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VOLUME LVIII NUMBER 2

FEBRUARY 2018



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NASA Notes

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

As a club, we are lucky to have people willing to do the difficult volunteer work that needs to get done on a daily basis. Two of these people are celebrating 40 years on the job. *QSL Report* editor **Sam Barto** took over the column in February 1977 from a young column editor named **Bill Oliver**. Bill moved over to handle publishing and business manager duties. Four decades later we still have these two club legends busy at work serving the membership. Thanks guys and congratulations on decades of outstanding performance for the membership. I just signed your renewal contracts for another forty years!

Don't forget to register for the upcoming Winter SWL Festival which will once again be held in Plymouth Meeting on 1-3 March 2018 at the Doubletree Guest Suites Philadelphia West, Plymouth Meeting. This is the 31st edition of the Winter SWL Festival. Our hosts, **Rich Cuff** and **John Figliozzi**, have arranged another excellent program that should keep radio oriented people occupied for a few days. If you haven't registered or made hotel arrangements, I wouldn't delay any longer. As usual, I look forward to seeing many of our members at this great radio gathering.

This month's cover celebrates the many names used by the international broadcaster from the People's Republic of China ... Radio Peking, Radio Beijing and now the much more pedestrian China Radio International. Somewhere in the shack I probably have a couple of Radio Peking station pennants. I am sure that my copy of *The Little Red Book* featuring quotations from Chairman Mao is long gone. That was a familiar handout

back in the day. Publisher Bill Oliver remembers the book too as well as the Great Leap Forward which managed to thrust severe famine upon the average Chinese common folks. As usual, thanks to **John Herkimer** who prepared the cover.

Thanks to "**A.J.**" **Janitschek** of Radio Free Asia (RFA) we learn of their new 66th QSL card. This latest design commemorates the 2018 Winter Olympic Games in PyeongChang, Republic of Korea scheduled for February 9-25, 2018. The Games always bring people together from around the world in peace and harmony to respect universal moral principles. This new design shows an adaptation of RFA's first panda design originally used for the 2008 Beijing Olympics. This updated version of the original design adds a winter cap stylized to match the Games. This QSL design is used to confirm all valid reception reports from January - April 2018. RFA encourages listeners to submit reception reports. Reception reports are valuable to RFA as they help the station evaluate the signal strength and quality of their 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 DX'ers, 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.

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



Unity and Friendship

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 February 21, 2018.

Ronald Sives, 1126 S. 9th St., Plainfield, NJ 07080

What a difference a year makes. Last year at about this time, I was grouching about not getting good results when submitting loggings on paper via snail mail. Now I'm a regular contributor to the JOURNAL and the FLASHSHEET. What inspired the change? Well, I can thank T-Mobile for their new 55+ plan. My wife and I purchased the new phones in June. Originally, our monthly plan was going to run us over \$120. But less than three months later, T-Mobile introduced their new plan, no doubt to attract older customers to the more sophisticated devices, by offering unlimited data plans at \$40 per line. So now, with a few extra minor add-ons, it adds up to \$84.

Now, I'm no shill for the company. I'm just telling it like it is. We did have an unlimited plan before; it had just gotten better. Coincidentally, it was right about this time that I started paying attention to the FLASHSHEET. The phone is my only computer, per se. My wife worked on computers for years, but I was very reluctant to get involved in anything high-tech. However, now that I can experience this first hand, I can see how helpful this can be for me. Rather than shun it, I have learned to accept it. I don't like to say I "embrace" these changes. I think of it as self serving.

I find myself getting to be talkative here now, so I will finish by saying that this all worked out better than I thought. The radio club members with whom I have had contact with have all been helpful and cordial. Thanks to all.

73s,

Ron Sives

Vincent E. Henley, vincehenley@earthlink.net, Washington State In Defense of Knobs

I have a confession to make. I am a knob twiddler. Yes, I know, this is not the modern concept for control, that being more mouse and click these days, but I hang on to the old ways. Sometimes the new ways are not better ways.

