1137 & 1240, March 9. Off the air today, after being heard yesterday. So, a one day only transmission? Will still keep an eye out here for any more activity. (Ron Howard-CA) 9774.0, Fu Hsing BS, 1232, March 12. Last heard here on March 8; stronger reception today and clearly // 9410, even with the usual CNR5 QRM, so certainly is Taiwan on their usual unique frequency; in Chinese and EZL songs. Would be very nice if they started to regularly use this frequency again! (Ron Howard-CA)

TAJIKISTAN Fair signal of **Voice of Tajik** on March 14:

1300-1400 on 7245 DB English
(DX Mix-Bulgaria)

UNITED KINGDOM BBC World Service budget savings in 2018/19 will result in these changes: Hausa - Radio is being moved to Nairobi with the loss of the 1400 and 1930 transmissions. Somali - Radio is being moved to Abuja with a loss of the 1400 and 1800 transmissions along with the 1100 weekend transmission. Arabic - All bulletins between 0700 and 0300 will move to Cairo. "World at One" and "World at Six" programmes move to Amman. Two editions of "Extra" move to Cairo. Urdu and Indonesian - broadcasts will be relocated to within the region. Its understand that these changes won't take place until after the summer. (Message sent to World Service staff 15-26 Feb/ British DX Club)

USA The Broadcasting Board of Governors (VOA, etc.) has released its fiscal year 2019 budget proposals and operational plan. I've only had a chance to skim through everything, but some key points: Addition of three "newer" transmitters at Greenville for Radio Marti broadcasts. I am guessing that "newer" means units brought in from other sites that are being closed. Closure of the Poro, Philippines site in 2018 (or is this already gone?). More consolidation of broadcasts at the Kuwait transmitting station with additional transmitters and antennas. Big cut to the operational budget of Radio Marti with more sharing of resources with VOA Spanish. So, more frequencies, but programming cuts. Further phasing out of shortwave operations except for areas where "shortwave is still relevant." Large cuts in radio to the Middle East; more emphasis on social media. Once again,

vague proposals on closing more SW transmitter sites, but no specifics. Investment in automation to further cut operational costs. Much, much more in the proposal, which has around 140 pages. (Stephen Luce-TX/TopNews)

WBCQ The Planet Announces New Shortwave Radio Facility (Plymouth Meeting): WBCQ announced today (March 2) that it is building one of the most powerful and versatile radio stations in the world. WBCQ's new shortwave radio station, now under construction in Monticello, Maine, features a new 500-kilowatt transmitter from Continental Electronics and a state-of-the-art antenna system from Amepegon Antenna of Switzerland. The new station, funded by private investors, will be able to direct a powerful shortwave signal to any country on Earth. Our new facility is planned to be a showcase for the radio world and is dedicated to our free speech mission. The new station is planned to commence operations in fall 2018. (Press Release and supplemented by Larry Will talk during Pirate Forum at Winter SWL Festival)

WRMI on 5010 from 0000-2400 English/Spanish. (Wolfgang Bueschel-Germany) We hope to have 5010 on the air by March 25. We're working on it now. We will be using one of the existing antennas. Incidentally, we did use a few years ago 5015. I forget which antenna we used with that, but it was one of the existing antennas. So, we should be on the air with 5010 by March 25 if all goes well. All the best. (Jeff While-FL via Wolfgang Bueschel-Germany)

Summer A-18 of **KVOH Voice of Hope America** from March 25:

1400-1900 on 17775 VOH Spanish Mon-Fri
1900-2100 on 17775 VOH Spanish Tue/Thu
1500-1900 on 17775 VOH English Sat
(DX Mix-Bulgaria)

VATICAN Reception of **Vatican Radio** - Holy Mass in English on Feb. 23:

1130-1200 on 15595 SMG English Fri, very good
1130-1200 on 17590 SMG English Fri, very weak
(DX Mix-Bulgaria)

Radio Veritas Asia via SM di Galeria on Feb. 26:

1430-1457 on 11630 SMG Urdu, strong
(DX Mix-Bulgaria)

Radio Veritas Asia via SM di Galeria on March 15:

1500-1557 on 15620 SMG Filipino, good
(DX Mix-Bulgaria)

Radio Japan NHK World via SM di Galeria on March 9:

1930-2000 on 9485 SMG English, very good
(DX Mix-Bulgaria)

ZAMBIA A-18 of **KVOH Voice of Hope Africa**, all unregistered in HFCC:

0500-0800 on 9680 LUV English Mon-Fri tx#1
0500-0800 on 11680 LUV English Mon-Fri tx#2
1600-1900 on 4965 LUV English Mon-Fri tx#1
1600-1900 on 6065 LUV English Mon-Fri tx#2
1200-1700 on 9680 LUV English Sat/Sun tx#1
1200-1700 on 13680 LUV English Sat/Sun tx#2
1700-1730 on 9680 LUV English Sunday tx#1
(DX Mix-Bulgaria)

Fair signal of **KVOH Voice of Hope Africa** on March 11:

from 1400 on 13680 LUV English Sat/Sun tx#2
(DX Mix-Bulgaria)

13680, **Voice of Hope**, Lusaka, *1200-1230, 11-03, English, id. "From Zambia, this is The Voice of Hope Africa", DX and Media program "Wavescan". 34433. (Méndez-Spain/PlayDX)

ZANZIBAR Reception of **Zanzibar Broadcasting Corporation** on March 21:

1801-1810 on 11735 DOL English, good signal
(DX Mix-Bulgaria)

11735, **Zanzibar Broadcasting Corporation**, Dole, 1755-1820, 10-03, African songs, at 1800 time signals, English, id., male: "This is Zanzibar Broadcasting Corporation, the news...", news in English. 33433. (Méndez-Spain/PlayDX)

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 rdangelo@aol.com (please indicate in the subject that your contribution is for Listeners Notebook). Thanks!
73, Rich

Pirate Radio Report

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

Shortwave pirate broadcasting continued at a very brisk pace once again during the past month. Pirate broadcasting inevitably increases around major North American holidays. The only major holiday in April, St. Patrick's Day, the big Easter holiday weekend begins on March 30, Easter, is on April 1 this year. So, we can anticipate increased pirate radio activity Easter Sunday. Sometimes the Easter activity extends for a few days after Easter itself.

One major downside this month is that darkness propagation in North America continues with frequent excellent conditions, and seasonal static levels on the shortwave bands have begun a rapid return. The arrival of Spring brings favorable winter low levels of static to an end. The amount of darkness propagation paths also steadily declines as well.

Your editor saw many of you on March 1-3, 2018 at the 31st annual Winter Shortwave Listeners Fest at the Doubletree Guest Suites West in Plymouth Meeting, Pennsylvania. As always, pirate radio was among the numerous interesting topics covered at this NASWA-sponsored event. Two major highlights of this year's Fest were the announcement of the 2018 class of new inductees into the North American pirate hall of fame and a second announcement of forthcoming expanded service levels by WBCQ. The hall of fame inductee this year, only one station, was MAC Shortwave. Despite a highly unfortunate power outage in the Fest hotel that extended through much of Philadelphia and the east coast, the entire Fest managed to go on as scheduled. Power was restored in the hotel just as I checked out.

