

The **NASA** Journal

VOLUME LVI NUMBER 9

SEPTEMBER 2016

RADIO MEXICO
XERMX

XEB
1220 Kcs.
100,000 WATTS
ONDA LARGA
246 MTS.
10,000 WATTS
ONDA CORTA
50 MTS.
MEXICO

XEW

Radio México
Internacional
XERMX-OC
49 MTS. 5985 kHz / 31 MTS. 9705 kHz

XEQ
XEQQ

North American Shortwave Association — America's Shortwave Broadcast Club

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GP-5/SSB



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Optional AC adapter for SKYWAVE. **SKWVP Order #6434 \$14.95**

TECSUN

R-9700DX



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ETON FRX-5 SWL



The Eton FRX5 SWL Edition is your grab-and-go source for local and worldwide information. This special FRX5 SWL Edition receives AM, FM and 12 international shortwave broadcast bands: 2.3-2.6, 3.2-3.6, 3.6-4, 4.6-5.4, 5.6-6.4, 6.6-7.4, 8.1-9.9, 11.5-12.4, 13.5-14.4, 15-15.9, 17.1-18.3 and 21-21.85 MHz. The FRX5 is "quad" powered! It may be powered from solar panel, hand crank, built-in rechargeable lithium battery or three AAA batteries (not included). Wind the hand turbine for four minutes and you will produce enough power for 10-15 minutes of music, news and weather or one minute of talk time. You can also use the micro-USB cable to charge the FRX5's built-in rechargeable battery or pop in a couple of AAA batteries if you want to go old school. It features a digital display and alarm clock. If you want more than just the radio, there is an AUX-input to play your own tunes. If you want to listen alone, just plug in your favorite headphones. There is also a bright LED flashlight in the side panel. Use the glow-in-the-dark locator and illuminated buttons when you're in the dark. And for big-time emergencies, flash the red emergency beacon. The FRX5 SWL has an IPX-4 splash proof rating so neither sleet nor snow nor rain will hamper its performance. Ideal for camping trips or preparedness. 5.8" x 7.1" x 2.3" 1.5 lbs. **FRX5 SWL Order #6005 \$89.95**

2016 WORLD RADIO TV HANDBOOK

This long established publication is filled with schedules, frequencies and addresses of shortwave broadcast stations. Organized primarily by country. Also includes a by-frequency listing of shortwave broadcast stations, radio reviews. WRTH Pub. ©2015 70" Edition. 672 p. List price \$49.95.

Order #6016 \$44.95



WORLDWIDE LISTENING GUIDE

By J. Figliozzi. Modeled on the author's popular *Worldwide Shortwave Listening Guide*, this new book covers all of today's formats: live on-demand, podcast, satellite, internet, digital, analog, AM, FM, shortwave and wi-fi. Learn what can be heard how, where and when! Spiral bound 7th Ed. 160 p. ©2015. List \$24.95. **Order #2861 \$23.95**



2016 SHORT-WAVE FREQUENCY GUIDE

By J. Klingenfuss. This guide has 5,000 shortwave broadcast listings by frequency and includes 8,000 abbreviated entries from *Guide to Utility Stations 2015-16*. You got great coverage of broadcast and utility stations in one up-to-date book! 20th Ed. ©December 2015. 370 p.

Order #1580 \$49.95

[CD version also available #6526 \$39.95]



THE EARLY SHORT-WAVE STATIONS A Broadcasting History Through 1945

By Jerome S. Berg. This year-by-year account chronicles the birth and operation of the large international broadcasters, as well as the numerous smaller stations that were a great attraction to the DXers of the time. Over 100 illustrations and extensive notes, bibliography and index. ©2013 Softcover. McFarland 340 p. List \$44.95. **Order #6141 \$39.95**



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Finally, included in this month's *The Journal* is a brief survey put together by one of more active members **John Cooper** about holding a North American shortwave DX contest. See below. It is a brief survey so we are hoping members would participate by the September 30, 2016 deadline. Member John Cooper has an idea for a shortwave DX contest in the January 2017 time frame. However to gauge interest, the following survey (which unfortunately did not appear last month) has been proposed. Please complete this survey and return via e-mail to broadwing56@msn.com, or mail out to: John P. Cooper-734 Sally Ann Drive, Lebanon, PA 17046: **1. Would you be interested in participating in a North American Shortwave DX Contest? Yes, No-** (If no disregard survey); **2. Would a \$5.00 entrance fee (\$3.00 for active NASWA Members) be too much? No, Yes-** How much would you be willing to pay for an entrance fee? Please indicate; **3. How long should the DX - SW Contest last? 30 Days, 21 Days, 14 Days, Other- Please specify;** **4. What type of prizes would you like to compete for?** (Check all that apply), **Cash Prize** depending on number of DXers participating 1st-3rd place, **Portable SW Receiver or other SW equipment Grand Prize** up to \$150.00 value, **Shortwave Book, Certificates for all participants with placement noted, Other-Please explain;** **5. What contest categories would you be interested competing in?** (Check all that apply); **Number of DX Countries, Number of Stations, Other-Please explain.** Your survey responses will help us determine if there is interest in holding a shortwave broadcast DX contest this upcoming DX season. Please respond by simply indicating your response on a piece of paper and mailing it to John (or indicate in an e-mail). Thanks.


A.J. Janitschek of Radio Free Asia (RFA) announced RFA's 20th anniversary QSL

recently. Bringing free press to closed societies, RFA's first broadcast was in Mandarin on September 29, 1996 at 2100 UTC. RFA broadcasts news and information to listeners in Asian countries where full, accurate, and timely news reports are unavailable thereby acting as a substitute for indigenous free media. RFA concentrates coverage on events occurring in and/or affecting Burma, Cambodia, Laos, North Korea, the People's Republic of China, and Vietnam. The QSL design is RFA's 62nd QSL and is used to confirm all valid reception reports from September - December 2016. RFA welcomes all reception report submissions at <http://techweb.rfa.org> (follow the QSL REPORTS link) not only from DXers, but also from its general listening audience. Reception reports are also accepted by email at qsl@rfa.org and by mail to: Reception Reports, Radio Free Asia, 2025 M Street NW, Suite 300, Washington DC 20036.

The Dayton Hamvention is moving to Greene County Fairgrounds in Xenia, Ohio, after 52 years at Hara Arena. That's about 16 miles east of Dayton center off US Route 35. Hara Arena recently announced that it would be closing, and Hamvention indicated that it soon would be announcing its back-up plan for a new venue in the Dayton area. After Hara Arena announced it would close, Hamvention General Chair **Ron Cramer** had said, "We have spent many hours over the last few years evaluating possible locations and have found one in the area we believe will be a great new home! We all believe this new venue will be a spectacular place to hold our beloved event. Please rest assured we will have the event on the same weekend and, since it will be in the region, the current accommodations and outside events already planned for Hamvention 2017 should not be affected." Hamvention chief spokesman and board member **Mike Kalter** pointed out

that the event annually attracts in excess of 25,000 visitors from every US state and some 60 countries around the world. The entire fairgrounds facility was rebuilt several years ago after it was destroyed by a tornado, so the buildings are newer than Hara, which was built in the 1950s. He said there will be opportunities to bring in campers — with 30 A service, water, and sewer available. Kalter believes the change in venue in and of itself will be a big incentive for a lot of people who may be just thinking about attending Ham-

vention 2017 right now. “We expect next year to be a big year,” he said. “We expect a lot of people to come to see what it’s like.” Thanks to Radio World and the ARRL for the information. Many years ago, several NASWA members participated in an SWL forum as part of the Dayton Hamvention.

That’s it for this month. Enjoy this month’s edition of the *Journal*; it’s another good one. 

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 September 21, 2016.

Tim Noonan, DXing2@aol.com, Oak Creek WI

The 23rd annual Madison-Milwaukee Get-together is now history, and what a day it was. Our hosts, Mark Taylor and Bill and Nina Dvorak, reserved a beautiful spot in Lake Farm County Park in Madison with a great lake view, ample open space, and a large shelter with plenty of seating. Those who chose to stay into the evening enjoyed a delicious catered dinner. The group of 41 DXers who came by represented a wide spectrum of radio interests. Regulars and first-timers enjoyed renewing friendships and meeting new people, and that is the heart of what this event is about. While the park and the catered meal made this year’s gathering unique, one other part will not be soon forgotten: it was a day of unrelenting wind. But the conversations, the fun, all the radios, and the beautiful setting made it a really great day, and Mark and the Dvoraks are truly to be congratulated. We will continue the tradition next year, hosting the 24th gathering at our home in Oak Creek (in the southern part of the Milwaukee area) just before the eclipse, on Saturday, August 19, 2017, and we hope you’ll join us. 73, and best of luck in the new DX season.

Vince Henley, vincehenley@earthlink.net

“The Good Old Days”

Having reached certified Geezerhood, now in my eighth decade, I find that I do a lot of reflecting on things past. Recently I came across someone writing that they didn’t care much about the old days, and I can certainly understand that. Maybe their old days weren’t very good and so such reflections are something they’d prefer not to do. I’m different. My old days were pretty darn good and I see the erosion of those times in recent events, even as they relate to our rather arcane hobby.

For example, there were once many manufacturers, distributors and retailers of parts and equipment related to the various aspects of what I will term the “Radio Hobby” or RH for short. Just recently, another major supplier quit the business when Amateur Electronic Supply (AES) announced the closing of their doors. I understand that Ham Radio Outlet will pick up at least one of their stores and some of their personnel, but essentially, they are gone. Radio Shack is no more, and I can name many others who went the same way. I’ve been a decent customer to nearly all those fallen flags, and have lost track of the monetary value of my past purchases. Surely, I’ve spent more than enough to guarantee

a quite nice retirement if I still had it all. Manufacturers that we depended on for good equipment are either no longer in business at all, or they have chosen not to make equipment that applies to our interests. Yes, there are new things, like some superb Software Defined Radios (SDRs) and some interesting software applications related to the hobby, but frankly, listening to the BBC World Service on the internet is just not the same as dragging their signal out of the ionosphere with all its atmospheric warts. The fact that an SDR can record, in real time, the entire shortwave broadcast spectrum, and stuff it on a disk for later analysis, would probably make NSA or an embassy listening post operator happy, but I don't think I want to spend my listening time using software to analyze a broadcast that happened last week, or even an hour ago. I might use a spectrum display to find a station, but I want to twiddle knobs to extract the best signal, not type on a keyboard or slide a mouse around. In other words, I want my enjoyment of the RH most definitely to be "hands on." I've spent a lifetime career as a computer scientist, but when it comes to having a hobby, computers are, for me, not at the top of the list. They are just tools, like any other wrench or screwdriver.

There was a time when every town larger than a few thousand residents had an electronic supply retailer, and several radio/TV repair shops. One could still get tubes tested at the corner drug store and buy replacement tubes from a cabinet in the base of the tester. Now that may have been a testimonial to the unreliability of the equipment of the day and I wouldn't want to return to that state of affairs. However, it did make for a vibrant community for the hobby, and that community now seems to have disappeared. I mourn that aspect of it. In truth, the increased reliability and capability of the equipment seems to correspond with the decreased need for it. The shortwave broadcast spectrum is today a faint ghost of its old self. Signals are now comparatively rare. A vast number of countries have ceased broadcasting altogether and torn down their megawatt stations and elaborate directional antennas. The arbiters and distributors of culture and language today seem to be Google, Face Book, and Twitter. Language lessons are in Chinese and not the Queen's English. News bias seems to be tilted to the lowest common denominator, if it is that good. Fire and brimstone invective and unabashed appeals for lucre, both passing as religious homily, seem as common as ever. Dead air as a placeholder is even more common, usually with not even an interval signal to break the monotony of an S9+ carrier. Yes, today the RH is not as good as it once was in the "old days," but you might not know that if you haven't experienced it.

In some way, we are enjoying being anachronisms, hanging onto the remnants of elder technology, while we attempt applying the newest technology to what is now, by any common measure, an ancient medium. It will last for a while yet, and I am confident enough to order a new receiver, antenna, or transceiver from time to time while there are still companies who are willing to design and manufacture them. My shack and listening post are as modern as any. I still build and test equipment, fix my own stuff, and I don't believe that one can have too many radios. I also believe that if you know how many radios you have, then you don't have enough of them. I'll do my bit to support the anachronistic holdovers from the old days, even as new technology becomes more common. What about you?

Vince Henley, KB6GV, Anacortes, WA

Bill Tilford, bill1tilford@aol.com, Chicago, IL

The 2016 Madison-Milwaukee Get-Together for DXers on August 20 was a blast. Prior to the actual GTG, many of us were treated to a tour of Entercom's studios and the WOLX transmitter site. All of it was impressive, but something especially fascinating for me was the fact that their studios have exposed windows without soundproofing. Their audio quality is infinitely better than what I do for my shortwave program (From the Isle of Music), but nevertheless cured me of the occasional guilt pangs I had been feeling over not doing the finished product in a rented studio facility. Audio software rules! Chris

Kadlec gave an interesting presentation on radio in Korea, and Pete Ferrand demonstrated an antique garage opener device (technically a transmitter).

Thanks to Bill Dvorak, Mark Taylor, Chris Tarr and Joe Olig for organizing this year's activities. I haven't been able to make it every year, but always enjoy it when I do.

Bill

John M. Fisher, KC1FTJ, North Chelmsford, MA

Radio Romania International is one of the few stations broadcasting from Europe with a North American Service. They also continue to have a relic from the Cold War, a Listener's Club. If you send in one reception report for 12 months in a row, you will be rewarded with a "Radio Romania International Listener's Club Diploma." The diploma is quite nice looking. You can frame it on your shack wall, put it in an awards folder, etc. For each year after you receive the Diploma, you will receive an endorsement sticker. After 5 years, you get an "Old Timer's Award. In addition, each reception report will be rewarded with a nice RRI QSL card. They are quite colorful.

I send in my reports via postal mail. It is old fashioned, but fun. It is still fun to receive the QSL in the mail with nice Romanian postage stamps. I also send in comments on the programming which they appreciate. It lets them know you are listening and care. With so many stations going off the air the past decade, I feel the more people participate, the better chance we have of, perhaps, keeping RRI on the air. You never know when the budget will get cut and the plug pulled. To many "Last Day of Broadcast" QSL's in my collection.

You can get contact information in the WRTH or their web site at www.rri.ro.

Best wishes to all and 73's, John

Thanks again to all 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.

International Broadcasting

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

Voice of America is now VOA, for the most part

If you visit the Voice of America, oh, sorry, VOA website — voanews.com — you will notice that it has been redesigned. New font, new layout, etc. And while there are many references to VOA, and mention of “Voice of America” is absent in the news sections of the site. You must go to the “About VOA” section to encounter the name “Voice of America,” and even there it’s mostly “VOA.”

VOA thus joins a large list of organizations, commercial and otherwise, whose brands have evolved from their spelled-out names to their initials. The Columbia Broadcasting System is now CBS. Kentucky Fried Chicken is now KFC. National Public Radio has become NPR.

For many years, I have thought that VOA should do this. “Voice of America” sounds too much like “Voice of the Government of the United States of America.” “VOA” helps VOA brand itself as a news organization practicing independent journalism. That brand becomes global when the various VOA language services identify themselves on-air as “V-O-A” as it is pronounced in English.

The VOA brand is not quite as tidy as that of BBC. While the BBC is still officially the British Broadcasting Corporation, it is almost always referred to, and almost always refers to itself, as BBC. You hear that “BBC,” usually as it is pronounced in English, on all the BBC language services. Throughout the world, “BBC” is easy to pronounce and easy to remember.

Extreme Adherence to Policy

While the VOA acronym might help demonstrate its independence and thus build its

credibility as a news outlet, other developments suggest that independence is not a prime VOA objective. A VOA press release on August 12 — bit.ly/2aQJv5Z — announced the creation of its new Extremism Watch webpage. VOA director Amanda Bennett is quoted in the statement: “It enhances our coverage of violent extremism and terrorism ... while adhering strictly to the VOA Charter, which mandates accurate, balanced and comprehensive reporting.”

And, so, knowing VOA journalists, the new webpage probably will be balanced and comprehensive. But “extremism” sounds very familiar. If you do a web search on “Department of State” and “extremism,” you will find that countering violent extremism is a major policy objective of the Obama Administration. If VOA devotes entire subdivisions of its website to subjects that also happen to be Administration policy priorities, VOA will have a harder time establishing its bona fides as an independent news organization.

Leftover Turkey

In last month’s column, I reported on the role of international broadcasting — not much as it turned out — during and after the coup attempt in Turkey. I now have the July data from comScore, which tracks to number of visitors to websites in various countries. BBC Turkish is arguably the most important source of news in Turkish about Turkey that is not subject to Turkish domestic media restrictions. I was expecting more of a bump for BBC Turkish, but its number of desktop visitors in Turkey rose only from 596,000 in June to 676,000 in July — only a 13% increase.

A possible explanation is that BBC Turkish was blocked, at least by some ISPs, for part of July. Another possibility is that Turks turned to television more than websites for news during the coup attempt, and that

some Turkish domestic TV channels were able to remain sufficiently independent to report the developments. We know about the role of CNN Türk (affiliated with CNN but really a domestic channel) in providing an outlet for President Erdogan's appeal for resistance against the military coup plotters. The comScore numbers for CNN Türk rose from about 2 million in June to over 3 million in July. The number of visitors to Aljazeera Türk shot up from about 210,000 in June to 443,000 in July.

In Russia, the rise of Meduza.io

Meanwhile, there have been some interesting trends in the comScore data for Russia. The RFE/RL Russian site, svoboda.org, has seen a decline in its number of desktop visitors in Russia from 1.1 million in December 2015 to 600,000 in July. The VOA Russian site, golos-ameriki.ru, is down from 375,000 in January 2016 to 106,000 in July. What happened?

