

The **NASA** Journal

VOLUME LVII NUMBER 1

JANUARY 2017



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Full features, specifications, pricing and availability were not announced by Icom as of press time. Please check www.universal-radio.com for the latest updates on this exciting new receiver. This new model is expected early 2017. This device has not been approved by the FCC. This device may not be offered for sale or lease or be sold or leased without approval of the FCC. If not been obtained.

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2017 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 club info., plus receiver reviews. *WRTH Pub.* ©2016 71st Edition. 672 p. List price \$49.95. Available 12/20/16.
Order #6017 \$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.
Order #2861 \$23.95



PIRATE RADIO ANNUAL 2015-16

By A. Yoder. Pirate radio is alive, well and offers a tremendous range of programming. The author introduces the topic, provides insights on tuning and QSLing pirates and provides an extensive review of pirate activity for the previous year, covering domestic and international pirate stations heard in N. America. Includes an amazing audio CD of 92 pirate stations! ©2016 *Cabinet* 230 p.
Order #6555 \$16.95



SHORTWAVE RECEIVERS PAST & PRESENT 1942-2013

By F. Osterman. A comprehensive guide to over 1700 shortwave, amateur and commercial communications receivers (plus 1200 variants) made in the last 70 years. With 1800 photos and information including: coverage, circuit, display, features, performance, new & used values (for most), reviews, etc. Over 360 manufacturers are represented. Become an instant receiver expert. Hard bound Fourth Ed. Second Printing. ©2014 *URR*. 800 p.
Order #0004 \$49.95



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N4WA Notes

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

Happy New Year to all our members. Another calendar year starts, however, we are in the midst of another good DX season on the shortwave bands. Continue tuning the bands and reporting your catches to the club's columns. Thanks.

John W. Davis of Columbus, Ohio passed away just prior to the Thanksgiving holiday. Unfortunately, I found out about John's passing just as the December issue of *The Journal* went to press so this is the first opportunity to inform the membership. John was a frequent contributor to the weekly Flashsheet and our log report columns. Also, John was a regular at the club's Columbus area gatherings organized by Mike Rohde which are held each month at Universal Radio in nearby Reynoldsburg. John also shared his shortwave radio knowledge and expertise through a handful of YouTube videos pertaining to the shortwave listening hobby. Our condolences go out to Sandra, John's wife who was his IT support in the radio shack, and his extended family.

Tropical Band enthusiasts probably noticed the lack of the usual log report column prepared by Editor **Scott Barbour** the last few months (thanks to **Dave Turnick** for adding the lower end of the spectrum to an expanded international log report in December). Scott has decided to step down as an editor for the club as his interest in radio related matters - replaced by a growing family and the time commits associated with that - is way down these days. Thanks Scott for your active role in club matters for several years (Scott was our William P. Eddings award recipient in 2006 as the club's member of the year!). We wish him well in all future endeavors and hope to see him active in shortwave sometime in the future.

Teak Publishing has released the *Winter 2016-2017 International Shortwave Broadcast Guide* (ISWBG) electronic book written by **Gayle Van Horn**. This semi-annual information resource is your electronic guide to the world of shortwave radio listening. The ISWBG is an exclusive 24-hour station/frequency guide to "all" of the known longwave, selected mediumwave and shortwave radio stations currently broadcasting at time of publication. This unique radio hobby resource is the "only" radio hobby publication that has by-hour station schedules that include all language services, frequencies and world target areas. New in this 7th edition of the ISWBG is an Introduction to News and Entertainment Programming on Shortwave Radio by Spectrum Monitor columnist Fred Waterer; a feature on Online Radio: The crossroads of old and new technology by former Monitoring Times columnist Loyd Van Horn; and comprehensive radio listeners Crash Course on Shortwave Radio Propagation by Tomas Hood, contributing editor to CQ magazine and Spectrum Monitor columnist. Also new in this edition is increased frequency and station coverage of longwave broadcasters, selected medium wave broadcast frequencies used by international broadcasters, and all known international standard time and frequency stations transmitting worldwide. The *International Shortwave Broadcast Guide* (Winter 2016-2017 edition) is now available for purchase worldwide from Amazon.com at <http://www.amazon.com/dp/B01N2RRXV2>. The price for this latest edition is US\$7.99. Since this book is being released internationally, Amazon customers in the United Kingdom, Germany, France Spain, Italy, Japan, India, Canada, Brazil, Mexico and Australia can order this electronic book (e-Book) from Amazon websites directly servicing these

Unity and Friendship


countries. All other countries can use the regular Amazon.com website.

AJ Janitschek informs us that Radio Free Asia (RFA) will be commemorating 2017 as the Year of the Rooster with a QSL card highlighting the work called "Rooster" by Korean painter Jang Seung-eop, better known as Owan. People born in Rooster year are said to be deep thinkers, capable, and talented. According to tradition, they like to be busy, devoted beyond their capabilities and are deeply disappointed if they fail. They are also considered a bit eccentric and having difficult relationships with others. Roosters are considered to be loners and, though they give the outward impression of being adventurous, they are timid. This is RFA's 63rd QSL and is used to confirm all valid reception reports January - April 2016. RFA encourages listeners to submit reception reports. Reception reports are valuable to RFA as they help us evaluate the signal strength and quality of our transmissions. RFA confirms all accurate reception reports by mailing a QSL card to the listener. RFA welcomes all reception report submissions at <http://techweb.rfa.org> (follow the QSL REPORTS link) not only from 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.

This month is the month for the club's DX contest organized by **John P. Cooper** (734 Sally Ann Drive, Lebanon, PA 17046). The

contest listening period is January 7th through January 29th, 2017 with contest entries, including the \$5.00 entry fee, needed to be postmarked by February 4th 2017. Our prize sponsor is Universal Radio with generous donations for the top three finishers in the DX event: first place - *Short-wave Receivers Past & Present - 4th Edition*; second place - the 2017 edition of the *World Radio Television Handbook* (WRTH); and third place - *Joe Carr's Loop Antenna Handbook*. Thanks to **Fred Osterman** and the fine folks at Universal Radio in Reynoldsburg, Ohio for the outstanding prizes for this DX contest. Also, John will have certificates for each of the participants in the DX listening contest as an added memory of this outstanding shortwave radio listening event. Good luck to everyone involved.

Finally, we received a note from Publisher **Nicholas Hardyman** that the *World Radio Television Handbook* (WRTH) for 2017 was published on December 5, 2016. It is the 71st edition of WRTH. For full details of WRTH 2017 and to order a copy please visit their website at www.wrth.com where you can also order the B16 WRTH Bar-graph Frequency Guide on CD and Download. WRTH 2017 is also available for pre-order, for readers in the USA, from Amazon or Universal Radio in Ohio. Nicholas hopes everyone enjoys using this new edition of WRTH and the new CD.

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 January 25, 2017.

Karl D. Forth, koolmotor@comcast.net

Check out www.radio.garden for an interesting radio experience. A map is displayed and as you move around the globe you can zero in and hear stations that are marked with a green dot. Larger cities have a larger dot and more stations.

Many of the stations are local AM and FM outlets, but there are stations that are or have been on shortwave. Most stations are in Europe and North America, but there are some interesting Latin American and Asian stations also.

A coworker friend suggested this to me, knowing of my interest in radio. I showed my wife this site and she was also intrigued enough to the point that she was listening to it on her smartphone.

I've been following the status of shortwave and the move from radio to internet. In my field of magazine publishing we've also seen many new digital and online applications, but predictions that the printed magazine and live events would go away have proven not to be true.

I believe that there are future applications for shortwave broadcasting, but they may be in a different form.

I've always wondered is how large the shortwave audience is. I can remember thinking about this as far back as the 1970s. How many people were actually listening to the North American service of RAI? We'll never know, but we can learn how many people are looking at or listening to a specific site.

DXing here has been limited in recent years. One current interest is ultralight DXing, which is receiving distant mediumwave signals on a small pocket-sized radio. Advancements in technology have made these mini-receivers very sensitive and selective, but I have only been able to receive the strongest signals on the shortwave band.

I also attended the NRC-IRCA-WTFDA convention in Kansas City in September. The focus was more on mediumwave, but there were a number of familiar shortwave names also, including Glenn Hauser, who spoke at the gathering.

One other thing. I was looking for something else online, and came across an image of Fidel Castro featured in a mid-1960's magazine ad for Hallicrafters. "Have you ever actually heard this son of a bitch?" the ad asks. Google "Hallicrafters Castro magazine ad" to see it.

Thanks for the contribution. 73.



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.



Easy Listening

Richard D. Cuff • 42 North 37th Street • Allentown, PA 18104 • richard@thecuffs.us

Radio Australia and ABC put another nail in the coffin

As I am sure is mentioned elsewhere in the *Journal*, Radio Australia has announced its intention to end shortwave broadcasting later in January, focusing on delivering its program via partner stations, mobile devices, and other Internet-connected devices. While there has been plenty of pushback from people in the Pacific islands most impacted by this decision, the ABC seems resolute. Gone, too, will be the domestic shortwave services that primarily target Australia's Outback.

Radio Australia will be relying on local FM rebroadcasting partners to fill the gap lost by shortwave, and the increased use of mobile devices with Internet connectivity is also being cited as another replacement delivery method that is already being widely adopted. However, these methods won't provide suitable backup when large-scale weather emergencies — think typhoons — interrupt local broadcasting. Radio Australia has provided an important weather emergency service to the Pacific islands by being available to owners of battery-operated radios during power disruptions — when all local media are knocked off the air. This capability is being lost along the way.

From an Easy Listening perspective, the loss of Radio Australia on shortwave is one of the last nails in the coffin for international broadcasters originating in English-speaking countries. For many folks, like me, Radio Australia was especially part of a morning listening routine, as RA was generally a reliable signal here in eastern North America at the time of day when one is getting their day underway. As a 10-12 year old, listening on the Lafayette Explorer-Air my dad built from a kit, Radio Australia probably defined the "miracle" of shortwave — a regular signal from a faraway place — better than most other broadcasters.

When I started re-listening to shortwave as a 30-year-old in the mid-1980s, I remember Radio Australia as being largely a music service — with a half-hour current affairs program, "International Report", or something like that, airing in even UTC hours. From that perspective, today's Radio Australia is much more of a spoken-word broadcaster. Yes, Radio Australia can be heard on Internet-connected devices, though often its streams seem to be misfiring, and most of its programming — originating on other ABC networks such as ABC Local Radio and ABC Radio National — is available on-demand or via podcast from those sources.

The ABC offers a smartphone app, called "Australia Plus: Expats", that's my favorite non-shortwave way of listening to live ABC programming. This app is geared to expatriate Aussies as a way to stay connected with the homeland, and offers links to live streams from ABC Radio, including Double J, Triple J, NewsRadio, Radio National, ABC Jazz, ABC Country, Classic FM, and 24 ABC Local Radio outlets, in addition to Radio Australia. When you download the app, look for a menu tile labeled "Listen".

The ABC is also removing most of Radio National's remaining music programming, and one casualty that may resonate with North American Radio Australia enthusiasts is Lucky Oceans' *Daily Planet* program, which has often been aired on Radio Australia during North American mornings (typically 1200 or 1300 UTC). There has been strident criticism of this decision, though ABC management insinuated that the 25-year run of *Daily Planet* meant it was due for axing simply because it had been on air that long.

Among my favorite ABC programs available on Radio Australia are *Rear Vision* and *Australia All Over*, with many other decent offerings.

The last date for Radio Australia on shortwave is January 31st, so don't delay if you want one last chance to listen.

30th (!?) Winter SWL Festival registration – sign up this month, while it's cheaper!

Sharp-eyed *Journal* readers spotted the registration form in December's edition, and the registration form should appear in this month's edition as well. This year's Fest will be number 30 – I doubt anyone back in 1988 had any inkling that we'd somehow manage to hold 30 of these in a row.

To celebrate the 30th anniversary, we've added a **third day** of forum sessions, which will begin approximately 1 PM on Thursday, March 2nd. This start time will enable those who come from New England or the Mid-Atlantic region to drive down on Thursday morning, eliminating the need for an extra night's hotel stay. The forum list is taking shape already, and we're in the process of confirming forum sessions with the various presenters. We will likely have 14 scheduled forum sessions spread over Thursday, Friday, and Saturday, concluding with the traditional Saturday night banquet and raffle.

If at all possible, get your registration post-marked by **January 27th** to get the lowest possible registration cost; in addition to the form here in the *Journal*, you can register online via the Fest website, <http://swlfest.com> where you can also download a full-size paper copy of the registration form if you don't want to rip the page out of the *Journal*.

Also – the last day the hotel guarantees availability of the special Fest hotel room rate is February 1st, 1700 EST (2200 UTC); after that time, you may find the hotel sold out, and the hotel may not honor the special room rate.

Hope to see many NASWA members there!!

Podcasting gaining respect as the frontier of interesting radio

About podcasting

After its initial novelty wore off, what has kept me listening to shortwave radio for more than 30 years has been the diversity of voices and perspectives available, dwarfing what's available from domestic commercial and public radio. For many younger shortwave enthusiasts, pirate shortwave broadcasting has been the aspect that has brought them into the hobby; the audience for the pirate forum at the Winter SWL Fest skews younger than for any other forum session. Nowadays, podcasting — which seems to have hit mainstream awareness in 2016 — is heralded as where the most interesting "radio" exists, and part of its draw is that it can be like Pirate radio — you don't need a license or a willing broadcaster in order to produce and put out a program, all you need is a place to host the audio and the means to publicize it.

In any event, podcasting is where disaffected shortwave listening enthusiasts might wish to focus, if they're interested in hearing what's regarded as new and interesting radio. If you aren't familiar with the term, it originated from the iPod, Apple's digital music player that now seems like a quaint product, measured up against today's smartphones. In a nutshell, podcasting is an easy software tool that content creators can use to make their material available for listeners, whether listeners are tethered to computers or want to use something portable (such as the original iPod, now more likely a smartphone or a tablet) to listen, on an on-demand basis regardless of schedule.

Podcasting came of age in 2015 and 2016, fueled primarily by *Serial*, an offshoot of the widely-regarded *This American Life* public radio program. *Serial* was available only via podcast, and was not available to radio listeners. With the widespread reception of *Serial*, podcasting has now become a program delivery method of choice, not merely an adjunct to live or on-demand streaming. Additionally, pundits and bloggers now publicize new and interesting pod-

casts, so one can find something new and different to listen to. Interestingly, some of the better-regarded podcasts now come from independent production companies that are not directly linked to a broadcaster in the traditional sense. Thus the similarity to pirate radio!

While Apple's *iTunes* website (and software) remain a clear favorite platform for podcast promotion and discovery, there are a variety of ways to find out what's out there. For example, Linux users on Gnome-based desktop environments can use the Rhythmbox music player software to manage podcasts, even if the podcasts are only available via iTunes.

Initial suggestions

The Big Listen: This offering from NPR helps navigate the 10,000-plus podcasts that exist. Host Lauren Ober introduces you to podcasts you've you might not have ever heard of, and gives you the inside scoop on shows you already love. Through interviews, listener recommendations, show snippets and more, **The Big Listen** helps you curate your perfect playlist. Interestingly, podcasts from overseas are also highlighted. Best place to begin: <http://biglisten.org/>.

World Of Radio — Yes, Glenn Hauser's weekly look at radio is available via podcast as well as via good ol' shortwave; check out <http://www.worldofradio.com/audiomid.html> for links to various podcast feeds you can use so you don't miss an episode of the program.

All India Radio now offers on-demand programming

The General Overseas Service of All India Radio has been a late adopter to streaming audio delivered over the Internet; for the past couple of years (or thereabouts) one

could listen to live audio from All India Radio, but you'd have to save the audio yourself if you wanted to time-shift your listening. AIR has now added on-demand audio archives to their website, so you can listen to their past broadcasts — all English-language releases, it appears — covering the past week's worth of programming. I admit I'm now spoiled...I listen to practically all of my "shortwave" via on-demand streaming, which gives me the widest possible choices of what to listen to at any particular time.

All India Radio's website is <http://airworldservice.org>; click on "English" and then click on the "English" tab to bring up the English language service. Then look to the right side of the screen for either live or on-demand audio.

Quick note: Radio Exterior Espana via streaming (not podcast)

One of my beefs about REE is that their podcast feed seems to be updated only sporadically, with the daily program not always available. Through some experimentation I have found that the main REE web audio stream — which is mostly in Spanish — includes the daily English program at 2330 UTC (Mondays-Fridays) and 0200 UTC (Tuesdays-Saturdays). The direct URL for the audio stream is <http://radioexterior.rtveradio.cires21.com/radioexterior/mp3/icecast.audio>, or, in fewer characters, <http://bit.ly/2hB0t0hW>. That's a capital "O", not the number "zero". Sometimes the program runs longer than 30 minutes, if so, annoyingly, anything beyond 30 minutes is cut off.

That's it for January; hope 2017 brings you good listening via whatever device and delivery method you prefer!

73 DE Richard



Please remember to direct all communications about subscriptions, bulletin delivery issues, the use of PayPal as a payment method, etc. to Bill Oliver at the club's familiar 45 Wildflower Road, Levittown, PA 19057 or to his e-mail address, billoliver@verizon.net. Thanks!

Shortwave Center

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

Happy New Year!

The news that came at the end of last year regarding Radio Australia was not in any way good. We track the arguments back and forth here. Prospects for the VOA also look a bit bleak for other reasons. We chronicle that issue as well.

Nonetheless, shortwave is still with us and has been NOW for over 95 years! That is certainly worth celebrating, as will be the 30th Anniversary of NASWA's Winter SWL Fest in March. There, we will be "festing" the past, present and—yes—future of shortwave. You should plan to be with us!

SHORTWAVE STATION NEWS

Press Release

ABC Exits Shortwave Radio Transmission

Posted 6th December 2016

<http://about.abc.net.au/press-releases/shortwave-radio/>

The **ABC** will end its shortwave transmission service in the Northern Territory and to international audiences from 31 January 2017.

The move is in line with the national broadcaster's commitment to dispense with outdated technology and to expand its digital content offerings including DAB+ digital radio, online and mobile services, together with FM services for international audiences.

The majority of **ABC** audiences in the Northern Territory currently access ABC services via AM and FM and all **ABC** radio and digital radio services are available on the VAST satellite service.

ABC International's shortwave services currently broadcast to PNG and the Pacific. Savings realised through decommissioning this service will be reinvested in a more robust FM transmitter network and an expanded content offering for the region that will include English and in-language audio content.

Michael Mason, **ABC's** Director of Radio said, "While shortwave technology has served audiences well for many decades, it is now nearly a century old and serves a very limited audience. The **ABC** is seeking efficiencies and will instead service this audience through modern technology".