Pirate busts by the FCC during the past month were mostly concentrated in the New York City metro area and in Florida as usual. The FCC issued a Notice of Unlicensed Operation to the Department of Public Works in Glen Cove, NY for operating base and mobile stations on 450.0 Mhz without

the required license from the FCC. The FCC issued a Notice of Unlicensed Operation to Arthur Ware of Des Moines, WA for operating an FM pirate on 88.3 Mhz from his business. The FCC issued a Notice of Unlicensed Operation to Eric V. Evans of Yuma, AZ for operating an FM pirate on 96.5 Mhz from his Yuma property. The FCC issued a Notice of Unlicensed Operation to Antonio Mendez of Elizabeth, NJ for operating an FM pirate on 99.7 Mhz from his property that created interference to the FAA. The FCC issued a Notice of Unlicensed Operation to Cascade Pacific Real Estate Services LLC of Fircrest, WA for operating an FM pirate on 88.3 Mhz from their property in Des Moines, WA. The FCC issued a Notice of Unlicensed Operation to Nelda Jean for operating an FM pirate on 91.7 Mhz from a multi-unit residential property in Hollywood, FL that she leases. The FCC issued a Notice of Unlicensed Operation to Troy Cheever for operating an FM pirate on 100.1 Mhz from his residence in Deltaville, VA. The FCC issued a Notice of Unlicensed Operation to Daniel Thelisma for operating an FM pirate on 90.9 Mhz from his residential property in Irvington, NJ. The FCC issued a Notice of Unlicensed Operation to Robert Bekune for operating (perhaps the same) FM pirate on 98.5 Mhz from the Powerhouse of Faith International Industries in Irvington, NJ. The FCC issued a Notice of Unlicensed Operation to 108 Field Place Realty LLC for operating an FM pirate on 98.3 Mhz from their building in Bronx, NY. The FCC issued a Notice of Unlicensed Operation to Parkash 1718 LLC for operating an FM pirate on 105.7 Mhz from their building in Bronx, NY. Once again this month the FCC issued no citations to shortwave pirates in the United States.

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

Captain Morgan Shortwave 6935.3v 0135-0203 2/24/18 S7. Prgm of piano & jazz mx. Xmtr drifted up. (Hauser-OK)

Clever Name R. 6900 0108 2/23/18 fair. Prgm promoting bubble gum, moving here from earlier bcst on 6910 kHz. (Taylor-WI)

Clever Name R. 6910 0146 2/23/18 fair. Prgm of punk/hard rock mx & promotion of bubble gum w/SSTV image at close. (Montney-MI)

Kirk R. 6930 2206-2235 3/7/18 good. Prgm of hip hop & dance mx, w/several IDs. (Montney-MI)

R. Olah 6930 2117-2128 2/25/18 fading in & out. Numerous SSTV images. Prgm of mx & tlk. (Taylor-WI)

Seven Threes R. 6920 2357-0005 3/6-7/18 fair. Prgm of hip hop & dance mx, w/several IDs. (Montney-MI)

Seven Threes R. 6920 0016-0027 3/7/18 fair. Prgm of rock & heavy metal mx. (Montney-MI)

Skippy R. 6930 0125-0140 3/4/18 mostly poor. Prgm of Irish mx & SSTV images. (Taylor-WI)

Skippy R. 6930 0146 2/17/18 fair. Prgm of American swing mx w/SSTV images. (Montney-MI)

V. of the Springfield Mission 6930 2230-2236* 3/7/18 fair. A combination of David Bowie mx & anmts by OM who said that he was the head of the Aryan nation where they burn logs that they don't like. Tnx Montney tip. (D'Angelo-PA)

V. of Pancho Villa 6935 2216-2236 3/3/18 mostly poor. The annual final event of the

Fest in Plymouth Meeting, PA. Bagpipe and rock mx mixed with comedy. Hrd numerous repeats of this show at other times. (Taylor-WI)

V. of Pancho Villa 6935 0146-2316* 3/3/18 fair. Prgm of rock and sketches featuring Pancho. Adios Amigos at QRT. (Montney-MI)

V. of Pancho Villa 6935 2304 3/3/18 S7. Prgm from the Winter SWL Festival, hrd actually prior to the 0500 sked bcst. Editor: the power failure in Plymouth Meeting was somehow gotten around by numerous bcsts hrd outside Plymouth Meeting. (Hauser-OK)

V. of Pancho Villa 6935 0045-0148 3/3/18 fair. Prgm from the Winter SWL Festival, w/ mentions of Tommy Kneitel, bagpipe mx, and sketches. Gave strange addr in Austin, TX. (Hauser-OK)

V. of Pancho Villa 6930 2302-2316 3/3/18 fair. Prgm of rock mx & remarks by Pancho, incl Adios Amigos at close. (Montney-MI)

WDRR 6960 0415 2/25/18 fair to good. Numerous SSTV images. Seemed to be relay via Wolverine R. (Taylor-WI)

Wolverine R. 6950 0121-0419 2/25/18 fair to good. Prgm of mx, tlk, & SSTV images. ID'ed as WDRR for a while, but gave Wolverine R. ID at QRT. (Taylor-WI)

Wolverine R. 6950 0133-0143 2/25/18 fair to good. Prgm of mx, tlk, & SSTV images. Seemed to ID as Drunken DJ R. near the close. (Hauser-OK)

XFM 4070 0439 3/4/18 fair to good. Prgm of mx, tlk, & SSTV images. Seemed to ID as Drunken DJ R. near the close. (Hauser-OK)

Yetti R. 6925 0125 2/23/18 fair until f/out. Prgm of rock mx & SSTV images. (Taylor-WI) 

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.

Contributors' Page

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Jerry BERG , MA	No equipment listed
Ed CICHOREK , Somerset, NJ	IC-R-75, Eavesdropper
Rich D'ANGELO , Wyomissing, PA	RX340, DX Sloper
Mick DELMAGE , Sherwood Park, ALB	Perseus SDR, Wellbrook ALA-100, Collins HF-2050, KLM 7-30 MHz log periodic
Jim EVANS , Germantown, TN	R75, ICF-SW7600G, Perseus, Eavesdropper, randomwire
Robert FRASER , Belfast, ME	YB 300, whip antenna
Vince HENLEY , Anacortes, WA	PL-380, NRD-525, R8B, ICF-2010, RX-340, Alpha-Delta DX Ultra, whip
Bill McGUIRE , Cheverly, MD	DX-380
John MILLER , Ochlocknee, GA	no equipment listed
Ralph PERRY , Wheaton, IL	R8B, NRD-545, E1, 355' bi-dir LW
Pamela PRODAN , Wilton, ME	YachtBoy 400PE
Alan ROE , Teddington, UK	WinradioG3DDC Excalibur, ELADFDM-S217m longwire
Ronald SIVES , South Plainfield, NJ	Eton field radio and 66' SWL dipole
David TURNICK , Sinking Spring, PA	RX340, WinRadio G31DDC, Alpha Delta DX sloper, 49m dipole
Jack WIDNER , Edinboro, PA	Sony 2010, 40ft longwire 