One possibility is that the sites are being blocked, at least partially, although I don't have any direct evidence of this. Another is that the news in Russia, while bad, has become more routine, providing less of an incentive to seek information from abroad.

But another explanation is that the audience for independent news has been diverted elsewhere. I looked at the comScore data for Meduza.io, a Riga-based, Russian-language news website. The journalists at Meduza.io are largely from Lenta.ru, a Russian news site that, through management changes, is now more in line with Putin's policies. The number of desktop visitors in Russia to Meduza.io has risen from 500,000 in January 2016 to nearly a million in July. (The .io domain is for the British Indian Ocean Territories, which includes Diego Garcia. For Meduza, it's a domain-of-convenience, sort of like a Liberian-registered merchant ship.)

Another factor that could be diverting audiences from the RFE/RL and VOA Rus-

sian websites is a new project, Current Time TV, which is a partnership of RFE/RL and VOA. Looking at our Adobe Analytics, something called the CurrentTime Now app has a number of visitors hovering around 3 million per month since April 2016 — with very few visitors before that. But unlike comScore, Adobe Analytics is spoofed by users who delete cookies from their devices, or don't allow them in the first place. In this case, each visit may be counted as a separate visitor, resulting in a misleadingly large number of "unique visitors."

North Korea cracks down on Notetels

Radio Free Asia reported on August 24 — bit.ly/2bobDKO — that North Korean authorities are now confiscating Notetels, after allowing them to be imported from China. What's a Notetel? An Internet search won't find much. However, search on "PDVD" and "Alibaba," and you'll see several examples of these devices. Basically, they're portable DVD players. They allow various disc formats prevalent in Asia, including VCD and EDVD. And they have ports for USB drives and the different sizes of SD cards. Because of this versatility, Notetels can be used to view entertainment from South Korea and China, stored on media comparatively easy to smuggle into North Korea.

The RFA piece also discusses, and probably overplays, the ability of many Notetels to receive TV and radio from South Korea and China. Some do have TV and FM tuners, but a North Korean would have to be close to the border to receive broadcasts from those two countries. The newer Notetels will have digital TV tuners, capable of receiving Chinese and South Korean TV (if within range), whereas North Korean terrestrial television is still analog.

Views expressed are my own. See voaradiogram.net and www.kimandrewelliott.com.



Shortwave Center

John Figliozzi • 45 Algonquin Road • Clifton Park, NY 12065 • jfiglio1@nycap.rr.com

We have a potpourri of items this month as we begin our transition from the summer static season toward the new Northern Hemisphere DX season. Let's get right to it!

DRM (DIGITAL SHORTWAVE) NEWS

New DRM Receiver Coming on Market

The **PantronX Titus II** is actually a full SDR solution in a boombox case. Few details yet, but it is running Android, has a 100 kHz to 2 GHz receiver on-board and decodes AM, FM, SSB and DRM natively.

It uses a Quad-Core ARM A53 @ 1.2 GHz, 1 Gig of RAM and 8 Gig of on-board Flash. 7" TFT display and supports Android 5, 6 or custom remixes.

It sports some hardware buttons and the back-stand folds under to cover the TFT for safety and storage. This unit also facilitates the Filecasting concept reported about before. It can even be used as a WiFi hotspot, to rebroadcast data it has received to other local mobile devices.

[See drмна.org for some photos of this new unit. -ed.]

George Ross of Trans World Radio/KTWR Guam emailed the following:

"I noticed some questions for pricing. Talking with Mike today he said the price is well below \$100 USD."

Mike is the manufacturer / developer for PantronX.

From Ray Robinson, Operations Manager at KVOH, Los Angeles:

It's a fully functional Android tablet. If the SDR that comes with it doesn't do what you want, you can install any other Android App. For instance, it doesn't decode DAB or DAB+ natively, but it's easy to install a DAB app if that's what you want.

It also has an SD card slot for recording, and wi-fi (for loading on other apps), but no cellular connection. It can, however, create its own wi-fi hotspot for the purpose of sharing rich media content (not just audio, but text, photos and potentially even video) received via DRM Filecasting with other wi-fi capable devices nearby.

It was difficult to evaluate speaker performance in the outside location (hotel parking lot) which was a bit noisy. But, there wasn't a lot of volume, and based on what I actually heard, I would only rate the audio quality as average. The production units will, however, have an audio out jack, so better speakers or headphones can be used if desired. There will also be an external antenna jack.

My only real concern with the pre-production unit was with the power. To be sure, the Titus II's power is an improvement over the NewStar, which has no batteries at all and must be plugged in to operate (who would design a 'portable' radio without a battery?). But, the Titus II's rechargeable battery currently only has an operation time of about 5 hours while listening to DRM radio, and it's not designed to be replaceable. It can be recharged quite quickly through a wall wart transformer, but the unit has no solar panels, hand crank, or anything like that.

I would prefer to see a little more flexibility and robustness for use in third world environments where grid power may only be available intermittently. The developer said, "Well, of course we can use a larger battery, but that would put the price up. How much extra do you want to pay?" It's all a function of cost.

As currently configured, we're expecting the **Titus II** to be priced in the US\$80-90 range. But, there is also a Titus I in development (that we did not see here, only heard about) that is not based on an Android tablet. It will have a small screen similar to the **NewStar D-111**, but will embody many of the other design elements of the **Titus II**. The **Titus I** model is being designed to sell in the sub-US\$50 market.

It does have an HDMI socket on it. *[for video output - ed.]*

(Pieced together from various reports originating from the HFCC shortwave frequency coordination meeting in Miami held in August, Internet postings.)

SHORTWAVE NEWS

Deutsche Welle reaches 135 Million People Worldwide

Deutsche Welle (DW) has recorded a marked increase in its audience reach over the last year. 135 million people watch, listen to or use DW programs and services at least once a week, compared to 118 million in 2015. The English-language TV program and digital offerings across languages, especially in social media, are particularly successful.

DW Director General Peter Limbourg: "The positive development in the number of users of our media strengthens our conviction to focus on digital media and extensive news programming in English. The popularity of our formats, especially in the Middle East and Africa, is proof of DW's positive image. Thanks to our multi-language editorial teams, DW is a recognized and valued source of independent, reliable journalism."

TV programs

DW offers 24-hour TV programs in German, English, Spanish and Arabic. TV formats in 16 languages are broadcast in cooperation with more than 2,500 partners worldwide. DW now reaches 66 million viewers, as compared to 55 million in 2015.

Among the four languages, English programming is the most popular with viewers, reaching up to 30 million people every week. The redesigned English channel was launched in June 2015. The hourly DW News shows which make up the core programming

are complemented by magazines, reports, documentaries, interviews and talk shows. Interruptions due to breaking news are possible at all times.

Over the last year, the weekly number of viewers of DW's Arabic television program in the Middle East and North Africa has increased by about 50 percent, due to many partnerships with regional TV stations. The digital offerings in Arabic are nearly as successful. The German-language program is currently being updated and will be relaunched early next year with a clear focus on culture.

Radio programs

For international broadcasters, radio remains a relevant media - especially in Africa, where DW programs can be received via FM and short wave. Currently 40 million people listen to DW programs on a regular basis, especially in Hausa and Kiswahili.

Digital offerings

29 million users choose the digital offerings of the DW App, on dw.com, social media or affiliated platforms. In 2015, the weekly figure was 22 million. The interactive app is available to download for free at dw.com/app/ios or dw.com/app/android).

Facebook likewise plays an important role. The increasing use of DW video content draws a growing number of young fans in Asia, especially in Bangladesh and Pakistan. In the Arab world, DW's digital contents

reach more than nine million users per week; in Europe it is more than six million.

July 29, 2016 via the Association for International Broadcasting (www.aib.org.uk)

SHORTWAVE PERSPECTIVE

The Evolution of Shortwave Radio

By James Careless, 08/01/2016

Radio World (www.radioworld.com)

OTTAWA, Ontario — With the advent of radio in the 20th century, the shortwave band (1710–30,000 kHz) soon became a hotbed of long-distance radio broadcasting. Used primarily by state-run international broadcasters, plus ham radio operators and ship-to-shore radio communications, the shortwave band was prized due to its astoundingly broad reach.

That reach was — and is still — made possible by the tendency of ground-based shortwave radio transmissions to bounce off the ionosphere and back to earth; allowing shortwave broadcasts to “hop” repeatedly, increasing a broadcast's range while minimizing its decay. This writer once heard **BBC World Service** on 6175 kHz coming to him from both directions at once; a phenomenon proven by the “echo” he heard caused by the “around the world” shortwave signal arriving at his receiver slightly later than the “direct path” signal.

At the height of the Cold War, the shortwave bands were packed with content as the Voice of America and West Germany's **Deutsche Welle** (Voice of Germany) traded ideological punches with Radio Moscow and East Germany's **Radio Berlin International**. This is because analog shortwave radio broadcasting was the only way for both sides to make their political cases cross international borders: There was no satellite TV, let alone any internet.

Fast forward to 2016. Today, shortwave and its often scratchy, interference-ridden, fading mono transmissions have

been trumped by other higher-performing, content-rich delivery platforms. As a result, “A large part of the audience that would formerly listen to international broadcasters can now get the same information from websites and/or satellite TV,” said Andy Sennitt, former editor of the *World Radio Television Handbook* and shortwave correspondent with the now defunct **Radio Netherlands International** [*sic Worldwide*] radio service. “The regular audiences in Europe, North America and parts of Asia are now a tiny fraction of what they once were,” Sennitt noted. “In parts of Africa and South Asia there are still significant shortwave audiences, but even those are gradually declining.”

At the same time, Western broadcasters such as the **BBC World Service** and others have found it cheaper to distribute their content to domestic FM broadcasters in target countries, as well as by satellite TV and the web. Add the end of the Cold War (or at least the first one) with fall of the Berlin Wall in 1989, and cash-strapped Western governments no longer see a reason to spend millions operating 100 kW shortwave transmitters and their attendant large antenna farms.

This is why the **BBC World Service**, **Voice of America**, and others have substantially reduced their international shortwave broadcasts, with the former going as far as ending transmissions to North America, Europe, and Australia and parts of Asia. Meanwhile, once popular Western shortwave broadcasters such as **Radio Canada International**, **Radio Netherlands**, **Swiss Radio International**, and **Radio Sweden International** ceased shortwave broadcasts altogether. Some of the former shortwave stations now stream their content on the web.

"In the past 10 years, the majority of legacy government-sponsored shortwave radio stations have either closed down or dramatically reduced their services," observed Thomas Witherspoon, editor of the popular shortwave news site SWLingPost.com. "Very few shortwave broadcasters still target North America and Europe."

Same Usage, Changing Players

Given the reduction and/or demise of so many international shortwave broadcasters, one might expect that the world's shortwave spectrum would be far quieter in 2016. But this is not the case. Based on recent data compiled by the High Frequency Coordination Conference, the International Telecommunications Union committee that coordinates the allocation of specific shortwave frequencies among nations, "There is about as much broadcast activity on the shortwave band today as there was in the past," said Nigel Fry, head of Distribution for the BBC World Service Group.

"What has changed is who is using the band. As once-dominant Western broadcasters have scaled back or shut down their transmissions, others have taken their place, particularly by taking over the frequencies that are most effective at reaching large parts of the globe reliably and relatively clearly. Meanwhile, in those areas where shortwave remains the best way to reach people — such as in Africa and parts of Asia — the **BBC World Service** and other broadcasters are still relying on it."

A case in point: The **BBC World Service's** 5975 and 6175 kHz frequencies — once the foundation of the **BBC World Service's** evening service to North America — is now being used by **China Radio International** and the **Voice of Vietnam**. **Radio Netherlands's** one-time popular 6165 kHz North American channel is now being used by **Radio Havana Cuba**.

When it comes to state-run shortwave broadcasters today, "by far the most dominant is **China Radio International**," said Sennitt. "Soft power [e.g. wooing interna-

tional listeners to a given state-run broadcaster's political position] is being used by the Chinese much more effectively than by any other nation. They also use satellite TV and, in some countries, domestic radio. In the U.S. there are a number of stations owned by Chinese companies in major cities, even Washington. **China Radio International** is carried on these stations for all or part of the time. But their audience is minuscule," he said.

As well, much of shortwave's relinquished bandwidth has been taken up by donation-funded religious radio stations, plus private broadcasters. In the second category, "**WRMI** is the first station that comes to mind. This U.S. station experienced a significant expansion in late 2013," said Witherspoon. "After **WRMI** purchased the [former] **WYFR** transmission site [in Okeechobee, Florida], they thought they would begin with one or two transmitters on the air and perhaps expand slowly. But at last report **WRMI** general manager Jeff White told me they now have all 14 of their transmitters on the air, most up to 24 hours a day." **WRMI** makes its living by renting airtime to third-party religious, political, and state broadcasters.

Meanwhile, shortwave's ability to cover large areas economically (if not with great audio quality) makes it a natural for Third World countries. For example, South Sudan has recently added shortwave to complement its **Eye Radio** FM broadcasts. The shortwave broadcast, which began April 26, covers "the whole of South Sudan including remote areas in which communities are not able to access FM radio stations," said Stephen Omiri, CEO of Eye Media, **Eye Radio's** parent company.

"**KVOH** in Los Angeles — a Christian broadcaster known the **Voice of Hope** — has recently put the **Christian Vision** shortwave station in Zambia back on the air," added Witherspoon. "I also learned from **Radio World** that World Christian Broadcasting launched its second shortwave station, **Madagascar World Voice**, in late March."

As well, according to Fry, the **BBC** is planning to start broadcasts to Ethiopia and

North Korea this fall. "So some regions that especially need the service shortwave provides will be receiving it, at least in some measure," Witherspoon said.

"Another expansion involves low-power (10 kW or less) shortwave broadcasters in Europe, particularly in Germany," said Kim Andrew Elliott, audience research analyst with the **Voice of America**. "Examples include **Channel 292** on 6070 kHz, and **Radio 700** on 3985, 6005, and 7310 kHz. They are like LPFM in the United States, except the European low-power shortwave stations can sell time and have very low rates. This encourages participation by niche program makers. Other low-powered shortwave stations in Europe are not licensed, i.e. they are pirates. Most are found on frequencies just above 6200 kHz."

Digital Shortwave Radio

The local/regional push to bring digital radio to the MW (AM) and FM broadcast bands through DAB and (in the U.S.) HD Radio does have an all-band (including shortwave) counterpart. Known as *Digital Radio Mondiale* and operated in test broadcast mode for many years by numerous shortwave broadcasters, DRM "offers an excellent option for delivering the great advantages of long-distance, wide-coverage shortwave broadcasting in excellent audio quality with extra features and multimedia data," said Ruxandra Obreja, chairman of the DRM Consortium, an international group driving DRM's worldwide campaign for deployment.

Even in its current test mode, "about half of the world population is within range of a DRM signal," Obreja noted. "**BBC, All India Radio, Radio Vaticana, Voice of Nigeria, RNZI, and Radio Romania** [International-ed.] are regularly broadcasting in DRM shortwave," she said. "The value of these services is beyond any doubt. What they need is receivers or receiver solutions."

Fortunately for DRM, **All India Radio's** decision to update its shortwave and MW analog transmitters to DRM digital transmission is

giving this format the big push the consortium has been hoping for. The 1.25 billion people living in India is large enough "to support indigenous DRM radio receiver production; both portables and in-car units," said the BBC's Fry.

"This is creating a product base of DRM radios that can be sold into other countries, should they decide to embrace DRM." The made-in-India Avion stereo portable DRM radio — known as the AV-DR-2401 — was shown at IBC2015 and is available for purchase at www.avionelectronics.in for US\$189.

"There are rumors in the DRM community that a Chinese manufacturer is plotting to release a DRM portable by end of 2016," said Witherspoon. "This might make sense as there could potentially be a substantial market in India if the receivers are effective and affordable."

Conventional radio broadcasting isn't the only possible use for DRM. For instance, the German navy is using DRM to deliver audio, video and data to its ships and personnel around the world," said Obreja. "The U.S. Coast Guard is also considering using DRM in the same way for services to the far north." Meanwhile, **Radio New Zealand** is using DRM to backhaul audio content to the Pacific Islands, "where the digitized programs are reconverted to FM" for conventional analog transmission, she said.

However, Sennitt is skeptical that DRM will be able to leverage its India deployment to global success. "If you believe the DRM Consortium, it's just a matter of time (until this occurs). But they have been saying that for well over a decade," Sennitt told *Radio World International*. "In my opinion, DRM is now a niche technology that was devised 10 years too late. The major receiver manufacturers have ignored it, and the few radios that have been produced in small quantities were too expensive and performed poorly. So there's absolutely no consumer demand. Only a tiny proportion of shortwave transmissions use DRM, and most shortwave listeners can't receive them."

Perhaps DRM's ongoing rise to prominence in India will change this situation globally; perhaps not. In the meantime, the **Voice of America** is running its own digital transmission tests over analog shortwave, on the "VOA Radiogram" show hosted by VOA's Kim Andrew Elliott. In this program Elliott — one of shortwave's most respected researchers/broadcasters — sends out digital images and text to listeners. To decipher these broadcasts; each listener must have a shortwave radio with an audio connection to a PC loaded with decoding software such as Fldigi, MixW, MultiPSK, or DM780.

"Kim Andrew Elliott has amassed a sizable audience of listeners around the world who decode his mostly digital broadcasts which originate at the Edward R. Murrow transmitter site in Greenville, North Carolina," said Witherspoon. "Elliott regularly receives (proof of) decoded images and text files from across the globe, and it's important to note that his transmissions can more easily penetrate jamming than analog AM broadcasts."