The **ABC**, working alongside SBS, is planning to extend its digital radio services in Darwin and Hobart, and to make permanent its current digital radio trial in Canberra. Extending DAB+ into the nation's eight capital cities will ensure **ABC** digital radio services can reach an additional 700,000 people, increasing the overall reach of **ABC** digital radio to 60% of the Australian population.

ABC Radio is also investigating transmission improvements to address reception gaps in the existing five DAB+ markets. It aims to ensure a resilient DAB+ service in every capital city, with enhanced bitrates and infill where necessary.

"Extending our DAB+ offer will allow audiences in every capital city in Australia equal access to our digital radio offering, as well as representing an ongoing broadcast cost saving owing to lower transmission costs," added Michael Mason.

ABC International's Chief Executive Officer Lynley Marshall said the reinvestment from closing international shortwave services would maximise the **ABC's** broadcast capabilities in the region.

"In considering how best to serve our Pacific regional audiences into the future we will move away from the legacy of shortwave radio distribution," Ms. Marshall said. "An ever-growing number of people in the region now have access to mobile phones with FM receivers and the **ABC** will redirect funds towards an extended content offering and a robust FM distribution network to better serve audiences into the future."

Once international shortwave ceases transmission, international listeners can con-

tinue to access **ABC International** services via:

- a web stream at: <http://www.radioaustralia.net.au/international/listen>
- in-country FM transmitters, see **Radio Australia's** 'Ways to Listen' at: <http://www.radioaustralia.net.au/international/radio/waystolisten/fiji>
- the Australia Plus expats app (available in both iOS and Android)
- partner websites and apps such as www.tunein.com and www.vtuner.com.

Audiences can access further information via the reception advice line 1300 139 994 or via **ABC Local Radio (Darwin & Alice Springs)**.

ABC's decision to end shortwave radio service 'could be life threatening' ranger says

NT Country Hour By Daniel Fitzgerald

Posted 7 Dec 2016, 10:44pm

<http://www.abc.net.au/news/2016-12-08/abc-shut-shortwave-radio-service-met-with-anger/8103096>

An Indigenous ranger group in the Northern Territory says the **ABC's** decision to end its shortwave radio service could be life threatening.

The **ABC** announced this week its three HF shortwave radio transmitters at Katherine, Tennant Creek and Roe Creek (Alice Springs), would be switched off on January 31, 2017.

ABC Radio will continue to broadcast on FM and AM bands, via the viewer access satellite television (VAST) service, streaming online and via the mobile phone application.

Mark Crocombe from the Thamarrurr Rangers, in the remote community of Wadeye, said the rangers spent days and sometimes

weeks at a time away in the bush and out on sea patrols.

He said the group relied on the **ABC's** shortwave radio for weather reports and emergency information.

"Otherwise you have to call back to the base on the HF radio to ask people [there], but then you can't listen to the report yourself, you are relying on someone else's second-hand report," Mr. Crocombe said.

Mr. Crocombe said on previous bush trips he had received warnings of cyclones via the **ABC's** shortwave service, without which he would not have had any notice.

"Sure, it is expensive to keep the shortwave radio service going, but during cyclones, for the bush camps and people on boats, that is their only way of getting the weather reports," he said.

"It could be life threatening, if you are out and you don't know a cyclone is coming."

Mr. Crocombe said the VAST service did not work during cloudy weather, especially during monsoons and cyclones.

"The VAST satellite dish is fixed to your house, we are working in the field, and when we are on the boats we are not in mobile phone range, so applications and VAST do not work in the bush," he said.

In response to Mr. Crocombe's concerns, a spokesperson for the ABC said "In emergencies, the ABC works very hard to ensure that its services remain available through

a range of FM broadcasts and re-broadcast arrangements in the NT.

"Cyclone activity is usually coastal in nature, in which case users are covered by FM, Maritime distress frequencies, and the ABC's close working relationship with northern Indigenous broadcasters — particularly in times of emergency broadcasting," the statement read.

"The BOM provides forecasts and warnings in HF on the hour, every hour. The Emergency Flying Doctor service also broadcasts in HF."

Cattleman's Association says ABC decision ignores people in the bush

The national broadcaster said in a statement on Tuesday the move was in line with its "commitment to dispense with outdated technology and to expand its digital content offerings."

But the announcement was met with anger by the Northern Territory Cattleman's Association.

President Tom Stockwell, who lives on Sunday Creek Station with no access to AM or FM radio or mobile phone coverage, said the ABC's decision to focus on digital transmission ignored people in the bush.

"It affects a big area of Australia and it affects those people that are remote from other forms of communication that rely on radio network," he said. **The ABC's decision to end Radio Australia's shortwave service has raised questions about who will fill the void.**

"The ABC argument that it's a 100-year-old technology doesn't stack up. Electricity is 100-years-old — is the ABC going to get rid of electricity as well?

"Anybody who's remote and away from a satellite dish won't get local radio, won't get emergency radio, won't get emergency messages and they're going to use the money to put in another digital platform for crying out loud.

"It's just the most selfish, ridiculous decision I've ever heard," Mr. Stockwell said.

Head of ABC Radio strategy Jeremy Millar defended the broadcaster's decision while admitting he was unsure about the size of the shortwave audience in the Northern Territory.

"[It is] very hard to identify audiences in remote areas that are specifically hinged on these services.

"Our estimates are that they are fairly low given the VAST service is available across the Northern Territory," Mr. Miller said.

"The downside is that VAST is a technology which is best working in a stationary environment, at home, a business or a place of work and not necessarily mobile.

"But a number of communities have a landed service which means they receive VAST off the satellite and then can rebroadcast their programs on a low-powered FM in their market.

"That landed VAST service has certainly plugged a lot of gaps in terms of geographic coverage."

Mr. Millar would not reveal how much the ABC would save by ending the service.

ABC defends decision to axe NT's shortwave radio service amid emergency update concerns

105.7 ABC Darwin By Emilia Terzon

Posted 19/12/2016 at 12:18am

The **ABC** has defended the axing of its Northern Territory's long-distance radio service, despite calls from federal representatives to reverse the decision.

This month the broadcaster announced its HF shortwave radio transmitters at Katherine, Tennant Creek and Roe Creek (Alice Springs) would be switched off on January 31, ceasing **ABC Radio** coverage across the long distance radio transmission platform.

The decision has attracted criticism from cattle station owners, Indigenous ranger groups and fishermen, who argue it was done without community consultation and would deprive people in remote areas of vital emergency warnings.

On Monday Senator Malarndirri McCarthy and Lingiari MP Warren Snowdon met with **ABC** management in a bid to have the decision reversed.

"The result of that meeting is that they still stand by that decision. We did find the meeting quite disappointing really," Senator McCarthy told **105.7 ABC Darwin** on Monday.

"There really hasn't been any decency in terms of respect and consideration for the usage of shortwave, which has been a vital service and is a vital service across the Northern Territory.

"People feel like the **ABC** forgot about them."

Cutting NT shortwave service saves \$1.2m

On Tuesday **ABC** spokesman Ian Mannix told **105.7 ABC Darwin** the decision to axe shortwave services "will only affect a very, very small amount of people". However, he conceded a formal survey had not been done about how many people would be impacted.

ABC Radio will continue to broadcast across the Territory on FM and AM bands, via the viewer access satellite television (VAST) service, streaming online and via the smartphone app.

There is also a separate Bureau of Meteorology (BOM) shortwave service that runs across Australia.

Mr. Mannix said the majority of people affected by the loss of **ABC** shortwave radio, such as those living in remote Indigenous

communities and on homesteads, would be able to access "the full amount of **ABC** services" through satellite links.

"That's free and they can pay about \$600 for a satellite dish," he said.

Mr. Mannix said people at sea who would soon be without **ABC Radio** shortwave should instead access very high frequency (VHF) radio, while those travelling on land should tune into the non-profit VKS-737 radio service.

VHF and VKS-737 only broadcast a range of automated BOM updates and require specialised transceivers that cost thousands of dollars, however they allow two-way communication during emergencies.

The **ABC's** shortwave service does not require costly transceivers, does not allow two-way communication, yet includes mainstream **ABC Local Radio** broadcasting and hourly bulletins.

Mr. Mannix said anybody travelling or working in remote parts of the Territory should not just be "heading out into the bush" and basing all their movements on **ABC Local Radio** weather updates.

"They have to take responsibility for their safety as well and make sure that before an event they're well informed about prospective problems they might face."

It costs \$1.2 million to run the shortwave service, which Mr. Mannix said would now be reinvested in the **ABC's** expansion of its digital radio services in Darwin and Hobart.

ABC unlikely to reinvest in expanded AM service

Listeners to **105.7 ABC Darwin** said Mr. Mannix underestimated the remote realities of the Territory, a place six times the size of Britain with a population of 240,000.

"There's about 150 boats in the cyclone season across the Top End of Australia. Every one of those is listening to shortwave," a North East Arnhem-based fisherman said. "The local radio is much more comprehensive than what BOM does."

Mark Crocombe from the Thamarrurr Rangers in Wadeye has previously said his group's VAST service did not work during cloudy weather, especially during monsoons and cyclones.

He said he had previously found out about cyclone warnings through the **ABC** shortwave radio, without which he would have had no notice.

On Tuesday, Mr Crocombe added that apart from his ongoing emergency weather con-

cerns, the decision would also further isolate people working remotely out bush.

"We've used shortwave to listen to the Olympic Games, the AFL grand final, rugby union World Cup. We've listened to it all on shortwave."

NT Cattlemen's Association president Tom Stockwell said the argument that other platforms could compensate for shortwave was "comparing bastard apples and pears", and that he was only able to access **ABC Local Radio** via satellite on his homestead while standing in his kitchen.

Mr. Stockwell called on the **ABC** to compensate shortwave listeners with an expanded AM radio service in the Territory, so that people travelling could more easily stay updated with weather and local news.

"As far as I'm aware, the ABC isn't considering expanding the AM network because that would be a massive cost," Mr Mannix said.

Pacific nations lose shortwave radio services that evade dictators and warn of natural disasters

OPINION

The Conversation By Alexandra Wake, RMIT

Posted 9 Dec 2016, 1:29am

As a magnitude 7.8 earthquake struck off the coast of the Solomon Islands, triggering a tsunami warning across the Pacific, many residents of the tiny country would

have turned to shortwave radio for more information.

The tsunami warning has since been called off, though assessments of damage from the quake are not yet complete.

Sadly, this vital communication service is under threat in this already under-resourced region.

For almost 80 years, Australia has provided such shortwave services, including vital emergency service information, to Asia and the Pacific.

But government funding cuts saw Asian services turned off in January 2015. And now the Australian Broadcasting Corporation (ABC) has decided to cut the remaining services to residents of remote parts of the Pacific, Papua New Guinea and parts of northern Australia by ceasing its shortwave radio services to the Pacific from the end of January 2017.

The **ABC** has argued the shortwave transmissions, which can travel thousands of kilometres and be picked up by low-cost transmitters run on batteries or solar power, are outdated. Michael Mason, **ABC's** director of radio said:

"While shortwave technology has served audiences well for many decades, it is now nearly a century old and serves a very limited audience. The **ABC** is seeking efficiencies and will instead service this audience through modern technology."

The problem is, of course, that in remote places in the Pacific--particularly in Melanesian nations such as Papua New Guinea, Vanuatu and the Solomon Islands--there is no access to an FM signal, limited Internet and, where Internet is available, it is expensive.

Advances in technology such as low-earth orbit satellites, which provide high-speed global internet services, show promise. But, as yet, the receiving technology is expensive and the receivers aren't available in rural and remote area.

How shortwave evades censors

The **ABC** has said it will replace international shortwave services with digital services including a web stream, in-country FM transmitters, an Australia Plus expats app and partner websites and apps such as **TuneIn** radio and **vTuner**.

There was no mention of the use of updates to shortwave technologies, such as **Digital Radio Mondiale**, which is being used by **Radio New Zealand**, or using shortwave for digital data transmission, which can't be censored or jammed.

The move away from shortwave to FM transmissions and digital and mobile services has been accelerated despite the fact that FM frequencies can easily be shut down by disaffected political leaders, as happened in Fiji in 2009 on the order of then self-appointed prime minister Frank Bainimarama.

It was a matter of national pride at the time for the **ABC** to be providing independent information for Fijians via shortwave, with then managing director of the corporation, Mark Scott, highlighting a text message sent from inside Fiji to the **ABC**, which read:

"We are trying to listen to you online but are having difficulty. Please keep broadcasting. You are all we have"

Shortwave radio has played a valuable role in getting information to communities in the middle of civil disturbance, such as in East Timor in the lead up to independence.

In Burma, it was internal leaders who sought the shortwave services. In 2009, Burmese pro-democracy leader Aung San Suu Kyi called on Australia to provide shortwave broadcasts.

At the time the **ABC's** director of international, Murray Green, said the move reflected the **ABC's** ongoing commitment to serving people in those parts of Asia and the Pacific who live without press freedom.

Even before this announcement was made, the price of shortwave radios was increased in Burma's Sittwe market.

Keeping people safe from disaster

It isn't just a matter of providing information to censored countries. Shortwave also provides a reliable source of information, particularly during natural disasters.

Shortwave provides vital warnings of tsunamis to outlying island nations. It was a lasting communication method after the 2004 Boxing Day tsunami, and was vital in the response to 2015's Cyclone Pam, which devastated Vanuatu.

Shortwave transmissions go over mountains and seas, have a longer range, and don't fall over and twist in storms like FM radio towers. The Pacific Freedom Forum, a regional media freedom and ethics monitoring and advocacy NGO, said in a statement:

"It's clear that no thought was given to the link between disaster communications and this service, or even the fact that FM is

largely unreliable in bad weather and only available in urban areas."

Shortwave is seen as a vital part of keeping communities safe. As an **ABC** correspondent wrote on their Facebook page, and as technology reporter Peter Marks mentioned on air, after Cyclone Pam:

"We expected the worst. Death, injury, hunger. But when we arrived, the Dillons Bay village chief ... told me they knew the cyclone was approaching, so they sheltered in the two solid buildings in the village. Most houses were flattened but not a single injury. I asked him how he knew the cyclone was approaching.

"He said, '**ABC Radio**'."

<http://www.abc.net.au/news/2016-12-09/pacific-nations-lose-shortwave-radio-services/8108032>

U.S. INTERNATIONAL BROADCASTING

A big change to U.S. broadcasting is coming — and it's one Putin might admire

Washington Post Editorial

December 9, 2016

For years, members of Congress have fumed about what they regard as ineffective U.S. public diplomacy, including the failure of broadcasting operations such as the **Voice of America** and **Radio Free Europe/Radio Liberty** to match the reach and apparent influence of networks such as Russia's **RT** and Qatar's **al Jazeera**. A frequent and arguably fair focus of criticism has been the Broadcasting Board of Governors, the body created to supervise government-funded media outlets while serving as a firewall between them and the political administration of the day.

A radical change to that system is now coming — and it looks like one that Vladimir Putin and Qatar's emir might well admire. An amendment quietly inserted

into the annual National Defense Authorization Act by Republican House leaders would abolish the broadcasting board and place **VOA**, **RFE/RL** and other international news and information operations under the direct control of a chief executive appointed by the president. The new executive would hire and fire senior media personnel and manage their budgets.

With a confirming vote by the GOP-controlled Senate, President-elect Donald Trump will be able to install the editor of **Breitbart News** or another propagandist of his choice to direct how the United States is presented to the world by **VOA**, or how Russia is covered by **RL**. If Congress's intention was for U.S. broadcasting to rival the Kremlin's, it may well get its wish.

The damage to U.S. interests could be considerable. The unique attraction for global audiences of **RFE/RL**, **Radio Free Asia** and

other outlets is not their skill at presenting the U.S. government line, but their journalistic independence. They were created to be "surrogate media," news organizations that offered accurate and independent coverage of events in countries where citizens could not depend on their own, state-run media. **RFE's** coverage of Communist Europe was vital to the growth of the independent political movements that eventually brought down the system. **Radio Free Asia** strives to serve the same purpose in China, as does **Radio y Televisión Martí** in Cuba.

The point of board governance was to prevent direct political interference in programming by the White House, State Department or other agencies. It was a guarantee that for decades has helped to attract journalistic talent to the broadcasting organizations, as well as listeners seeking reliable information. The board of governors had serious problems: Its members served part time, and not all took their duties seriously. But the system's biggest flaw was remedied three years ago with the creation of a chief executive position.

The new reform, driven by House Foreign Affairs Committee Chairman Edward R. Royce (R-Calif.), enhances that executive's power and makes him answerable to the White House rather than the bipartisan board. A new advisory panel will be created, but it will be toothless: Its members will also be nominated by the president from a pool provided by Congress.

The Obama administration — perhaps anticipating a Hillary Clinton presidency — supported these changes. Now its outgoing public-diplomacy officials will have to hope that Mr. Trump chooses an executive committed to the U.S. broadcasting tradition of independent and reputable journalism rather than a political loyalist or alt-right ideologue. Either way, there is likely to be an exodus of seasoned professionals from the surrogate broadcasters as well as **VOA** — meaning that U.S. international broadcasting, whatever its current deficiencies, is likely to get worse.

NASWA'S own Dan Robinson weighed in on

this important topic in the comments section of the WP web site:

As a former VOA senior correspondent (retired in 2012), I can attest that this is a serious situation, and no amount of happy talk emanating from the 3rd floor of the Cohen Building can ameliorate it or hide it. BBG is and long has been a mismanaged entity. Every year, it scores near the bottom of federal employee workplace ratings.

As a whole, the organization and the entities under it have never been able to resolve the inherent institutional schizophrenia of the venture. The journalists want to do their job as journalists, as required by law, while policymakers want to them do what one official once called "journalism with a purpose." But that is not journalism; it something else - advocacy, propaganda, "messaging" (how I abhor that term!), whatever. However, even in the face of BBG lapses, VOA journalists themselves have struggled to maintain journalistic independence, which is the cornerstone to credibility. Unfortunately, the product has been getting watered down to be click-bait.

Contrary to assertions of its proponents, the legislation is not a true reform effort; it is a bid to mandate propaganda that will be flying a false flag of journalism. The bill mandates closer ties with the NSC, DOD, State, and, presumably, the intelligence community. Such legally mandated contacts cannot help but taint any journalistic product. That issue is what VOA journalists have been repeatedly trying to raise about certain provisions in the legislation, but their principled opposition of journalistic credibility has been derided and scorned by some proponents of the bill.

I fear the Trump News Network will come into being - but in a very different way than had been envisioned had he lost the election. If the new administration has its way - as it most surely will - political vampires will suck the lifeblood out of VOA and the surrogates, leaving dry, empty shells devoid of journalistic substance, standards, and professional respect.