I've been in the ham radio and SWL DXing game for significantly more than sixty years and have seen considerable evolution in the equipment we use to pursue our arcane hobby. My first HF general coverage receiver was a Hallicrafters S-38B that covered from the MW AM broadcast band through 32 MHz and was so unstable that if you bumped the table the radio sat on, the frequency would change. That radio had five knobs, a few switches, and I twiddled with all of them, wishing that I had more. Surely, I reasoned, that if the radio had more knobs, I could hear things better, even given that in those days Radio Moscow could be found up and down the bands nearly every fifty KHz layered with powerful broadcasts from literally dozens of other countries at any given time.

Fast forward to the twenty-first century. Modern radios have shrunk and no longer glow in the dark and warm a cold room on a winter's night. Their displays now cast ghostly hard shadows in shades of yellow, blue, green, and red, depending on the model and the preference of the manufacturer. No more dials illuminated with the yellow glow of a pilot light with a genuine hot filament. With few exceptions, the knobs have all but disappeared. Software Defined Radios (SDRs) have no knobs at all, except perhaps for a simulated one on a computer screen, which is a poor substitute for the real thing. Hybrid SDRs may have a few knobs. My ICOM R-8600 has four of them, all controlled by menus and doing only one thing at a time. It's sad. The kinesthetic experience of finely tuning and enhancing a weak or garbled signal is just not the same with a mouse click or touch screen as it is with a variable pot, a rotary encoder, or a variable capacitor, and frankly, in my experience, the results are nothing like as good. Looking around the room, and counting knobs (concentric controls count as two knobs) I find the following inventory of knobs to be twiddled.

Tecsun PL-880	three knobs
ICOM R-8600	four knobs
ICOM R-75	five knobs
Ten-Tec RX-340	six knobs
Drake R8-B	seven knobs
JRC NRD-525	nine knobs
ICOM IC-756 Pro II	ten knobs
Kenwood TS-940S	nineteen knobs
Kenwood TS-990S	twenty-eight knobs

This isn't the entire inventory, but it does provide a sample. With one exception, I've excluded the small portables and some of the more specialized receivers. These tend to have between two and seven knobs.

Now, to be fair, some of the above are Amateur transceivers and some of the knobs control characteristics of the transmitter section, but still, the experience of using these as general coverage SWL DX receivers is superior to those starved of knob real-estate.

I recognize that I have an addiction to knob twiddling and I have started a self-help organization called KTA, or Knob Twiddlers Anonymous. Unfortunately, despite my own self-diagnosis, I fear that the addiction is incurable, and can only be partially treated by purchasing equipment with more knobs. May the manufacturers recognize the importance of knob therapy and ensure that the correct medication is always available for purchase.

Vince Henley, charter member, KTA

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



NASWA Facebook Page

Join moderator **Richard Murphy** <richard.murphy@swri.org> at the club's Facebook page which provides members with another way to keep in touch. This group is intended for social interaction between the club members. Group members must be NASWA members. Comments and suggestions from the membership are welcome. To locate the NASWA Facebook page, simply enter "North American Shortwave Association" into the search box. If you are into social media, give it a try.



Listening Review

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

Hello and welcome to Listening Review for February.

There are times when I would just like some music to play as background whilst I do other things – such as write this article. On those occasions, I have several “go-to” stations to try.

Number one choice on shortwave in the evenings or overnight (if I am having a sleepless night) is **Voice of Greece** on either 9420 or 9935kHz. One or other of these frequencies can often be heard from around 1900UT to 0800UT with a wide range of music played. However, at present transmissions are somewhat irregular, frequently with either an earlier or later start or finish, or simply missing completely.

My number two choice is the Turkish service of the **Voice of Turkey**. 15350kHz is a good option for me between 0700-1400UT and 5980 or 6120kHz between 1700-2200UT. This station plays a fine selection of Turkish songs much of the time, although there are speech programs and sport (football in the evenings) during some of these periods.

My number three choice is currently **All India Radio** on 11560kHz which is providing a great signal for its Dari service 1330-1415UT and Pashto from 1415-1530UT. Both services consist predominantly of Hindi music (with some news programs included), and I have been enjoying these programs for the last few weeks. As an alternative AIR's Sindhi service from 1230-1500UT on 9620kHz, also with predominantly Hindi music has been making it here with good reception recently.

Of course, there are also programs at specific times/days that I try to make a point of listening, and I must mention here the weekends at 1500UT on 9400kHz via Bulgaria, where I enjoy some great classic oldies with **The Giant Jukebox** on **The Mighty KBC** on Saturdays, and **From**

The Isle of Music with fantastic variety of Cuban music, including jazz, disco a classical music on Sundays.