According to Elliott, his *VOA Radiogram* digital text/image transmissions have proven that such information "can be broadcast by any shortwave transmitter, with no need for modification, and received on any shortwave radio, even inexpensive portables with no single sideband capability," he said. "We have found that text is received successfully in conditions where an analog voice broadcast would be difficult to understand. So while DRM reduces the capability of shortwave, digital modes via analog radio actually extend the capability of shortwave."

Long-Term View

Type "Is shortwave dead?" into Google, and you will receive pages of websites arguing on both sides of the issue. The reason this is such a contentious question is due to the demise of Western shortwave broadcasters and their broadcasts to North America and Europe. The end of these broadcasts disenfranchised many formerly avid shortwave fans (including this writer), causing them to mourn the loss of what had been an inter-

esting and challenging listening hobby and look elsewhere for diversion.

That said, the research that went into this article suggests that the shortwave band is sufficiently alive to be still evolving. The retreat of the BBC World Service and other Western broadcasters from the band has left space for other countries and private companies to grab their frequencies, while DRM's win in India has given this digital shortwave format its first credible chance at going global.

But does this evolution mean that shortwave has a future? On this crucial point, the experts disagree.

On the positive side, "shortwave remains the most accessible international communications medium that still provides listeners with the protection of complete anonymity," said Witherspoon. "I still see a place for shortwave in the 21st century, especially for reaching areas of the world that are prone to natural disasters that destroy local broadcasting and Internet infrastructure," added Fry.

On the negative, "shortwave is a legacy technology, which is expensive and environmentally unfriendly," said Sennitt. "A few countries are hanging on to it, but most have faced up to the fact that the glory days of shortwave have gone. Religious broadcasters will still use it because they are not too concerned with listening figures," he said.

"**China Radio International**, I am reliably informed by someone who worked there, gets a huge budget and has not so far been under any pressure to cut costs, but as growth in the Chinese economy starts to slow down it will be interesting to see how long this situation continues; especially given the other soft propaganda platforms already used by the Chinese."

So what will happen to shortwave in the years ahead? The only reasonable advice is — stay tuned!

James Careless reports on the industry for Radio World from Ottawa, Ontario.

Shower Radio on Shortwave: The Northern Territory Shortwave Service in Australia

These days, in many countries around the world, it is possible to buy a small radio receiver that can be taken into the shower cubicle, and while you are taking your morning shower, you can listen to the radio; perhaps your favorite music, or maybe the bulletin of latest news.

Perhaps in some ways, there is a similarity between the popular morning shower and our radio topic for today.

The Northern Territory in Australia is a sparsely populated wide open territory, mainly desert, which is administered like a state within the Commonwealth of Australia. The territory encompasses half a million square miles with a population of only a quarter million. The capital city is Darwin, and the main tourist attractions are Ayers Rock [also known by its aboriginal name, Uluru - ed.] in the red center, and the nearby Olgas Rocks.

The story about shortwave radio broadcasting in the Northern Territory can be traced back to the year 1928. In May of that year, medium wave station **5CL** in Adelaide, a commercial station as it was in those days, applied for a shortwave license for the purpose of relaying their programming to the widely scattered listeners in the outback areas of South Australia and the Northern Territory. For a period of time, the Northern Territory had been administered by the government in Adelaide, South Australia.

The **5CL** license application requested 5 kW in the shortwave bands around 70 or 80 meters. However, the licensing authorities refused to issue a shortwave license for this purpose. Thus it was that during the next year, **5CL** began to send some of its pro-

gramming by landline to Melbourne where it was picked up by **3LO** and re-broadcast to the Northern Territory on shortwave from **VK3ME**, the AWA transmitter at suburban Braybrook.

Ten years later, consideration was again given for coverage of the Northern Territory on shortwave, and again medium wave **5CL** in Adelaide, by this time operating as a government **ABC Radio** station, was intended to be the program source. However, with international tensions beginning to mount in a prelude to World War 2 over in Europe, the project was shelved.

The next occasion for preliminary planning for a territory shortwave service took place in the early 1970s. Initially, a total of six shortwave transmitters were envisaged. Preliminary target date was 1971, and location, for at least three of these transmitters, was **Radio Australia** at Cox Peninsula near Darwin.

Three shortwave transmitters at 100 kW were obtained from Harris Gates in the United States, and these were taken into storage at the quite new **ABC** medium wave facility at Pimpala, down the coast from Adelaide in South Australia. However, at Christmas 1974, Cyclone Tracy destroyed much of Darwin city and damaged the nearby **Radio Australia** transmitter base.

Once more shortwave coverage for the Northern Territory was again postponed, and one of the transmitters at Pimpala was diverted to a temporary new relay station for **Radio Australia** at Carnarvon on the coast in Western Australia where it was activated on February 15, 1976 under the line call sign **VLL**. (The two remaining transmitters at

Pimpala were diverted for installation at **Radio Australia**, Shepparton, in Victoria.)

Give another ten years and planning began on the fourth attempt at a shortwave service for the Northern Territory. In preliminary preparation, a 15-minute daily news bulletin was broadcast from the 500 watt communication transmitter **VJY** in Darwin. This news bulletin was a relay from **8DR**, ABC Darwin, on medium wave. It was on the air twice daily, and the **VJY** transmitter was located at the **Radio Australia** receiver base near Cox Peninsula.

In this new project for shortwave coverage of the Northern Territory, three Continental transmitters, model 418D-2 at 100 kW, were obtained and they were installed each at a different location. Each transmitter was intended for unattended operation at a power level of 50 kW, on one shortwave channel during the day and another at night.

The antenna system at each station was a v-shaped net style log periodic supported from two masts. The antenna beam is vertical incidence, almost straight up, with a scattered downward reflection from the ionosphere into surrounding territorial areas.

The first of these three new Home Service shortwave stations was taken into service at Roe Creek near Alice Springs on February 20, 1986. Transmitter **VL8A**, located just off Stuart Highway on the southeast side a little south of the small Alice Springs airport, took a program relay from the studios of medium wave **8AL** at Alice Springs.

The next station, **VL8K**, was inaugurated on April 3, 1986 and the transmitter was


co-sited with the 50 watt medium wave station **8KN**. This double transmitter facility, medium wave and shortwave, was installed just off Stuart Highway on the south east side, seven miles north west of Katherine.

The third shortwave transmitter was inaugurated a few days later, and it was co-sited with the 1 kW medium wave station **8TC**, just off the south side of Stuart Highway, five miles south east of Tennant Creek.


After nearly 20 years of on-air service in the hot desert climate, all three of these Home Service shortwave transmitters were deemed too unreliable and replacements were needed. Each was switched off in rotation for a month or six weeks, and during this time **Radio Australia**, Shepparton, provided an interim fill-in service, beginning on October 10, 2005. The 100 kW transmitter was noted on 11880 kHz during the day and 6080 kHz at night.

The replacement transmitters, model 418G, were again provided by Continental, 100 kW units operating at 50 kW. All three were activated during the time period running from April to August 2006. Interestingly, an additional similar unit was installed at Tennant Creek for operation in the digital DRM mode in mid 2011.

Currently, all three of the shortwave stations in the Northern Territory regional shower service are on the air 24 hours daily, and they are heard seasonally in many different countries around the world.

[Transcribed by Jerry Berg from an AWR Wavescan script first broadcast 12/15/2013.] 

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

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

Times are UTC and frequencies in kHz.

ALASKA Alaska's High-Frequency Active Auroral Research Program (HAARP) facility will reopen in 2017. The sprawling facility now is under the ownership of the University of Alaska Fairbanks (UAF), and the UAF Geophysical Institute is preparing HAARP for a new sponsored research campaign that's set to begin early next year, UAF Researcher Chris Fallen, KL3WX, told ARRL. UAF describes HAARP as "the world's most capable high-power, high-frequency transmitter for study of the ionosphere." Built in three phases, starting in the early 1990s and continuing through 2007, at a cost of some \$300 million, HAARP over the years has inspired a wide range of conspiracy theories that became grist for late-night radio talk shows. The FCC recently granted two Part 5 Experimental Service licenses for HAARP ionospheric research "across multiple bands." Operation of the research facility was transferred from the US Air Force to the UAF last August, allowing HAARP to continue exploring ionospheric phenomena via a land-use cooperative research and development agreement. (Radio World)

ALBANIA 9855, *R. Tirana*, Shijak, 0128 Aug.9.2016 - Tune in to Interval signal at fair/poor level. Buzz on signal is still there but at manageable level tonight. YL w/usual opening ID's then into news by om. Static level is pretty high and signal is having trouble staying above the noise floor. Muffled audio is actually more of a nuisance than the regular buzz on the carrier. Still able to pick up some program details, feature on book fair. One of the best signals from here in quite a while. (Stephen Wood-MA/NASWA YG)

ANGOLA 4949.75, *R Nacional de Angola*, Mulenvos, 1850-1908, Aug 13, Portuguese comments. Very weak 14321. (Méndez-Spain/DX Window) Also heard at 0030-0035, Aug 12, Portuguese talk - very weak, 15221. (Petersen-Denmark/DX Window)

AUSTRALIA 3210 *Unique Radio*. Pretty tough going 1313, talks, could pick out some of the content only. Came back up 29th July, per their Website. 30/7. (Craig Seager-Australia/ARDXC) 3210 *Unique Radio*, Halls Creek. Reactivated! Low level

w/some sort of transcription px 1307, EE, 30/7. (Seager-Australia/ARDXC)

9580, *Radio Australia* silent. On RA website, ways to listen, twitter feed shows off air for maintenance 08.15 till 1500 AEST/PNG Time. (John Smith-Australia/ARDXC) Where is Radio Australia? I haven't heard them on 9580 or 15240 all week. That has never happened before. (Mike Nikolich, N90VQ-IL) They are "investigating this issue"

AUSTRIA Reception of *Radio Oesterreich International*, Aug.5:

0500-0620 on 6155 MOS German Mon-Fri
0500-0615 on 6155 MOS German Sat/Sun
(DX Mix-Bulgaria)

AZERBAIJAN 9677, finally remembered to check for *R. Ictimai* this morning and found it on Maunos "Karelia MW DX" Perseus on the net. It took a little while but discovered it was on 9676.9, give or take about 50 Hz. Very distorted as it's been reported and it was most audible in FM mode. I think this might be possible here in the US during good conditions. But we'll have to remember to listen in FM mode. (Dave Valko-PA) 9676.9, *Ictimai R* or *Voice of Justice*, Stepankert, from 1030, Sa Aug 20, broadband FM modulation, weak signal. (Ivanov-Bulgaria/DX Window)

RFE/RL challenges Azerbaijan in court. Today (3 August) sees the opening of an appeal against tax-related claims that were used by the Azerbaijan government to force the closure of RFE/RL's Baku bureau in December 2014. The appeal follows the freeing of RFE/RL journalist Khadija Ismayilova from prison in Azerbaijan in May this year. Full details of the story are here, and follow developments on the RFE/RL website. (AIB London, industry briefing, 3 Aug/TopNews)

BANGLADESH 4750, *Bangladesh Betar - HS*, 1251-1309*, Aug 8. In Bangla; 1252 the usual daily brief spot in English with the weather, temperatures, etc.; 1300-1305 news in Bangla; suddenly off; they continue with their very much abbreviated schedule; slightly stronger than CNR1 on frequency.

Quick check today at 1235, for the Monday (weekly) SAARC news bulletin in English, but BB clearly off the air. Instead briefly heard BB 1204-1205, mixing with CNR1. Maybe attempting for a more normal schedule, but failed? (Ron Howard-CA) 4750, Bangladesh Betar - HS. In addition to the abbreviated *1253-1306* broadcasts I have recently been reporting, now find a similar short broadcast *1155-1206* (Aug 16), with the news at ToH. Strange scheduling to be sure! (Ron Howard-CA)

BELARUS Belarus will be without a wired radio on October 1. As reported by the Ministry of Communication and Information, October 1, 2016 Belarus will cease completely wired radio broadcasting. (Via RUSdx July 24) Shortwave already gone. (RAD)

BHUTAN 6035.0, *BBS*, 1211-1238*, Aug 8. Usual brief indigenous music 1215, 1218, 1220; indigenous music and singing 1222-1230; 1230 indigenous music into chatting; suddenly off; poor, but at times fair, depending on amount of adjacent QRM; PBS Yunnan (China) already off; decent signal strength. (Ron Howard-CA) 6035, *BBS*, 1218*, Aug 16. Suddenly off, after usual format; poor; PBS Yunnan already off. (Ron Howard-CA)

BOLIVIA 5952.42, *Radio Pio Doce*, 0228*, Aug 10. Started the normal sign off format, but cut off in mid-ID; almost fair with QRN (static). (Ron Howard-CA)

6025, 0522, *Red Patria Nueva* (tentative) running late 2/7 w/pop songs till off abruptly at 0525:30. Measured freq 6024.96 is the Bolivian's usual offset. Also hrd at 0353 on 8/7. (Bryan Clark-New Zealand/NZRDXL)

6134.82, *R. Santa Cruz*, 0203*, Aug 10. Off with the normal format; poor with QRN (static) and Brazil het. (Ron Howard-CA)

BRAZIL 4875.15, *R Dif. Roraima*, Boa Vista, RR, 0045-0050, Aug 12, Portuguese ann, Brazilian songs, 25232. (Petersen-Denmark/DX Window)

6000, according to DXer Lenildo Silva, Brazil, there will be another new Brazilian broadcaster on the SW. This is *Rádio Fronteira*, in Cabedelo (PB), which began conducting tests since last Sunday (July 31) on 6000. After reading some input from own Brazilian DXers, while the stn remains to be unheard, we learn that it's a 10 W transmitter, one of which can be purchased in online auction sites, seems to be of pirate nature. (Horacio Nigro-Uruguay/DXplorer)

6180, *Radio Nacional da Amazonia*, Brasília, 0455-0605, 06-08, Portuguese, comments about Olympic Games, other comments, Brazilian songs. 24322. (Méndez-Spain/PlayDX)

10000, *Time Signal Station Observatorio Nacional*, Rio de Janeiro, RJ, 0228-0235, Aug 13, time signals, female time anns in Portuguese, 13321. (Méndez-Spain/DX Window)

15190.1, *Radio Inconfidencia*, Belo Horizonte, 2002-2012, 06-08, Portuguese, comments. Very weak. 14321. (Méndez-Spain/PlayDX)

Please try to listen to *Radio TransMundial* (Brazil), on 5965 (after 0300), 9530 and 11735 (both after 1000), and send your reception report to qsl@transmundial.com.br. I will verify your information with a QSL-card. I am the V/S for the station. One of my home jobs! Inform the frequencies to your friends. It will be a nice friendship with our friends in the Nordics. (Rudolf Grimm São Bernardo SP-Brazil/Shortwave Bulletin)

CHINA 6035, *PBS Yunnan*, 1200, July 24 ended their regular programming; no ID at ToH, but went to non-stop selections of classical western orchestra music; often with one minute dead air between selections; no announcements of any kind; still with classical music by 1223. (Ron Howard-CA)

6080, *PBS Hulun Buir* (presumed); 1026, July 30. Seemed to be them with indigenous music/singing; sounded right to be in Mongolian; poor. (Ron Howard-CA)

CLANDESTINE *Radio Niger Delta Voice of Peace* via TDF Issoudun has been heard on new 11980 for its evening broadcast since 7 July. The schedule, in English and Vernaculars to Nigeria, is now:

0500-0600 Mon-Sat 9515-fr 1900-2000 Mon-Sat 11980-fr (ex 11985)

Contact address is radionigerdelta@yahoo.com. Web site www.radionigerdeltavop.com (WRTH update July) Not heard since 18 July according to the Bulgarian DX Blog. Closed? (British DX Club)

Reception of *Radio Al-Mukhtar, Idhaatu Sautiya* via TDF, Aug.2

1500-1530 on 15205 ISS Arabic Tue
1530-1600 on 15205 ISS Tigrinya Tue
(DX Mix-Bulgaria)

Updated A16 schedule of clandestine & other target broadcasts:

Radio Republica

0100-0300 on 9490 ISS Spanish

Radio Payem e-Doost

0230-0315 on 7460 KCH Farsi
1800-1845 on 7480 KCH Farsi

Denge Kurdistan

0300-0500 11600 ISS Kurdish
0500-1300 11600 KCH Kurdish
1300-1700 11600 SOF Kurdish
1700-1930 11600 ISS Kurdish
1930-2100 11600 SOF Kurdish

Radio Tamazuj

0330-0430 9600 ISS Arabic
0330-0430 11650 MDC Arabic
1430-1500 15150 NAU Arabic
1430-1500 15550 ISS Arabic
1500-1530 15150 MDC Arabic
1500-1530 15550 SMG Arabic

Radio Dabanga

0430-0600 11645 SMG Arabic
0430-0530 13800 MDC Arabic
0530-0600 13800 NAU Arabic
1530-1630 15150 MDC Arabic
1530-1630 15550 SMG Arabic

Eye Radio (former EDC Sudan Radio Service)

0400-0500 11730 ISS Arabic/English
1600-1700 17730 ISS Arabic/English

Radio Niger Delta Voice of Peace, inactive at present

0500-0600 9515 ISS English
1900-2000 11980 ISS English from July 6

Radio Dandal Kura International

0500-0700 7415 ASC Kanuri
0700-0800 15480 WOF Kanuri
1800-2100 12050 ASC Kanuri

National Unity Radio

1300-1600 11550 DB Korean

Radio Al-Mukhtar

1500-1530 15205 ISS Arabic Tue
1530-1600 15205 ISS Tigrinya Tue

Radio Adal

1500-1530 15205 ISS Arabic Wed/Sat
1530-1600 15205 ISS Tigrinya Wed/Sat

Radio Xoriyo

1600-1630 17630 ISS Somali Tue/Sat
1600-1630 17870 ISS Somali Mon/Fri

Oromo Voice Radio

1600-1615 17850 ISS Oromo Mon
1615-1630 17850 ISS English Mon
1600-1630 17850 ISS Oromo Wed/Sat