Homage to first shortwave trans-Atlantic radio broadcast

By Huw Williams

BBC Scotland reporter

11 December 2016. From the section "Glasgow & West Scotland"

Radio enthusiasts have recreated the first ever trans-Atlantic shortwave broadcast - 95 years after it connected Ardrrossan and the United States.

Members of the Radio Society of Great Britain took part at the North Ayrshire coastal town on Sunday. They exchanged broadcasts with the American Radio Relay League (ARRL) and the Radio Club of America in Connecticut. The groups said the first transmission helped pioneer global communications. They used modern and historical equipment to recreate the broadcasts.

Len Paget from the Radio Society of Great Britain (call sign: GMOONX) said: "The frequencies used for the transmission were thought at the time to be useless for long distance communications and were given to radio experimenters as they were thought to have little or no commercial value. The success of these experiments showed that trans-Atlantic transmissions could be achieved using short wave frequencies with a power equivalent to that used by your toaster in kitchen. "

He says the successful test back in 1921 proved that world-wide communication could be achieved using short wave. "The BBC World Service which was to follow in 1932 would heavily rely on the radio frequencies pioneered by radio amateurs of that time," he explained.

The radio amateurs involved in recreating the pioneering broadcast believe technology we rely on today is a direct descendant of the groundbreaking work of the "garage tinkerers" of almost a century ago. Tom Gallagher of the ARRL (call sign: NY2RF) said anyone who owns a smartphone holds "the most powerful communications device yet created".

"It has three separate transmitters and receivers - cellular, bluetooth and wifi. All of that is wireless technology. We are standing on the shoulders of giants who worked with their own resources and ingenuity."

Is amateur radio still relevant today?

Jason O'Neill (call sign: GM7VSB) points to three examples where amateur radio operators have provided essential communications:

The radio operator on the **Falkland Islands** "who was able to break the news of the Argentine invasion back in the 80s when all government communication channels had been taken out"

The amateurs "helping out with the search for the missing Malaysian Airlines MH370 Flight, where emergency communications were provided for the government"

Tim Peake, the first British Astronaut on ISS, used amateur radio to communicate live with schools all over the UK in a bid to engage pupils with science.

Full article plus pictures and illustrations at <http://www.bbc.com/news/uk-scotland-glasgow-west-38262397>

NORTH AMERICAN SHORTWAVE DX CONTEST

"The Final Countdown"

2017

This contest will be held from 00:00 UTC on 7 January 2017 until 00:00 UTC on 29 January 2017. It is open to all shortwave listeners in the North American region regardless of their membership in any Shortwave or Ham Radio Club.

The primary contest frequencies will be from 2300 kHz-26130 kHz. SW stations logged outside this range will not be accepted.

The fee for entering the contest will be \$5.00 USD acceptable in cash, check, or money order. Cash can be sent by mail to: John P. Cooper, 734 Sally Ann drive, Lebanon, PA 17046. Checks or Money Orders should be made out to John P. Cooper. Contest forms and further information are also available from John by e-mail at broadwing56@msn.com.

POSTAGE DEADLINE DATE: 4 February, 2017 (latest date of post office cancellation). Contest forms cancelled after that date will be returned to sender.

A Contest Certificate of Participation suitable for framing, with contest standing noted will be awarded to each individual DXer participating along with a separate list of participants and standings in the contest. Final results will be posted in the March 2017 NASWA Journal and online at various sites.

Prizes for 1st-3rd place will be awarded.

Part 1: A total of 16 random contest countries will be picked and contestants must log one valid station from each country to be awarded points. 1000 points will be awarded for each logged county and will be divided by the total number of all eligible logs for each country and rounded by 2 decimal places. (EXP: If Germany is a country and you are the only one to log it you get 1000 points. If 6 others log the same country it is $1000/7=142.85$ points per log of this country.)

Part 2: Contestants will log as many individual countries heard consulting the NASWA Country list and SW Station definition as a guide. (Available on line at NASWA.net) A maximum of 100 points will be given per country logged. Ham transmissions and Utility stations will not be allowed. If only you log a certain country, 100 points will be awarded. If 6 others log the same country, it is $100/7=14.28$ points.

Part 3: To raise your score further-1000 Points Max. You will be given the opportunity to log North American Pirate Stations, (No Euro Pirates) with 100 Points awarded for each Pirate that you get a valid ID on divided by the number of contestants who log the same station. **10 Stations Maximum.** (EXP: Yours is the only log for Boom Box Radio 100 points. If 6 others log it is $100/7=14.28$ points.)

NOTE: You must give sufficient details in your logs for them to be validated. Logs with general notes such as "music," "male/female talk," will not be accepted. Try to get valid station ID's and program translations if it is not in English. Logs must be from your own SW equipment, not on line nets such as the University of Twente or Perseus Nets. **No audio tapes will be accepted!**

Sponsored by NASWA and Universal Radio

Listener's Notebook

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

Times are UTC and frequencies in kHz.

AFGHANISTAN 6100, *R Afghanistan*, External Service, 1530-1705, Nov 24, programmes in English, Urdu, Arabic and vernacular. Strong QRM from China R International. (Ivanov-Bulgaria/DX Window) David Kernick confirmed that 6100 was in parallel with Radio Afghanistan's web stream. 6100 has been widely reported since with the schedule: English 1530-1600, Urdu 1600-1630. Very weak signal in Europe but it is audible some days. (Dave Kenney-UK/British DX Club)

Reception of *Radio Afghanistan* External Service on Dec.22:

1630-1700 on 6100 YAK fair/good signal
1700-1730 on 6100 YAK Arabic or unknown lang.
(DX Mix-Bulgaria)

ANGOLA 4949.73, *R. Nacional de Angola*, 0502-0516, Nov 27. Nicely above threshold level audio; clear ID ("Radio Nacional de Angola"); 0504-0516 certainly a religious program, as its Sunday; program started with singing of the song "Hallelujah," and also religious songs at 0512 & 0516. Nice to have them back on the air after being silent for several days. (Ron Howard-CA) 4949.73, *R. Nacional de Angola*, 0207-0413, Nov 30. Very nicely above threshold level audio; one of their best days; 0300-0304 brief news; African pop songs and indigenous chanting; many clear IDs. Provided several hours of enjoyable listening at a decent level of reception. SWLing at its best! (Ron Howard-CA) What do you think happened with Angola? Starting maybe two weeks ago, I've been noticing a decent signal from them during checks in the local evenings. . . and this is after getting nothing better than maybe a carrier, for the past couple years, other than the stray one or two receptions each session at fair level. New xmtr unlikely as the same offset fqys persisting. Wonder if they have hired a new engineer? I tried QSLing them last year but all for naught. They are very resistant to my efforts, hi. (Ralph Perry-IL) Angola had four time pips at 0400 and much news about Castro. It will be recalled that Cuba/Castro gave very strong support to Angola

between 1979 & 1991, by sending a good number of Cuban civilians and troops to support the Angola government. So Angola & Cuba has had a special relationship over the years. (Ron Howard-CA) 4950, *R. Nac. Angola*, Mulenvos. Apparently this one is not kaputt, as feared in last issue. Rather it reappeared this evening with a good modulation contrary to years of low modulation. At 2000 with time pips and announcement by female after a period of light MX in Portuguese. SIO: 222, Nov 27. (Zeljko Crncic-D, wwdxc BC-DX TopNews Nov 27) 4949.73, *R. Nacional de Angola*, on Dec 21, very disappointed to find only a strong open carrier here with positively no audio; signal stronger than normal; noted at different time between 0337 to 0535 and always with solid signal strength, but never any audio. (Ron Howard-CA) By the end of December there were several reports that *R. Nacional de Angola* was no longer being heard. (RAD) Putting in a nice signal @ 0233 12/29 Z on 4949.70 with AFRO Pops and even some high-life mx. (Chuck Rippel-VA/DXplorer)

ANTARCTICA 15475.97, *LRA36* (tent.) Certainly sounded like mx at 2052 UT. Positively had mx on very short peaks at 2053:25, 2101:15, 2102:05. M anncr at 2104:55. Went off at 2109:05. Tuned in USB. (Dave Valko-PA-USA Nov 25-26, via wwdxc BC-DX TopNews Dec 10)

ARMENIA 6145, *R Mi Amigo*, via Gavar, Yerevan, 1953-2015, Nov 27, pop music, English comments, ID: "Radio Mi Amigo International", 45444. (Mendez-Spain/DX Window)

AUSTRALIA ABC Exits Shortwave Radio Transmission: The ABC will end its shortwave transmission service in the Northern Territory and to international audiences from 31 January 2017. The move is in line with the national broadcaster's commitment to dispense with outdated technology and to expand its digital content offerings including DAB+ digital radio, online and mobile services, together with FM services for international audiences. The majority of ABC audiences in the Northern Territory currently access ABC services via AM and FM and all ABC radio and digital radio

services are available on the VAST satellite service. ABC International's shortwave services currently broadcast to PNG and the Pacific. Savings realised through decommissioning this service will be reinvested in a more robust FM transmitter network and an expanded content offering for the region that will include English and in-language audio content. Michael Mason, ABC's Director of Radio said, "While shortwave technology has served audiences well for many decades, it is now nearly a century old and serves a very limited audience. The ABC is seeking efficiencies and will instead service this audience through modern technology". ABC International's Chief Executive Officer Lynley Marshall said the reinvestment from closing international shortwave services would maximise the ABC's broadcast capabilities in the region. "In considering how best to serve our Pacific regional audiences into the future we will move away from the legacy of shortwave radio distribution," Ms Marshall said. "An ever-growing number of people in the region now have access to mobile phones with FM receivers and the ABC will redirect funds towards an extended content offering and a robust FM distribution network to better serve audiences into the future." Once international shortwave ceases transmission, international listeners can continue to access ABC International services via: a web stream at: <http://www.radioaustralia.net.au/international/listen>; in-country FM transmitters, see Radio Australia's 'Ways to Listen' at: <http://www.radioaustralia.net.au/international/radio/waystolisten/fiji>; the Australia Plus expats app (available in both iOS and Android); and partner websites and apps such as www.tunein.com and www.vtuner.com. (ABC Website via John Herkimer) Australia's opposition is asking the ABC questions about its decision to shut down its shortwave service to the Pacific. Labor's spokesperson on International Development and the Pacific, Senator Claire Moore, says they are concerned that Australia's engagement in the Pacific will suffer because of the decision. She was recently in the Pacific as part of a bipartisan delegation of Australian politicians visiting Vanuatu, Solomon Islands and Samoa. Ms Moore tells Bruce Hill Labor has concerns about what happens with radio broadcasting during cyclones, and whether other countries might want to fill the gap left by Australia withdrawing". (TopNews) ABC Shortwave Saves Lives: Northern Territory Senator Malarndirri McCarthy calls on the ABC to reverse its decision to axe shortwave radio to remote Australia - all because of government cuts. (John Figliozzi-FL)

I got an e-mail confirmation from *Reach Beyond Australia* for reception in Indonesian language - 19 Nov 2016, 1200-1228 on 11865 frequency. The report sent by e-mail: radio@reachbeyond.org.au. Confirmation Photo - Japanese Gardens Toowoomba, Queensland. (Dmitry Kutuzov-RUS, "deneb-radio-dx", RUS dx Dec 4)

2368.5, new station on shortwave: *Station X* on the Gold Coast plans to shortly operate ex 1692. Peter Tate our member. He can be contacted through his website. 100 watts! admin@stationX.com.au. Peter has a few issues he tells me with the ATU and the antennae itself, still he is having a go, we hope to hear you soon Peter. (John Wright-Australia/ARDXC)

AZERBAIJAN 9676.9, *Ictimai R* or *Voice of Justice*, Stepanakert, 0850-0915, Nov 18, broadband FM modulation, good signal. (Ivanov-Bulgaria/DX Window) 9677, Nagorno Karabakh. Station w/ demodulated sound in Azeri on 7/11 at *0819-1404* (Pankov-Bulgaria/ARDXC)

BANGLADESH 4750.00, 1520-1550, 10.12, *Bangladesh Betar*, Shavar back on normal schedule Bengali interview mentioning Bangladesh three times, song, 1530 English news about human rights in Bangladesh, 1544 music, 1545 Bengali talk, 35243. (Anker Petersen-Denmark/PlayDX) 4750, Bangladesh Betar - HS, suddenly on at *1235, on Dec 19, with the start of the Monday only SAARC (The South Asian Association for Regional Cooperation) news bulletin in English; mixing with CNR1; item about Friday's (Dec 16) national celebration of the 46th "Victory Day" festivities, with President Hamid and Prime Minister Hasina placing wreaths at the "National Memorial" to pay tribute to the martyred freedom fighters; 1242 "This is the end of the SAARC news bulletin" (did not spell out SAARC, but pronounced it as a word); into Bangla; at 1252 brief weather conditions in English ("partly cloudy" and gave temperatures), which is a daily feature. Any Monday that I am able to make out specific SAARC news items, is a very good day indeed! (Ron Howard-CA)

BOLIVIA 6134.82, *R. Santa Cruz*, with greatly extended broadcast on Dec 8. Tuned in at 0229 and still being heard at 0344+; special coverage from some live(?) event in Santa Cruz; talking to folks at the event, with background sounds; very unusual for them to be on the air this late. (Ron Howard-CA)

BRAZIL 3375.07, *R. Municipal*, Sao Gabriel da Cachoeira, AM, at 1006 ZY Pop song, 1008 lively canned anmmts by M w/ment of Brasil, then same M DJ over mx at 1009-1013. Was able to catch 1 mention of Municipal and Brasil and ID at 1012:15. Back to mx at 1013. Very difficult due to faulty 60 Hertz buzzing xmtr. (Dave Valko-USA, via wwdxc BC-DX TopNews Dec 4)

6180.04, *R Nacional da Amazônia*, Brasilia, DF, 0340-0450, Nov 28, Portuguese programme "Madrugada Nacional" with nice Brazilian music and phone-in's, 45434. (Petersen-Denmark/DX Window)

11895.09, *Super R. Boa Vontade*, Porto Alegre, RS. Surprised to find this coming and audible after 1010 w/PT rel. t1k by alternating M and W pgm hosts over instru. mx, same with a very strong signal received on a kiwi SDR.hu web rx from Pardinha S.P. Brazil. 1014 web site by W annr. 1015:55 W mentioned Boa Vontade, and "Cristo" at 1016:50, and amor and palabra. ID anmmt by M at 1020:45. Most readable audio yet but very fady. Peaking 1015-1020. Nearly as good as Brasil Central. Porto Alegre was already 2 hours into daylight at this time but still 2 hours before sunrise here. Nothing on 9550 here but huge signal in S.P. All other 25mb ZYs (11735, 11765, 11780, 11815, 11855, 11925, 11935) there at this time. (Dave Valko-USA, via wwdxc BC-DX TopNews Dec 4)

BULGARIA QSL via Spaceline Ltd., Sofia Bulgaria. CEO Dimitar Todorov lz1ax@mail.bg. (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 27)

9400, English program sermon until 0130:04 Dec 4, originate ETC End Times Coming Ministry from SPC-NURTS Sofia Kostinbrod? Or, Grigoriopol Moldova? Station address on page 496, in WRTH 2016. ETC Ministry, c/o Pennywise 15a, St. Andrews Court, Bolton BL1 1LD England, United Kingdom. info@godsword.co.uk. Noted with English accent (Oxford English) on Doha Qatar remoted Perseus SDR post at late TUNE IN around 0124 until 0130 slot on Dec 4. S=9+10dB signal in Qatar. TX OFF at 0132:30. I guess was on air 0100 until 0130? (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Dec 4) Re: 9400 kHz English program sermon til 01.30:04. I have no idea, but 9400 probably is from Sofia Kostinbrod, (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 4) via SPC-NURTS Sofia Kostinbrod Bulgaria relay site, QSL via Spaceline Ltd., Sofia Bulgaria. CEO Dimitar Todorov lz1ax@mail.bg. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Dec 4)

CHINA 5979, new frequency for *Gannan PBS* (ex: 5970). Was first noted by Hiroyuki Komatsubara (Japan) on Dec 3. I observed them today (Dec 6) from 1314 till off sometime between 1346-1349, which corresponds to Hiroyuki's recent observations. Radio Marti (5980) is not much of a problem for me while in LSB. Expected to hear relay of CNR11 (per Aoki 1300-1400), but in fact clearly not // to 7350 (CNR11); by 1340 was able to confirm 7350 // 6010, due to unique Tibetan chanting being heard; 6010 (CNR11) is between the strong jamming on 6003 & 6015, so extremely poor reception there. Also unable to confirm Gannan PBS was // 3990, as there was only an open carrier there (unable to get any audio). (Ron Howard-CA) 5979, Gannan PBS (ex: 5970). So for two weeks now they have continued to use this new frequency; Dec 16, 1331, sounded Chinese; best in LSB, but Cuban jamming of Radio Marti (5980) is a slight problem; ex: 5970 now a clear frequency. Dec 19, for the first time, able to make out 5979 //3990, at 1317, in Chinese and playing EZL music. (Ron Howard-CA)

CLANDESTINE Radio Adal resumed its shortwave broadcasts:

1500-1530 11670 ISS Arabic Wed/Sat (ex. 17580)
1530-1600 11670 ISS Tigrinya Wed/Sat (ex. 17580)
(DX Mix-Bulgaria)

Radio Al-Mukhtar resumed its shortwave broadcasts:

1500-1530 NF 11670 ISS Arabic Tue, instead of 17580
1530-1600 NF 11670 ISS Tigrinya Tue, instead of 17580
(DX Mix-Bulgaria)

Radio Publique Africaine:

1800-1831 on 11550 MDC Kirundi
1831-1858 on 11550 MDC French
(DX Mix-Bulgaria)

Radio Denge Kurdistan on Dec.15/Dec.16

2000-2130 on 9400 KCH Kurdish
0330-0600 on 7350 KCH Kurdish (updated Dec 29)
0600-1300 on 11600 KCH Kurdish
1300-1600 on 11600 KCH Kurdish
1500-1600 on 11600 ISS Kurdish (updated Dec 29)
1600-1930 on 7455 ISS Kurdish
2000-2130 on 7455 KCH Kurdish
(DX Mix-Bulgaria)

Radio Inyabutatu via MBR:

1700-1800 on 17870 ISS Kinyarwanda Sat
(DX Mix-Bulgaria)

Voice of Amhara Radio via MBR:

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

B-16 schedule of clandestine & other target broadcasts in time order

Radio Republica

0100-0300 on 9490 ISS Spanish

Reception of **Eye Radio** via TDF Issoudun:

1600-1640 15250 ISS Arabic/English
1640-1700 15250 ISS various langs

(DX Mix-Bulgaria)