2000-30000 kHz

Loggings

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

- 3215 **UNITED STATES WWCR** Nashville, TN 0218- music, religious; poor 1/14 (Prodan-ME)
- 3240 **SWAZILAND Trans World Radio** - Mpangelo Ranch, 0332-0346* Jan 31, tuned in to a group vocal selection prior to a man announcer with a long religious talk in the listed Ndaul language. Station ID and closedown announcement at 0345 followed by IS and carrier cut. Fair. (D'Angelo-PA/FCDX)
- 3310 **BOLIVIA Radio Mosoj** Chaski - Cochebamba, 2336-0005 Jan 30, man announcer in Quechua followed by vocal selection before a woman announcer began speaking in the Spanish language.. Fair. (D'Angelo-PA/FCDX)
- 3310 **BOLIVIA Radio Mosoj** Chaski 1/30 as early as 2353, slow cyclical fades, music & talking but no ID heard. Obliterated by CAP stations after 0009. Was not heard the night before (nor the night after). (Widner-PA)
- 3325 **INDONESIA RRI** Palangkaraya (presumed), 2219-2251 Jan 30, man announcer with talk in presumed Indonesian language hosting program of Indonesian music. Very. (D'Angelo-PA/FCDX)
- 3345 **SOUTH AFRICA Channel Africa** - Meyerton, 0346-0407 Jan 31, feature in English language about corruption investigation followed by Sports Update. Rousing "Africa Rise and Shine" announcements by a man followed by rap vocal. Nice station ID by woman announcer before news stories. Poor to fair. (D'Angelo-PA/FCDX)
- 3925 **JAPAN Radio Nikkei 1** - Nagara, 1058-1140 Feb 1, woman announcer speaking in the Japanese language followed by a man announcer talking.. Poor (D'Angelo-PA/FCDX)
- 3955 **ENGLAND KBS World** - Woofferton, 2144-22-1* Jan 30, French language program with talks and some music interludes. Closedown announcements and instrumental music to close. Fair signal but amateur radio traffic marred reception. (D'Angelo-PA/FCDX)

- 3965 **FRANCE Radio France Int**, Issoudun, 03/03, 1935. French. "Musiques du monde" with talk and live sessions by musicians Bumba Massa and Kristel. DRM: 14dB. (Roe-UK)
- 3985 **GERMANY Radio Mi Amigo**, Kall, 02/15, 1830. English. Stuart Vincent program with a nice selection of oldies and some offshore reminiscences. 45444. (Roe-UK)
- 4055 **GUATEMALA Radio Verdad** - San Esteban, 1143-1203 Jan 31, Choir vocals noted with a man preaching afterwards. Fair. (D'Angelo-PA/FCDX)
- 4055 **HONDURAS Radio. Verdad** 1/30, in the clear and very strong 0001, little fading, ID and followed by musical flourishes between Spanish speaker. (Widner-PA)
- 4747 **PERÚ Radio Huanta 2000** - Huanta, 2329-2352 Jan 30, back on traditional channel with a man announcer with Spanish language talks hosting a program of OA vocals. Fair signal but very heavy CODAR QRM. (D'Angelo-PA/FCDX)
- 4750 **CHINA Voice of China** - Hailar, Nei Menggu, 11140-1204 Feb 1, man and woman announcers talking in the Chinese language. Nice a cappella male vocal at 1149 followed by a female a cappella vocal at 1153. Poor with CODAR QRM. (D'Angelo-PA/FCDX)
- 4765 **CUBA Radio Progreso** Spanish 0300-16 traditional Cuban music; fair 1/18 (Prodan-ME)
- 4774 **BRAZIL Rádio Congonhas**, 2228-2258 Jan 31, man announcer with Portuguese language talks hosting nice pop music program. Nice station ID by announcer followed by jingle station ID at 2233 before several songs. Poor to fair signal. Thanks to Dave Valko for the tip alert about this Brazilian station. (D'Angelo-PA/FCDX)
- 4775 **PERÚ Radio Tarma** - Tarma, 0002-0201* Jan 31, man announcer with Spanish language talk and station IDs with plenty of OA music. Music program continued to 0158 when a man gave nice station ID and frequency announcements closing broadcast. Instrumental music followed until carrier terminated. Poor at first but steadily improving to fair. (D'Angelo-PA/FCDX)
- 4800 **CHINA Voice of China** - Golmud, Qinghai, 1124-1146 Feb 1, man and woman announcers in Chinese language with flute music in the background. Some sort of dramatization at 1136. Poor to fair. (D'Angelo-PA/FCDX)
- 4810 **PERÚ Radio Logos** - Chazuta, 1055-1137 Jan 31, man announcer with religious talks followed by choir vocals. Another talk but fading by tune out. Fair signal but marred by loud pulsating noise; needed LSB while tuning. Poor. (D'Angelo-PA/FCDX)
- 4840 **UNITED STATES WWCR** Nashville, TN 1235-1255 "World Wide Country Radio" including Johnny Cash, Roy Acuff, Louvin Brothers; fair 12/30 (Prodan-ME)
- 4845 **BRAZIL Radio Cultura Ondas** (listed) 1/30, 2343 in Portuguese, announcer talking and not much else. No ID heard. Weak w/little fading. (Widner-PA)
- 4875 **BRAZIL Radio Difusora Roraima** Portuguese 0159-0207 Sta ID & frequencies then f pop singer in concert; poor-fair 1/16 (Prodan-ME)
- 4885 **BRAZIL Radio Clube do Pará** - Belem, 0439-0512 Jan 28, program of Brazilian pop vocals with a man announcer giving Portuguese language talks, station ID and formal frequency announcements at 0454. Fair. (D'Angelo-PA)
- 4885 **BRAZIL Radio Clube do Pará** Portuguese 0302-0400 upbeat Brazilian music; 0350 "Jambalaya" in English; 0352 m ann then Elvis "Kiss Me Quick"; fair 12/25 (Prodan-ME)
- 4920 **INDIA All India Radio** - Chennai, 1231-1244 Feb 1, a woman announcer with the news in the English language. At 1235 mentioned that was the end of the news.. Poor to fair with //5010 at poor level. (D'Angelo-PA/FCDX)
- 4925 **BRAZIL Radio Educacao Rural** 1/29 presumed, weak signal but Portuguese detected, mostly OM spkr. (Widner-PA)
- 4949 **ANGOLA Rádio Nacional de Angola** - Mulenvos, 0154-0235 Jan 31, continuous music until 4-time pips at 0200 followed by station ID and news in Portuguese language. . Poor to fair. (D'Angelo-PA/FCDX)
- 4955 **PERÚ Radio Cultural Amauta** - Huanta, 1043-1110 Feb 1, finally noted on last morning with a woman announcer speaking in the Spanish language followed by OA vocals by a male singer. Time check noted at 1054 followed by formal station ID at 1100 including instrumental music of El Condor Pasa. Poor. (D'Angelo-PA/FCDX)
- 4955 **PERU Radio Cultura Amauta**, 1/28, YL speaker 2348 in uncertain language & might be Quechua based on the music played; both the charango & accordion type music. . (Widner-PA)
- 4985 **BRAZIL Rádio Brasil Central** - Goiânia, 0031-0057 Jan 31, early the channel was covered with RTTY but no in the clear with fair signal playing Brazilian pop vocals and plenty of station IDs and announcements in the Portuguese language. (D'Angelo-PA/FCDX)
- 4985 **BRAZIL Radio Brasil Central** 0305-12 lively music; poor 12/9 (Prodan-ME)
- 5010 **INDIA All India Radio** - Thiruvananthapuram, 1231-1236 Feb 1, a woman announcer with the news in the English language. At 1235 mentioned that was the end of the news. Poor with //4920 at poor to fair level. (D'Angelo-PA/FCDX)