Radio Munansi

1600-1700 15240 WRB African Music Sat/Sun
1700-1900 15240 WRB Luganda/English Sat/Sun

Dimtse Radio Erena

1700-1730 11885 SOF Oromo Daily
1730-1800 11885 SOF Arabic Mon-Sat
1730-1800 11885 SOF Oromo Sun

Voice of Oromo Liberation

1700-1730 15420 NAU Oromo Wed/Fri/Sun
1730-1800 15420 NAU Amharic Wed

Radio Assenna

1700-1800 15245 ISS Tigrinya Thu/Sat

Eritrean Forum Medrek

1700-1800 15245 ISS Tigrinya Sun-Tue/Fri
1700-1800 15245 ISS Arabic Wed
1800-1900 15245 ISS Arabic Sat

Radio Front for Independence of Oromo RKWO

1730-1800 17765 ISS Oromo Sun

Radio Publique Africaine

1800-1830 15480 ISS Kirundi
1830-1900 15480 ISS French

Radio Biafra

1800-2100 11700 SOF English
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews July 31)

11700, *Radio Biafra* at 2018 in English with commentary about Nigeria, 2027 lengthy song supporting Biafra, 2035 song interrupted as man began hosting telephone calls, continued until 2058:50 when off after brief closing announcement. - Good Aug. 11. (Sellers-BC/DXplorer)

11985, *Radio Nigeria Delta* via Issoudun. Jul 2 at 1900 (s/on) - 1930 in English. SIO 353. S/on with African music & ID as "You are listening to Radio Nigeria Delta, the Voice of Peace, broadcasting from New York." Interview & African songs. According to Ivo's tip on Hard-Core-DX.com, they moved to 11980. (Nagatani-Japan/Japan Shortwave Club)

CONGO 6115, is all this new activity related to start of the Olympic? Thorsten Hallmann also reported: "Aug 5, 1920-1925", 6115, another slightly odd one: French talk, not likely news, rather a kind of lecture or so. Sudden off. *R. Congo* back and one hour late compared to their former habits?" So this evening I will also be checking 6115. (Ron Howard-CA) 6115, Radio Congo (presumed), 0511-0545, Aug 6. Thanks very much to Thorsten Hallmann for the tip; 0511-0531, with alternating announcers in what certainly seemed to me to be French; 0518 brief African music; 0531-0545, switched to African vernacular; poor, with QRN (static). Brazzaville local sunrise at 0506. No "RN2" (Japan) QRM; quickly faded out after 0545. My last reception was back on May 19, so very nice to catch them again (poor quality). (Ron Howard, San Francisco, CA) 6115, Radio Congo, Brazzaville, 1815-1850, 05-08, French, comments, African songs. Very weak, best on LSB. 14321. (Méndez-Spain/PlayDX) 6115, Radio Congo, Brazzaville, 1817-1832*, 08-08, French, comments. 14321. (Méndez-Spain/PlayDX)

CUBA After waiting the 'normal' time for a QSL reply, I decided to re-send my report for their English language broadcast via the Titan-Quivicán San Felipe Transmitter site in Cuba, on August the 4th. Received a reply today, but not the usual 'package'

from Beijing ...but an electronic e-mail docx file QSL with a photo of Lake Namiso, Tibet. Full data and the transmitter site per my request. The reply as follows: "Dear Mr. Kusalik, Thank you for your reception report. We are sorry we hadn't received your report some weeks ago, on the other hand, we feel regretful that we can't send QSL card by post due to budget cut, however, we send you an e-QSL card by attachment. Your comments on our programs will be welcome. Yours sincerely, Ying Lian, English Service." So even now the *China Radio international* has been hit by cut-backs. (Edward Kusalik-Canada)

4765, *R Progreso*, La Habana, 0344-0402*, Aug 13, Spanish, "12 y 45 minutos, las noticias en Radio Progreso", news, "Radio Progreso les ha ofrecido su programación habitual", anthem, 34433. (Méndez-Spain/DX Window)

EQUATORIAL GUINEA 5005, *Radio Nacional*, Bata, 1929-1950, 14-08, Spanish, comments. Very weak, best on LSB. 14321. (Méndez-Spain/PlayDX)

ETHIOPIA 6030.00, *R Oromiya*, Geja Jewe, 1715, Jul 21, Oromo. (Ivanov-Bulgaria) Also heard at 1915-1925, Jul 27, Oromo ann, Horn of Africa songs, QRM Russian in USB, 34333. (Petersen-Denmark/DX Window)

6090.00, *Voice of Amhara State*, Geja Jewe, 1713, Jul 21, Amharic. (Ivanov-Bulgaria) Also heard at 2020-2030, Jul 26, vernacular talk, abrupt audio off for two minutes, back with Horn of Africa songs, 45333. (Petersen-Denmark/DX Window)

FINLAND *Pispalan Radio* is transmitting with low power on 25760, 24 hours a day until the end of July from Hämeenkyrö near Tampere. <http://www.pispalanradio.fi> (Mauno Ritola WRTH 18 July) Also on 729 with 80 Watts PEP - about 20 Watts EMPR. (British DX Club)

GERMANY Frequency changes of *DVD Deutscher Wetterdienst*, August 8:

0604-0630 NF 6180 PIN 010 kW German CUSB, ex 5905
1204-1230 NF 6180 PIN 010 kW German CUSB, ex 5905
2004-2030 NF 6180 PIN 010 kW German CUSB, ex 5905
(DX Mix-Bulgaria)

Deutsche Wetterdienst moves to 6180. Jan Balzer reports on A-DX list, that DWD has changed frequency yesterday: 6180 kHz instead of former 5905:

0600-0630, 1200-1230 and 2000-2030. http://www.dwd.de/DE/fachnutzer/schiffahrt/seewetter/seewetter_node.html. (Mauno Ritola-FIN, WRTH FB Aug 10/TopNews)

DW grows global audience: Deutsche Welle (DW) has recorded a marked increase in its audience reach over the last year. 135 million people watch, listen to or use DW programmes and services at least once a week, compared to 118 million in 2015. The English-language TV programme and digital offerings across languages, especially in social media, are particularly successful. Commenting on the latest audience figures DW Director General, Peter Limbourg (pictured), said: "The positive development in the number of users of our media strengthens our conviction to focus on digital media and extensive news programming in English. The popularity of our formats, especially in the Middle East and Africa, is proof of DW's positive image. Thanks to our multi-language editorial teams, DW is a recognised and valued source of independent, reliable journalism." (AIB London, industry briefing, 3 Aug/TopNews)

6070, **Atlantic 2000 International** via Channel 292, Rohrbach, *0700-0720, 14-08, pop music, identification in English: "Atlantic 2000 International, we thanks reception reports at atlantic2000international@gmail.com", more pop music and comments and identification in French. 24322. Also heard at 1611-1650, 14-08, pop music, French, comments, identification: "Atlantic 2000 International". 14321. Also *1900-1920, 14-08, identification, French, comments, pop music- 34433. (Méndez-Spain/PlayDX)

New shortwave station **Radio Star** from Italy sent this station information: "Radio Star is basically my own radio station, also if it is a REAL radio station here in North Italy, it is not a commercial one, so still pretty free. It is on air from 2008 on digital terrestrial, with a coverage area of 15 million people here and few million also in USA, in NYC area (I made an accord with another station), that is not bad for a radio station that was born in my attic in 1993 through pirate FM low power (really low... less than one mile). Now I am trying with shortwave, that I listen too from basically always. You can listen my programme every Friday at 2100. You can find our schedule on www.freewaves.it. (Shortwavedx.blogspot.de via Axel Röse-Germany/British DX Club) Radio Star International is on air on Short waves, through Channel 292 on 6070 every Friday at 2100. You can contact us by email

at: radiostar@freewaves.it. Every reception report will receive a personalized and numbered eQSL. (www.freewaves.it)

GREECE 9420, **VOG**, at 0257, on Aug 10. English & Greek IDs ("This is Athens. You are listening to the Voice of Greece"), along with IS; 0259 National Anthem and into music show; later (0320 & 0329) found off the air, but always came back on again; fair. (Ron Howard-CA)

GUAM Frequency change of **Adventist World Radio KSDA** from Aug.7

1500-1530 on 11980 Tamil, ex. 15715 (DX Mix-Bulgaria)

GUINEA 9650, **Radio Guinée** Conakry was back again on shortwave, August 5 1915 & 2035 to WeAf in French/Local langs. (Ivo Ivanov-Bulgaria) 9650, peaking just over S9 here. If this is their old 31mb transmitter, I find it incredible that they'd be right on the money after all these years. I wouldn't be surprised if this is via Issoudun. (Dave Valko-PA) Clear mention of Conakry at 2134 and clear ID for Radio Guinea. At 2138 the guy was talking briefly about "la chaine nationale" and also "la musique africaine". Nice Afro pops pgm now. (Ralph Perry-IL) Very nice signal now at 2245. I wonder if they'll be on again tonight. (Dave Valko-PA) 9650, Radio Guinea Conakry, *0628-0803, 15-08, French, religious catholic program commemorating holiday of the Assumption of the Virgin, "Bonjour, nous célébrons aujourd'hui la Assomption de Marie", "La parole du Seigneur", "La voix de Marie, Marie est present", "Jean Baptiste", "Programme spécial de la Vierge Marie dans la cathédrale...", at 0800: "Sept heures, programme spécial de l'Assomption de la Vierge Marie", identification: "Vous écoutez Radio National de Guinée emettan de Conakry", "Radio Guinée". 24322. Strange, religious catholic program about The Assumption of the Virgin because Catholic Religion in that country is a small minority. (Méndez-Spain/PlayDX)

INDIA 4800.00, **AIR Hyderabad**, *0018-0040, Jul 31, AIR IS, ann "Vande Mataram", Vande Mataram hymn, Hindi ID: "Yeh Akashvani Hyderabad", Indian folksongs, ID, local talk, 0030 Telegu news, 0035 English news from Delhi // 4920, 45333. (Petersen-Denmark/DX Window)

4950, was playing around on the Perseus net this evening (Aug 2) and came across a huge carrier

with tone on 4950 at around 0020 using the Perseus in Qatar. I refused to believe it was *AIR Srinigar* but stuck with it anyway. At 0028 the IS started, then Vande Mataram at 0030, followed by opening announcement with mentions of "Shortwave Service" and FM. Really cool. I wondered if I could get the carrier here, switched over, and was stunned it was there!! I calibrated the Perseus to check the exact freq and found it on 4949.986. I went back to the "koko" Perseus in Qatar, and it was right on the exact same freq. (When you're using the Perseus receivers on the net, you can't calibrate, so I'm surprised the Qatar Perseus was accurate without calibration.). I made a video and posted it on Youtube. It starts with the reception in Qatar with the carrier and tone going into the IS, then Vande Mataram and opening announcement, and calibration of my own Perseus with the Srinigar signal visible on 4949.986, and then switching back to the Qatar Perseus showing the signal on the exact same freq. The video is a little long at around 5:30 minutes, but it's definitely worth watching/listening. (Dave Valko-PA)

5050, *AIR Aizawl*, 1220, Aug 1. Am hearing this just about daily now; into usual news in English; mixing with and underneath a stronger Beibu Bay Radio (China). (Ron Howard-CA) 5050, *AIR Aizawl*, brief check at 1220, Aug 3. Another day of news in English; mixing with and underneath a stronger Beibu Bay Radio (China). (Ron Howard-CA)

5040, *All India Radio, Jeyppore* is pitifully understaffed and is struggling to maintain its normal day-to-day operations. Prime Minister Narendra Modi's 'Mann Ki Baat', the weekly programme, too has failed to revive the fortunes of the 45-year-old station, one of the leading radio stations in the State. (Alokesh Gupta-India/DSWCI)

You may have read in DX News last month that *AIR Lucknow* 4880 was no longer on the air. In fact a number of 60 metre band AIR transmitters have been reported discontinued recently: Imphal 4775, Kolkata 4820, Kohima 4850, Shimla 4860, Lucknow 4880 and Itanagar 4990. So this leaves just the fourteen 60 metre AIR transmitters listed below still active, though even three of these are reported as irregular or even off (marked * below): 4760 Leh, 4760 Port Blair, 4800 Hyderabad, 4810 Bhopal, 4835 Gangtok, 4870 Delhi (Kingsway), 4895 Kurseong, 4910 Jaipur, 4920 Chennai, 4950* Srinagar, 4970 Shillong, 5010* Thiruvananthapuram, 5040 Jeyppore, and 5050* Aizawl (list based

on Tony Rogers' "South Asia on Mediumwave and Shortwave" guide on our website at <http://www.bdx.org.uk/southasia.pdf> and Jose Jacobs' "DX India" <http://www.qsl.net/vu2jos/> British DX Club)

INDIA (GOA) 15175, *AIR Panaji* hrd 8/23 with Fair to Good signals from 1528 tune from Perseus site in Edmonton (Wellbrook Loop antenna) with news in Gujarati to 1530 then a program of Hindi vocal/instrumentals with a woman ancr to 1601. Carrier off at 1602. The only issue today (and also noted on 8/21) was frequent xmt cutouts (usually just a second or so). Signal strength stayed up nicely today all the way to sign off, but on 8/21 the signals declined significantly after 1530 on the same antenna. (Churchill-CA/DXplorer)

INDONESIA 3344.84, *RRI Ternate* (presumed). Have often been checking here for possible reactivation, but until today had heard nothing. Aug 1, found positive open carrier at 0949; random subsequent monitoring still had clear open carrier till final check at 1234; never any trace of any audio. Atsunori Ishida concurred RRI Ternate active today! First time I have had a definite carrier here this year. Now if we can just get some audio out of them! Believe was Ternate, as NBC Northern, the Voice of Oro (PNG) was last heard closer to 3345 than RRI Ternate. (Ron Howard, San Francisco, CA) 3344.864 kHz. (Wolfy's exact frequency), RRI Ternate on Aug 3. Third consecutive day of broadcasting, but first day of audio! At 1210, positive reception of Jakarta news; // RRI Wamena (4869.85 and with OTH radar), with closing news song 1223-1225, after which no longer //; Ternate went to music show. Poor to very poor; noted Atsunori Ishida was unable to confirm the Jakarta news via Ternate today. This looks more promising now that we are hearing some audio. (Ron Howard-CA)

9525.9, *Voice of Indonesia*, Jakarta, 1714-1735, 26-07, Spanish, comments, identification: "El servicio internacional de Radio República Indonesia, La Voz de Indonesia en Jakarta...", "Programa la belleza de Indonesia". 34433. (Méndez-Spain/PlayDX) 9525, *Voice of Indonesia* verified an electronic report in 75 days with a F/D QSL card. The report, about an English broadcast, in addition to english@voi.co.id was also sent to the unofficial E-mail address of the German section (voideutsch@gmail.com). I did so, after having read in some blogs it was easier to get a reply from the German section rather than the English Section. In fact, the QSL card was signed by Sri Unun of

the German section of the Voice of Indonesia! (Antonello Napolitano, Taranto-Italy/DX Fanzine)

KOREA (NORTH) 6400, *Pyongyang Broadcasting Station*, Kanggye, *2124, Jul 29, Korean sign on with whistle, at 2129 IS and National Anthem, talk and foxtrot music, 25342. (Pankov-Bulgaria/DX Window)

KOREA (SOUTH) 6015, *KBS Hanminjok Bangsong I*, at 1013, Aug 8. Usual hour long program of "Pops Freedom"; scheduled 1000-1100; mostly in Korean, but with English IDs and segment with English language lesson; hosted by Kwak Young Il; playing pop songs ("Poor Little Fool" by Ricky Nelson, etc.); series of three very nice IDs; first by native speaker of English, second in Korean and third in English by Kwak Young Il - "Now you are listening to KBS, Pops Freedom"; usual segment "Everyday English" language lesson; poor, with the usual white noise jamming from N. Korea, but was semi-readable. (Ron Howard, Calif.)

KYRGYZSTAN 4009.90, *Birinchi R*, Krasnaya Rechka, *0000-0020, Jul 31, 2352 carrier tones, 0000 short opening song, ID's in Kyrgyz and Russian, National songs with several verses; strong digital QRM, 41331 // 4819.96 (34333) QRM Xizang 4920.00 fading out. (Petersen-Denmark/DX Window)

LIBERIA 6050, 0527, *ELWA* Monrovia w/traditional tuning signal and sign-on in EE, poor due atmospheric static 21/7. (Bryan Clark-New Zealand/NZRDXL) 6050, *ELWA* Radio, Monrovia, 0540-0555, 07-08, religious comment and songs, English. Very weak. 14321. (Méndez-Spain/PlayDX) 6050, *ELWA* R, Monrovia, 0540-0555, Aug 14, English religious songs and comments, 14321. Also heard *0627-0650, Mo Aug 15, tuning music, English religious comments and songs, 14321. (Méndez-Spain/DX Window)

LITHUANIA 6165, 0448, *NHK Radio World* in RR via Sitakuni thru Havana. At 0500 tuning signal, JJ ident & theme music then off abruptly 0501 15/7. (Bryan Clark-New Zealand/NZRDXL)

MADAGASCAR 5010.6 *RTV Malagasy*, Antananarivo. Fair 2145 t/in, excited commentary, thought it might have been a soccer match. Mx 2200, still audible 2220, 17/7. (Seager-Mullimburra Point-Australia/ARDXC) 5011a, 2012, Radio Madagascar w/popular songs & lively DJ banter (some FF) on measured 5010.64. Faded into noise 2028. 10/7.