Radio Dandal Kura International

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

Que Me

1200-1230 on 9930 HBN Vietnamese Fri

Radio Free North Korea

1200-1300 on 9355 TAC Korean

National Unity Radio

1200-1500 on 7520 DB Korean

Shiokaze Sea Breeze

1300-1330 on 6145 YAM Chinese Mon
1300-1330 on 6145 YAM Japanese Tue
1300-1330 on 6145 YAM Korean Wed
1300-1330 on 6145 YAM English Thu
1300-1330 on 6145 YAM Korean Fri
1300-1330 on 6145 YAM Japanese Sat
1300-1330 on 6145 YAM Korean Sun
1330-1400 on 6145 YAM Korean Mon
1330-1400 on 6145 YAM Japanese Tue

1330-1400 on 6145 YAM Korean Wed
1330-1400 on 6145 YAM English Thu
1330-1400 on 6145 YAM Korean Fri
1330-1400 on 6145 YAM Korean Sat
1330-1400 on 6145 YAM Japanese Sun

Voice of Wilderness

1330-1530 on 7615 TAC Korean (DX Mix-Bulgaria)

Oromo Voice Radio, inactive at present

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

Radio Voice of Independent Oromiya

1600-1630 on 17850 ISS Oromo Sun

Dimtse Radio Erena

1700-1730 on 11965 SCB Tigrinya Mon-Fri
1730-1800 on 11965 SCB Arabic Mon-Fri
1700-1800 on 11965 SCB Tigrinya Sat/Sun

Voice of Oromo Liberation

1700-1730 on 11810 NAU Oromo Wed/Fri/Sun
1730-1800 on 11810 NAU Amharic Wed

Voice of Amhara Radio

1700-1800 on 15360 ISS Amharic Mon/Wed/Sat

Radio Itahuka (not Inyabutatu)

1700-1758 on 15420 ISS Kirundi Sat

Frequency changes for **Voice of Tibet** on Nov.24:

1200-1215 NF 11512 DB Chinese, ex 15543
1215-1230 NF 11512 DB Chinese, ex 15537
1230-1245 NF 11512 DB Tibetan, ex 15528
1245-1300 NF 11512 DB Tibetan, ex 15522
1300-1330 NF 11507 DB Tibetan, ex 15517
1330-1400 on 11507 DB Tibetan no change

Radio Front for Independence of Oromo

1730-1758 on 17765 ISS Oromo Sun

(DX Mix-Bulgaria)

Reception of **Radio Biafra London** via via SPC-NURTS Sofia Kostinbrod:

1500-1553 15325 SOF English, and then dead air
1800-2000 15325 SOF English, again back on air
(DX Mix-Bulgaria)

Reception of **R. Sagalee Qeerroo Bilisummaa** via TDF Issoudun, Dec 1

1630-1658 17840 Oromo Tue/Thu/Fri, fair to good
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 1)

Radio Publique Africaine via MGB Dec 14

1800-1831 11550 MDC Kirundi
1831-1858 11550 MDC French
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 16)

6135, **Voice of Freedom** (Korea, South), 1556, Nov 23. Scheduled to be off between 1500-1600; choral National Anthem; time pips (3+1); into Korean programming; first time I have heard their sign on; heard through the usual white noise jamming. (Ron Howard-CA)

6145, **Shiokaze/Sea Breeze** via Yamata (Japan), on Dec 29 (Thursday). Special year end program in Japanese, recorded back on Dec 10, preempted the usual English on Thursday; *1300-1400*, with first half announcers and monologues, with second half an orchestra playing variety of music (Xmas song "Jingle Bells," etc.); nice reception with no N. Korea jamming; IDs "JSR Shiokaze"; program co-sponsored by "Furusato No Kaze" ("Wind of Hometown"). After Shiokaze signed off at 1400*, clearly heard the start of RTI, later joined by CNR1 jamming; both of which totally blocked PBS Qinghai. BTW - As always, very much appreciate Hiroshi's website in Japanese, with daily details about stations dealing with abduction issues. (Ron Howard-CA)

7265.01, 1357-1435*, 10.12, **Voice of Jammu and Kashmir Freedom Movement**, Islamabad Kashmiri talk and songs, heard after CRI in Hindi s/off at 1357* 25232 Hamburger Lokalradio was not heard. (Anker Petersen-Denmark/PlayDX)

7455, **Denge Kurdistan** is on air with new start/end of broadcast 0330-2130 9400 various transmitters

to WeAS Kurdish, ex. 0400-2200. Radyoya Denge Kurdistane, Kurdish program, BRB Ludo Maes FMO brokered from today Friday Dec 16. 7400 Radyoya Denge Kurdistane, noted instead of 9400 now here in 41mb, requested as 0330-0600 UT. Via Grigoriopol Maia tx site in Pridnestrovie Moldova. At 0506 on Dec 16, S=9+40dB or -38dBm powerful signal in NE/ME target. Talk on sultan Erdogan - many times mentioned, female voice phone-in talk-interview program. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Dec 16)

7510, **Radio Sedaye Bahar** (Voice of Spring) observed on new schedule at 1900-1930 Th & Fr on 7510-mv, which I presume is their winter schedule (Ex 1730-1800, Th & Fr 7495kch). Good signal here on a clear channel, SINPO = 45444. This radio is also known as "Iran Prisoner's Radio". (Michael Ford-UK/British DX Club)

7510, QSL. I got an eQSL-acceptance letter **Voice of the Martyrs**. November 29, 2016 on 7510 from 1600-1700. E-mail: tfoley@vomkorea.kr. (Alexander Makukhin-RUS, "deneb-radio-dx" RUS dx Dec 4)

15240, **WWRB**, Morrison TN, at 1658 UT M tlk in En abt their Rhombic ant., freq as "15 point 2-4-0 megacycles shortwave", Ugand service, listeners abroad, rpt request, website, etc., and ended asking listeners to stay tuned for their Uganda pgm. Deadair for a min. or so, then R. Munansi on in mid-speech by M. 1704 signal suddenly jumped up in strength. (Dave Valko-USA, via wwdxc BC-DX TopNews Dec 4)

17765, **V.O. the Front for Independent Oromo**, [Radio Front for Independence] (via TDF Issoudun; RMI FMO brokered). Signal on at 1729:45, then 1730 bdcst start w/M giving opening ID anmnt over HoA flute mx. 1731 W anncr, then white noise jammer started but not 100% effective. 1732 HoA instru. mx and W cont. w/ment of radio, Oromo, etc. Not very strong and fady. (Dave Valko-USA, via wwdxc BC-DX TopNews Dec 4)

17850, **V.O. Independent Oromo** (via TDF Issoudun) OC at 1558, 1600 pgm start w/HoA choral music and M w/clear voice-over ID opening anmnt. 1601 anmnt by M w/instru. mx, then feature by W w/ment of democracy, Somalia. M came in, then the severe jamming started at 1604. Fairly good until then. (Dave Valko-USA, via wwdxc BC-DX TopNews Dec 4)

CUBA *Radio Havana Cuba* in English, B-16 schedule, 4 Dec 2016:

0000-0100 on 5040 6165
0100-0200 on 6000 6165
0200-0300 on 6000 6165
0300-0400 on 6000 6165
0400-0500 on 6000 6165
0500-0600 on 6000 6060 6100 6165
0600-0700 on 5040 6000 6060 6100 6165
2000-2100 on 15140
2200-2300 on 11880
2300-0000 on 11880
(Gayle Van Horn-NC/International Shortwave Broadcast Guide - Winter 2016 via TopNews)

At present Cuba has three stations operating on the 60 Meters Tropical Band. *Radio Progreso* on 4765 running 50 kW omnidirectional, *Radio Rebelde* on 5025 with 50 kW 24 hours service to Cuba as primary target area, and *Radio Habana Cuba* on 5040, during part of our local evening hours, also omnidirectional and running at 100 kW. In the not too distant future, as solar cycle enters into its deepest null in activity we may be adding possibly 3350 or near that frequency for Radio Habana Cuba, running at 25 kW or 50 kW with a simple full wave dipole antenna. (Prof. Arnaldo Coro Antich, Senior Consultant and Advisor to the Director General, also Frequency Manager for Cuban short wave services, Host of Dxers Unlimited radio hobby program)

EQUATORIAL GUINEA 5005, *RNGE*, R. Bata (presumed), at brief checks 0421 + 0517, Nov 27, heard definite open carrier, but no audio; a very early sign on for them. (Ron Howard-CA)

ERITREA 7174.8, *Voice of the Broad Masses of Eritrea-2*, Asmara, 1422-1545, from Nov 25 and 26, ex 7180, Amharic, but from 1502 very strong white noise digital jamming from Ethiopia, so this follows! 33333. (Giroletti-Italy and Ivanov-Bulgaria/DX Window) 7174.988, probably Asmara Eritrea, S=6 signal in eastern Thailand at 1527 on Dec 15, and accompanied 7168.2 to 7180.5 broadband data noise jamming, covered by Ethiopian Jamming Service from NISS security service, at Gedja Jawe site. Made in China BBF Beijing transmitter in data mode audio sound, white noise scratching outlet. NOTHING on air on 7146v this afternoon. Ham Radio IARU Bandwatch will NOT BE AMUSED. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Dec 15)

7180.0, *VOBME 2*, brief check at 1428, Nov 24, found

them with fair reception; with 7146.55 (VOBME 1) being off the air. (Ron Howard-CA)

ETHIOPIA 7236.068, is back on their very odd and always 'wandering' TX unit in 41 mb at 1602 on Dec 21 ... wandered up to 7236.087 within 3 minutes time. S=9+20dB signal noted on remote SDR in Doha Qatar ME. (Wolfgang Bueschel-Germany/DXplorer)

FRANCE *Radio Taiwan International* via Issoudun, Nov. 27:

1700-1800 on 9800 ISS Russian Daily
1800-1900 on 11885 ISS French Sun, instead of 1900-2000 on 11875 ISS French Sun, cancelled (DX Mix-Bulgaria)

ETHIOPIA 6030.00, *R Oromiya*, Adama, via Geja Jewe, 0420-0420, Nov 26, Oromo talk, song interlude and radio theatre, 35343. (Petersen-Denmark/DX Window)

GERMANY *DWD Deutscher Wetterdienst* was back again on shortwave on Nov.26-27

0600-0630 on 6180 PIN 010 kW German CUSB
1200-1230 on 6180 PIN 010 kW German CUSB
2000-2030 on 6180 PIN 010 kW German CUSB
(DX Mix-Bulgaria)

German Radio Amateurs Gain Access to 60-Meter Band: On December 21, Amateur Radio operators in Germany gained access to the band 5.351.5 to 5.366.5 MHz with 15 W EIRP, and a maximum bandwidth of 2.7 kHz. Access applies to Class A licensees. Amateur Radio is secondary on 60 meters. "Because a lot of radio amateurs must share this narrow 15 kHz band, everyone should keep transmissions short and avoid lengthy ragchews," the Deutscher Amateur Radio Club advised in announcing access to the new allocation. (ARRL Letter via Ron Hunsicker-PA)

GUAM Frequency change of *KTWR Trans World Radio Asia* (Korea), Dec 8:

1345-1500 NF7510 TWR Korean Daily, ex. 9910
1500-1515 NF7510 TWR Korean Sa/Su, ex. 9910
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 8)

GUINEA 9650, *Rdif. Nationale*, Conakry, *0559-0650, Nov 27, music, French ID, comments, 34433. (Méndez-Spain/DX Window)

INDIA Latest B-16 changes of *All India Radio* External Services:

0100-0200 NF 7380 DEL Sindhi, ex 7370
0130-0230 on 11715 DEL Nepali, cancelled
0215-0300 NF 11670 BGL Pashto, ex 7350
0300-0345 NF 11670 BGL Dari, ex 7350
0315-0415 on 11840 DEL Hindi, cancelled
0400-0430 on 15770 DEL Farsi, cancelled
0430-0530 on 15770 DEL Arabic, cancelled
0830-1135 NF 9950 DEL Urdu, ex 9940
1130-1140 NF 9950 DEL English, ex 9940
0830-1135 on 11620 DEL Urdu, cancelled
1135-1140 on 11620 DEL English, cancelled
1000-1100 on 17510 DEL English, cancelled
1115-1215 on 17510 DEL Tamil, cancelled
1215-1245 on 13695 BGL Telugu, cancelled
1215-1315 NF 9950 BGL Burmese, ex 9940
1300-1500 on 15050 DEL Sinhala, cancelled
1615-1730 on 9445 DEL Hindi, cancelled
1745-1945 on 11580 DEL English, cancelled
2245-0045 NF 6045 ALG English, ex 11710
2245-0045 NF 9445 BGL English, ex 13605

4759.998, *AIR Leh* (not Port Blair, which is OFF actually, thanks to tip of Uwe), poor tiny S=4 signal in eastern Thailand at 1415, low modulation. (Wolfgang Bueschel df5sx, wwdxc BC-DX TopNews Nov 30)

4896.0, *AIR Kurseong*, occasionally this off frequency anomaly happens, as it did today (Nov 29), as noted at 1308; normally, on most days, heard on 4895.0. (Ron Howard-CA)

4970, *AIR Shillong*, at 1056, on Nov 29, with unique AIR IS. (Ron Howard-CA)

5050, *AIR Aizawl*, 1604-1630*, on Dec 9, with a special program in English about a festival in "Nagaland" (must be about the Hornbill Festival going on now in Kohima); several speeches; one about being "morally upright" (today is International Anti-corruption Day); one speaker was from "Nagaland University"; announcer taking about the "Naga culture and customs"; played some indigenous Naga music/chanting; not very readable, but in the clear, as China (Beibu Bay Radio) had already signed off. (Ron Howard-CA)

All India Radio Praised by Indian Government: MUMBAI — Recently, India's Minister for Information & Broadcasting Shri M. Venkaiah Naidu said in a press release that All India Radio plays a signifi-

cant role, providing "tireless service to millions of Indians during natural disasters like the Hud Hud cyclone, devastating floods in Tamil Nadu and the Kashmir deluge." Over the last several years, AIR has also reinvented itself through Digital Radio Mondiale, live streaming of services and if course its mobile app. (We've previously reported on AIR's deployments of new high-power MW transmitters.) Prime Minister Narendra Modi also chose All India Radio to broadcast the "Mann Ki Baat" program, in which he addresses his constituents across the subcontinent. The minister mentioned this during a recent at the Akashwani Annual Awards Ceremony at Manekshaw Centre, New Delhi. Naidu said that All India Radio had excelled in the domain of content creation, technical innovation, news gathering and intrepid reporting "despite odds and challenges," and further "in the era of unbridled and cut throat melee for dishing out sensational uncorroborated news to boost TRPs, All India Radio stands alone for its objective reporting and admirable presentation." (Digital Radio Update)

Flash News: 2 SW Towers of *AIR Chennai* has fallen down in today's cyclone. AIR Chennai frequencies on SW of 7380 (10 kW) & 7270 (100 kW) off air from afternoon of 12th Dec 16 (as their 2 towers have fallen down). (Jose Jacob-India, VU2JOS, DXIndia Dec 12)

Extension of regional SW transmission of NE Services from *AIR Shillong* on 4970. With effect from 15th Dec'16 evening transmission of North East Service on 50 kW regional SW Transmitter of All India Radio, Shillong will be extended on 4970 till 2310 IST (1740). Revised schedule: 0025-0400 and 1056-1740 on 4970. (Alokesh Gupta-IND, DXIndia Dec 14)

INDONESIA 4869.9, Pro 1 *RRJ Wamena*, 1232-1302, Thursday, Nov 24. Kang Guru Indonesia ("KGI") mostly in English, but a few short segments in Bahasa Indonesia; intro by "Ana" & "Greg"; "Kang Guru is here, helping you with English"; this was a repeat of the Aug 25 program that I heard here, in which the segment "Good neighbors make good friends" talked about differences between walking or riding in Australia and Indonesia; semi-readable; certainly one of their better Thursday receptions. (Ron Howard-CA)

KUWAIT Ampegon to Update Shortwave Transmitters for Kuwait RadioSwiss-based company Ampegon has accepted a contract from Al Rashed

to handle the upgrade of five analog shortwave transmitters that are more than 20 years old for the Kuwait Ministry of Information in Al Kabd station. The five transmitters were originally installed between 1992 and 1995. Ampegon will refurbish all of the transmitters, and in addition upgrade three of them to full digital DRM integration and converted to the new transmitter control system UCS; this will include new motor drives within the tuning circuits. Work on the transmitter is expected to start in January 2017. (Radio World NewsBytes)

KYRGYZSTAN REPUBLIC 4010, *Birinchi Radio* Bishkek noted today Dec 10th on 4010.220 at 1204, S=6 in Colombo at 1203, moved slightly to 4010.215 at 1248, S=9 signal, in Russian language, news reader, male voice noted on Mauno's remote SDR in Finland. But suffered heavily by adjacent - likely - European UTE {military?} data sce on 4011.5 to 4015.4, S=9+25dB, 16 x data peaks visible. (Wolfgang Bueschel-Germany, wwdxc BC-DX TopNews Dec 10)

4819.896, *Kyrgyz Radio Birinchi Radio* is back on 2nd TX unit in 60 meterband. 4010.222 at 0227 on Dec 20, S=9+5 or -67dBm strength in Qatar and Calabria Italy remote units. Kyrgyz program female and male presenter and \\ also 4819.896 kHz S=8 or -74dBm signal strength, latter has QRM on even 4820 from PBS Xizang Chinese language, from Lhasa Tibet, western China mainland. (Wolfgang Bueschel-Germany/DXplorer)

LAOS 6130.0, *Lao National Radio* @1156-1203 glad to hear this one 1st time this season and at better than average levels to boot. Big bells and ID at 1200:30. 12/10. (Rippel-VA) 6129.971 Surprisingly ODD fq outlet from Laotian National Radio Vientiane in - I guess - Laotian language, heard these days. S=9+15dB heard in Colombo at 1231 on Dec 10. Co-channel even 6130.0 PBS Xizang in Tibetan (sing-lang) from Lhasa Baiding #602 TX bcst center site. (Wolfgang Bueschel-Germany, wwdxc BC-DX TopNews Dec 10) Noted at 2215 on Dec 25 on remote SDR unit in eastern Thailand: 6129.957 kHz Lao National Radio, Vientiane, in Hmong language spoken program, registered from 2200. S=9+15dB or -57dBm signal. (Wolfgang Bueschel-Germany/DXplorer)