- 5010 **INDIA AIR**, Thiruvananthapur (pres), 02/21, 1845. English. Cricket commentary (of the T20 Int'l match South Africa v India). 25322. (Roe-UK)
- 5025 **CUBA Radio Rebelde** 2107- "The Great Pretender"; poor 12/30 (Prodan-ME)
- 5025 **CUBA Radio Rebelde**, Bauta, 02/12, 0715. Spanish. Spanish standards. Station being heard much later in the morning here than is usual. 35433. (Roe-UK)
- 5040 **INDIA AIR**, Jeypore (pres), 02/21, 1905. English. Cricket commentary (of the T20 international match South Africa v India). 25322. (Roe-UK)
- 5045 **AUSTRALIA Radio Oz** at 1456 UTC January 25 with Air Supply "Every Woman in the World". ID and frequency at 1459 UTC then "Georgie Girl". Good (Delmage, AB)
- 5085 **UNITED STATES WTWW** Lebanon, TN 0217-35 Theater Organ from the Ozarks; fair 1/14 (Prodan-ME)
- 5130 **UNITED STATES WBCQ** Monticello, ME 0000-0009 Radio Timtron, music; fair 12/24 (Prodan-ME)
- 5875 **THAILAND Radio Thailand** - Udorn, 1127-1129* Feb 1, man announcer with closing remarks in the listed Chinese language followed by familiar gongs. If they came on in the Japanese language at 1130 I didn't hear that. (D'Angelo-PA/FCDX)
- 5875 **UK BBC WS**, Woofferton, 02/18, 2030. English. Global Beats with a feature on Lebanese musicians in Beirut. 45333. (Roe-UK)
- 5885 **NORTHERN MARIANAS. RFA** from Tinian in KK. SIO 232, January 30, 2018, 1533 - 1537. OM and YL in conversation. YL anchor. Bumper MX between items. Generally poor signal, with much QRN. Contact information given. (Henley, WA)
- 5910 **ROMANIA Radio Romania Int**, Tiganesti, 02/25, 0200. Romanian. Radio Concert Season (replay of RRM broadcast) with an hour of classical music. 55444. (Roe-UK)
- 5915 **ZAMBIA Zambia National Broadcasting Corporation** (Radio One) - Lusaka, 0246-0314 Jan 31, fish-eagle IS until man announcer opening program in a local language. Tribal singing until news at 0300. Poor to fair.. (D'Angelo-PA/FCDX)
- 5920 **UNITED STATES WHRI**, Cypress Creek, 02/25, 0000. English. USA Radio News (with lots of adverts) followed by music. 45444. (Roe-UK)
- 5930 **GERMANY Pan American Broadcasting**, NAUEN, 02/25, 1935. English. Man with Christian bible preaching. 55444. (Roe-UK)
- 5940 **ETHIOPIA Radio Deegaanka** Soomaalida - Jijiga, 0403-0422 Feb 1, buried under Portuguese language station Radio Voz Missionaria in Camboriu, Brazil which was partially ID and then by noted //9665. Deegaanka Soomaalida noted with Horn of Africa music and possible Somali language talks. Very poor amid QRM. (D'Angelo-PA/FCDX)
- 5950 **FRANCE KBS World** - Issoudun, 2033-2101* Jan 30, French language program with talk by two women announcers and children's singing near closedown. A man and woman announcers with closedown announcements followed by instrumental music. Fair to good. (D'Angelo-PA/FCDX)
- 5950 **ETHIOPIA Voice of Tigray Revolution** - Addis Ababa, *0254-0307 Jan 31, familiar IS to opening announcements and music selections. Fair. (D'Angelo-PA/FCDX)
- 5960 **TURKEY Voice of Turkey** at 2315 UTC January 26 with very nice Turkish music. Letterbox program at 2324 UTC followed by Question of the Month at 2234 UTC. Very Good (Delmage, AB)
- 5960 **FRANCE NHK World Radio Japan** 2/3, 0320- 0400, in JJ; I had suspected that I was listening to a simulcast of a TV show when tuning in to this freq... SIO 333 (Sives-NJ)
- 5960 **TURKEY Voice of Turkey** English 2312-17 f ann - "another Arab spring," Trump's tweets, "US hegemony," "the old world order cannot continuefair-good 1/2 (Prodan-ME)
- 5970 **ALBANIA China Radio Int**, Cerrik, 02/25, 1729. German. Chinese traditional songs and reports by a man and a woman. 55555. (Roe-UK)
- 5980 **CHINA China Radio Int'l** in JJ. SIO 333, January 30, 2018, 1538 - 1543. YL anchor, background MX, listed target is Far East. Pop MX with F vocals. Listenable, but not easily. (Henley, WA)
- 5990 **CHINA China Radio Int'l** 1/13 at 0000. EE Svc with ID and report on Iran Good. (McGuire-MD)
- 6000 **CUBA Radio Habana Cuba** English 0235-57 "Music with a Message" Jackson Browne; good 1/14 (Prodan-ME)
- 6005 **GERMANY RAE Argentina**, Kall, 03/06, 1000. German. Talk by a woman (probably news) followed by Argentinian tango music. 25322. (Roe-UK)
- 6030 **CANADA CFVP** Calgary at 2240 UTC January 26 with comedy programming and IDs as "Calgary's Funny 1060". Very Good (Delmage, AB)
- 6030 **UNITED STATES Radio Marti** Greenville, NC 0050-0100 Spanish 2 m talking baseball, pitchers evidently - Clayton Kershaw, Lance McCullers, Chris Sale, Tanaka, Severino, Drew Darvish, Jon Lester, Jake Arieta; excellent 1/2 (Prodan-ME)
- 6030 **UNITED STATES Radio Marti**, Greenville, 02/12, 0905. Spanish. OM & YL talk - sounds
- 6040 **IRAN IRIB** 3/15 at 1940. Report on missiles in the Middle East 353 (Fraser-ME)
- 6050 **TURKEY Voice of Turkey** 2/17 at 1945. Olympic Games update. 353 (Fraser-ME)