(Bryan Clark-New Zealand/NZDXRL)

6150, *MWV Radio*, Madagascar in SS on 08/07 at 0320 w ID "La Voz Cristiana America Latina". (Pankov-Bulgaria/ARDXC)

MALI 5995, *Radio Mali*, Bamako, *0559-0611, 27-07, tuning music, French, identification by female: "Içi Radio Mali emettan du Bamako..." comments. 14321. (Méndez-Spain/PlayDX) 5995, *Radio Mali*, Bamako, 1935-1953, 05-08, French and vernacular, comments, African songs. 14321. (Méndez-Spain/PlayDX) 5995, *Radio Mali*, Bamako, *0559-0615, 20-08, tuning music, French, identification, comments. 14321. (Méndez-Spain/PlayDX)

9635, *Radio Mali*, Bamako, *0800-0812, 25-07, tuning music, French, female, identification: "Içi Radio Mali, emettant du Bamako sur la frecuencia de 9635 kHz, bande de 25 metres..." Vernacular comments. 14321. (Méndez-Spain/PlayDX) 9635, *Radio Mali*, Bamako, 1746-1800*, 06-08, Vernacular and French comments, tuning music, identification in French and close. 14321. (Méndez-Spain/PlayDX)

MALAYSIA 6050, *Asyik FM*, via Kajang, reactivated Aug 22. Had been silent for most of 2016; local Kajang sunset at 1119 UT and my local sunrise was at 1331. Heard 1327-1413, in vernacular; many phone conversations; played pop songs; some adjacent QRM; light QRM from Tibet (PBS Xizang) on frequency; mostly fair; singing IDs. Surely this is back on the air for the upcoming Independence Day celebrations. "Merdeka Day" (Hari Merdeka [Malaysian for "Independence Day"]) - August 31, 1957 was the day that the Federation of Malaya gained its independence from British colonization; is a national holiday, with celebrations leading up to September 16 - "Malaysia Day," which commemorates the establishment of the Malaysian federation on the same date in 1963. It marked the joining together of Malaya, North Borneo, Sarawak, and Singapore to form Malaysia. (Ron Howard-CA)

11665, *Limbang FM*, via *Wai FM*, from Kajang. It's Monday (Aug 22), so time for another Limbang FM relay; 1315 started with mention of both "Limbang FM" and "Wai FM"; into the "Limbang FM" jingle; DJ in vernacular with pop songs; good reception. (Ron Howard-CA)

MONGOLIA 12035, *Voice of Mongolia*. Jul 3 at 1030-1058 in Japanese. SIO 353. "Weekend Special". (Tanaka-Japan/Japan Shortwave Club)

MYANMAR 9730, Myanmar Radio, 1044-1137*, Aug 17. Another Wed with no English programming (Radio Australia's "English for Business"); completely different format now during this time period. (Ron Howard-CA)

Myanmar's state broadcaster, Myanmar Athan (Radio), will rebroadcast BBC Burmese radio programs for the first time. The programs will air on FM, medium and shortwave. The three BBC Burmese radio programs include the youth show, a technology program and an educational show that introduces new farming methods. "Our collaboration with Myanmar Athan means that now, for the first time for BBC Burmese in Myanmar, our content will be available via a state broadcaster," said Tin Htar Swe, editor of BBC Burmese. MRTV Director-General, U Myint Htwe, has expressed a similar excitement toward the programs' new syndication, saying: "By adding the BBC's high-quality radio programs to the schedule of Myanmar Athan, we are further diversifying our radio offer. I am looking forward to continuing MRTV's cooperation with the BBC." (Radio World NewsBytes)

NEW ZEALAND From Bryan Clark: "I can also advise that Linden Clark, Radio NZ International's Manager since 1994, has just been appointed People and Development Manager for Radio New Zealand. With the recent reduction in RNZI's shortwave transmission capability, it will be interesting to see what might happen next in the way RNZI is managed. Further to Ron's comments of July 31, I have been disappointed to see a lot of longtime and respected RNZ staff leave in recent months coinciding with the ending of some long-running programme features. Given that our present government has not increased the annual funding grant to RNZ since 2008, it is not surprising that all costs continue to be pruned. I am a member of the Coalition for Better Broadcasting which has been lobbying for better funding of public broadcasting in New Zealand." (Ron Howard-CA and NZRDXL)

7245, **RNZI**, Rangitaiki. Playing oldies such as "Seattle" by Perry Como, which trivia fans will remember as the theme song for the 60s TV show "Here Comes the Brides", 0831, strong on 30/7 & a NF. (Seager-Australia/ARDXC)

Updated schedule for **Radio New Zealand International** from 29 July:

00:00 - 04:58 15720 (AM) Pacific Daily

04:59 - 06:58 11725 (AM) Pacific Daily

06:59 - 10:58 7245 (AM) Pacific Daily

10:59 - 12:58 7245 (AM) PNG Daily

12:59 - 18:58 6170 AM Pacific Sat

12:59 - 16:50 6170 (AM) Pacific Sun-Fri

16:51 - 18:50 5975 (DRM) Cook Islands, Tonga, Samoa Sun - Fri

18:50 - 19:50 9760 (DRM) Cook Islands, Tonga, Samoa Sun - Fri

18:59 - 19:58 9700 (AM) Pacific Sat

19:51 - 20:50 11690 (DRM) Pacific Sun - Fri

19:59 - 20:58 11725 (AM) Pacific Sat

20:51 - 00:00 15720 (AM) Pacific Daily

Main change is new 7245 (ex 9700) in the 0700-1300 period.

(John Hoad-UK/British DX Club)

NIGERIA 7255, *Voice of Nigeria*, Ikorodu, *0558-0612, 20-08, tuning music, identification: "Nigeria", Hausa, comments. 34433. (Méndez-Spain/PlayDX)

PAPUA NEW GUINEA 3260, *NBC Madang* on Aug 3. Almost non-stop reception 0924-1208*, plus they went off the air 1042*, but found on again at 1132 check; mostly in Tok Pisin/Pidgin; 1208 PSA in Pidgin, persons "18 years old" must "register"; suddenly off. A very good day for Madang! BTW - SIBC (5020) was also unusually good, checking when NBC Madang was temporarily off the air; 1043+. (Ron Howard-CA)

7324.95, *Wantok Radio Light*. Quick checked at 0903, July 25, to only find a clear frequency; this on a day with very good PNG propagation; has been off the air for a while now. (Ron Howard-CA)

PAPUA NEW GUINEA (BOUGAINVILLE) 3325, *NBC Bougainville*. July 25 with a very good day for PNG propagation; randomly 0904 till off about 1205*; 0904 NBC news in English, with several reports from "Port Moresby"; // 3260 (NBC Madang) till end of news at 0914; pop hit songs ("The First Cut is the Deepest" by Sheryl Crow, etc.); 0931-1000 in English, taking about the government and with some speeches; 1003-1014 PNG bird call and NBC news (not // 3260); 1015 DJ in Pidgin with pop songs ("Free Fallin" by Tom Petty, etc.); 1204 PNG bird call and news; gone by 1205 Very nice listening to PNG today! (Ron Howard-CA) 3325, NBC Bougainville, 1146-1148*, Aug 8. In Pidgin; DJ with pop song; suddenly off; poor. (Ron Howard-CA) 3325, NBC Bougainville, 1155*, Aug 17. Suddenly

off, leaving very weak RRI. (Ron Howard-CA) 3325, NBC Bougainville, 1130-1155*, Aug 24. Fairly good day here, with only light RRI QRM; promo/montage for "NBC Bougainville"; pop Pacific Islands music with DJ in Tok Pisin/Pidgin; many time checks; suddenly off. (Ron Howard-CA)

PERU 6046.9, *R. Santa Rosa* (very tentative), 0216-0253, Aug 15 (Monday). Seemed to be them with non-stop OM & YL chatting on the phone; very weak; 0253 brief music; reception blocked at 0256 with sign on of DW (Swahili) on 6045. Extremely rare for me to catch anything here. I last heard R. Santa Rosa back in late 2011. (Ron Howard-CA)

PHILIPPINES 7410, *FEBC* at 1200 sign-on, Aug 17th, musical IS into choir music, sign-on announcements in listed Cambodian over music, 1201 schedule given, music bridge and Cambodian song or hymn at 1202, SINPO-25342, poor. (Sellers-BC/DXplorer)

PIRATES (EURO) *Summer Meeting Radio* was heard on 6240 over the weekend on 23-24 July in connection with the Dutch free radio meeting. Mostly in Dutch except for some IDs in English. (Allen Dean-UK/British DX Club)

Island Radio was heard testing on 6280 on 16 July until close at 2300. No contact details were heard. (Allen Dean-UK) SW Pirate address list has swler@eircom.net for Island Radio (ed/British DX Club)

RUSSIA to deploy two powerful radar systems in the Baltic and Black Seas. Russian Interfax news agency reported that Russia may attempt to compensate for the increase in NATO's military activity by placing two new radar stations in the Baltic Sea and the Black Sea, which would be able to control the 200-mile coastal zone. (UAWIRE Thursday, July 7, 2016; via RUSdx)

7295 // 7345, *Radio Sakha*, via Yakutsk. July 27 with anomaly reception; both frequencies doing very well at 1050, with usual "Radio Sakha" ID and chimes leading into series of ads; subsequent checking continued to find them both with about equal signal strength; this is a first for me, as normally only one or the other is much stronger. Received another email from "TV and Radio NVK Sakha" (Новости НБК Саха <nvk-news@mail.ru>) asking me more about my shortwave receptions of their station and indicating they want to interview me. Perhaps they think I speak Russian,

as I have corresponded with them in that language. Am rather flattered that they would make this offer to me! (Ron Howard-CA) 7295, 1055, 16/7, Radio Sakha, Yakutsk strong w/pop melodies, "Sakha radio" ident, Jews Harp theme and time pips on the hour, "Yakutsk" ident in RR, then anncts in other ethnic languages, f/by news. Possibly the only Russian shortwave operation at present? (Bryan Clark-New Zealand/NZRDXL)

7345, *Radio Sakha*, via Yakutsk. July 25, started at 0900 without any IS or time pips; subsequent random checking till 1025. Seems clear, at least to me, that they have reversed their transmitter assignments; now 7345 has the much stronger signal, while // 7295 is much weaker and mostly unusable. There are some days now when R. Sakha is slightly stronger than CNR1 on 7345, after 1100. (Ron Howard-CA)

Radio Sakha - What is happening with them? At 1150, tuned in to 7295 to find a very nice signal; clearly the stronger transmitter here, but wait - 7345 was also do well against CNR1; also sounded like as strong a transmitter as 7295. Is it possible they have TWO high powered transmitters now? Needs more monitoring, but I am off to San Francisco later today, for a long non-SWL weekend with my wife. At 1218 was hearing the same situation, both doing well. Or could it just be strange propagation? But don't think so! (Ron Howard-CA)

SOLOMON ISLANDS 5020, *SIBC*, 1158-1201, Aug 17. Usual "Evening devotional" in English; full ID and National Anthem; poor to almost fair; audio ended 1200 and transmitter off a minute later. (Ron Howard-CA) 5020, *SIBC*, 1236-1327*, Aug 24. Extended long past their normal 1200*; they must have seen my recent comment: "Wish they had stayed on longer!" when on Aug 19 they went off at 1210*. Today non-stop EZL songs; promo (once again time for St. Joseph's Catholic Secondary School at Tenaru to stage their annual grand bazaar this coming Saturday, at the Tenaru school grounds; games for kids; selling raffle tickets; chances to win great prizes; also with live entertainment), ad ("Mobile One") and health PSA, all in English. Not even one ID the whole time, so unable to confirm if *SIBC* program or Wantok FM relay, but in the past Wantok FM always gave numerous IDs, unlike today's total lack of any IDs. (Ron Howard-CA)

SOMALIA 7749.9, *Warsan R.* Baydhabo, 1650-2100*, Jul 07, 13 and 17, Somali talks and Horn

of Africa music and songs heard // live webcast from 88.2 MHz on www.warsanradio.com, best in USB because of digital noise on LSB, 25332. The city of Baydhabo is located 220 kms northwest of Mogadishu. (Kenny-UK, Pankov-Bulgaria and Petersen-Denmark/DX Window) Warsan Radio on 7750: Rumen Pankov first reported an unidentified station on 7750 USB on 26 June 2016 and on some days that followed. Further monitoring by your editor as well other DXers confirmed that it was in Somali and relayed BBC Somali at 1800-1830. Rumen confirms sign-on at 0327 and sign-off typically round 1930, although on 7 July (a Friday) it continued until 2100. Mauno Ritola of the WRTH confirmed on 16 July 2016 it had been identified as Warsan Radio from Baidoa (Baydhabo) in south west Somalia. The station has broadcast locally on FM 88.2 MHz for several years and has a web site including news pages in Somali and English. (Dave Kenny-UK, Rumen Pankov-Bulgaria/British DX Club)

13800.003, **Radio Puntland Somalia** in Somalian Arabic, noted in 1430-1445 slot at S=7-8 fluttery up to -76dBm in peaks (August 4). Somalia Arabic male presenter on air. Was already off air at next 1503 check. But accompanied by another station BUZZ tone of 141 Hertz heterodyne distance on lower side at exact 13799.82. (Wolfgang Bueschel-Germany/PlayDX) Today (August 6) I listened from 1228 on 13800 to presumed Puntland Radio. The station disappeared from the air (S/OFF??) at 1324. The broadcast was made of a long and boring monologue by one OM only. Impossible to say about what he was speaking. Although I don't speak Somali I didn't catch any reference to Somalia, Puntland as well as Islam religion such as Quran recitations. My impression is that it was a test broadcast rather than a regular programme. No music, no announcement, time pips or commercials. Only a monologue! I listened to the station one year ago and contents were quite different (Even some commercials in English!) from what I have heard today. Reception was clear (free of interference) with a fair signal strength. (Antonello Napolitano-Italy/PlayDX)

SOUTH AFRICA RTE will only use one frequency for this year's All-Ireland hurling and football finals on SW for Irish in Africa. The broadcast will be on 4th and 18th September at 1300-1700 on 15320 via Meyerton to Southern Africa. (Bulgarian DX Blog 20 July/British DX Club)

TAIWAN 9410, **Fu Hsing BS** (presumed), 0946, Aug 1. Today the transmitter seemed to be working fine, unlike the problems of the past few months; in Chinese, with some EZL music; after 1000 was not heard, conforming to their schedule (0800-1000 and 1100-1300); heard again after 1100. Are they really back to normal? Time will tell. Still no trace of a signal on 9774. (Ron Howard-CA) 9410, Fu Hsing BS (presumed). On Aug 8 (Monday), it finally dawned on me as to a possible pattern here. Aug 1 and July 25, both Mondays, I had reception here. Is it possible they only broadcast on Monday? Heard this Monday, 0949-1000*; in Chinese; was expecting them to come back on at 1100, but they never were heard after 1100; still no sign of 9774. Needs more monitoring (Ron Howard-CA)

Radio Taiwan International will have special broadcasts as follows

1600-1700 on 11665 TSH German AM mode Sep.2-4
1000-1100 on 11665 TSH German AM mode Oct.1-3, 8, 9
1000-1100 on 11665 TSH German DRM mode Oct.10 (NZRDXL)

TURKEY It has been confirmed by Supreme Council of radio and television of Turkey (RTUK) the news that Mr. Erdogan - the president of Turkey has revoked 3213 national ham radio licenses. The HF radio in Turkey is now silent. No transmissions are allowed. Following the coup d'etat - of July 5th - many things are changing in Turkey. TV, Radio licenses have been cancelled and this involved also our colleagues: ham radio amateurs. The number of amateur radio operators in Turkey is not too much, but according to the site TRAC.org it looks like that around 3000 licenses have been revoked. Who's transmitting outside turkey without licence should be considered a pirate - said Mr. Erdogan. The Supreme Council of radio and television of Turkey (RTUK) has cancelled the licenses of over 20 radio and television broadcasters as well ham radio operators. The Telsiz ve Radyo Amatörleri Cemiyeti (TRAC) is the national non-profit organization for amateur radio enthusiasts in turkey. The TRAC was founded in 1962 as the Türkiye Radyo Amatörleri Cemiyeti, adopting its current name in 1980. It's located in Istanbul, with branches in 44 locations across Turkey. TRAC is the national member society representing Turkey in the IARU. Now, it has been closed down. (The QRP World) Can a shortwave radio clandestine be in Turkey's future? (RAD)

The European Broadcasting Union said in a statement that it is calling on Turkey to respect freedom of expression and the freedom of the media after the country shutdown loads of media outlets on July 27. Turkey's post failed coup crackdown dissolved three news agencies, 15 magazines, 45 newspapers, 29 publishers, 16 television stations and 23 radio stations. The EBU also condemns the arrest of 89 journalists and its intimidation toward local and international reporters covering the aftermath of the failed coup. In the official EBU condemnation, its Director General, Ingrid Deltenre said, "We believe the right to freedom of expression and information takes precedence over political or economic interests, and the Turkish government has a duty to ensure and protect this fundamental cornerstone of democracy." (Radio World International NewsBytes)

USA Updated shortwave schedule *WINB* Red Lion effective Aug.14:

1100-1200 on 9265 English Sun#
1200-2000 on 9265 English Sat/Sun
1700-1900 on 9265 English Mon-Fri
1900-1945 on 9265 English Mon-Fri
1945-2000 on 9265 Eng/Spa Mon-Thu
1945-2000 on 9265 English Fri
2000-2230 on 9265 English Daily
2230-2300 on 9265 Spanish Mon
2230-2300 on 9265 English Tue-Sun
2300-2400 on 9265 English Daily
0000-0300 on 9265 English Daily
0300-0400 on 9265 English Wed-Mon
(DX Mix-Bulgaria)