MADAGASCAR 5011.77, *R. Madagasikara* (presumed), 1519-1542, Nov 23. Has been many years since I last heard them here; variety of music;

language sounded right to be them, but too weak to catch an ID. My local sunrise at 1455, their sunset at 1510, so nice grayline reception. (Ron Howard-CA) 5012.3, nice signal from Madagascar now at 0218. Pleasant MOR song with lady vocals. Might be worth checking it out if they play the IS again at 0230-0235. Further proof that they are playing the IS around 0230. Just heard it again at 0227. Now they're in the choral NA again. Boy, if WRMI was just disappear off the face of the earth. Wow, what luck. Not only did Madagascar play the IS again at 0227, but I got a clear ID by the lady announcer at 0231, and then they were kind enough to play "We Wish You a Merry Christmas"!!!! Incredible. I probably haven't IDed them by voice since the early 80's. (Dave Valko-PA) 5007.8, 2105 now and it looks like R. Madagascar has drifted down to 5007.8. Although the signal is fairly strong, I'm not getting any audio. But it's obviously Madagascar as it has that characteristic variable wobbly in the carrier. It it stays down this low, it'll be free of the 5015 WRMI QRM. (Dave Valko-PA) Yes, peak visible up to S=7-8 at 21.35 UT in SDR southern Germany on 5007.814 exact measured, and also same center fq at 2141 on Victor's place in Sri Lanka, and also on remote unit by Uwe in eastern Thailand. (Wolfgang Bueschel-Germany) Madagascar just had their usual drums at 0226 followed by the IS, choral NA, then canned announcements including the ID by the lady announcer again. A regular occurrence around 0230. Then played the classic "Time is Tight" by Booker T. & the MGs!! WRMI was still a pest ruining the ID announcements. (Dave Valko-PA)

Reception of *RTE Radio One* via BaBcoCk Madagascar on Dec.16:

1930-1958 on 5820 English Mon-Fri, weak/fair (DX Mix-Bulgaria)

QSL *Madagascar World Voice* in Russian. Konstantin Chernushenko said that were postcards of Madagascar. Wishes to receive confirmation on these postcards can send reports at the following address: mwvradio@gmail.com. (Dmitry Kutuzov-RUS, "deneb-radio-dx", RUS dx Dec 4)

MOLDOVA Reception reports to PRTC Pridnestrovskiy Radiotelecentr Grigoriopol Maiac, Pridnestrovie Moldova. prtc@idknet.com QSLs from V/S: Sergey Omelchenko, Technical Director of Pridnestrovskiy Radiotelecentr (PRTC). (Wolfgang Bueschel-Germany, wwdxc BC-DX TopNews)

MONGOLIA During a recent visit to the Mongolian Radio Transmitting Centre at Khonkhor, 30 km east of Ulan Bator, the director, Mr. Gantumur Tumurbataar, told me that the domestic SW tx upgrading project, funded by the Govt of Japan, has been completed. New antennas and NEC txs were installed at Ulan Bator-Khonkhor 7260 (50 kW), Altay 4830 (10 kW) and Murun (or Moron) on 4895 (10 kW). Sainshand (4865) will be switched off for good in September after which the three mentioned SW stations will be the only ones to cover the country. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Dec 3) Altay reactivated 4830, Mongolian Radio 2 Altay. Hiroyuki Komatsubara (Japan) first reported their return on Dec 2; only weak audio heard on Dec 7, at 1311 and 1358-1400. (Ron Howard-CA-USA, hcdx Dec 8) Nothing noted on remote SDR units in Tokyo and Gifu City Japan, Dec 9. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews)

MYANMAR 5914.991 *MRMS* Naypyidaw S=9+20dB in southern Sri Lanka remote SDR unit. At 1218 on Dec 10. Female local pop singer heard. Underneath but poor signal co-channel CRI Mongolian language sce, from Huhhot bcst center. (Wolfgang Bueschel-Germany, wwdxc BC-DX TopNews Dec 10)

NEW ZEALAND Revised B16 schedule for *Radio New Zealand Int.*

0000-0258 17675 AM Daily
0259-0458 15720 AM Daily
0459-0758 11725 AM Daily
0759-1058 9765 AM Daily
1059-1258 11610 AM Daily
1259-1650 7355 AM Daily
1650-1758 7285 AM Sat
1651-1745 7285 DRM Sun - Fri
1746-1950 11690 DRM Sun - Fri
1759-1958 11725 AM Sat
1951-2050 15720 DRM Sun - Fri
1959-2258 15720 AM Sat
2051-2258 15720 AM Daily
2259-0000 17675 AM Daily
(British DX Club)

NIGERIA 7255 *Voice of Nigeria*, Ikorodu. Distinctive drum interval signal at sign on in Hausa to Waf at 0600, very good on 29/11. (Adams-Australia/ARDXC)

15120, *V of Nigeria* heard 2 December at 1940 in DRM continuing transmission beyond normal tx closedown at 1930. Language presumed in Fulfulde. (Alan Roe-UK)

PAKISTAN Director General Pakistan Broadcasting Corporation Khurshid Malik has directed engineering wing to accelerate work on installation of transmitters in different parts of the country to make signals of transmissions stronger and clearer. He asked engineering wing to speed up work on installation of a new SW transmitter in Landhi, Karachi and 100 kW medium wave transmitter in Larkana. It was also decided to enhance operating power of 100 kW medium wave transmitter in Multan. 100 kW transmitters in Lahore, Quetta and Mirpur will also be run at optimum level in order to counter cross-border propaganda. (radio.gov.pk 3 November via MET/British DX Club)

PAPUA NEW GUINEA (BOUGAINVILLE) 3325, *NBC Bougainville*, 1150-1156*, Dec 19. Very nice to have them back on the air again, after being off for a while; DJ playing xmas song "Joy to the World"; suddenly off; did not hear RRI Palangkaraya; poor. (Ron Howard-CA)

PHILIPPINES Reception of *Radio Veritas Asia*, Dec. 22:

1330-1357 on 11965 PUG Zomi-Chin
1400-1427 on 11965 PUG Hindi
1430-1457 on 11965 PUG Telugu
(DX Mix-Bulgaria)

RUSSIA Winter B-16 shortwave schedule of *NVK/NBC Radio Sakha*, Yakutsk:

2100-2200 on 7295 IAK Russian/Yakutian Mon-Fri
2100-2200 on 7345 IAK Russian/Yakutian Mon-Fri
2200-0300 on 7295 IAK Russian/Yakutian Daily
2200-0300 on 7345 IAK Russian/Yakutian Daily
0300-0500 on 7295 IAK Russian/Yakutian Sat/Sun
0300-0500 on 7345 IAK Russian/Yakutian Sat/Sun
0900-1200 on 7295 IAK Russian/Yakutian Daily
0900-1200 on 7345 IAK Russian/Yakutian Daily
1200-1400 on 7295 IAK Russian/Yakutian Mon-Fri
1200-1400 on 7345 IAK Russian/Yakutian Mon-Fri
(DX Mix-Bulgaria)

7345, *Radio Sakha*, via Yakutsk, 0423-0500*, Nov 27. Clearly // to very weak 7295; at 0452 the usual "Radio Sakha" ID, followed by the normal series of ads; EZL song till IS (Jew's harp) and time pips (3+1); QRN (static). (Ron Howard-CA)

SOLOMON ISLANDS 5020, *SIBC* extended broadcast on Nov 29, 1310-1321, with non-stop pop songs (no IDs), so not a Wantok FM relay; at 1321 the

music stopped and they just had dead air (open carrier), which was still on the air at 1333 tuned out. (Ron Howard-CA) 9545, SIBC, 0501 to past 0633+, Dec 5. Running well past their normal sign off time; 0501-0530 with brief ABC news and long item about Canadian woman deported from Fiji; IDs 0517 & 0530 "You are listening to Radio Australia"; // RA on 15240, 15415 and 17840; after 0530 no longer //, but with local SIBC programs; pop songs (Cher with "If I Could Turn Back Time," Dr Hook with "Sharing The Night Together," etc.); several commercial announcements in English for "Telekom," one at 0600 incorporating a local time check ("It's five o'clock"); announcer in Pijin; started out poor, but slowly improved. (Ron Howard-CA) 5020, Wantok FM 96.3 relay, 1453-1528, Dec 9. Yet another extended broadcast of playing non-stop pop songs in English, except for the usual frequent IDs; mostly fair. Seems the earthquake there was not too bad, as I have not heard any special programming about it. (Ron Howard-CA) 9545, SIBC, 0438-0511*, Dec 10. Another day with better than normal reception; pop songs (Ellie Goulding with "Love Me Like You Do," etc.); had been wondering if they had any coverage of their earthquakes - YES, 0446-0454 info about what "NGOs and the government" were doing to aid people after yesterday's big quake, and info about today's quake, in Pijin; back to pop songs (Eric Prydz with "Call On Me"); 0500-0505 ABC news & weather (aid being sent to Indonesia after this week's quake there, Solomon Islands hit with another quake today, etc.); after 0505 no longer // to RA, instead went to their own music program till suddenly off at 0511*. (Ron Howard-CA)

SOMALIA Very weak signal of *Radio Hargeysa* on Nov. 26:

1500-1900 on 7120 HAR Somali
(DX Mix-Bulgaria)

7750, *Radio Warsan Somalia* (presumed), 2/11 in VE at 1925 w/song, sermon & s/off at 1934 (Pankov-Bulgaria/ARDXC)

SRI LANKA 9775, *FEBA*, via Trincomalee, *1400-1430*, Dec 26 (Monday). Thanks very much to Dave Valko for the reminder that they have a 15 minute segment in English, on Mondays only. Was able to confirm new schedule today with *1400-1415 in assume Kannada; 1415 Xmas song in English; announcer telling the story of Christmas in English; program ID "Chords of Praise"; sta-

tion ID "FEBA India"; phone number 8050706385; address: "FEBA India, P.O. Box 25066, Bangalore 560025"; announced their new schedule of "Monday at 7:45 PM" (1415); fairly readable even with the normal CNR2/China Business Radio QRM. (Ron Howard, Calif.)

FEBA Radio on 9775 kHz via Trincomalee at new time in winter B-16

1400-1430 on 9775 TRM Vary, ex 1330-1400 as follows

1400-1415 on 9775 TRM Kannada Mon/Fri/Sun

1400-1415 on 9775 TRM Telugu Tue/Wed

1400-1415 on 9775 TRM Malayalam Thu

1400-1415 on 9775 TRM Tamil Sat

1415-1430 on 9775 TRM English Mon

1415-1430 on 9775 TRM Kuvi Tue

1415-1430 on 9775 TRM Malayalam Wed/Fri/Sat

(DX Mix)

SUDAN 7205, Omdurman with powerful S=9+20dB signal in remote SDR Doha Qatar unit, but very low, I guess 5% only modulation level this morning, btw, nothing on air of Asmara Eritrea on 7146v neither on 7175 at this hour. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Dec 10) 7205 even fq. Sudan Radio Omdurman, very low modulation signal noted in Doha Qatar, only 5% mod, but strong S=9+20dB carrier at 0452 Dec 16. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Dec 16)

SWAZILAND Reception of *TWR Africa* via TWR Manzini Dec 10

1802-1902 on 9500 MAN English

1905-1935 on 9940 MAN Lingala

1935-1950 on 9940 MAN French

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 16)

TAIWAN 9774.0, *Fu Hsing BS* (presumed). Extremely rare to catch them on this frequency! Nov 29, 1236-1300*; in Chinese with some music; at times below threshold level audio (but still open carrier); carrier went off at 1300*, conforming to their schedule. Their other 9410 blocked by CNR5, so unable to confirm //. (Ron Howard-CA)

Two afternoon English transmissions from *Radio Taiwan International* observed since start of the B16 period: 1500-1600 As English 11685 1600-1700 SAs English 9405. (British DX Club)

Radio Taiwan International Test DRM: Radio Taiwan International has announced the schedule of its test broadcasts in Digital Radio Mondiale mode to India. The tests will take place over four days from 1 a.m. to 1:15 a.m. in Taiwan, or 5 p.m. to 5:15 p.m. UTC. Radio Taiwan will begin the tests on Dec. 4 (Dec. 3 in India) and conclude on Dec. 7 (Dec. 6). The broadcast programs will be in English and will be at frequency 6185 kHz, a 285-degree angle, and 300 kW. (Radio World International NewsBytes) I haven't seen any reports about the outcome. (RAD)

Frequency changes of **Radio Taiwan International**, Dec 1:

1200-1300 on 9545 TSH Chinese, add.freq
1200-1400 NF 5900 KOU Chinese, ex. 11640
1600-1700 NF 6185 PAO English, ex 9405
2230-2330 on 9735 PAO Japanese, ex. 22-23
2230-0030 on 6075 KOU Chinese, ex. 22-24
2230-0030 on 6105 KOU Chinese, ex. 22-24
2230-0030 on 9450 TSH Chinese, ex. 22-24
2230-0030 on 9900 KOU Chinese, ex. 22-24
2230-0030 on 11635 PAO Chinese, ex. 22-24
2330-0030 NF11600 PAO Vietnam, ex. 11655
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 8)

TAJIKISTAN 4765.069, **Dushanbe Tajik Radio**. Something must be technically wrong these past weeks there. On Nov 27-28 heard a much strong - technically distorted audio signal on odd fq of +68 to +69 Hertz fq oddity. Never observed before from this technically reliable bcast center. Dushanbe-TJK 7245 seems even and in good audio condition these days. I guess only an older USSR era TX is in alternate use these days in 60 meterband on 4765v. Only S=4-5 signal noted in eastern Thailand. (Wolfgang Bueschel-Germany/DXplorer) A lot of DX friends worldwide sent me their RRs in past 3-4 days, and report about technical faulty transmissions of Dushanbe TJK, especially on 60 mb. I guess one of their high-power modern TXs is now on repair work, and an older USSR era alternate transmitter is NOW in use on 60 meter band, its odd frequency of +68 to 69 Hertz oddity, like a 50 kW unit ... Signal strength today, in South and SoEaAsia is much weaker than usual in past decades. (Wolfgang Bueschel-Germany/DXplorer) Today (Dec 2) a VERY TINY MINI signal like threshold level of TJK domestic Radio at Dushanbe Yangi Yul heard on exact 4765.000, around 14.00 - 14.30 on various remote SDRs in Spain, Italy, Hungary, Sweden, Moscow

Russia, Delhi, and Japan. Something is WRONG at Dushanbe, maybe also problems with main power current transformer? Night temperatures predicted in +2 to +5 cC temperatur range there. (Wolfgang Bueschel-Germany/DXplorer)

7520, **National Unity R.** (relay). Found with readable signal at around 1243 w/rel. pgm of M w/KR interpretation of En soundbites. Also some laughing once or twice. Went right over the ToH w/pgm. "Most of the time it didn't work" at 1251. "Everyone was very surprised about these people" and "The UN Forces did not start this group" at 1254. "They were not the founders of the White Tigers group". "To be a Christian is always being behind enemy lines". Went right over ToH with the pgm. (Dave Valko-PA/hcdx Nov 22)

UKRAINE Today, November 30, media reported that the Ukrainian Cabinet of Ministers has been terminated with the Russian government agreement on cooperation in the field of broadcasting and television. In addition, the agreement was terminated in the field of information. It is reported that on November 30 during the meeting of the Ukrainian government. Agreement on cooperation in the field of information between the two countries was signed in 1998. Agreement was supposed to "free and wide exchanges of information, including between the news agencies, printed, audiovisual and other media. (via RUS-DX 4 Dec/TopNews)

UNITED KINGDOM **BBC World Service** English has announced it is significantly enhancing its content, with investment in original journalism; a richer range of programmes on science, arts and global debate; new podcasts and unique content to reach audiences on digital and social platforms. This follows last week's announcement of the BBC World Service's biggest expansion since 1940s, a result of the funding boost announced by the UK Government last year. Mary Hockaday, Controller BBC World Service English, says: "The BBC World Service is a trusted source of news and information for a huge audience around the world - 66 million weekly to the English service - and now we have even more to offer, at a time of unprecedented global change. This funding boost gives us the opportunity to enrich our schedule with a wider range of programmes that reflect the breadth of our listeners' interests, from the big news stories and analysis to explorations in science, innovation, arts and culture. From Syria to the US presidency,

from Nollywood to outer space – our audiences are curious about the world around them and we can offer a new wealth of programmes to respond to their interests and connect people in a global conversation. We're also aiming to attract new and younger audiences, particularly on digital and social platforms." Our primary purpose is to provide accurate, independent news and good information to audiences around the world. We have a very strong array of news programmes. Investment allows us to add to the breadth of our journalism. The announcement by the BBC follows the funding boost of £289 million until 2019/20 for the World Service from the UK Government, announced last year. The BBC Trust and the Foreign Secretary have approved the new language services, in accordance with the Broadcasting Agreement. BBC World Service delivers news content around the world in English and 28 other language services, on radio, TV and digital, reaching a weekly audience of 246 million. (The Eagle Online via Radio World International NewsBytes)

USA Big Changes to U. S. Broadcasting? By Randy J. Stine: A major overhaul atop U.S. federal radio and television broadcasting entities could be on the way. An amendment to a defense spending bill that passed Congress would change the leadership of those broadcasts by placing the five broadcast networks under the control of a CEO with expanded powers who is appointed by the president and requires U.S. Senate confirmation. The amendment would "permanently establish the Chief Executive Officer (CEO) position as head of the Broadcasting Board of Governors (BBG), the federal agency that oversees all U.S.-funded non-military international broadcasting, while removing the nine-member bipartisan Board that currently heads the agency." The amendment to the FY2017 National Defense Authorization Act modifies the United States International Broadcasting Act of 1994 and creates an international broadcasting advisory board to assist the CEO. Critics of the BBG have been beating the drum for an overhaul for years, and BBG has been the subject of some reform efforts already. VOA and the Office of Cuba Broadcasting are taxpayer-funded federal broadcasting entities of the BBG; the board also oversees three grantee organizations: Radio Free Europe/Radio Liberty (RFE/RL), Radio Free Asia (RFA), and the Middle East Broadcasting Networks (MBN). Current CEO John Lansing would remain in his position until a new CEO is appointed by President-elect Donald Trump. The BBG lists its priorities as providing objective news

and information to "priority areas in support of the war against terrorism" as well as regions "where freedom of information is suppressed or denied." (Radio World) President Barack Obama has signed into law S. 2943, the "National Defense Authorization Act for Fiscal Year 2017," which includes a provision to reduce the Broadcasting Board of Governors' (BBG) governing board to an advisory status while making the BBG CEO position subject to a future nomination by the president and vetting and confirmation by the U.S. Senate. While signing the legislation into law, President Obama expressed reservations about several of the 2017 NDAA provisions dealing with the U.S. Department of Defense. President Obama also had some reservations about the amendment dealing with the BBG, but they are not likely to have any practical effect during the waning days of his presidency. It will be up to Donald Trump and his administration to decide how to implement any reforms at the BBG and whom to put in charge of the agency. (BBG Watch via Dan Robinson)

Frequency changes of IBB **Radio Ashna** and **Voice of America**:

Radio Ashna

1430-1500 NF11765 KWT Pashto,ex11940
1500-1630 NF11765 KWT Dari, ex11940

Voice of America

1730-1800 NF11835 SMG Oromo Mon-Fri, ex11955
1730-1800 NF12110 LAM Oromo Mon-Fri, ex12130
1800-1900 NF11835 UDO Amharic Daily, ex11955
1800-1900 NF12110 LAM Amharic Daily, ex12130
1900-1930 NF11835 SAO Tigrigna Mo-Fr,ex11955
1900-1930 NF12110 LAM Tigrigna Mo-Fr,ex12130
(Ivo Ivanov-BUL, hcxd via wwdxc BC-DX TopNews Nov 30)

Reception of **WMLK Radio** Assemblies of Yahweh, Dec.26:

1700-2200 on 9275 MLK English
(DX Mix-Bulgaria)

Fair to good signal of **WMLK Radio** (Assemblies of Yahweh) Dec 14 1700-2200 9275 MLK 250 kW 053 deg to WeEUR English, at 1830 dead air Wrong frequency annmt 9475, instead of 9275 and wrong morning px: 0400-0900. (Ivo Ivanov-BUL, hcxd via wwdxc BC-DX TopNews Dec 11/14)

VANUATU 7259.95, *R. Vanuatu*, 1403-1518, Nov 28. Announcers in vernacular playing pop Pacific Islands songs and C&W songs ("Colder Weather" sung by Zac Brown Band, etc.); sounded like promo for "Voice of Bong Yumi"; some ads; 1420 several clear "Radio Vanuatu" IDs; one of their better receptions; no China QRM, but slight ham QRM; my sunrise was at 1459. 3944.2, after 1401, not hearing Radio Vanuatu at all; not even a trace of a carrier, which has been the case for a while now. "RN2, Radio Nikkei" (Japan) signs off on 3945.0 at 1401*. BTW - Guess I have not been paying enough attention to RN2 IDs, as for a long time in the past they just gave "RN2," but now am hearing mostly "RN2, Radio Nikkei" IDs, which are new to me. (Ron Howard, Calif.) 7259.95, *R. Vanuatu*, 0531-0634, Dec 10. Surprised to hear them so early and with decent signal; 0531-0617 ID and into long interview in vernacular; pop songs; series of IDs at 0621 (something like - Monday and Saturday, Radio Vanuatu, Voice of Tomorrow); nice Pacific Islands song and "Can't Help Falling in Love with You" by Elvis Presley; a very good day for them. (Ron Howard-CA)


VATICAN The role of *Vatican Radio*, traditionally operated by Jesuits, will be less prominent in a new overall Vatican communications strategy, predicts Vatican journalist Sandro Magister of L'Espresso. Vatican Radio has been largely dedicated to short-wave radio broadcasts. But Msgr. Dario Viganò, the prefect of the Secretariat for Communications, plans to focus future efforts on new communications technologies, particularly the social media. (Catholic World News 31 October via MET) Some minor changes to the Vatican schedule given last month with fewer frequencies in use for English to Africa. The updated frequencies are in Broadcasts in English. (British DX Club)

Pope Francis: The Steps of Vatican Reform by Andrea Gagliarducci: At midnight on November 30 the historical Vatican Radio station located within the Vatican walls shut down its broadcasts on medium wave (AM). This is part of a process of broadcast reform that began back in 2012 when the then Vatican Radio Director, Fr. Federico Lombardi, SJ, announced that the Radio was going to cease broadcasting on short and medium waves step by step. In the meantime, the inauguration of the major internet news-portal that will gather Vatican Radio and Vatican TV into one webpage

should come shortly: it is part of the ongoing reform of communication. As the shut-down of short- and medium- wave broadcasting had been foreseen, the question is why the final decision hit the world around the Vatican as a surprise? When planning to leave the leadership of Vatican Radio after many years, Fr. Lombardi emphasized that he had always fought to retain shortwave broadcasting. Alberto Gasbarri, the long-time organizer of papal trips, also underscored the importance of keeping shortwave broadcasting. Behind this discussion, and behind the changes the Vatican is experiencing, lies a clue about what is going on in Pope Francis's pontificate. Transitions scheduled far in advance become difficult, as the Pope seems almost detached from the rest of the Curia, since he thinks independently and on the basis of opinions of people he trusts. Basically, Vatican Radio's switch to the Internet had been already planned, but without considering a complete shut-down of the shortwave broadcasting. Shortwave radio, Vatican Radio experts explain, can reach out more effectively to the poor of the world, because it can be heard in every place in the world and it is almost impossible for broadcasts to be jammed. In the end, they argued, shortwave should be kept for reasons of evangelization. This was Fr. Lombardi's idea, and he also wanted to expand the number of broadcast languages at Vatican Radio. Certainly, the idea was not supported by those who favored reform of Vatican media. (Vatican at a Glance)

VIETNAM 9635.000 even, as stated last week also: *VoVietnam* domestic Vietnamese sce is back on even fq. Was many years using odd channel of 9635.975 to 9636.010 range. (Wolfgang Bueschel-Germany, wwdxc BC-DX TopNews Dec 30)

ZAMBIA 5915, *ZNBC/Radio One*, brief check at 0245, on Dec 8, heard a fair signal with their African Fish Eagle IS, but later (0327) found them already off the air; very irregular schedule recently; assume due to continued national power sharing plan. (Ron Howard, Calif.)

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

Pirate Radio Report

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

Shortwave pirate broadcasting continued at a very brisk pace once again during the past month. Pirate broadcasting inevitably increases around major North American holidays. You ought to make your plans to listen to the increased pirate broadcasting activity that is certain to appear around the Martin Luther King Day holiday, which this year falls on Monday, January 16, 2007. Certain seasonal pirates traditionally transmit during this holiday weekend. It will pay to keep next month's Groundhog Day in mind as well. This year Groundhog Day falls on Thursday, February 2, 2017.

Further, as a result of winter propagation, currently very low static levels make DXing shortwave pirates easier than we experienced during the summer and fall months. The prime DX season of the year has definitely arrived.

Pirate busts by the FCC during the past month continued to be dominated by FM pirates, mostly (but not only) in the New York City area. The overall number of FCC bust actions was smaller than usual during the past month. We begin with a notice of violation that the FCC issued to amateur radio operator Robert C. Dickenson WA7UZG of Lewiston, ID, who received a notice of violation for operating an uncoordinated repeater on 146.52 MHz that had been interfering with other local repeaters. Wilson Montestime of East Orange, NJ received a notice of unlicensed operation for operating an FM pirate on 97.7 MHz from his house in East Orange, NJ. Triview LLC, also known as L1 Networks, received a notice of violation for operating a continuous data channel on WQYH230 in Honolulu, HI on the roof of the Century Square Building on 3650 MHz without authorization. Anthony Johnson of Bronx, NY received a notice of unlicensed operation for operating an FM pirate on 105.7 MHz from 3135 Seymour Ave. in the Bronx.

The 2017 30th Annual Winter SWL Festival is scheduled this year for March 2-4, 2017 at the Doubletree Guest Suites Philadelphia West in Plymouth Meeting, PA. As usual, among the other broadcasting forums will be the traditional annual Pirate Radio forum that includes both a discussion of this year's pirate radio activity oriented to both beginners and veteran pirate DXers. In addition, the official announcement of this year's class of inductees in the North American Pirate Radio Hall of Fame will be officially announced. This annual event always concludes with the traditional broadcast of the V. of Pancho Villa as well. Send in your registration fees by January 28 to be eligible for a radio drawing prize. As usual, the sponsor of the Fest is NASWA. Your editor looks forward to seeing hundreds of NASWA members at the 30th Annual Fest!

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.

Channel Z R. 6150.5 2127-2140 11/27/16 poor w/deep fades. Andy Walker w/prgm of 1960s pop mx. Tnx Stephen Wood tip. (D'Angelo-PA)

Channel Z R. 6925.04 2133 12/10/16 S9+5. Largely a prgm of Xmas mx. (Hauser-OK)

Doctor Detroit 6935 AM 2206-2223 11/27/16 S10=232. Prgm of rock mx w/OM ancr, faded out quickly. (Lobdell-MA)

Liquid R. 6924.96t 2136 11/26/16 good S9. Prgm of dance mx w/slogan of "causin me a heartache. (Hauser-OK)

Old Turkey R. 6950 2339-0000 11/24/16 poor to fair. Pgm of Thanksgiving mx w/OM and YL. (Taylor-WI)

- Partial India R.** 6935 2147 11/28/16 fair. General underseas svc w/Harold Krishna. Parody skits and mentions of Jay Smilkstein. (Taylor-WI)
- Pee Wee R.** 6924.13 0125-0209 12/25/16 fair w/fading. Rock versions of Xmas tunes w/SSTV image at close. (Taylor-WI)
- R. Free Euphoria** 6931.5 0102 12/11/16 S7. Only hrd ID. (Hauser-OK)
- R. Free Euphoria** 5125 0250 12/18/16 poor to good. Confusing reception // WBCQ at first, but later not // w/WBCQ and Euphoria prgming. (Taylor-WI)
- Sekio R.** 6925 2147 11/27/16 poor to sometimes fair. Weak mx & parody sketches w/SSTV images at close mixed w/rap mx. (Taylor-WI)
- Sycko R.** 6950 0221 11/13/16 poor. Weak prgm of rock mx. (Taylor-WI)
- WHYP** 4020 0125-0209 12/25/16 good. James Brownyard w/history of his Xmas shows, incl George Zeller clip abt worst str on shortwave. (Taylor-WI)
- Wolverine R.** 6950 0022 11/27/16 fair. Prgm of rock mx w/some mentions of R. Ga Ga and SSTV digital image at close. (Taylor-WI)
- Wolverine R.** 6950 0053 11/27/16 S9 in noisy band. Prgm of rock mx. (Hauser-OK)
- Wolverine R.** 6940 0048 12/4/16 fair. Prgm of mx w/theme of love. SSTV image at close. (Taylor-WI)
- Wolverine R.** 4020 0125-0209 12/25/16 fair. Prgm of blues mx and Xmas mx. (Taylor-WI)
- WTKY Old Turkey R.** 6950 2335-0006 11/24-25/16 SIO=333. Prgm gobbling turkey and Weird Al Thanksgiving tune. (Lobdell-MA)
- YHWH** 7410 0447 11/17/16. S9 but fading. OM preacher w/Yahweh discussions and criticism of banksters. (Hauser-OK)
- YHWH** 7405 0447 12/2/16. S8. Preacher discussing Yahweh. (Hauser-OK)
- YHWH** 4875 0221 12/7/16. very poor in Brazil QRM. OM preacher as usual. (Hauser-OK)
- YHWH** 5790t 0339-0428 12/15/16. Possibly them w/religion, tnx Tim Tromp tip. (Hauser-OK)
- YHWH** 5771p 0503 12/21/16. Presumed them from familiar preacher's vox. (Hauser-OK) 

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.

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

Radio Free Asia www.rfa.org

EAST GERMANY (Clandestine): Radio Itahika 17870

This QSL was received in 4 days via Media Broadcast. v/s Michael Puetz, Sales Consultant, Business Unit Radio, who confirmed that "The signal is

directed to Rwanda, Uganda, Tanzania, etc." The transmission is on Saturday at 1700 - 1800 UTC on 17870 kHz. (D'Angelo-PA).

Thats it folks. Just one QSL this month. It was suggested to me via Rich D'Angelo that I write a brief history of QSL collecting for the benefit of our members. I have approximately 32,500 QSLs in my collection of which 15,600 are on the international shortwave bands.

I am going to attempt to describe what the early days were like during the Cold War of DXing.

I am asking that any of our members would like to contribute to this effort please contact me. It could be about your favorite QSL, the hardest QSL to obtain, which QSL you prize the most and why.

I believe it would make a tremendous column and bring back many fond memories. I actually remember DXing at 12 years old and standing on my front porch everytime a plane went over my house and wondering if it was a Russian bomber. Such were the times. Until next month...Sam.



Northwoods Radio 2014




Broadcasting Freedom from the Great Lakes

A handwritten signature in cursive script that reads 'Sam'.

Contributors' Page

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

- | | |
|-----------------------------------|---|
| Ed CICHOREK, Somerset, NJ | SW-8, ICF-2010, SX-99, Eavesdropper |
| John COOPER, Lebanon, PA | WR-633DDC, SDR-IQ, 2X ALA1530, SWL sloper |
| Rich D'ANGELO, Wyomissing, PA | RX340, R8B, E1, E5, DX Sloper, Mini-Windom, FL3, ANCA |
| John FIGLIOZZI, Clifton Park, NY | no equipment listed |
| Glenn HAUSER, Enid, OK | FRG-7, DX-398/ATS-909, YB400, ICF SW-07 |
| Ron HUNSICKER, Wyomissing, PA | no equipment listed |
| Sherry PASZKIEWICZ, Manitowoc, WI | NRD-525, Eavesdropper |
| Ralph PERRY, Wheaton, IL | R8B, NRD-545, E1, 355' bi-dir LW |
| Chuck RIPPEL, Chesapeake, VA | WinRadio G33DDC and R390A |
| Dan ROBINSON, Washington, DC | Palstar 30CC, AOR-3030, R8B |
| Alan ROE, Teddington, UK | Winradio G31 Excalibur, ELAD FDM-S2 17m long wire |
| David TURNICK, Sinking Spring, PA | RX340, WinRadio G31DDC, Alpha Delta DX sloper,
49m dipole |
| Gayle VAN HORN, Brasstown, NC | no equipment listed  |

International Band Loggings

5901-30000 kHz

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

- 3310 **BOLIVIA Radio Mosoj Chaski** at 2306, on 16 Nov, in Spanish. There is music along with a male announcer talking. The music stopped with a new male announcer coming on and talking. Poor. (Cooper-PA)
- 3320 **SOUTH AFRICA Radio Sonder Grense** 2147-2203 Nov 13, woman announcer hosting popular music program with talks in the Afrikaans language. IS at 2200 followed by a man with news. Poor to fair. (D'Angelo-PA/FCDX)
- 3320 **SOUTH AFRICA Radio Sonder Grense**, at 0004, on 26 Nov, in Africans. Classical instrumental orchestra music is playing at this time. A male announcer came on and spoke. A new song played with a female singer singing a very slow version of "Ave Maria." Poor. (Cooper-PA)
- 4055 **GUATAMALA Radio Verdad** 1101-1122 Nov 13, a man announcer with long religious talk in the English language followed by choir singing. Fair. (D'Angelo-PA/FCDX)
- 4055 **GUATEMALA Radio Verdad** at 0357, on 22 Nov, in Spanish. A male announcer is speaking briefly followed by instrumental music then the same cycle over and over again. Fair. (Cooper-PA)
- 4765 **CUBA Radio Progreso** at 0215, on 17 Nov, in Spanish. A song sung in English called "The Birds the Word," by the Rivingtons played which was followed by a slow ballad type song in Spanish that originally was produced in English. Fair. (Cooper-PA)
- 4774 **PERU Radio Tarma** at 1025, on 24 Nov, in Spanish. Light background music is playing along with a male and a female speaker taking turns talking back and forth. Fair. (Cooper-PA)
- 4775 **PERU Radio Tarma** 1008-1027 Nov 13, man announcer with Spanish language IDs, talk hosting a program of OA vocals. Fair. (D'Angelo-PA/FCDX)
- 4815 **BRAZIL Rádio Difusora Londrina** 0136-0201* Nov 15, man announcer with a long religious talk followed by a series of announcements including a station ID around 0145. A short mini-religious drama was next followed by more announcements including apparent sign off routine. Broadcast carrier terminated at 0201. Poor mixing with heavy CODAR QRM. (D'Angelo-PA/FCDX)
- 4835 **AUSTRALIA VLBA** 1010-1103 Nov 14, program of vocal selections until ID followed by a woman announcer with ABC news in English language at 1030. Poor. (D'Angelo-PA/FCDX)
- 4835 **AUSTRALIA ABC Northern Territories** at 1033, on 24 Nov, in English. A male announcer is talking with another male speaker along with crowd noise in the background that can be heard. Poor. (Cooper-PA)