- 6070 **CANADA CFRX** Toronto at 2236 UTC January 26 with News talk 1010 ID and weather for Toronto area. Very Good (Delmage, AB)
- 6070 **CANADA CFRX** 2/17 at 1940. Relay of CFRB 'Ten-Tem'. 353 (Fraser-ME)
- 6090 **ETHIOPIA Amhara State Radio** - Addis Ababa, *0256-0331 Jan 31, open carrier until IS started at 0258 followed by man announcer with clear "Amhara" mention in station ID. Local music until news at 0316 by a man and woman announcer. Poor to fair. (D'Angelo-PA/FCDX)
- 6110 **ETHIOPIA Radio Fana** - Addis Ababa, 2015-2101* Jan 30, terrific program of Horn of Africa vocals hosted by a man announcer with Amharic language talks. Closedown station ID and announcements followed by choral National Anthem. Fair. (D'Angelo-PA/FCDX)
- 6110 **ALASKA KNLS** religious broadcast in RR. SIO 555, January 30, 2018 1544 - 1555. OM anchor, slight, shallow QSB, otherwise a strong, clear signal. Pop MX in EE with M vocals. Listed language is Mandarin, but this broadcast is in Russian. ID at 1550, followed by contact information. More pop MX, F vocalist. (Henley, WA)
- 6115 **JAPAN Radio Nikkei 2** - Nagara, 1106-1139 Feb 1, woman announcer speaking in the Japanese language. Group discussion program from 1136 in Japanese. Fair. (D'Angelo-PA/FCDX)
- 6130 **ROMANIA Radio Romania Int'l.** 1/29, 0115- 0145, in EE; the History Show discussed architecture in Bucharest which had gone through several stages of development beginning in the mid-19th century, and the Cooking Show featured an extraordinary recipe for tripe soup. SIO 311(+) 1/30, 0100- 0155;
- 6130 **ROMANIA Radio Romania Int'l** English 0146-57 f Romanian singer, traditional music, made debut in 1942; fair 1/16 (Prodan-ME)
- 6130 **ROMANIA Radio Romania Int'l** 2/7 at 0100. EE Svc with National News. Fair. (McGuire-MD)
- 6134 **BOLIVIA Radio Santa Cruz** - Santa Cruz, 0037-0116 Jan 31, two male announcers with a long discussion in the Spanish language. Nice series of station IDs beginning at 0058 followed by more discussions. Fair to good signal. (D'Angelo-PA/FCDX)
- 6135 **BOLIVIA Radio Santa Cruz** nice signals and ID's of "Radio Santa Cruz -la Primera" (?) Music more like rock music, some pop, great signals 0014-
- 6145 **CHINA CNR1**, in CC. SIO 555, January 30, 2018, 1603 - 1612. Strong signal. OM anchor. MX with M vocals. This signal is obviously intended to block RTI on the same frequencies. (Henley, WA)
- 6145 **CHINA // 7300. CNR** in CC. SIO 555, February 3, 2018 1604 - 1610. CNR domestic broadcast and /or jamming. Popular MX, OM announcer. Listed target is Far East. (Henley, WA)
- 6150 **GERMANY Mighty KBC** 0005-0200 music, incl Beatles "Drive My Car," Fontella Bass; v good 1/14 (Prodan-ME)
- 6165 **CHINA Voice of Shenzhou** - Beijing, 1153-1219 Jan 31, woman vocals followed by a woman talking in the Chinese language. Music fanfare at 1200 followed by news. Vocal selections after the news. Poor to fair. (D'Angelo-PA/FCDX)
- 6180 **IRAN VOIRI** Spanish 0052-56 -0207 f Ann "esta programa"; fair w/static 12/13 (Prodan-ME)
- 6190 **MADAGASCAR World Christian Broadcasting** Spanish 0201- m ann, sta & prog IDs, "esta la Voz Alegre," then music; fair 1/4 (Prodan-ME)
- 6195 **SAO TOME Voice of America** English 2124-27 gospel quartet, then "Run Run Rudolf"; fair 12/24 (Prodan-ME)
- 6195 **UNITED KINGDOM BBC** 2/8 at 0300. News Day & talk on life on Mars. 33333 (Miller-GA)
- 6200 **CHINA Voice of Jinling** - Nanjing, 1227-1246 Jan 31, opening with male vocal selection followed by station ID and opening in the Chinese language. Program was a mixture of music and talks. Fair. (D'Angelo-PA/FCDX)
- 7234 **ETHIOPIA Voice of Peace and Democracy** - Geja Jewe (tentative), 0407-0434 Jan 31, tuned in to a vocal selection quickly followed by talk by a man announcer in listed Tigrinya language. Brief music at. Poor and audio seemed somewhat suppressed. (D'Angelo-PA/FCDX)
- 7300 **TAIWAN Radio Taiwan Int'l** - Danshui/Tanshui/Tamsui (Taipei province), 1214-1227 Feb 1, Chinese language drama program followed by nice vocal selection by a male singer. Fair to good. //6045 was poor. (D'Angelo-PA/FCDX)
- 7320 **CLANDESTINE Denge Kurdistan** - Yerevan, 2016-2200* Jan 30, Kurdish language talks by a man and woman announcers followed by nice music program. Weak at tune in but steadily improving to fair by closedown. n (D'Angelo-PA/FCDX)
- 7390 **CHINA China Radio Int'l** in Hindi. SIO 555, February 3, 2018, 1613 - 1623. Listed target is S. Asia. OM and YL in conversation / commentary. News of Ground Hog Day, some news clips in EE, Excellent signal. (Henley, WA)
- 7410 **VATICAN Radio Vaticana** at 1957 UTC January 26 with IS then sign on in Chinese at 2000 UTC. Very Good (Delmage, AB)
- 7490 **UNITED STATES WBCQ** 2/18 at 1400. Churches of Christ program. 554 (Fraser-ME)

- 7520 **UNITED STATES WWCR** from Nashville, religious broadcast. SIO 555, January 30, 2018, 0109 – 0113. OM with strong religious harangue, not Brother Stair. (Henley, WA)
- 7550 **INDIA AIR** at 2204 UTC January 26 in English with News. Sports at 2209 then into music program 2210, commentary 2220 UTC, sign off announcement and schedule at 2227 UTC. (Delmage, AB)
- 7560 **ALASKA KNLS**, Anchor Point, 1345-1348. Talk in Chinese by a man. Weak signal with deep fades. 2/1/2018 (Evans - TN)
- 9345 **PHILIPPINES Far East Broadcasting Corporation** - Iba, 1446-1512 Jan 31, Mandarin language program with short talks with a man and woman alternating with vocal selections. Poor signal. (D'Angelo-PA/FCDX)
- 9390 **THAILAND Radio Thailand** 2000 UTC January 24 with usual IS then German language programming noted with just snippets of audio. (Delmage, AB)
- 9390 **THAILAND Radio Thailand** - Udorn, 2012-2044* Jan 31, man announcer with English language formal station ID closing German language program. After fifteen minutes of dead air the English program started at 2030.. Fair with mild slop from 9395. (D'Angelo-PA/FCDX)
- 9390 **THAILAND Radio Thailand** - Udorn, 1235-1248 Jan 31, man announcer in English with news from the Public Affairs Department; several station IDs with World News at 1240. Good signal with some mild slop from 9395. (D'Angelo-PA/FCDX)
- 9395 **UNITED STATES WRMI** via WYFR in Florida in EE. SIO 333, January 30, 2018, 0102 – 0108. OM with news and events, including a bombing in Kabul, disease epidemics, etc. (Henley, WA)
- 9395 **UNITED STATES WRMI** Okeechobee, FL 1422-1430 Adrian Peterson with schedules & frequencies from WRTH; sunspot predictions; good 1/28
- 9395 **UNITED STATES WRMI** Okeechobee, FL 2128- "you'll be glad you have shortwave when other things are down," then Chipmunks Christmas song; good 12/24 (Prodan-ME)
- 9395 **UNITED STATES WRMI**, 0030-0036, 2-20-18. VOA news in English with web address, ID by WRMI at 0036. Very good, armchair copy. (Cichorek-NJ)
- 9420 **GREECE Voice of Greece** at 2215 UTC January 24 with beautiful Greek music and announcements. Excellent (Delmage, AB)
- 9420 **GREECE Voice of Greece** Greek 2035-2104 some African (prob Nigerian) music; other lively music; 2052 "Crazy is my Life" (only line in English); men's choir; v good 1/25 (Prodan-ME)
- 9435 **NORTH KOREA Voice of Korea** in EE. SIO 444, February 3, 2018, 1623 – 1626. VOK EE broadcast, ID and frequency announcements given, followed by choral MX. Moderate QSB and QRN. Off air at 1626. (Henley, WA)
- 9445 **INDIA AIR** Delhi at 1915 UTC January 24 in English with commentary. ID at 1930 UTC then into local music program. Schedule and sign off at 1943 UTC. (Delmage, AB)
- 9445 **INDIA AIR**, 2040-2043, 2-19-18. Choral singing followed by woman in listed Hindi. Poor. (Cichorek-NJ)
- 9445 **INDIA AIR**, 2040-2043, 2-19-18. Choral singing then woman in listed Hindi with talk. Poor. (Cichorek-NJ)
- 9455 **BANGLADESH Bangladesh Betar** - Dhaka, 1316-1344* Jan 31, man and woman announcers in discussion in the listed Nepali language. Light instrumental music followed. Poor. (D'Angelo-PA/FCDX)
- 9455 **CHINA CNR 1** in CC, SIO 444, January 29, 2018, 1849 – 1853. MX like firedrake jammer, loud drums and other instruments. Likely covering up another broadcast undesirable to the Chinese government. (Henley, WA)
- 9485 **VATICAN Radio Japan** 2/17 at 1955. Story of 'Red Ghost, White Ghost' 454 (Fraser-ME)
- 9535 **CUBA Radio Habana Cuba** Spanish 1531-49 hip-hop & other music; m & f ann; fair-poor 1/23 (Prodan-ME)
- 9535 **CUBA Radio Havana** via Bejucal, 0040-0050, 2-20-18. Pop Cuban vocals, talk in Spanish by male host, romantic ballads, female artist. Poor with deep fades. (Cichorek-NJ)
- 9570 **CUBA China Radio Int'l** 2/3, 1203- 1220, in listed Cantonese; YL ancr. Speaks and presumably introduces several of the lesser known songs by the Eagles, but the most notable is the familiar remix of "Hotel California". SIO 322 (Sives-NJ)
- 9570 **MADAGASCAR Madagascar World Voice**, in RR. SIO 444, January 29, 2018 1830 – 1848. New Life Station, religious talk in RR with OM announcer. Decent signal. (Henley, WA)
- 9600 **PHILIPPINES Vatican Radio** - Tinang, *2200-2227* Jan 31, opening with Vatican theme instrumental music followed by opening of the Mandarin language program with a female announcer. News by man and woman followed by short talk segments. Fair. (D'Angelo-PA/FCDX)
- 9620 **CHINA China Radio Int'l** - Kashi, 2156-2158* Jan 30, two men and a woman announcer with discussion of popular English language phrases. Carrier cut while the woman was discussing #6. Fair. (D'Angelo-PA/FCDX)