The Broadcasting Board of Governors should increase funding for VOA radio and TV Chinese-language services. So says Ann Noonan, executive director of the Committee for U.S. International Broadcasting. CUSIB is an advocacy organization co-founded by Noonan, a human rights activist, and Ted Lipien, president of Free Media Online and a former Voice of America acting associate director. The group often comments publicly about what it sees as ways to better manage U.S. taxpayer-funded media programs for international audiences such as VOA. It has made the case before for increased funding of Voice of American's Chinese-language services. Noonan also called for more funding for Radio Free Asia. The president's 2017 budget request, sent to Congress in February, included \$224.4 million for VOA, up about 3% from the prior year budget. Within that, BBG requested more

money for both its Mandarin (\$12.5 million) and Tibetan (\$3.3 million) services for 2017. (Radio World NewsBytes)

VANUATU Something new is happening with Radio Vanuatu. Seems like a new schedule is now in place. Aug 15, on 7260, heard them long after they recently had been ending their normal programs, with audio stopping at about 1015. Second day of their new extended schedule. Today (Aug 15) from 1326 to 1329, with C&W type songs; faint, but clear ID for "Radio Vanuatu" at 1331; 1335 to past 1400 seemed like an OM being interviewed by YL, with him speaking at length; poor, but positive is RV; QRM from China (PBS Xinjiang). Still needs more monitoring to confirm just what the new schedule is. (Ron Howard-CA.) 7260, R. Vanuatu (presumed), 1237-1302, Aug 17. Looks like their extended broadcasting of programming is continuing; non-stop EZL pop hit songs in English ("All by Myself" by Eric Carmen, Phil Collins with "One More Night," etc.); mixing with China. (Ron Howard-CA)

VATICAN Nobody knows exactly what is going on behind the scenes. But there are lots of serious indications that Vatican Radio will disappear by the end of 2016, not only from SW, but generally as a name. This message from the German editors speaks about a drastic reduction of Latin language service broadcasts on SW and mentions that this is part of the media reforms and planned grounding of Santa Maria di Galeria. It is still unclear if single languages for selected areas will be relayed by partner stations overseas, but the near end of Santa Maria di Galeria seems to be fact. (Henry/SWSkeds)

ZAMBIA 5915, *Zambia National Broadcasting Corporation*. Jul 10 at 2035-2104 in vernacular. SIO 353. Talk and local songs. (Nagatani-Japan/Japan Shortwave Club) 5915, ZNBC/Radio One. Has been a while since I last checked on this one, but Dave Valko's report to me of hearing the African Fish Eagle IS at 0240, on Aug 9, motivated me to give a listen. Aug 10, noted open carrier at 0232, with IS starting at 0240; signal improving by 0251 Anthem. (Ron Howard-CA)

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

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

Richard,
This confirms your reception of
December 7, 2016 at 2232-2343 UTC
on 6940 kHz AM shortwave.

QSL

GERMANY: Radio Ohne Namen
* 6070 via Rohrbach German program eQSL in jpg format in one day for an email rpt. to: radio.on@gmx.de. I also rcvd. the same for each of the following two weeks broadcast in one day and 3 days respectively. (Roe-UK).

ITALY: NHK World Radio 9710
partial data cd. rcvd. in 25 ds, for a rpt. sent to the station website. (Smith-UK).

SOUTH KOREA: KBS World Radio 11810 via Kimjae The station verified an email rpt. to: english@kbs.co.kr w/ a f/d :Lee Jung-seop portrait of an Ox", which symbolizes the unwavering spirit of the Korean people in 52 ds. (D'Angelo-PA).

USA: PCJ Radio International 7780 via **WRMI Radio Miami International** English program from the Radio Netherlands archives in f/d eQSL in pdf format in 9 hours for a rpt. to: pcjqs1@pcjmedia.com v/s Victor Goonitelleke. (D'Angelo-PA). **Hobart Radio International 11580** via **WRMI Radio Miami International** eQSL in pdf format in 3 days for an

email rpt. including a short mp3 clip. (Roe-UK). **Radio UK-raine International 11580** via **WRMI Radio Miami International** The QSL cd. shows Terry Elders giving a shortwave receiver to a new listener in the countryside near Jeremie, Haiti. I received the QSL cd. in

CoolAM Radio

SHORTWAVE

CoolAM Radio
http://www.coolam.nl

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S. All Others!

http://www.coolam.nl / http://6735radio.tk
http://coolam-productions.tk / http://channel292.tk
http://ohrdowloads.tk / http://cb4sale.tk

coolamradio@hotmail.com

CoolAM Radio - Shortwave // the Netherlands

CoolAM Radio

CoolAM Radio Productions
for Jingles & Promos

RÁDIO MOÇAMBIQUE

Caixa Postal (P. O. Box) 594
M A P U T O
MOÇAMBIQUE

Temos o prazer de confirmar
We have pleasure to confirm
a informação de recibo do dia:
your report on reception of: 4 11/85

na frequência de 4.865 KHz
Frequency 4.865 KHz
Potência do Emissor:
Transmitter power: 100 KW

Observação:
Remarks: We thank you for
your report of reception
of our SW-transmission.

S AMUET, L. BARTO

47 Prospect Place

Bristol Connecticut

06010

629 ds. from an illegible v/s. My records indicate that it was a Radio Ukraine International broadcast but the cd. did not indicate so. In the past WRMI was very good about indicating the this information. (D'Angelo-PA). WRMI 9955 The station verified my reception of Echo of Hope w/ a "Plot Diagram site showing the transmitter building and all 23 antenna locations and

azimuths. The cd. arrived in 599 ds. (D'Angelo-PA).

VATICAN CITY STATE: NKK World Radio 9710 via Santa Maria Di Galeria

* QSL card of "Swimming Carp" was received. It features rows of giant colorful inflatable carp flying in the wind. (Roe-UK).

STATION NOTES: SWCH Pirate 6380

Email: swch@line.nl **Activity**

3905 Email: report2activity@gmail.com **Henk Skyline** 3905

Email: skylinehorizon221@hotmail.com **Sluwe Vos** 3930

Email: rxreport@live.nl

Radio Undergtound 3905 /

3935 Email: radioundergroundsw@gmail.com **Crazy Wave** 3935

Email: shortwave@gmx.de **Laser Hot Hits** 4026 Email: studio@laserhohits.co.uk **ELWA**

4760 v/s Moses T. Nyantee,

Director of Media Services.

PCJ Radio 5995 via **Nauen** v/s

Victor Goonetilleke, QSL Manager. Email: pcjql@pcjmedia.com **Radio**

Farda 7580 via **Iranawila** v/s William S. Martin, Station Manager.

Email: svanderkoen@sri.ibb.gov **Sri Lanka Broadcasting Corporation**

11905 v/s Victor Goonetilleke, QSL Manager. Email: victor.goonetilleke@gmail.com ...via **PLAY DX** ... Sam.

RÁDIO MOÇAMBIQUE

Caixa Postal (P. O. Box) 594
M A P U T O
MOÇAMBIQUE

Temos o prazer de confirmar
We have pleasure to confirm
a informação de recibo do dia:
your report on reception of: 19 3/87

na frequência de 7.240 KHz
Frequency 7.240 KHz

Potência do Emissor:
Transmitter power: 25 KW

Observação:
Remarks: We thank you for your
report of our reception
of SW-transmission.

SAMUEL L. BARTO

47 PROSPECT PLACE

BRISTOL CONNECTICUT

U.S.A 06010

Rather nice but short QSL Column this month. Some verie nice QSLs that I haven't seen before. I also want to thank first time reporter David Smith from the United Kingdom. for his contribution, Thanks David...Sam.

Till next month..Sam



Sam

Pirate Radio Report

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

Given a sudden deluge of activity at work that combined with a summer vacation, we got behind on our loggings last month. But as we see here, NASWA members logged plenty of shortwave pirate transmissions, as we catch up on our loggings this month.

Shortwave pirate broadcasting continued at a very brisk pace once again during the last month. Pirate broadcasting inevitably increases around major North American holidays. You ought to make your plans to listen to the increased pirate broadcasting activity that is certain to appear around the Labor Day holiday weekend, which this year is on September 3-5. This traditionally is a major pirate radio holiday. Next month the period around Halloween is also a traditional big pirate radio holiday.

Further, as a result of the forthcoming end of summer, eventually falling static levels make DXing shortwave pirates easier than we have seen during recent months.

Ulis Fleming of MD forwards a June 22 article published in *ARS Technica* that reports that the FCC has discovered that most of the unlicensed RF broadcasts on shortwave are unwanted RF emissions by countless numbers of non-radio devices. DOH! On the bright side, the FCC reports that it intends to study this issue, since it currently lacks quantitative data on the major problem. The FCC has discovered that examples of this "Incidental Radiation" include "electric motors, light dimmers, switching power supplies, utility transformers and power lines." DOH!

Pirate busts by the FCC during the summer months continued to be dominated by FM pirates, particularly in the New York City area, but also elsewhere in the USA.

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.

Burn it Down R. 6960 0006 6/27/16 fair. Rock mx said to be an emergency prgm. (Taylor-WI)

Burn it Down R. 6960 0023 8/1/16 fair. OM w/rock mx prgm. (Taylor-WI)

Captain Morgan Shortwave 6924.3 0106 7/7/16 poor. Prgm of rock mx. (Hauser-OK)

Coast FM 6205 0332-0423 6/3/16 poor to fair. This Euro is an Irish relay of a Canary Island FM station. Hrd w/IDs and pop mx. Tnx Dave Valko tip. (D'Angelo-PA)

El Capitan 6925 0210 7/3/16 fair. Pgm of Sousa brass band mx w/ID at close. (Taylor-WI)

Insane R. 6925 0206 6/29/16 fair to poor. YL w/comedy sketches and ads. (Cooper-PA)

MAC Shortwave 6925 0049-0100+ 7/3/16 fair to good. Various psychedelic mx. (Taylor-WI)

MAC Shortwave 6925 0134 7/3/16 S9+10. Prgm of rock mx. (Cooper-PA)

Mike R. 13895 1915-1932 7/16/16 SIO=141. This Dutch Euro had a test xmsn of mx w/OM ancr. (Lobdell-MA)

Moonlight R. 6930 0119 7/19/16 S9+10. Prgm of techno and electronic rock mx. (Hauser-OK)

Newport Pirate R. 13895t 0026-0103 7/17/16 SIO=444. Two Oms tlc abt fertilized eggs & taking the Lord's name in vain. ID only tentative. (Lobdell-MA)

Old Time R. 6770 0115 6/24/16 fair. Relay of old George Burns & Gracie Allen comedy prgm w/audience laughter. (Cooper-PA)

- Old Time R.** 6770 0020 7/4/16 poor. Relay of old radio comedy prgm w/two OM comedians w/audience laughter. (Cooper-PA)
- Old Time R.** 6770 0110 7/12/16 poor. Relay of old Milton Berle comedy prgm w/audience laughter. (Cooper-PA)
- Pee Wee R.** 6924.7 0203 7/4/16 fair. Prgm of rock oldies incl Motown tunes. (Taylor-WI)
- Pirate Numbers Station** 7365 2240-2300 7/23/16 SIO=343. Numbers mixed w/SS and EG tlk by OMs and Justin Timberlake mx. My first NASWA pirate contribution. Welcome Ron! (Sives-NJ)
- Pirate Numbers Station** 7365 2035-2045 7/25/16 SIO=343. Numbers mixed w/SS and EG tlk by OMs abt Bernie Sanders and the Democratic Convention. (Sives-NJ)
- Pirate R. Boston** 6925 0312 6/26/16 poor. Prgm of rock mx and comedy. (Cooper-PA)
- Pirate R. Boston** 6873.5 0033-0059* 6/27/16 poor. Prgm of rock mx. (Taylor-WI)
- R. Azteca** 6925 0041 7/3/16 poor. A mix of tlk and content from a movie. (Taylor-WI)
- R. Enterhaken** 6225 0043-0103 6/2/16 poor to fair but improving. Euro w/GG ancrs and some EE IDs. Mostly GG vocal mx. (D'Angelo-PA)
- R. Free Whatever** 6945 0150 7/8/16 fair to poor. Prgm of rock mx w/OM Dick Weed. (Taylor-WI)
- R. Free Whatever** 6945 0031-0148 7/7/16 SIO=232. Dick Weed & Stavín w/a test xmsn. (Lobdell-MA)
- R. Free Whatever** 6945 0150 8/7/16 barely audible; good peaks. Dick Weed w/prgm of rock mx. (Taylor-WI)
- R. Fusion R.** 6925.3 0155-0200* 8/1/16 fair. Prgm of instr dance mx. (Taylor-WI)
- R. Ga Ga** 6935 0117-0144+ 8/3/16 S7. Prgm of ad parodies and a Sesame Street segment. (Hauser-OK)
- R. Illuminati** 6925 0023 7/2/16 fair. Prgm of rock mx w/OM ancr. (Taylor-WI)
- R. Illuminati** 6950 AM 0000-0033+ 7/3/16 SIO=343. Pgm of classic rock mx. (Lobdell-MA)
- R. Illuminati** 6925 0104-0216 8/1/16 fair. Pgm of rock mx w/OM ancr. (Taylor-WI)
- Red Beacon R.** 7610 0044-0302* 7/3/16 S6 to S9. Wide ranging discussion incl tlk abt Brother Stair and South America and some 4th of July content mixed w/mx. Clear ID at close. (Hauser-OK)
- Renegade R.** 6885 0242-0246* 7/5/16 SIO=343. Prgm of rock mx and TV theme from Mash. (Lobdell-MA)
- Renegade R.** 6925.1 0238 7/5/16 fair. Prgm of rock oldies mx. (Cooper-PA)
- Skippy R.** 6925.3 0250 7/4/16 fair to poor. Prgm of rock mx. (Taylor-WI)
- Skippy R.** 6955v 0036-0140 8/1/16 fair. Prgm of classic rock mx. (Taylor-WI)
- WJD, R. Indiana** 6925 0058 6/29/16 fair. Pgm of vocal & piano mx plus Russian NA. (Cooper-PA)
- WJD, R. Indiana** 6930 0029 7/2/16 fair. Entertaining prgm of piano mx played on a MIDI device. (Taylor-WI)
- WJD, R. Indiana** 6925 0222 7/3/16 S6 to S9. Pgm of rap mx. (Hauser-OK)
- WJD, R. Indiana** 6930 0007-0024 7/7/16 SIO=333. Pgm of various mx styles incl a video game. (Lobdell-MA)
- WJD, R. Indiana** 6930 0147 7/21/16 fair. Classic rock mx prgm. (Taylor-WI)
- Wolverine R.** 6925 0057 7/3/16 strong arm-chair signal. Pgm of songs abt flowers incl Tiptoe Thru the Tulips. (Taylor-WI)
- Wolverine R.** 6950 0112 7/3/16 S9+25. Big band mx prgm. (Hauser-OK)
- Wolverine R.** 6950 0113-0133+ 7/3/16 SIO=454. Prgm of rock mx. (Lobdell-MA)
- Wolverine R.** 6950 0205 7/17/16 fair. Rock mx by Springsteen and others. (Cooper-PA)

Wolverine R. 6950 0110-0115 7/17/16 S9. Happy Days are Here Again & other mx. (Hauser-OK)

XFM 6925 0230 7/3/16 good. Intro of America the Beautiful by Ray Charles into a Prgm of rock mx. (Taylor-WI)


XFM 6925 0238 7/3/16 poor. Prgm of rock mx w/several IDs. (Cooper-PA)

XFM 6925 0246 7/3/16 fair. Patriotic tlk abt 4th of July mixed with rock mx, said to be besting in AM stereo. (Hauser-OK)

XFM 6885 0348-0405+7/3/16 SIO=222. Prgm of rock mx poorly copied. (Lobdell-MA)

XLR8 6955 0128-0135+ 7/13/16 SIO=232. Prgm of rock mx w/fading. (Lobdell-MA)

Wolverine R. 6925 0125 6/26/16 fair. Prgm of rock and blues mx. (Cooper-PA)

Wolverine R. 6930 0135 7/31/16 S9+20. Prgm of rock mx w/SSTV image at close. (Hauser-OK) 

Contributors' Page

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH


The following members sent in contributions:

Bob BROSELL, WI
Ed CICHOREK, Somerset, NJ
John COOPER, Lebanon, PA
Rich D'ANGELO, Wyomissing, PA
John & Sandra DAVIS, Columbus, OH

Glenn HAUSER, Enid, OK
Mike NIKOLICH, Lake Barrington, IL
Sheryl PASZKIEWICZ, Manitowoc, WI
Ralph PERRY, Wheaton, IL
Ronald SIVES, South Plainfield, NJ
David SMITH, Huddersfield, UK
David TURNICK, Sinking Spring, PA

Paul WALKER, Galena, AK
Jack WIDNER, Edinboro, PA
Robert WILKNER, Pompano Beach, FL
Stephen WOOD, Harwich, MA

NRD-545, Eton E1, Sony ICF SW 77
R-75, SW-8, ICF-2010, SX-99, Eavesdropper
WR-G33DDC, SDR-IQ, 2X ALA1530, SWL sloper
RX340, R8B, E1, E5, DX Sloper, Mini-Windom, FL3, ANC4
R-390 & 391As, Mackay 5050A, WJ HF-1000A, 42'
Windom, 16' end fed
FRG-7, DX-398/ATS-909, YB400, ICF SW-07
NRD-515, Perseus, TS450AT, ALA1530AL-2, AD Sloper
NRD-525, Eavesdropper
R8B, NRD-545, E1, 355' bi-dir LW
Eton field radio and 66' SWL dipole
Elad FDM-S2, 6m indoor wire, Global 2000 ATU
RX340, WinRadio G31DDC, Alpha Delta DX sloper,
49m dipole

Tecsun PL-880, 25' Sony rollup longwire
535D, R8. IC746Pro
R8B, 25x50 E/W superloop 