- 4865 **BOLIVIA Radio Logos(P)**, at 1045, on 24 Nov, in Spanish. A song with a female singer is playing.. Poor. (Cooper-PA)
- 4875 **BRAZIL Radio Difusora Roraima** at 0340, on 22 Nov, in Portuguese. A song with a male singer was ending with a new song starting up which was slow, sad, and had a female singer.. Poor. (Cooper-PA)
- 4885 **BRAZIL Radio Clube do Para** at 0335, on 22 Nov, in Portuguese. A male announcer spoke briefly followed by a song sung by a male singer.. Fair. (Cooper-PA)
- 4915 **BRAZIL Radio Daqui** at 2258, on 16 Nov, in Portuguese. A song with a male singer is playing. This was followed by a male DJ talking. The station went off the air at 2301 without any warning. FairPoor. (Cooper-PA)
- 4925 **BRAZIL Radio Educacao Rural** at 2251, on 16 Nov, in Portuguese. A male announcer is talking in a long monologue. A new male speaker came on and spoke briefly followed by the same male announcer. A brief musical bridge came on then back to more talk. Poor. (Cooper-PA)
- 4930 **BOTSWANA Voice of America** at 0330, on 22 Nov, in English. A Voice of America Int'l station ID came on followed by a male and a female talking. . Poor. (Cooper-PA)
- 4940 **CHINA Voice of the Strait Gutian/Xincheng** (Fujian), 1106-1134 Nov 13, mix of Chinese language talks and vocal selections. Poor to fair but hanging in there. (D'Angelo-PA/FCDX)
- 4940 **CHINA Voice of the Strait** at 1053, on 24 Nov, in Chinese. A musical interval is playing with a female speaker talkingr. PoorFair. (Cooper-PA)
- 4949 **ANGOLA Rádio Nacional de Angola** (presumed) Mulenvos, 0220-0254 Nov 15, Portuguese language talks by a man announcer sandwiched around several musical selections. Very poor reception and mainly below noise floor but periodically rising above the noise. (D'Angelo-PA/FCDX)
- 5875 **THAILAND Radio Thailand** 1110-1132 Nov 15, Vietnamese program until familiar gongs at 1114 followed by English ID. Carrier cut but returned for opening of Lao program with antenna beam changed. Fair to good. (D'Angelo-PA/FCDX)
- 5875 **THAILAND BBC** 11/22 1342 EG nx (Paszkwicz-WI)
- 5875 **THAILAND Radio Thailand** at 1106, on 24 Nov, in Vietnamese. A male speaker is talking in a long speech. Chimes and bells are playing with a male announcer stating in English the times the program can be heard followed by more chimes and bells playing. A male speaker came on and stated, "HSK9 World Service broadcasting from the Public Relations Department in Bangkok," in English Fair. (Cooper-PA)
- 5910 **COLUMBIA Alcaravan Radio** at 2331, on 23 Nov, in Spanish. A male speaker appears to be preaching as he mentions "Cristo, Maria, and Joseph.". Fair. (Cooper-PA)
- 5939 **BRAZIL Radio La Voz Misionaria** at 2240, on 16 Nov, in Portuguese. A male announcer is preaching in a long monologue in which he is yelling, and talking loud at times. Fair. (Cooper-PA)
- 5940 **BRAZIL Radio Voz Misionaria** at 2324, on 23 Nov, in Portuguese. A male preacher is talking in a long speech with his voice going up and down as he speaks.. Fair. (Cooper-PA)
- 5950 **ETHIOPIA Voice of Tigray Revolution** *0257-0317 Nov 15, familiar IS blending with much stronger Brother Stair. Man announcer with opening announcements in Tigrinya language. Music made it through the QRM but generally poor overall. (D'Angelo-PA/FCDX)
- 5952 **BOLIVIA Emisoras Pio XII** at 0205, on 17 Nov, in Spanish. A male announcer is speaking then a new male speaker came on. A brief musical interlude played followed by more talk with light music in the background playing still. A female speaker came on and started to talk loudly. Fair. (Cooper-PA)
- 5952 **BOLIVIA Emisora Pio XII** at 2350, on 27 Nov, in Spanish. A male and a female announcer were talking which was followed by an instrumental song playing, t. FairPoor. (Cooper-PA)
- 5960 **ALBANIA China Radio Int'l** , 2111-2133 Nov 13, a woman announcer with English program taking about health issues. Good signal. (D'Angelo-PA/FCDX)
- 5960 **ALBANIA China Radio Int'l** 2154-2200* Nov 22, English language program with Chinese language lesson feature. Off in midsentence without formal closedown. Fair to good. (D'Angelo-PA)
- 5960 **FRANCE Radio Japan** at 0325, on 22 Nov, in Japanese. A male announcer is talking. There was a brief musical interlude followed by a new male speaker talking. Fair. (Cooper-PA)
- 5960 **TURKEY Voice or Turkey** at 2310, on 23 Nov, in English. A female speaker is talking about news stories in the Middle East. Fair. (Cooper-PA)
- 5960 **ALBANIA China Radio Int'l** at 2020, on 22 Nov, in English. A panel of speakers are talking about getting documents notarized.. Fair. (Cooper-PA)
- 5990 **CHINA PBS Qinghai** at 2250, on 26 Nov, in Tibetan. Thanks to Dave Valko for the tip on this station. A male and a female speaker opened the program after an instrumental musical loop played minutes before.. Good. (Cooper-PA)
- 6000 **CUBA Radio Havana Cuba** Dec 24 at 0057, RHC Spanish at end of 'Mesa Redonda' diversion, TV audio track, with quite suported modulation. Dead air for a couple minutes, then "Ed Newman" opening English which is equally degraded; wiggle that patchcord! Better but as usual undermodulated on // 6165 (Hauser-OK)

- 6010 **COLUMBIA** *La Voz de tu Conciencia* at 2230, on 16 Nov, in Spanish. Two males and a female speaker are talking back and forth to each other in a long conversation. Fair. (Cooper-PA)
- 6025 **BOLIVIA** *Red Patria Nueva* (T), at 2345, on 25 Nov, in Spanish. A male announcer is talking. PoorJBA. (Cooper-PA)
- 6045 **THAILAND** *Voice of America* 1202-1222 fade out Nov 13, woman announcer with Chinese language program, VOICE OF AMERICA IDs and some music selections mixed with talks. Poor to fair until faded out. (D'Angelo-PA/FCDX)
- 6045 **SOUTH AFRICA** *Deutsche Welle* at 0316, on 22 Nov, in Swahili. A female and a male announcer were talking back and forth to each other.. Fair. (Cooper-PA)
- 6050 **ECUADOR** *HCJB Voice of the Andes* at 0145, on 17 Nov, in Spanish. A male announcer is talking to a female announcer in a back and forth conversation. A new female speaker came on with light music playing in the background. A musical bridge played then a male speaker gave a station ID along with a female speaker who also gave a station ID. Fair. (Cooper-PA)
- 6050 **ECUADOR** *HCJB Voice of the Andes* at 0310, on 22 Nov, in Spanish. Two male announcers are taking turns talking in what sounds like news reports. One of the announcers mentioned "Música," then continued to talk. Fair. (Cooper-PA)
- 6070 **CANADA** *CFRX Radio 1010* at 2221, on 16 Nov, in English. A male and a female announcer are talking about journalism techniques and how people taking pictures with their cell phones are changing journalism ethics with pictures causing people to lose their jobs. Good. (Cooper-PA)
- 6070 **CANADA** *News Talk 1010* at 1742, on 26 Nov, in English. Several commercials were playing to include advertisements for tires, restaurants, mouth wash, motor oil, and public service announcements. Good. (Cooper-PA)
- 6080 **VATICAN CITY** *Voice of America* at 0305, on 22 Nov, in English. A male announcer gave out news headlines with the train wreck in India leading off. ies. Fair. (Cooper-PA)
- 6080 **GERMANY** *Radio Mi Amigo* 6080, Dec 26 at 0002, two very poor signals mixing, making a fast SAH, as I am checking for the Radio Mi Amigo 2-hour special to North America via Nauen. The other one is presumably R. Marumby, Brasil which I expected to be a problem, but even lacking it, there would not be enough signal from Nauen. Sorry, doldrums of solar cycle plus low winter MUFs call for a closer single-hop site, like WRMI. But thanks for trying to keep SW serving North America (Hauser-OK)
- 6105 **TAIWAN** *Radio Taiwan Int'l* (tentative), 2218-2237 fade out Nov 22, nonstop Chinese language talk by a man and woman announcers. Poor to fair but slowly fading down until completely gone. (D'Angelo-PA)
- 6134 **BOLIVIA** *Radio Santa Cruz* at 2216, on 16 Nov, in Spanish. A male announcer was talking. A song with a male singer came on. A new male speaker came on and talked in what sounded like a speech followed by a male announcer talking. (CooperPA)
- 6134 **BOLIVIA** *Radio Santa Cruz*, at2305, on 23 Nov, in Spanish. A female speaker spoke briefly followed by a musical interlude with a male speaker giving a Radio Santa Cruz station ID. . Poor. (Cooper-PA)
- 6145 **GERMANY** *The Mighty KBC* 0138-0200* Nov 20, Uncle Eric with rock music, IDs, ads, requests for donations and reading emails. . Good signal. (D'Angelo-PA)
- 6145 **GERMANY** *The Mighty KBC* at 0002, on 27 Nov, in English. A rock and roll song is playing. A male DJ came on mentioned 100,000 watts. FairPoor. (Cooper-PA)
- 6155 **FRANCE** *Radio Algerienne* 2120-2200* Nov 14, male announcer with Arabic language talk followed by a male vocal selection. (D'Angelo-PA/FCDX)
- 6155 **AUSTRIA** *Oesterreich Int'l*, 0656-0710* Nov 20, man announcer with talk in the German language followed by ID and news at 0700. Carrier cut sharply after the news. Fair to good signal. (D'Angelo-PA)
- 6155 **SOUTH AFRICA** *Channel Africa* at 0258, on 22 Nov, in English. A male announcer welcomed listeners to the show and then a female speaker talked briefly. Poor. (Cooper-PA)
- 6159 **NEWFOUNDLAND** *CKZN* Dec 24 at 2222, JBA signal here in English, no doubt CKZN, which I had not been hearing for a few nights and wondered if they were off like CKZU. Apparently just not propagating. (Hauser-OK)
- 6160 **CANADA (Newfoundland)** *CKZN* at 2207, on 16 Nov, in English. A female announcer was talking about reports concerning Skim and 2% milk being good or nor good for children. Fair. (Cooper-PA)
- 6160 **CANADA** *CKZN*, 2238-2243, 112919. Interview in English with the mayor of Vancouver discussing renewal energy. Discussion of the CBC's business model. SIO 333. (Cichorek-NJ)
- 6160 **CANADA (Newfoundland)** *CKZN* at 2254, on 23 Nov, in English. A female announcer is interviewing another female about a Surfing Contest on the California coast. Fair. (Cooper-PA)
- 6170 **ROMANIA** *Radio Romania Int'l* at 2132, on 20 Nov, in English. A female announcer is giving out news about voting in Romania and the Republic of Moldova for Parliamentary electionst. Good. (Cooper-PA)
- 6170 **NORTH KOREA** *Voice of Korea* at 1124, on 24 Nov, in English. A patriotic sounding song with several female singers is playing. The song ended with a female speaker talking. PoorJBA. (Cooper-PA)
- 6195 **SAO TOME** *VOICE OF AMERICA* at 2150, on 16 Nov, in English. A pop song with both a male and female singer is on. A male announcer came on and identified the song and album which came from the UK. Was identified in a station ID followed by a new song.. Good. (Cooper-PA)

- 6195 **SINGAPORE BBC** at 2201, on 16 Nov, in English. A BBCWS station ID was given by a male announcer. A new male came on and gave news reports concerning the fighting in Syria.. Fair. (Cooper-PA)
- 6195 **SAO TOME Voice of America** at 2125, on 20 Nov, in English. A rock song with a male singer and several female backup singers is playing. Fair. (Cooper-PA)
- 7205 **FRANCE Radio France Int'l** at 2145, on 16 Nov in French. A male announcer gave a RFI station ID followed by a male and a female announcer talking about the elections in the UNITED STATES. They are laughing and talking to each other. Fair. (Cooper-PA)
- 7210 **ALBANIA China Radio Int'l** 2241-2252 Nov 21, Spanish language program with musical features hosted by a woman announcer. Fair to good. (D'Angelo-PA)
- 7236 **ETHIOPIA Radio Ethiopia** Dec 26 at 1438, JBA carrier, off and back on, presumably R. Ethiopia by long path. Nothing from Eritrea (Hauser-OK)
- 7255 **NIGERIA Voice of Nigeria** 2026-2058* Nov 13, a woman announcer with Hausa language talks followed by music segment and man announcer with a station ID. Tribal drums followed before a group discussion commenced. More tribal music toward end of program with the transmission ending suddenly without any closedown announcements. Fair to good. (D'Angelo-PA/FCDX)
- 7300 **UNITED KINGDOM HCJB Radio** Akhbar Mufriha, at 2114, on 20 Nov, in Arabic. A female announcer was giving out web and e mail addresses. Fair. (Cooper-PA)
- 7310 **ROMANIA Radio Romania Int'l** at 2135, on 16 Nov, in English. A news program is being presented at this time with news about Romania and Europe being the top news.. Good. (Cooper-PA)
- 7390 **MADAGASCAR World Christian Broadcasting** at 0248, on 22 Nov, in Spanish. A male speaker is talking about God and the Bible. Fair. (Cooper-PA)
- 7410 **CLANDESTINE (Korea) Shiokaze Sea Breeze** 1302-1319 Nov 15, the last log on the DXpedition was this while the shack was being torn to pieces. . Poor. (D'Angelo-PA/FCDX)
- 7415 **CHINA China Radio Int'l** at 2152, on 22 Nov, in English. A female speaker is talking about the round table program discussions. Radio Free Asia can be heard underneath this transmission in Mandarin BCing from Kuwait but jammed by China Radio Int'l. Fair. (Cooper-PA)
- 7415 **ASCENSION ISLAND Dandal Kura Radio** at 0505, on 25 Nov, in Kanuri. A male announcer with a deep bass voice is talking. He mentioned Obama several time. A female announcer came on and mentioned "Nigeria," and "Boco Harum," while she spoke. Good. (Cooper-PA)
- 7460 **PHILIPPINES Voice of America** at 2225, on 23 Nov, in Kilmer. A female announcer was speaking. . PoorJBA. (Cooper-PA)
- 9345 **ARMENIA TWR** 11/22 1338 weak in lang (Paszkievicz-WI)
- 9380 **INDIA All India Radio** 1152-1158 Nov 15, nice program of Hindi vocals presented by a female announcer with brief talks in the Hindi language. Recheck a few minutes later found the channel open. Poor to fair. (D'Angelo-PA/FCDX)
- 9390 **THAILAND Radio Thailand** *1228-1300* Nov 15, open carrier followed by opening music and English language news program. Nice string of ads encouraging visitation to Thailand including for Bangkok Airways. (D'Angelo-PA/FCDX)
- 9400 **PRIEDNESTROVIE Denge Kurdistan** 11/22 1337 strong in Kurdish (Paszkievicz-WI)
- 9400 **PRIDNESTROVIE Radyoya Denge Kurdistan** at 2115, on 22 Nov, in Kurdish. A male speaker was talking briefly. . Poor. (Cooper-PA)
- 9410 **CHINA China National Radio 5** , 1040-1115 Nov 15, long discussion by two woman announcers in Chinese before top of the hour announcements followed by news. Fair signal. (D'Angelo-PA/FCDX)
- 9410 **AGINAN POINT (Pacific) Radio Free Asia**, 2154-2200, 112916. Choral singing, man in Chinese followed by female vocal. At 2200 4+1 time pips and abrupt off. Poor signal.(Cichorek, NJ)
- 9430 **PHILIPPINES FEBC** 11/22 1335 religious lesson in CH (Paszkievicz-WI)
- 9445 **INDIA All India Radio** at 2054, on 20 Nov, in English. A Hindi style instrumental song is playing at this time. The song is heavy on drums and gongs playing.. FairPoor. (Cooper-PA)
- 9450 **TAIWAN Radio Taiwan**, 2224-2251 Nov 13, woman announcer with talk in the Chinese language followed by a man speaking over instrumental music. Music fanfare at 2230 followed by station ID. Group discussion followed. Fair. (D'Angelo-PA/FCDX)
- 9465 **ALBANIA Radio Tirana** at 2123, on 22 Nov, in English. A female announcer was giving a verbal tour of a city in Albania where tourists go to visitPoorFair. (Cooper-PA)
- 9575 **MOROCCO Radio Medi 1** at 2106, on 22 Nov, in Arabic/French. A song with a male singer is playing. This was followed by a male speaker talking in French. A new pop style song with a male singer came on. There is a lot of QRN on this frequency at this time. PoorJBA. (Cooper-PA)
- 9580 **AUSTRALIA Radio Australia** at 2014, on 22 Nov, in English. A female announcer is interviewing a male speaker from PNG about sex workers being checked by medical authorities on a regular basis with a bill that is in front of the Papua New Guinea Parliament. The speaker stated he is running for a seat on Parliament. He talked about legalizing prostitution. Good. (Cooper-PA)
- 9600 **MADAGASCAR World Christian Broadcasting** at 0130, on 17 Nov, in English. A male announcer is talking about God and how we can live better through him.. FairPoor. (Cooper-PA)

- 9625 **JAPAN NHK Radio Japan** at 2055, on 22 Nov, in Japanese. A male announcer was talking until there were time pips 3+1 at the top of the hour with the station going off the air as scheduled.. Fair. (Cooper-PA)
- 9625 **TAIWAN Radio Taiwan Int'l** at 2314, on 25Nov, in Thai. A male speaker is talking followed by a female speaker talking briefly. There was a brief musical bridge along with more talk by both a male and female speakers. Poor. (Cooper-PA)
- 9630 **AUSTRIA AWR** at 0515, on 25 Nov, in Hausa . A male announcer is preaching in a long monologue. A brief musical interlude played with the same male speaker coming on and talking. Fair. (Cooper-PA)
- 9635 **VIETNAM Voice of Vietnam** 11/22 1330 in Vietnamese, better sig than 9840 (Paszkiwicz-WI)
- 9650 **GUINEA Radio Guinea** Conakry. 2212-2218, 112916. Two men in French. Sounded like a phone interview. References to Guinea. SIO222. (Cichorek-NJ)
- 9650 **GUINEA Radio Guinee** (P), at 2030, on 22 Nov, in French and an unknown language. A pair of male speakers was talking back and forth to each other. Good. (Cooper-PA)
- 9660 **VATICAN CITY Vatican Radio** at 2045, on 20 Nov, in French. A male announcer is talking about the Pope and his work in Africa. He goes on to talk about the teachings of the Catholic Church in Africa. Good. (Cooper-PA)
- 9675 **SAUDI ARABIA Radio Saudi Int'l** at 1950, on 22 Nov, in Turkish. A female speaker was talking. She was followed by a song with a female singer. A new song came on with horns and drums along with a male singer singing in Turkish. Good. (Cooper-PA)
- 9724 **BRAZIL Radio RB2** at 0535, on 25 Nov, in Portuguese. A male announcer is talking with light music playing in the background. Fair. (Cooper-PA)
- 9725 **BRAZIL Radio RB2** at 0002, on 17 Nov, in Portuguese. A male announcer is giving a long station ID with a list of cities where broadcasts can be heard along with music playing in the background. A new male announcer came on and sounds like he is talking about news stories. FairPoor. (Cooper-PA)
- 9740 **THAILAND BBC** at 1143, on 24 Nov, in English. A male announcer is talking along with a female speaker talking to him. A female speaker gave a BBCWS station ID and several program promos. Poor. (Cooper-PA)
- 9765 **NEW ZEALAND Radio New Zealand Int'l** 0956-1012 Nov 14, Man announcer with new about the big earthquake. 5+1 time pips at 1000 as talk about quake continued. At 1002 coverage of US presidentelect Trump. Fair. (D'Angelo-PA/FCDX)
- 9810 **FRANCE Radio Algerienne Chaîne 1** at 2022, on 20 Nov, in Arabic. A male speaker is singing/chanting in what sounds like (P) verses from the Holy Ko'ran. At 2035 he continues to sing/chant. Good. (Cooper-PA)
- 9840 **VIETNAM Voice of Vietnam** 11/22 1325 talks in Indonesian (Paszkiwicz-WI)
- 9900 **EGYPT Radio Cario** Dec 26 at 2217, weak off-frequency carrier with whine, but no modulation audible. Surely it's R. Cairo, 2115-2245 English to Europe as scheduled on 9900 per WRTH 2017; alternate frequency is 9800, nothing heard. But also seems to be an even weaker carrier on 9900 even (Hauser-OK)
- 9915 **UNITED KINGDOM BBC** at 1810, on 26 Nov, in English. Two BBC commentators are interviewing a male speaker concerning world events and news. Fair. (Cooper-PA)
- 9940 **SWAZILAND TWR Africa** at 1940, on 22 Nov, in French. A female announcer is talking. She gave out web addresses and e mail addresses for communication from listeners. FairPoor. (Cooper-PA)
- 11580 **UNITED STATES Radio Ukraine Int'l** . 0205-0235 Nov 20, mailbag program in the English language reading reception reports followed by IDs and other Saturday evening features. Changed over to Radio Prague English language programming at 0230. Fair to good signal but moderate fading. (D'Angelo-PA)
- 11640 **MALI China Radio Int'l** (P), at 1915, on 22 Nov, in Arabic. A male speaker was talking in Arabic. He was followed by a new male speaker talking, and then a brief musical interlude played followed by the same male coming back on and talking. Fair. (Cooper-PA)
- 11680 **ZAMBIA Voice of Hope Africa** at 0544, on 25 Nov, in English. A rock/pop style song in English was playing. A male announcer came on and introduced Pastor Shockley who started talking about a war in the Middle East between Israel, Russia, and the USA referencing The Book of Revelations in the Bible. Good. (Cooper-PA)
- 11710 **ARGENTINA RAE** at 0233, on 22 Nov, in (P), French. A female announcer is speaking. A male speaker spoke briefly followed by a bass instrument playing a few notes then back to the female speaker talking. An instrumental song started to play with a piano as the main instrument. The audio is very bad and there is static on this frequency. PoorJBA. (Cooper-PA)
- 11725 **NEW ZEALAND Radio New Zealand Int'l** at 0619, on 25 Nov, in English. A rap style song talking about Dr. Frankenstein is playing with a male singer and male backup singers. t. Good. (Cooper-PA)