- 9620 **PHILIPPINES Voice of America** - Tinang, 2257-2302* Jan 30, caught tail end of Mandarin language program with closedown but nice English station ID ("This is the Voice of America, Washington, DC signing off") followed by Yankee Doodle theme. Quite poor. (D'Angelo-PA/FCDX)
- 9665 **BRAZIL Rádio Voz Missionaria** - Camboriú, 2226-2243 Jan 30, nice vocal selection by a male singer followed by a long Portuguese language religious talk by a man announcer. Poor. (D'Angelo-PA/FCDX)
- 9720 **CLANDESTINE Radio Erena** - Kostinbrod (Sofia), *1700-1800* Jan 31, Nice opening with woman announcer providing several station IDs and opening announcements in listed Tigrinya language. Program mainly of talks and some musical breaks. Good signal. (D'Angelo-PA/FCDX)
- 9720 **BULGARIA Dimtse Radio Erena**, Sofia / Kostinbrod, 1741-1745. Horn of Africa music followed at 1743 by talk in Arabic by a man. Very weak signal with moderate fading. 2/1/2018 (Evans - TN)
- 9745 **ARMENIA TWR India** - Yerevan-Gavar, *1259-1335 Jan 31, caught tail end of IS prior to woman announcer with English station ID announcement followed by a man preaching from Book of Romans. Closing station ID and announcements at 1314. Poor to fair. (D'Angelo-PA/FCDX)
- 9745 **ARMENIA TWR India**, Gavar, 1349-1352. Talk by a man in Dogri (per schedule). Weak signal with minor fading. 2/1/2018 (Evans - TN)
- 9765 **NEW ZEALAND RNZI** at 0805 UTC January 26th with News and weather talking about the hot and humid conditions around the country. Very Good (Delmage, AB)
- 9810 **ROMANIA Radio Romania Intl** Romanian 1525-30 2 m Ann, song, sta ID; fair 1/23 (Prodan-ME)
- 9839 **VIETNAM Voice of Vietnam** - Son Tay, 1239-1258* Jan 31, English news read by a woman announcer followed by station ID and weekly Letterbox program. Close with station ID and contact information. Fair with although //12019.1 was poor. (D'Angelo-PA/FCDX)
- 9890 **NEW ZEALAND Radio New Zealand Int'l** - Rangitaiki, 1121-1135 Feb 1, woman announcer describing in English language the situation if Fiji. Carrier cur mid-sentence at 1123 but seemed to return prior to 1130 when I noted them back with report on the Cook Islands. Mentioned "Dateline from RNZ Pacific". Good signal. (D'Angelo-PA/FCDX)
- 9940 **SWAZILAND Trans World Radio** - Mpangelo Ranch, 1946-1950* Jan 31, man and woman announcing tea with French language talks before closing vocal. Station ID and closing announcements followed by IS. Good signal. (D'Angelo-PA/FCDX)
- 9955 **UNITED STATES WRMI** Okeechobee, FL 0204-15 interview with Allen Wiener about WBCQ fire; "shortwave is easy - no passwords, no monthly fee"; fair 1/14 (Prodan-ME)
- 11560 **INDIA (Goa) All India Radio** - Panaji, *1530-1545* Jan 31, a woman announcer opened the English news program with station ID ("Good evening. This is All India Radio with the news at 9"). The fifteen-minute English news program followed. Good signal. (D'Angelo-PA/FCDX)
- 11600 **CLANDESTINE Radio OMN** (Oromia Media Network) - Kostinbrod (Sofia), *1556-1656* Jan 27, open carrier until flute music opening at 1600 followed by station ID and opening announcements before news in presumed Oromo language. Fair. (D'Angelo-PA)
- 11620 **INDIA (Goa) All India Radio** - Panaji, 1340-1430* Jan 31, Nepalese language program featuring talks and Hindi music. Fair at tune in but slowly deteriorating by closedown. (D'Angelo-PA/FCDX)
- 11620 **INDIA (GOA) All India Radio**, Panaji, 1359-1405. Hindi vocal music. Talk in Nepali by a woman at 1403. Weak signal with moderate fading. 2/1/2018 (Evans - TN)
- 11680 **UNITED STATES Voice of Hope** 2/8 at 0640. ID's & talk on the Meaning of Peace. 44334 (Miller-GA)
- 11730 **TURKEY Voice of Turkey** 1/20 excellent signals 1745 with English program. (Widner-PA)
- 11735 **TANZANIA Zanzibar Broadcasting Corporation** 1800:30 January 24th Time pips English ID and News. Back to Swahili programming at 1810. Fair to good. (Delmage, AB)
- 11735 **ZANZIBAR Zanzibar Broadcasting Corporation** - Dole, 1801-1816 Jan 31, woman announcer with the news in the English language. Fair signal marred by static. (D'Angelo-PA/FCDX)
- 11760 **GERMANY Bible Voice BCN** African language 1601-06 m Ann & music; poor 1/23 (Prodan-ME)
- 11775 **UNITED STATES** Dr. Gene Scott religious broadcast in EE. SIO 545, January 29, 2018, 2004 - 2008. Preacher with sermon about sin and judgment, discussion of a "scapegoat." (Henley, WA)
- 11780 **BRAZIL Radio Nacional Amazonia** 2102-2200 m Ann, songs; fair 1/14 (Prodan-ME)
- 11800 **SOUTH AFRICA AWR**, Adventist World Radio in FF from Meyerton. SIO 433, January 29, 2018, 2009 - 2014. Listed target is central Africa.. Heavy QRN on signal, no QSB. (Henley, WA)
- 11800 **UNITED KINGDOM NHK** Tokyo 1/19 via UK Meyerton, closing English @1827 and review of other times for broadcast. Excellent signals of the "armchair" type. (Widner-PA)
- 11815 **TURKEY Voice of Turkey** Turkish 1606-13 m giving speech with other m interpreting, commenting or translating; fair+ 1/23 (Prodan-ME)
- 11825 **UNKNOWN African Pathways Radio** " World Voice. 2/8 at 0425. This day in history, ID, time and frequency, 44334 (Miller-GA)