2000-5900 kHz

Tropical Band Loggings

Scott Barbour • P. O. Box 893 • Intervale, NH 03845 • srbjrswl@yahoo.com

2485 **AUSTRALIA VL8K** Katherine 1005-1015 Threshold sig w/ some EE noted; 8/13. (Wilkner-FL)
3310 **BOLIVIA R. Mosoj Chaski** Cochabamba 0035 (T); M & W ancw w/ SS talk; JBA-Fair; 7/24. (Cooper-PA) 1007-1020 W ancw in Quechua under t-storm crackle; some deep fades; 8/13. (Wilkner-FL)

- 3320 SOUTH AFRICA R. *Sondergrense* Meyerton 0047 M ancw w/ mx & talk; poor; 7/20. (Cooper-PA) 0419-0437 W ancw talk w/ M via remote; Elton John tune at 0427; ID at 0430 over mx; talk; fair; 7/21. (D'Angelo-PA) 0315-0347 M ancw w/ Afrikaans talk & pop mx prg; p-f; 8/6. (D'Angelo-PA) 2355 Country mx-like ballad; M & W ancw after ToH; poor; 8/11. (Cooper-PA)
- 3375.1 BRAZIL R. *Municipal* São Gabriel da Cachoeira 1006 M ancw in PP; 1010 seemingly into music; weak sig & somewhat elusive as several days w/ no sig; 8/13. (Wilkner-FL)
- 4747.5 PERU R. *Huanta 2000* Huanta 2330-2340 Noted during band scan; M ancw chat under major CODAR; 8/10. (Wilkner-FL)
- 4824.49 PERU *LV de la Selva* Iquitos 2336-0000 Weak w/ fades; poor but often noted same times; 8/10. (Wilkner-FL)
- 4835 AUSTRALIA *VLBA* Alice Springs 1049 (P); EE interview re Aussie politics; poor; 7/23. (Taylor-WI) 1119 M & W ancw re Summer Olympics; f-p; 8/10. (Brossell-WI)
- 4875 BRAZIL R. *Difusora Roraima* Boa Vista 0211 Variety of pops & ballads; poor; 8/12. (Cooper-PA)
- 4885 BRAZIL R. *Clube do Para* Belem 0040 M ancw w/ futbol game; fair; 7/24. (Cooper-PA)
- 4885 SOUTH KOREA *Echo of Hope* 1623 Other freqs always seem to be jammed but I've not heard 4885 sig jammed; good, clean & clear; fairly steady w/ only some light fading; 7/28. (Walker-AK)
- 4925.22 BRAZIL R. *Educacao Rural* Tefe 0100 (T); ID; M ancw w/ talk; JBA; 7/24. (Cooper-PA)
- 4940 CHINA V. *of the Strait* Fuzhou 1116 M ancw in CC; mostly poor; 8/10. (Brossell-WI)
- 4955 PERU R. *Cultura Amauta* Huanta 0055 M ancw in PP w/ mx & talk; poor; 7/24. (Cooper-PA) 2336-2345 M ancw; "...tres fotos..pero... en Peru..."; 8/12. (Wilkner-FL)
- 5020 SOLOMON ISLANDS *STBC* Honiara 0953 Mx; fair w/ fading; 8/1. (Walker-AK)
- 5050 USA *WWRB* Manchester 0226 S9+40 but dead air until canned ID at 0229; 0230 start another W gospel huxter from Memphis? TN, but cut off the air shortly; restarted a playback by mistake?; It's consistently on the air also UT Tuesdays, then off until UT Sundays; 8/1. (Hauser-OK)
- 5085 USA *WTWW* Lebanon 0520, WTWW-2 is still off, no "Midnight in the Desert" which used to be at 0500-0800 UT Tue-Sat, & is still proudly displayed as if "with Art Bell" on the WTWW.us homepage along w/ Dave Ramsey show afternoons, also disappeared; 7/21. (Hauser-OK)
- 5129.89 USA *WBCQ* Monticello 0124 Some music but it's still apparently "Amateur Radio Roundtable"; into talk about the song just played, which is on the YouTube channel of guest Joe Husger (sp?); S9 but not enough to overcome the storm noise level (OK & TX Panhandles); 8/3. (Hauser-OK)
- 5865 KUWAIT R. *Farda* 0104-0113 Mx; M & W ancw w/ talk in listed Farsi; poor; 8/9. (D'Angelo-PA) 0127 M ancw talk w/ mx bits; poor; 8/11. (Taylor-WI) 0144-0150 (T); 60s tune; poor; 8/13. (Davis-OH)
- 5875 THAILAND R. *Thailand* Udon Thani 1121 M ancw in listed Khmer; f-p; 8/6. (Brossell-WI) 

5901-30000 kHz

International Band Loggings

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


- 5920 GERMANY *HCJB* 0355 to 0358 with a tentative ID via the Internet, Russian, SINFO= 55555, I heard mellow Christian rock music, the signal was cut in the middle of a song, that's rude, the (Davis-OH)
- 5952 BOLIVIA *Emisora Pio XII* at 0145, on 10 Aug, in Spanish. A child was singing a song. Next a male announcer started to talk to a female speaker with a very high pitched voice. The male seemed to be asking her questions which she answered. The audio was very muddy so I switched to USB which cleared it up some. An instrumental song with flutes and other wind instruments is playing now. Poor. (Cooper, PA)
- 5952 BOLIVIA *Radio Pio Doce* Siglo Veinte, 0042-0112 Aug 9, talk by man and woman announcer in Spanish language, ID, announcements but a lot more talk by the two announcers. Latin vocal selection at 0054 until another ID at 0100 followed by a religious program. Poor to fair. (D'Angelo-PA)
- 5990 ROMANIA *Radio Romania Int'l* 2005-215 7/24. News program (Sives-NJ)
- 5995 MALI *Radio Mali* Bamako (presumed) 2352-0000* Aug 8, noted snatches of African highlife vocals until a man announcer began talk in the French language. Seemed to go off shortly after he began speaking. Poor signal badly squeezed by CRI on 5,990 kHz and Havana on 6,000 kHz. (D'Angelo-PA)
- 6020 CHINA *China Radio Int'l* 2015-2030 7/24. Talk about American colloquialisms. Interesting. (Sives-NJ)

- 6050 **EQUADOR HCJB** Quito, 0249-0310, 8-3-2016. female vocals to 0255 with talk in Spanish by woman. Brief flute music followed by male vocal . At 0300 3+1 time pips followed by presumed ID in Spanish. More talk followed by vocals. Signal poor to fair. (Cichorek-NJ)
- 6050 **ECUADOR HCJB Voice of the Andes** at 0950, on 10 Aug, in Spanish/Quichua. A male announcer is talking in a long monologue. At the top of the hour, there was a brief musical interval. Next, several time pips, music again, and then more talking by the same male speaker. Fair. (Cooper, PA)
- 6070 **CANADA CFRB/CFRX** 1125 to 1132 with an ID at 1130 as News Talk 1010, SINFO= 45444, I heard about a potential terrorist being killed, an explosion, and gun shots being fired, but not necessarily in this order, **8/11/16**. (Davis-OH)
- 6070 **CANADA CFRX** Toronto, 2326-2341 Aug 8, talk show in English with "News talk 10-10" station ID at 2329 followed by traffic report, ads before returning to talk program at 2335. Good signal. (D'Angelo-PA)
- 6134 **BOLIVIA Radio Santa Cruz** Santa Cruz, at 0159, on 10 Aug, in Spanish. A male announcer gave a Radio Santa Cruz ID followed by instrumental music and a female announcer speaking. At 0200 several station IDs were presented with Santa Cruz mentioned several times by a male announcer. A song with flutes and several male singers played next. LSB mode was used due to Het from Brazil. Fair. (Cooper, PA)
- 6150 **MADAGASCAR La Voz del Alegre** Mahajanga, 0321-0357* Aug 10, Spanish program with frequent station IDs, postal address, musical selections and religious talks. Off rather suddenly but fair to good signal. (D'Angelo-PA)
- 6160 **CANADA (Newfoundland) CKZN** St Johns, at 0220, on 12 Aug, in English. A female announcer and a male speaker who is a dog handler are talking about integrating dogs into a family that used to be police and working dogs that have been retired from working. A podcast of Animal Kingdom was announced as being next talking about the amount of families that have pets. Good. (Cooper, PA)
- 6180 **BRAZIL Radio Nacional Brasilia** Brasilia, at 0206, on 10 Aug, in Portuguese. It sounds like the station is broadcasting Olympic events as they were talking about Canada and Brazil. There are several male announcers talking and crowd noise can be heard in the background in what may be a soccer game being played. A station ID came on briefly followed by more talk. A time check was given as 10 minutes after the hour 0210 UTC here. Good. (Cooper, PA)
- 6190 **MADAGASCAR World Christian Broadcasting-La Voz Alegre (The Happy Voice)** Mahajanga, at 0215, on 10 Aug, in Spanish. A male and a female announcer were talking with the male speaker giving out addresses to include one in Fort Lauderdale, Florida. A song with a male singer came on after more talking. Fair. (Cooper, PA)
- 7245 **TAJIKISTAN Voice of Tajik** 1122 to 1124, with a tentative ID via the Internet, Hindi, SINFO=3,1,2,3,1, the signal just barely got through the ham QRM, SINFO=31231, (Davis-OH)
- 7245 **NEW ZEALAND RNZI** Rangitaiki, at 1040, on 10 Aug, in English. A male announcer is interviewing a male speaker about drinking and driving issues in New Zealand. He mentioned how people are circumventing the Auto Ignition Lock systems and still driving while intoxicated. They spoke about the need to strengthen the laws. Late Edition was announced as the program playing. News about Australian Refugee camps was next with a UN report being critical of Australia's maintenance of the camps. Fair. (Cooper, PA)
- 7280 **VIETNAM The Voice of Vietnam** in Russian via Hanoi to Europe on July 26, 2016 at 1639UTC. A poor signal with lots of fading, static and noise and possibly some interference as well. A man was heard talking in Russian. (Walker-AK)
- 7355 **AUSTRIA BBC** Moosbrunn, at 0150, on 14 Aug, in Dari. The same programing that is being broadcast on 6195 and 7445- Oman is on this frequency. News headlines with musical bridges interspaced between them are being presented. A station ID was next. The only difference is that the reception is better. Good. (Cooper, PA)
- 7460 **MOLDOVA Radio Payem e Doost** Kishinev, at 0238, on 10 Aug, in Farsi. A song with a female singer was playing. This was followed by a female announcer talking, and then a partial song played with a male singer before being cut off by more talk from the same female with the song being resumed again. Once again the song did not finish as she is speaking again. Fair. (Cooper, PA)
- 7524 **NIGERIA Voice of Nigeria** Aug 16 at 0553, VON is on with S9+20 open carrier; 0555 bit of a song undermodulated, 0557 announcement and dead air; 0558:20 drumming & chanting; 0559 more DA, bits of drumming; 0600 announcement, dead air, sign-on in Hausa (Hauser-OK)
- 7730 **UNITED STATES Ecos del Torbes** via WRMI, Okeechobee, Florida, 0002-0030 Aug 13, special program celebrating the occasion of the 40th anniversary of Club Diexistas de la Amistad, international day for Ecos del Torbes and the 26th anniversary of the program América en Antena with several English language IDs but mainly Spanish language program; mainly talks with some light vocals in the background. Poor to fair. (D'Angelo-PA)


- 9265 **UNITED STATES *Unique Radio*** via WINB - Red Lion, PA, 0310-0336 Aug 12, heard station ID and website address but most of the talk by the male announcer was difficult to understand, however, the music was at acceptable listening levels. Heard Rolling Stones, Olivia Newton John and a few others that I recognized. Poor to fair but it seemed the voice modulation from nearby Red Lion skipped right over my shack. (D'Angelo-PA)
- 9304 **EGYPT *Radio Cairo*** with peaks circa 9315 (fundamental), and 9325, Aug 19 at 0107, Radio. Cairo blobmitter is really, really dirty tonight, and that's saying something, the rapid pulsing roarbuzz audible thru these ranges at varying levels. 9330 WBCQ already off but this would have QRM'd it before 0100 (Hauser-OK)
- 9390 **THAILAND *Radio Thailand World Service*** in English via Udon Thani on July 23, 2016 at 1955UTC. (Walker-AK)
- 9390 **THAILAND *Radio Thailand*** 1900 UTC 7/25. (Smith-UK)
- 9400 **PHILIPPINES *FEBC*** Manila-Iba, at 1055, on 10 Aug, in Mandarin. A male announcer is talking in a long monologue which appears to be preaching by the tone of his voice and an occasional amen slipped in. A musical interval with a female speaker came on next along with a station ID being given. A new female speaker came on and presented a song that played with a female singer which was interrupted by talk with a male and a female speaking briefly. Poor. (Cooper, PA)
- 9410 **THAILAND *British Broadcasting Corp. (BBC)*** 0024 to 0030 with a tentative ID via the Internet, SINFO=25242, graded down because of the small signal and the atmospheric noise, I heard individual words, but no sentences 8/13. (Davis-OH)
- 9410 **OMAN *BBC*** Al Seela, at 0155, on 14 Aug, in English. Several announcer are talking about the Olympics. Michael Phelps is being talked about now. Several interviews are taking place of various athletes involved in the games. A BBCWS station ID with program promos was next, with the station going off the air at 0200. Fair. (Cooper, PA)
- 9420 **GREECE *Helliniki Radiophonia*** 0421 to 0432 with a tentative ID via the Internet, SINFO= 45434, I heard several interesting Greek songs, (Davis-OH)
- 9420 **GREECE *The Voice of Greece*** via Avlis to Europe, on August 1, 2016 at 2326UTC (Walker-AK)
- 9420 **GREECE *ERA*** 2300-2310 7/23. Male ancr over some flute music. (Sives-NJ)
- 9490 **FRANCE *Radio Republica*** (run by the Cuban Democratic Directorate), 0158 to 0159 with a tentative ID via the Internet, Spanish, SINFO=25442, the overall merit was reduced, because of the weak signal, no program details, (Davis-OH)
- 9525 **INDONESIA *Radio Republik*** 1700 UTC 7/25 (Smith-UK)
- 9530 **CUBA *Radio Progreso*** Aug 15 at 0145, S3 music // 4765 Radio. Progreso of which this is the second harmonic, and 9530 is stronger than the pulse jamming (Hauser-OK)
- 9570 **ALBANIA *China Radio Int'l (CRI)*** 0036 to 0043, SINFO=35544, I heard part of the *Postcard* program with an update on Nissan's self-driving car, it still has problems, a driver still has to be in control of the vehicle, (Davis-OH).
- 9570 **CHINA *China Radio Int'l*** 2100-2120 7/25. News program in EE. (Sives-NJ)
- 9580 **AUSTRALIA *Radio Australia*** Aug 19 at 1320 check, Radio Australia is also back on its night frequencies. It seems there is plenty of evidence the sesquweek outage was "audience research" rather than just necessary maintenance (Hauser-OK)
- 9635 **TURKEY *The Voice of Turkey*** in French via Emirler to Western Europe on July 23, 2016 at 2021UTC. (Walker-AK)
- 9650 **GUINEA *Radio Guinea*** Conakry (presumed), 2246-2258 Aug 7, caught male vocal selection accompanied by drums followed by a man announcer with French language talk and another male vocal selection. Had to leave the shack so I didn't get to follow this to sign off. Fair. (D'Angelo-PA)
- 9650 **GUINEA *Radio Guinea*** 8/8 2347-0002* hilife mx, FR ID, vocals, annmts (Paszkievicz-WI)
- 9665 **IRAN *Voice of Iran*** 1934 6/28 (Smith-UK)
- 9680 **TAIWAN *Radio Taiwan Int'l (RTI)*** 1154 to 1200 with a tentative ID via the Internet, Chinese, SINFO=45232, downgraded, I heard a man and woman speak and then a song, (Davis-OH)
- 9680 **GUINEA *Radio Guinee*** Conakry, 0008-0025* Aug 10, some sort of discussion program with conversation by several men and woman announcers in the French language until carrier was terminated mid-sentence. Fair signal. (D'Angelo-PA)
- 9730 **ROMANIA *Radio Romania Int'l (RRI)*** 0026 to 0031 with an ID at 0030, SINFO=55545, I heard another report about the Olympics, and then the musical highlights of the week, (Davis-OH)
- 9735 **TAIWAN *Radio Taiwan Int'l*** in Japanese via Paochung/Baujong to Japan on July 31, 2016 at 2258UTC. A man in Japanese mentioning Tapei, a short musical selection plays before a few beep tones and a carrier being cut. The signal is pretty steady and strong with some light fading, but still a listenable signal. (Walker-AK)
- 9790 **ROMANIA *Radio Romania Int'l*** in English via Tiganesti to the Far East. The english service broadcast (Walker-AK)