- 11750 **GERMANY AWR** at 1905, on 22 Nov, in (P), Wolof. A male announcer was talking in a long monologue. A new male speaker came on and talked followed by an instrumental interlude with piano music.. Fair. (Cooper-PA)
- 11760 **CUBA Radio Havana Cuba** at 1735, on 26 Nov, in Spanish. A male announcer is talking about Fidel Castro, his life, and his accomplishments. Good. (Cooper-PA)
- 11764 **BRAZIL Super Rádio Deus é Amor** 02230251 Nov 13, man announcer with long religious talk. Poor to fair. (D'Angelo-PA/FCDX)
- 11764 **BRAZIL Super Rádio Duz e Amor** at 2355, on 16 Nov, in Portuguese. A female announcer is speaking in a long monologue. There is the beginning of a musical interlude playing faintly in the background as she is talking. There is QRM from RHC on 11760. Fair/Poor. (Cooper-PA)
- 11764 **BRAZIL Super Rádio Deus e Amor** at 0225, on 22 Nov, in Portuguese. A male announcer is talking in a long monologue with light music playing in the background.. Good. (Cooper-PA)
- 11780 **BRAZIL Radio Nacional Brazilia** at 0215, on 22 Nov, in Portuguese. A fast paced salsa style song was playing with a male singer which was followed by a slow sad song with a female singer with no talk between songs.. Good. (Cooper-PA)
- 11790 **CHINA China Radio Int'l** at 2350, on 16 Nov, in English. A male announcer is talking about the value of the US dollar compared to other world currencies and how this affects China's trade deficits. A female announcer is interviewing him. Fair. (Cooper-PA)
- 11800 **SOUTH AFRICA AWR** at 2012, on 20 Nov, in French. A male announcer is preaching, talking in a long monologue. A new male speaker came on with light music playing in the background who talked about if you have problems, turn them over to God. Fair. (Cooper-PA)
- 11815 **BRAZIL Radio Brasil Central** at 2340, on 16 Nov, in Portuguese. A pop song with a female singer is playing. A female announcer came on and gave a station ID followed by a new song playing with another female singer. . Fair. (Cooper-PA)
- 11815 **BRAZIL Radio Brasil Central** at 0150, on 22 Nov, in Portuguese. A female announcer introduced a song with a male singer. There was a station ID given by a male speaker and the mention of Radio Nacional followed by a slow song sung by a female singer. Fair. (Cooper-PA)
- 11855 **BRAZIL Radio Aparecida** at 0145, on 22 Nov, in Portuguese. A male announcer was talking and mentioned Radio Nacional several times. A new male announcer introduced a speaker who came on and started to talk after a brief musical interlude. Poor. (Cooper-PA)
- 11860 **SAUDI ARABIA Rep. Yemen Radio Sana'a**, at 1730, on 26 Nov, in Arabic. A male announcer was talking. It sounded like a listener called into the station as he is now talking to the announcer who is acknowledging his talk and asking him questions. Fair. (Cooper-PA)
- 11900 **SOUTH AFRICA Voice of America** at 1855, on 22 Nov, in Amharic. A female announcer is talking at this time. A brief musical interlude came on followed by a male speaking. He gave a Voice of America station ID and addresses for correspondence.. Fair. (Cooper-PA)
- 11925 **BRAZIL Radio Bandeirantes**, São Paulo, 2140-2206 Nov 13, two male announcers with long animated Portuguese language talk. Poor but steadily improving signal. (D'Angelo-PA/FCDX)
- 11925 **BRAZIL Radio Bandeirantes** in Portuguese, at 0135, on 22 Nov, in Portuguese. Both a male and a female speaker were talking back and forth to each other. . Fair. (Cooper-PA)
- 11925 **BRAZIL Radio Banderiantes**, Dec 26 at 2226, enthusiastic Brazuguese talk, maybe a game, VP weak S3, so R. Bandeirantes has normalized its frequency which has been on 11925.2 for months. Next up the dial, Rádio RB2, is still split on 11934.68, S2. 11925.0 again after 0230 check Dec 27 (Hauser-OK)
- 11934 **BRAZIL Radio Clube Paranaense** at 0130, on 22 Nov, in Portuguese. A male announcer sounds like he is preaching in a long monologue talk with "Cristo," being stated several times. A female listener called into the station and started to talk to the announcer. Fair/Poor. (Cooper-PA)
- 11980 **AUSTRIA AWR** at 2107, on 16 Nov, in English. Two male announcers were discussing Bible parables and how we should conduct our lives in reference to the teachings of the Bible. Fair-Poor. (Cooper-PA)
- 12019 **VIETNAM Voice of Vietnam** at 2320, on 16 Nov, in Indonesian. A female announcer is talking. She was joined by a new female speaker. A musical interlude with a male announcer came on with what sounded like a (P) station ID. This was followed by more talk by the same female announcer. Poor. (Cooper-PA)
- 12035 **TURKEY Voice of Turkey** 11/22 1352 good sig in English (Paszkiwicz-WI)
- 12050 **CLANDESTINE (Nigeria) Radio Dandal Kura** Ascension Islands, 2032-2059* Nov 14, two men in heated discussion in Kanuri language underneath WEWN (in Spanish language) but much of the time surprisingly clearly heard. . (D'Angelo-PA/FCDX)
- 12095 **ASCENSION ISLAND BBC** at 2100, on 16 Nov, in English. A program promo played for Hard Talk after several time pips and a BBC station ID. Top news headlines and reports came on with Syria being the lead off concerning attacks on Aleppo. Fair. (Cooper-PA)

- 12095 **ASCENSION ISLAND BBC** at 2002, on 20 Nov, in English. A male and a female announcer are presenting news headlines with the lead off news being about Trump and his choices for his administration. A BBCWS station ID as given. Fair. (Cooper-PA)
- 13730 **MADAGASCAR NHK World Japan** at 1755, on 26 Nov, in Swahili. A male and a female announcer are talking back and forth with each other. This was followed by a brief musical bridge then more talking as in a skit or they are telling a story. Good. (Cooper-PA)
- 15105 **BANGLADESH Bangladesh Betar** *1228-1237 Nov 13, IS poking through but opening of program completely in the mud. Only music seemed to make it through the bad conditions today. (D'Angelo-PA/FCDX)
- 15220 **USA Voice of America** at 2125, on 23 Nov, in French/Creole. A male announcer was speaking followed by a selection of back to back lively instrumental songs. Good. (Cooper-PA)
- 15235 **SOUTH AFRICA Channel Africa** 1701-1800 Nov 13, English language program with news followed by African Digest with features about continental Africa. Seemed to change language at top of the hour although I didn't stay with them at that point (scheduled to leave the air at 1800). Poor. (D'Angelo-PA/FCDX)
- 15240 **CLANDESTINE (Uganda) Radio Munansi**, 1626-1720 Nov 19, thanks to a tip from Dave Valko this was noted with tribal vocals and drums before a man began a long talk in the listed Luganda language. (D'Angelo-PA)
- 15240 **USA WWRB Radio** Munansi, at 1720, on 26 Nov, in Luganda/English. An African style song with a female singer was playing followed by an Afro Pop style song with a male singer. A new song with a male singer played. FairPoor. (Cooper-PA)
- 15345 **ARGENTINA RAE** at 2010, on 16 Nov, in French. A male announcer was speaking. A musical interlude came on with a male and a female speaking talking. JBAPoor. (Cooper-PA)
- 15355 **PHILIPPINES Radio Veritas Asia** at 2311, on 16 Nov, in Filipino. A male announcer is speaking. A brief musical bridge came on followed by the same male speaking again. Poor. (Cooper-PA)
- 15360 **FRANCE Voice of Amhara Radio** at 1710, on 26 Nov, in Amharic. A male announcer is talking in what sounds like news stories he is reporting. Poor. (Cooper-PA)
- 15480 **MADAGASCAR AWR** at 1954, on 20 Nov, in Arabic. A male and a female announcer were talking. A musical bridge played followed by an AWR station ID given by a female announcer. Fair. (Cooper-PA)
- 15580 **BOTSWANA VOICE OF AMERICA** at 1950, on 16 Nov, in English. The VOICE OF AMERICA learning English program is on. Good. (Cooper-PA)
- 15580 **BOTSWANA Voice of America** at 1930, on 20 Nov, in English. A male announcer identified himself as "Larry London," presenting "The Hits," on Voice of America. This was followed by light news headlines. A Voice of America promo came on with news about President Elect Trump, and news from around the world. Good. (Cooper-PA)
- 15620 **ENGLAND Voice of America**, 1621-1702 Nov 13, Somali language program with numerous IDs, VOICE OF AMERICA jingle slogans and news items. Fair to good. (D'Angelo-PA/FCDX)
- 17570 **MADAGASCAR AWR** at 2001, on 16 Nov, in (P) Mossi. A male and a female announcer were talking. Good. (Cooper-PA)
- 17640 **MADAGASCAR Madagascar World Voice** 1823-1855* Nov 13, Henry Huffard hosting African Pathways program with popular music selections, History On This Date, short religious talks and magazine style program features. Off rather suddenly. Good signal. (D'Angelo-PA/FCDX)
- 17730 **CLANDESTINE (Sudan) Eye Radio** 1641-1659* Nov 13, man announcer with Arabic language talk with numerous mentions of "Sudan". Several "Eye Radio" station IDs. Discussion between a man and woman announcers. Poor to fair. (D'Angelo-PA/FCDX)
- 17765 **CLANDESTINE (Nigeria) Manara Radio**, 1613-1640 fade out Nov 20, a man announcer with a long talk in the Hausa language. Brief instrumental vocals followed by another man ending the program segment. However, another man began another long talk. Poor to fair until completely faded out. (D'Angelo-PA)
- 17765 **FRANCE Manara Radio** at 1645, on 26 Nov, in Hausa. A male announcer is talking in a long speech. A new male speaker came on and is talking. The station went off the air at 1658. Poor. (Cooper-PA)
- 17780 **SOUTH AFRICA BBC** at 1225, on 24 Nov, in French. A female speaker was talking along with a female announcer. Fair. (Cooper-PA)
- 17800 **SOUTH AFRICA AWR** at 1955, on 16 Nov, in Fulfulde. A female speaker spoke briefly followed by a male speaker talking. Instrumental music played until the station went off the air at 2000 as scheduled. Good. (Cooper-PA)

**30th (II) Anniversary
Winter SWL Fest
Sponsored by NASWA**

March 2nd-4th, 2017
Doubletree Guest Suites
640 Fountain Road, Plymouth Meeting, PA

Special 3-day edition: Attend your favorite forums Thursday, Friday and Saturday! Enjoy meeting with your friends in the Hospitality Room. Bring radio related items for the swap meet or to donate for the Silent Auction. Check out your friends' receivers; bring one of your own for others to try!

No frills; just shortwave, longwave, mediumwave, pirates, and scanning. Once again you will enjoy the camaraderie of your hobby friends.

Please note, there is an incentive for you to pre-register, as prices are more expensive for those who wait. Registration options are also more flexible than in the past, with new one-day and student registrations. **If you wish to participate in the banquet, you must complete registration and payment by Friday morning, March 3rd.** If you choose not to participate in the banquet, there are many nearby restaurants.

Your registration must be postmarked by January 27th, 2017 for the best prices; registrations posted after that date are priced higher. See the registration form below.

GRAND PRIZE To be announced

SPECIAL Register early to win a sw portable! One free entry for an early-bird registration postmarked by January 20, 2017.

Please bring items for the Silent Auction. At least half of the proceeds are donated to charity.

Checks should be made payable to WINTER SWL FEST. Register directly with the hotel for your rooms by calling the Doubletree at (610) 834-8300. For 2017, the rate is **\$109** single or double, including breakfast; the rate for 3 or 4 is slightly higher. To get this rate you **MUST** tell the hotel staff you're with the WINTER SWL FEST. **You can also reserve your hotel room online; check for the link as well as updated Fest info, at the WINTER SWL FEST Web Page at <http://www.swlfest.com/> or from <http://www.naswa.net/>.**

The Doubletree Guest Suites is conveniently located near the interchange of I-476 and I-276, at the I-276 Norristown exit (#333). Limo service is available from Phila. Intl Airport directly to the hotel.

Online registration available via PayPal – See <http://www.swlfest.com> for details!

If you aren't completing the online registration, please submit the following form with your registration amount or send for more information to:

NEW ADDRESS!! WINTER SWL FEST, P.O. Box 3292, Allentown, PA 18106 **NEW ADDRESS!!**

NAME: _____ (SPOUSE'S NAME) _____

ADDRESS: _____

CITY/ST/ZIP: _____ E-MAIL: _____

(REQ. FOR REG. CONFIRMATION)

CHECK ONE OR MORE

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JANUARY 27, 2017:

- Full (\$85)
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RAFFLE TICKETS:

- raffle tickets, please (\$1 ea./ 6 for \$5/ 13 for \$10)
- Registration Fee Enclosed \$ _____
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- Total Check/Money Order \$ _____

Cancellations after February 11, 2017 cannot be refunded, however we will refund raffle ticket money if you have to cancel.

For more information, visit <http://www.swlfest.com>

On the Shortwaves

www.ontheshortwaves.com • Devoted to the history of shortwave broadcasting and the shortwave broadcast DXing hobby

< www.ontheshortwaves.com > Update, November 27, 2016 -- **Test Transmissions-III** - Under "DX History/Recordings," we have posted three more recordings of shortwave test transmissions of the past. (1) The first is a test from the Imo Broadcasting Service, Owerri, Nigeria, 4755 kHz., heard on May 20, 1979 at 2259 UTC. (2) The second is from "Super Rock" KYOI, Saipan, Marianas Islands, 11900 kHz., heard on December 18, 1982, 1159 UTC. "Yoi" means "good" in Japanese (Japan was the country's target zone). The programs were prepared in California. KYOI was not a commercial success--the boom in Japanese shortwave listening had already passed. The Christian Science Church bought the station in 1987; it later became KHBI. (3) Finally, we have a recording of Adventist World Radio, Madagascar, during a special test broadcast on May 3, 1998, 0300 UTC, 3215 kHz., 7.5 kw. This was an interesting event, as powerhouse WWCW, which used the frequency at the same time, agreed to clear the channel for a half hour so that AWR could be heard on May 3 and again on May 10. We have posted some entries from the Numero Uno newsletters from April 12-May 17, 1998, which give the background to the tests. The recording contains the WWCW sign off at 0257, and the AWR programing as heard (poorly) at 0324 [:22].

< www.ontheshortwaves.com > Update, December 4, 2016 -- We have made many changes to our "DX History on the Net" page. We have updated URLs where they have changed and where we know the new URL. We have revised the content of four entries and incorporated within them some new sites. These are: First Transatlantic Ham Contact; Radio Row; National Voice of America Museum of Broadcasting; and Early Sound Recording. They are marked "Revised," in red, at the end of the entries. And we have added nine new entries (marked "New" in red). They are: U.K. and Gerald Marcuse; Radio Australia, Darwin; Solomon Islands Broadcasting Service; Station Recordings-II; The Broadcasting Fleet; Spectres of Shortwave; Paul Litwinovich on Vintage Radio; BBC Waveguide; and Virtual Museum, of Radio Communications-Utilities. Check out the specific entries for details. -- And under "Specialized Resources/Wavescan," we join Adrian Peterson in celebrating "Three Radio Anniversaries in India" (Wavescan N405, November 27, 2016).

< www.ontheshortwaves.com > Update, December 11, 2016 -- For those who like to keep an eye out for shortwave radios in the movies, we have posted under "DX History/Equipment & Advertising" a lobby card for an oldie entitled "Submarine Alert," a 1943 film starring Richard Arlen and Wendy Barrie. From Netflix: "When FBI radio engineer Lee Deerhold (Richard Arlen) is fired from his job, he's unaware that his termination is part of a larger plot by the feds to have him unwittingly infiltrate a gang of Nazi saboteurs who've developed a powerful new transmitter. By the time he learns that he's been used by both the FBI and the Nazis, Deerhold may be in too deep to escape. Wendy Barrie and Nils Asther co-star in this tale of World War II-era paranoia." That looks like a Hallicrafters S-9 or SX-9 Super Skyriider, c. 1936, a little old for World War II work. Apparently both Arlen and Der Bingle knew something about shortwave, as shown by the story, "Radio Stars are DX Rivals," from the October 1934 issue of RADEX, reproduced below the lobby card. -- And from Adrian Peterson we have this new "Wavescan" entry under "Specialized Resources": "The Radio Scene at the World's Largest Clock [China]," Wavescan N406, December 4, 2016.

< www.ontheshortwaves.com > Update, December 18, 2016 -- Under "DX History/Lists, Logs, Guides & Columns," we have posted the Manufacturers Life Insurance Company DX map, from 1940. What makes this otherwise ordinary world map interesting to DXers is the table of "Principal Short-Wave Stations of the World" shown in the lower right-hand corner and containing call letters, frequencies and map coordinates for many stations. The exact origins of this map are unknown, but it may have had something to do with GE station W2XAD, which seems to have been set apart for special treatment just to the left of the table. If you look closely at the map you will see indications of things, usually products, associated with various countries, e.g. "Wool, Tallow, Sealskins" for the Falklands, "Dates, Feathers" under Libya, "Coffee, Sugar" in Venezuela, and my favorite, above Kirgiz Kazaks, B14, "Caravan Traffic by Camels."

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45 Wildflower Road
Levittown, Pennsylvania, 19057

ISSN 0160-1989



The Journal of the
North American Shortwave Association

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