- 11850 **VATICAN Voice of America** 1614-30 m speaking rhythmically; off in static burst; fair 1/23 (Prodan-ME)
- 11865 **AUSTRALIA Reach Beyond Australia**, Kununurra, and 1352-1356. Talk in Telugu (per schedule) by a man. Moderate strength signal with minor fading. 2/1/2018 (Evans - TN)
- 11875 **GERMANY Bible Voice** BCN African language 1633-42 lively music female chorus, m Ann; fair 1/23 (Prodan-ME)
- 11900 **CHINA China Radio Int'l** - Kunming-Anning (Yunnan), 1349-1356* Jan 31, a man announcer talking about wild flowers before a brief vocal segment. Then a woman announcer with closing station ID and announcements ending English language program. Poor to fair. (D'Angelo-PA/FCDX)
- 11900 **PHILIPPINES Vatican Radio** - Tinang, 2339-2359* Jan 31, woman announcer with long religious talk in the Vietnamese language.. Closedown station ID and announcements followed by Vatican instrumental theme music until carrier terminated. Poor to fair. (D'Angelo-PA/FCDX)
- 11900 **SAO TOME & PRINCIPE Voice of America** in FF. SIO 333, January 29, 2018 2015 - 2020. OMs in conversation format. Listed target is West Africa. Heavy QRN, weak audio, but listenable. (Henley, WA)
- 11930 **UNITED STATES Radio Marti** in SS. SIO 333, January 29, 2018, 2021 - 2025. Poor signal and considerable QRM and QRN. Jamming audible. OMs in discussion format. (Henley, WA)
- 11930 **UNITED STATES Radio Marti** Greenville, NC Spanish 1644+ 2 m, f with weather; v good 1/23 (Prodan-ME)
- 12050 **UNITED STATES WEWN** - EWTN Catholic Radio in SS. SIO 555, January 29, 2018, 2026 - 2032. Religious broadcast with a call-in format. Religious choral MX. OM Host, mostly YL callers. Program change at 2030 with MX, bells tolling, M choir MX, and a homily. (Henley, WA)
- 12075 **BOTSWANA Voice of America**, 2010-2015, 2-19-18. Musical program, host in French, vocal entitled "hear the thunder".S9 signal. (Cichorek-NJ)
- 12160 **UNITED STATES WWCR-2**, from Nashville, TN in EE. SIO 555, January 30, 2018, 1646 - 1655. "CSC Talk Radio." Host Beth Ann. Ads for Range magazine, who claimed sexual harassment while she protects offenders if they are big donors to her. (Henley, WA)
- 12160 **UNITED STATES WWCR** religious broadcast from Nashville in EE. SIO 555, February 3, 2018, 1627 - 1633. Fire and brimstone preacher with audience vocal participation.. (Henley, WA)
- 12160 **UNITED STATES WWCR**, 1920-1933, 2-17-18. Program in English of country and western classics. Very nice collection of old C&W and early artists. Great signal armchair copy. (Cichorek-NJ)
- 12160 **UNITED STATES WWCR 2/17** at 1800. 'Talking Machine' old phonograph records. 555 (Fraser-ME)
- 13680 **ZAMBIA Voice of Hope** 1310-1600 light jazz, Shelly Mann, Andrew Previn; "we are the Voice of Hope"; 1600 "live from Zambia"; poor improving to good 12/9 (Prodan-ME)
- 13745 **THAILAND Radio Thailand** 0000 January 17 and 26th with sign on in English with program lineup for News hour. Usually fades bu 0030 UTC here. Very good at sign on. (Delmage, AB)
- 13820 **UNITED STATES Radio Marti** in SS. SIO 545, January 29, 2018, 1951 - 2000. Two YL in conversation, low-level QRN some slight QSB. ID near the top of the hour with OM announcers. Frequency and time announcements, off air and carrier gone by 2000. (Henley, WA)
- 13820 **UNITED STATES Radio Marti** in SS from Greenville, NC. SIO 555, January 30, 2018, 1638 - 1645. MX and talk. OM anchor. Strong signal, slight QSB. ID at 1643. Mention of face book site and other contact information. Some call-in participants. (Henley, WA)
- 13820 **UNITED STATES Radio Marti** from Greenville, NC in SS. SIO 555, February 3, 2018, 1634 - 1645. Two OM in rapid speech, news and information. (Henley, WA)
- 15000 **UNITED STATES WWVH** from Hawaii in EE with YL announcements. Standard time and frequency station.. Clear and strong signal, SIO 555, January 29, 2018, 1900 - 1908. (Henley, WA)
- 15105 **BANGLADESH Bangladesh Betar** - Dhaka, *1228-1259* Feb 1, flute IS followed by time pips and a man announcer with opening of English language service. News read by a man announcer followed by news commentary. A music program closed out the broadcast. Poor. (D'Angelo-PA/FCDX)
- 15110 **CLANDESTINE Radio Nigeria** - IPOB - Kostinbrod (Sofia), *1600-1700* Jan 31, opened with tribal singing followed by a man announcer in presumed Hausa language Otherwise, the program was mainly talking. Poor to fair. The WRTH Update is calling this Radio Na Gaskiya (Radio Truth). (D'Angelo-PA/FCDX)
- 15140 **OMAN Radio Sultanate of Oman** - Thumrait, 1430-1510 Jan 28, English language program with pop music "Oman FM" IDs with a man and woman hosting "Would You Say It Again?". At 1503 there was a station ID "#1 Radio Sultanate of Oman, your music station" as the went into pop music programming. Fair to good signal. (D'Angelo-PA)