- 9830 **TURKEY VOT** Emirler, at 2202, on 8 Aug, in English. A male announcer is talking about the attempted coup on 15 Jul. A station ID followed. He next reported on economic indicators to include stocks again referencing the coup. During the 30 minutes that I listened, most of the talk concerned the failed coup. Also mentioned was that Americans, and Europeans did not realize the ramifications and seriousness of this action against the Turkish government. The question of the month came on followed by a song in Turkish sung by a male singer. Fair. (Cooper, PA)
- 9835 **UNITED ARAB EMIRATES BBC** Dhabbaya, at 0125, on 12 Aug, in Hindi. A female announcer is asking questions of a male speaker whom is talking to her in what sounds like a live feed into the station. A female announcer came on and gave a BBC station ID followed by more talk. The station went off the air at 0130. There is a switch to BBC in Thailand at that time but I was unable to bring it in. Fair. (Cooper, PA)
- 9854 **ALBANIA Radio Tirana** Aug 17 at 0132, Radio. Tirana is stronger than usual, S9+20, which makes the awful humroar even worse (Hauser-OK)
- 9855 **ALBANIA Radio Tirana** Shijak, at 0133, on 12 Aug, in English. A male announcer is talking but there is a loud hum coming through at this time interfering with the audio. He did mention Radio Tirana and friendship. Next there was talk about Albania and Bucharest was mentioned with economic news presented. A song played next with a Hip Hop beat and a female singer. Fair-Poor. (Cooper, PA)
- 9870 **INDIA All India Radio** Vividh Bharati Service in Hindi via Bangalore to South Asia on July 27, 2016 at 1700UTC. (Walker-AK)
- 9900 **UZBEKISTAN TWR India** Tashkent, at 0115, on 10 Aug, in (P) Hindi. A male announcer is giving out TWR India addresses for contact and web site information. A female sang a brief song with a female announcer speaking briefly before the song ended. A song with a male singer came on but stopped after about a minute with a male announcer talking, and then the song started to play again. When it ended a male speaker came on. Fair. (Cooper, PA)
- 9910 **GUAM KTWR** Agana, at 1145, on 10 Aug, in Chinese. A male speaker is speaking. There was a brief musical interlude that came on then more talk by the same speaker. A female speaker came on next. Fair. (Cooper, PA)
- 9964 **EGYPT Radio Cairo** Abis, at 0146, on 12 Aug, in Arabic. There was a brief musical interval of music followed by a female announcer speaking. There is some hum in the background but nowhere like it was in the past. A brief musical interlude came on followed by a song with both male and female singers. Fair. (Cooper, PA)
- 9965 **EGYPT Radio Cairo** 0028 to 0031 with a tentative ID via the Internet, Arabic, SINFO=45434, I heard a man singing and then a male announcer, I just wish this signal was in English, because it was a good one, (Davis-OH).
- 9965 **PALAU T8WH** 8/9 1238 Brother Stair pgm (Paszkiwicz-WI)
- 10051 **CANADA Gander Radio** the USB mode, 1150 to 1152 with an ID at tune in, SINFO= 45344, I heard the weather for St. Johns at 1151, (Davis-OH)
- 11282 **UNITED STATES San Francisco Clearance Airport station** USB, 07/10, 0254. English. Tower communication with aircraft and airport runway assignments. 35444. (Widner- PA)
- 11540 **THAILAND Voice of America** Radio Ashna in Pashto via Udon Thani to Iran on August 2, 2016 at 1654UTC. A very weak signal, barely above the static and fading with a man talking in the Pashto language. (Walker-AK)
- 11620 **INDIA AIR** Bengaluru, at 0055, on 10 Aug, in Urdu. An instrumental song with sitars, flutes, and drums was playing. A male announcer came on and spoke followed by a new song with a male singer who started out singing solo, then another singer joined him and instruments started to play. Fair. (Cooper, PA)
- 11620 **INDIA All India Radio** 1644 UTC 7/17 (Smith-UK)
- 11625 **VATICAN Vatican Radio** 2004 to 2012 with an ID at 2009, SINFO=25452, the overall merit was downgraded, because of the weaker signal, I heard word groups and not sentences, the Africa Service, I heard about an AIDS conference in South Africa, (Davis-OH)
- 11625 **MADAGASCAR Vatican Radio** Talata Volonondry, 0452-0456* Aug 7, woman announcer closing down French language service with talk and ID followed by brief light vocals until carrier terminated. Fair. (D'Angelo-PA)
- 11635 **KOREA Voice of Korea** 1855 UTC 7/18 (Smith-UK)
- 11680 **NORTH KOREA KCBS** Kanggye, at 1135, on 11 Aug, in Korean. Several announcers both male and female are taking turns speaking. A brief instrumental bridge was followed by a song sung by a female singer with an operatic sounding voice. A new song came on with a long instrumental intro then a male singer. After this it was back to talk again by a male announcer. Fair-Poor. (Cooper, PA)

- 11710 **NORTH KOREA** *Voice of Korea* Kujang, at 1156, on 11 Aug, in French. An operatic sounding song is on with a male choir singing. A female announcer came on and spoke when the song ended. A new song with a female singer came on once again operatic in style and voice. Fair. (Cooper, PA)
- 11710 **ARGENTINA** *RAE* General Pacheco, at 0200, on 12 Aug, in French. A series of station ID's along with interval signals were being played. A male announcer came on and gave a station ID with music playing in the background. A female announcer is speaking now. An instrumental song that sounded like jazz played next. Fair. (Cooper, PA)
- 11735 **ZAMZIBAR** *Zanzibar Broadcasting Corporation* in Swahili via Dole, Zanzibar on July 28 at 1659UTC (Walker-AK)
- 11780 **BRAZIL** *Radio Nai da Amazon* 1920-1930 7/24. Talk between two ancrs in PT, then music. (Sives-NJ)
- 11800 **ROMANIA** *Radio Romania Int'l* in Romanian via Tiganesti to the Middle East on July 27, 2016 at 1647UTC. The signal was fair with a moderate amount of fading and atmospheric noise (Walker-AK)
- 11810 **ASCENSION ISLAND** *BBC* 1943 to 2001 with several IDs at 2000, there was a most shocking story that the Australian government took away a woman's passport and turned her into a modern day slave! (Davis-OH)
- 11815 **BRAZIL** *Radio Brasil Central* Goiãna, 0042-0130 Aug 6, man announcer with Portuguese language talks hosting a program of Brazilian popular music. Several ads, IDs and talk by a man and a woman. Fair to good. (D'Angelo-PA)
- 11885 **CHINA** *Peoples Broadcasting System - Xin Jiang*, 1719 to 1723 with a tentative ID from the Internet, the Ulghurur language, SINFO=25442, I heard a male singing in an African language. (Davis-OH)
- 11890 **UNITED KINGDOM** *BBS* 1637 UTC 7/26. (Smith-UK)
- 11930 **UNITED STATES** *Radio Marti* 1715 to 1718 with an ID via the Internet, Spanish, SINFO= 22422, there was a jammer type utility signal right on the station's frequency, the president's new friends don't seem to be interested in free news or the truth about the USA, (Davis-OH)
- 11950 **ROMANIA** *Radio Romania Int'l* in French via Galbeni to Southern Europe on August 1, 2016 at 1640UTC. The signal was fair but with a moderate amount of fading. (Walker-AK)
- 12019 **VIETNAM** *The Voice of Vietnam* in Chinese(?) via Hanoi to Indonesia on July 31, 2016 at 2236UTC. (Walker-AK)
- 12035 **MONGOLIA** *Voice of Mongolia* via Ulaanbatar with 180 degree beam south from Mongolia On August 1, 2016 at 0900UTC (Walker-AK)
- 12060 **ALGERIA** *Radio Algerienne* via Issoudun to West Africa in French on July 26, 2016 at 2038UTC. (Walker-AK)
- 12065 **AUSTRALIA** *Radio Australia* 1631 UTC 7/25. (Smith-UK)
- 12095 **UNITED KINGDON** *BBC* in English to East Africa via Meyerton on July 23, 2016 at 1625UTC. A news broadcast in english (Walker-AK)
- 13660 **ROMANIA** *Radio Romania Int'l* in Romanian via Tiganesti to the Middle East on July 28, 2016 at 1655UTC. This was a GOOD signal (Walker-AK)
- 15100 **CHINA** *China Radio Int'l* Aug 20 at 0008, only a few signals on 19m, so I dig into a JBA carrier here to uplook later: CRI Beijing site in Hakka, 500 kW, 165 degrees, on air 23-02 also in two other minority languages. For CIRAF 50 which is basically the Philippines (and o yes, the South China Sea west of there under occupation by ChiCom imperialism). (Hauser-OK)
- 15120 **NIGERIA** *Voice of Nigeria* 1857 UTC 6/28 (Smith-UK)
- 15170 **ROMANIA** *Radio Romania Int'l* in Spanish via Tiganesti to South America on August 1st, 2016 at 2101UTC. This signal was pretty weak with only a light amount of fading but plenty of atmospheric noise. (Walker-AK)
- 15180 **NIGERIA** *Voice of America (VOA)* 1639 to 1643 with an ID at 1642, SINFO=25342, the overall merit of the signal was reduced, because it was so weak. I heard part of the *In Focus* program, SINFO=25342 (Davis-OH)
- 15205 **SAUDIA ARABIA** *BSKSA* Holy Quran in Arabic via Ryadh on August 2, 2016 at 1704UTC. A fair to good signal but
- 15344 **ARGENTINA** *RAE* Aug 17 at 1321, RAE with weak wobbling carrier, back below 15345 after an excursion above (Hauser-OK)
- 15400 **ASCENSION ISLAND** *BBC* 1857 to 1903 with an ID at 1859, SINFO=25232, I heard word groups and not sentences, something about an Iranian scientist, (Davis-OH)
- 15400 **ROMANIA** *Radio Romania Int'l* in Spanish via Tiganesti to South America on August 1, 2016 at 2259UTC. There is a fair amount of noise in the signal and it's somewhat weak. (Walker-AK)
- 15435 **SAUDI ARABIA** *Radio Saudi* 1722 to 1730 with a tentative ID via the Internet, Arabic, SINFO=33543, I heard several songs, (Davis-OH)

- 15500 **SPAIN Radio Exterior de Espana** 1834 to 1842, Spanish, with an ID via the Internet, SINFO=25342, I heard two men in a conversation, at 1842 the signal disappeared into the noise, (Davis-OH)
- 15580 **BOTSWANA Voice of America (VOA) as VOA One** 1906 to 1912 with further information from the Internet, SINFO=25332, I scored it down, because the signal was so weak, two Radio&Radio songs were sung by women, (Davis-OH)
- 15720 **NEW ZEALAND Radio New Zealand Int'l** 0109 to 0126 with an ID at 0126, and via the Internet, because of the weak signal, SINFO=25332, the *Dateline Pacific* program, I heard about a commercial airplane a man wants to fly, but the bureaucrats are arguing over the safety standards, (Davis-OH)
- 17630 **MALI China Radio Int'l (CRI)** 1424 to 1431 with an ID for the *Round Table* program (via CRI) at 1430, I heard part of a discussion about coping with mental illness in China, their methods are somewhat out of date, (Davis-OH)
- 17640 **MADAGASCAR MWV** Aug 18 at 1824 quick check on R75, MWV is still on here, good APR signal in English, from the antipodes, item about Woodrow Wilson. Later in hour, however, trying the G8 inside a restaurant's east window, no show, tho I can normally get 17530 VOA GB (Hauser-OK) Aug 19 at 0558, VON is S9+20 with tuning signal of percussion cacophony, one of the neatest ones, and this time comes thru unscathed and fully modulated; 0600 YL exclaims "Nigeria", opening Hausa hour (Hauser-OK)
- 17800 **ROMANIA Radio Romania Int'l (RRI)** 1924 to 1929 with a tentative ID via the Internet, Spanish, SINFO=2,5,5,3,2, a woman sang a nice mellow song, (Davis-OH)]
- 21780 **ASCENSION [and non] DW** Aug 19 at 1347, very weak talk and music is the OSOB on 13m. Aoki shows this hour is DW Hausa via UAE, but EiBi shows Ascension. HFCC confirms that on August 5, ASC replaced DHA, which makes it more audible here. Most of the time, the OSOB is a weak 21675 WRMI with Radio Africa service, but can't even detect its JBA carrier until 1419 when 21780 is over. WHRI is also allegedly on 21600, longer hours on weekends but seldom noted here any more (Hauser-OK) 

NASWA Yahoo Group

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

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.

On the Shortwaves

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< www.ontheshortwaves.com > Update, July 31, 2016 -- During the 1950s and 1960s there were many special shortwave broadcasts arranged by Scandinavian DX clubs. Years later the practice continued on a reduced basis, usually as part of a major DX contest. One such DX event was sponsored by Sweden's Grangesbergs Radio Club in connection with the 1984 Nordic Open DX Championship. The club arranged a special half-hour shortwave broadcast from Radio Syd, Banjul, Gambia, a station not normally on shortwave. Radio Syd had a long history, having operated for years as an offshore mediumwave pirate in Europe. In 1968 it relocated to Gambia and went ashore. The station's history was recounted by Al Muick in "Radio Syd--the Trip from Denmark to the Gambia," *PopComm*, August 1983 (p. 49); and also at < <http://www.cwgsy.net/private/offshorepirateradio/radiosyd.html> > At 2000-2030 UTC on September 21, 1984, R. Syd transmitted a special broadcast on shortwave utilizing the facilities of Gamtel (ex-Cable & Wireless), on 7422 kHz. for the first 15 minutes, 7485 for the rest, power 6 kw. Although information on the transmission was distributed only to contestants, word got out to others a few days in advance of the transmission. Reports were to be sent to the club, which printed and filled out the QSLs and then dispatched them to Gambia for mailing. Some 300 reports were received. Under "DX History/Recordings" we have posted a recording of the last 11 minutes of the broadcast, as heard in Massachusetts, including English IDs at 02:17, 05:33, and 08:57, plus a file containing the "official" QSL and also a letter received directly from the station. -- Also this time, under "Specialized Resources," see Adrian Peterson's latest *Wavescan* entry: "Return to the Shortwave Scene on Guam-7: Trans World Radio KTWR" (*Wavescan* N387, July 24, 2016).

< www.ontheshortwaves.com > Update, August 7, 2016 -- Well-known RIAS, Radio in the American Sector, operated from Berlin from 1946 until it merged with several other stations c. 1994. Usually heard on 6005 kHz. shortwave in America, it could sometimes be heard on mediumwave as well. Under "DX History/Stations" we have posted a booklet about the station, published c. 1964, and a QSL from that year obtained by mediumwave DXer Kermit Geary. -- And under "Specialized Resources/Wavescan," look for "Return to the Early Wireless Scene in Florida" (*Wavescan* N388, July 31, 2016).

< www.ontheshortwaves.com > Update, August 14, 2016 -- Born in Holland but educated mainly in the United States, Hendrik van Loon was a man of many arts--author, journalist, lecturer, raconteur and, as *The New York Times* put it, "indefatigable interpreter of human accomplishments." The title of his 1921 best seller, "The Story of Mankind" (1921), exemplified his larger-than-life personal and professional persona. As one reviewer observed, in van Loon's writings on history you were certain of getting "plenty of history and plenty of van Loon." He had sold some 6 million copies of his many books by the time he died in 1944, at which time he was at work on his autobiography, which he titled "A Report to St. Peter." Van Loon knew something about shortwave. He organized the "Uncle Hank" wartime broadcasts to occupied Holland over WRUL. Before that, he was the author of an article, "A Short-Wave Journey of Discovery," published by RCA in 1937 in a promotional booklet of the same name which we have posted under "DX History/Literature & Humor." In it van Loon opines on his discoveries and experiences with regard to the inventions of modern communication (he was born in 1882), including broadcasting, and on the role shortwave would likely play in the future. Also contributing to the publication was Laurence M. Cockaday, a prolific radio author of the 1920s and 30s, whose entries are much more oriented toward DX ("A Guide to Short-Wave Listening" and "How to Tune In Foreign Stations"). This booklet is one of the nicest pieces of "company" shortwave literature I have seen. -- And Adrian Peterson again takes us to Guam, this time KSDA, in his latest "Wavescan" story under "Specialized Resources": "We Return to the Shortwave Scene on the Island of Guam: The KSDA Story-1" (*Wavescan* N389, August 7, 2016).

< www.ontheshortwaves.com > Update, August 21, 2016 -- Is there any jurisdiction for which there are more radio-related covers and other postal items than the Vatican? We have already posted several groups, and now, under "DX History/Philately," we have posted another one. -- Under "Specialized Resources/Wavescan," we have posted a new entry from Adrian Peterson: "The Radio Scene in the Indian City With the Longest Name" [Thiruvananthapuram] (*Wavescan* N390, August 14, 2016). -- And also under "Specialized Resources," we have updated *Media Network Vintage Vault: An Index* with the entries added by Jonathan Marks for July 2016, including his tribute to Lou Josephs. The new entries are in bold and asterisked.

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Executive Director: Richard D'Angelo, 2216 Burkey
Dr., Wymontling, PA, 19610

Publisher/Business Manager: Bill Oliver, 45 Wild-
flower Rd., Levittown, PA, 19057

Executive Council: Jerry Berg, Ralph Brandl,
Richard Cuff, Rich D'Angelo, John Figliozzi, Bill
Oliver

EDITORIAL STAFF:

Managing: Jerry Lindebeck, P.O. Box 1220, Grantham,
NH 03753-1220

Desktop Publishing/Graphics: Ralph Brandl, 128
Greenoak Blvd, Middletown, NJ 07748

Easy Listening: Richard Cuff, 42 North 37th St,
Allentown, PA, 18104

Shortwave Center: John Figliozzi, 45 Algonquin Rd,
Clifton Park, NY 12005

Listening Review: Alan Rose, 33 Ahsaan Rd,
Teddington, TW11 9PA, United Kingdom

Adrian Peterson's Diary: Adrian Peterson, Box
29235, Indianapolis, IN 46229

NASWA Awards: Gary Neal, PO Box 1, Cockeysville,
MD 21030

Listeners Notebook: Rich D'Angelo, 2215 Burkey
Dr., Wymontling, PA, 19610

Pirate Radio Report: George Zeller, 3492 W. 123rd
St., Cleveland, OH 44111

QSL Report: Sam Barro, 78 Bakeman Rd, Thomas-
ton, CT 06787

Scoreboard: Gary Neal, PO Box 1, Cockeysville,
MD 21030

Kim's Column: Dr. Kim Elcott, 5001 North
25th St, Arlington, VA 22207

Tropical Band Loggings: Scott Barkour, Jr, PO
Box 893, Invervalle, NH 03845

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