- 15140 **OMAN Radio Sultanate of Oman** – Thumrayt, *1400-1416 Jan 31, woman announcer opened program with news headlines and then the news. Tuned away and when returned noted they were gone and didn't return today. Good signal while it lasted. (D'Angelo-PA/FCDX)
- 15140 **CUBA Radio Habana Cuba** in AA, SIO 555, January 29, 2018, 1908 – 1912. RHC in AA with OM announcer Strong, clear signal, with very slight QSB. (Henley, WA)
- 15140 **CUBA Radio Habana Cuba** in EE. SIO 555, January 29, 2018, 2045 – 2052. Cuban cultural program in EE. Excellent signal. (Henley, WA)
- 15155 **MADAGASCAR Adventist World Radio Nairobi** - Talata-Volonondry, 1833-1858* Jan 31, English program with plenty of station IDs. Fair. (D'Angelo-PA/FCDX)
- 15235 **SOUTH AFRICA Channel Africa** 1720 UTC January 24 in English with African Digest. Economic update at 1745 UTC, Sports update at 1750 UTC. Abrupt off at 1759:50. (Delmage, AB)
- 15235 **SOUTH AFRICA Channel Africa** English 1740-45 health care in Somalia, Congo, Central African Republic, other African countries; refugees in Bangladesh fair 1/22 (Prodan-ME)
- 15270 **TURKEY Voice of Turkey** German 1258-1303 m Ann ID, f Ann song; poor 1/27 (Prodan-ME)
- 15370 **CUBA Radio Habana Cuba** in FF. SIO 353, January 29, 2018, 2055 – 2110. OM announcer, some Latin MX. Listed target is Europe. Modest QRN, Listenable. Brief program change at 2100 to SS with YL announcer, then a return to FF and two OMs in conversation / talk format. (Henley, WA)
- 15370 **CUBA Radio Habana Cuba** Spanish 1505-49 lively music & m Ann; poor-fair 1/23; (Prodan-ME)
- 15370 **CUBA Radio Habana Cuba** 2/19 at 2200. SS Svc with ID & National News. Good. (McGuire-MD)
- 15375 **CHINA Possibly CNR1** in CC. Listed frequency is 15380, but that is not where they were broadcasting. SIO 555, January 30, 2018, 0043 – 0047.. (Henley, WA)
- 15400 **ASCENSION ISLAND BBC** 1746-59 "Focus on Africa" discuss Zimbabwe & other leadership changes; "political branding; fair-good 1/22 (Prodan-ME)
- 15420 **SOUTH AFRICA BBC** English 1513+ m interviewing f; v poor 1/23 (Prodan-ME)
- 15435 **PHILIPPINES FEBC** religious broadcaster, listed language is Tai-Nua. SIO 444, January 30, 2018, 0047 – 0050. OM in talk / harangue. (Henley, WA)
- 15500 **SPAIN REE** 2/26 at 1900. SS Svc, ID and frequency schedule. Hood. (McGuire-MD)
- 15555 **UNITED STATES WJHR** Milton, FL preacher; poor/distorted (USB) 1/23 (Prodan-ME)
- 15580 **BOTSWANA Voice of America** in EE. SIO 333, February 3, 2018, 1700 – 1706. News, mention of "The Memo," the Russian investigation, US nuclear weapon readiness report, North Korea activity, and Australian events. Listenable signal, OM commentator, ID at 1705. (Henley, WA)
- 15580 **BOTSWANA Voice of America** 2035-59 "African Beat" - Reggae; Marley's "Redemption Song" not in English, Alpha Blondy, others; fair 1/31 (Prodan-ME)
- 15600 **ENGLAND Voice of America** 1455-59 Kurdish, music, VOA tones, "this program has been brought to you by the Voice of America" & off; poor 1/22 (Prodan-ME)
- 15610 **UNITED STATES WEWN** – EWTN, Catholic QRN in EE. SIO 343, January 29, 2018, 1918 – 1925. Two OM in discussion about religion. Heavy QRN, with modest signal strength. (Henley, WA)
- 15620 **VATICAN CITY Radio Veritas Asia** 1502-06 m speaking over piano excellent 1/22 (Prodan-ME)
- 15640 **PHILIPPINES FEBC**, listed language is Kachin. SIO 333, January 30, 2018, 0051-0054. Religious broadcast. (Henley, WA)
- 15700 **NORTHERN MARIANAS Voice of America** – RFA in Burmese from Tinian. SIO 333, January 30, 2018, 0054 – 0058. Heavy QRN, listenable. OM and YL announcers in conversations and interviews with YLs, likely discussing the refugee crisis. (Henley, WA)
- 15700 **CUBA China Radio Int'l** via Radio Habana Cuba in EE. SIO 545, January 30, 2018, 1556 – 1602. Chinese popular culture program. Pure propaganda. (Henley, WA)
- 15700 **CUBA China Radio Int'l** via Radio Habana Cuba in EE. SIO 555, February 3, 2018, 1531 – 1600. Discussion of the Chinese version of "critical thinking".. Off air at 1600. (Henley, WA)
- 15730 **UNITED STATES Voice of America** from Greenville, NC in FF. SIO 555, January 29, 2018 1931 – 1950. OM and YL anchors in FF. News and commentary. Strong, clear signal. (Henley, WA)
- 15825 **UNITED STATES WWCR** religious broadcast from Nashville in EE. SIO 333, January 29, 2018, 1926 – 1930. Bible Study Ministry. Contact and ID information given.. (Henley, WA)
- 17580 **CUBA Radio Habana Cuba** Spanish 1450-1502 music, f Ann, piano jazz briefly; 1501 station ID & off; poor 1/23 (Prodan-ME)
- 17650 **ROMANIA Radio Romania Int'l.**, Tiganesti 2/3, 1240- 1250, in EE; DX Mailbag and "Through the Looking Glass". Weak signal but readable. Patch cord required. Also checked //15460 since az. listed as the same but nothing there. (Sives-NJ)
- 17700 **BOTSWANA Voice of America** Hausa 1502-04 m Ann; poor 1/23 (Prodan-ME)
- 17885 **BOTSWANA Voice of America** 1455-1500 music & off; poor 1/23 (Prodan-ME)





On the Short Waves

by Jerry Berg

<www.ontheshortwaves.com> **Update, March 4, 2018** — Under "DX History/QSLs & Other Station Memorabilia," we have posted several items from the passenger ship M/V Kanimbla, home to ship-borne station "9MI" (VK9MI). The Kanimbla was owned by McIlwraith McEachern Ltd., "Steamship Owners and Coal Merchants," and operated in Australian waters between Melbourne and Sydney from 1936 to 1939, when it was commissioned as a troop transport. The owners said that the Kanimbla was the first passenger vessel equipped with a permanent broadcasting studio. Broadcasts were a half hour in length. 9MI tested at first on 6075 and 11740 kHz., but moved to 6010 and 11710, and sometimes could be heard on the west coast. We have already posted a 1938 9MI QSL received by August Balbi. It shows the power as 50 watts. Other sources said it was 200, 250 or 1,500 watts. We have now posted a letter received by Roger Legge with his QSL, together with a schedule which shows the various Australian mediumwave stations that rebroadcast the 9MI transmissions. We have also posted some postcard views of the ship, and two Kanimbla trinkets: a pin dish and a spoon. — Under "Specialized Resources/Wavescan," Adrian Peterson has filed three new stories: (1) "Historic Mediumwave Station KQV is Scheduled to Return to the Air!" (Wavescan N469, February 18, 2018); (2) "KDKA Far Northern Service" (Wavescan N469, February 18, 2018); and (3) "Special Report: History of Radio Broadcasting in Zambia" (Wavescan N470, February 25, 2018).

<www.ontheshortwaves.com> **Update, March 11, 2018** — In 1976, the Finnish DX Association made available a cassette containing recordings of approximately 90 stations around the world, mostly short-wave. It was titled "World on the Air." The club has posted the recordings on its website < <https://sdxl.fi/jasensivut/dx-aanilevyt/world-on-the-air-aanitallenteet/> > They appear to be studio quality, not made off the air; and there are lots of memories here. Under "DX History/Recordings" we are posting the insert that accompanied the cassette, and also an index to the recordings as they appear online (arranged somewhat differently from on the cassette), with the locations in the composite online recordings where the individual stations can be found. — And iin "Specialized Resources/Wavescan" it's back to the far north in Adrian Peterson's "The Candian Northern Messenger Service" (Wavescan N471, March 4, 2018).

<www.ontheshortwaves.com> **Update, March 18, 2018** — We have already posted a couple of items from Radio SEAC, voice of the South East Asia Command, Ceylon (now Sri Lanka), which was active toward the end of World War II and thereafter. Specifically, we have posted a copy of the January 1948 SEAC Forces' Radio Times, and an 11-minute recording of Radio SEAC, kindly supplied by Eric Hitchcock. Now, under "DX History/Stations," we have posted another copy of the SEAC Forces' Radio Times, this one from November 1945, and two issues of the SEAC All-Services Newspaper (September 15 & September 17, 1945). The newspaper is not specifically radio related, but it contains some interesting history of the day and is worth a look. We have also posted a decorative postal cover and insert recognizing SEAC and, in particular, David Jacobs, who announced for Radio SEAC early in his career and went on to become a well-known U.K. radio and TV personality. (He passed away in 2013.) If you want to know more about Radio SEAC, read Eric Hitchcock's excellent book, "Making Waves: Admiral Mountbatten's Radio SEAC 1945-1949" (Helion & Co., U.K., 2014).

<www.ontheshortwaves.com> **Update, March 25, 2018** — Under "DX History/Philately" we have posted two new groups of radio-related postal items from the Middle East to South Asia, specifically, one group of five items from Israel, and a second group of covers from Turkey, Qatar (amateur), Pakistan and India. -- Under "Specialized Resources/The DX Recordings of Colin Miller," we have added a new one, from Brazzaville.

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