I have compiled a list of music programs in a variety of languages (an extension of the selection in English programming which appeared in December's NASWA Journal). I have uploaded the extended list as a PDF file to the files sections of the NASWA Yahoo Group and Facebook page. If you do not subscribe to these, then I can send you a copy by email – just send me a request to alan-roe-sw@lmail.com.

However, aside from shortwave, there are a couple of stations down on the Long and Medium wave bands that I will often spend some time with, especially in the evenings or overnight.

The first choice is **Radio Romania Antena Satelor** on 153kHz longwave which plays a great selection of Romanian traditional and folk tunes – the same as heard in *Truly Romanian* segment twice a week in the shortwave English service, or in *Zi-le D-Alead-Ale Noastre* in the shortwave Romanian service.

As described on the RRI website:

“Radio Antena Satelor is the only radio station specializing in Romanian village issues, which emits 24 hours a day, 7 days a week. In its 80-year history, Radio Romania has always had contact with the world of villages, but the idea of a fully-fledged rural post came after the 1989 changes. Officially, our post was born (began broadcasting) in 1991, on a day full of significance, on December 25, broadcasting 5 hours a day news from the area of rural interest and popular folk music, from the folk music library of the Radio, the richest and most valuable sound archive of the Romanian musical folklore. [...] Since then,

we've been growing up both as broadcasting (currently 24 hours a day), as well as radio, program diversification, team value, notoriety and audience."

My second choice is **Bretagne 5** on 1593kHz. There are three programs in particular that I can recommend:

Celti 5 A Gan: "Celti 5 A Gan Evelyne Pernel leads us to a musical walk from the Breton shores to the Celtic countries" with a nice selection of Celtic songs - broadcast on the 2nd and 4th Wednesday of the month at 2200UT.

Jazz On Air: "Jazz, Blues, Swing, Soul ... on the Jazz on Air program. Every evening, Frédéric Guyon explores the shelves of the discotheque of Brittany 5. In the jazz department: discoveries, unpublished and forgotten discs. All formats are mono, 78 rpm or vinyl cracking!" A varied selection of jazz music - broadcast at 2030-2200UT (daily except Wednesdays and Saturdays).

Solid Gold: "Solid Gold Frédéric Koster gives you an appointment on Saturday evening: 2 hours of musical stroll to (re) discover the albums and standards of the Anglo-Saxon variety." Another varied program often featuring specific artists and well worth a listen - broadcast Saturdays at 2000-2200UT.

I'll end this month's column with a few random programs that I happened to tune in to over the past few weeks.

China Tibet Radio

24 December 2017 at 1600UT on 6130kHz.

With my new Wellbrook Loop antenna, I am finally just about able to hear, fairly regularly at present, the English Holy Tibet program on China Tibet Radio.

Here is their program schedule:

Monday-Tuesday: **Tibet Story;**

Wednesday-Thursday: **Eyes on Tibet;**

Friday-Saturday: **Tibet Tourism;**

Saturday: **Tibet Review;**

Sunday: **Music Shangri-La.**

In particular, I am re...; enjoying **Music Shangri-La** with some great Tibetan musi

Vatican Radio

2 January 2018 at 2000UT on 9660kHz.

After the usual news and church news was the regular Tuesday program **Justice and Peace**. The program started off with, in my view, quite a controversial introduction:

"We discuss a big injustice ... in the most powerful nation on the earth which represents itself as the best democracy and one which has given itself the duty to police other countries and sometimes to force them to respect democratic rules in the principles. [...]"

"Today the United States is the only Western democratic nation that imposes the death penalty on its citizens, but while around two out of three Americans currently support capital punishment in cases where a person is convicted of murder, there has been a sharp fall in the number of death sentences handed down and the number of executions eventually carried out."

The program continues then with a powerful talk given by Ron McAndrew, a former Florida prison warden who grew up as a strong supporter of capital punishment and became responsible for carrying out executions in the state prison. His talk included some graphic descriptions of carrying out the executions, including one that went horribly wrong, about his meetings with the condemned and their families, and with the victim's families and how he eventually changed his views and eventually became leading activist against the death penalty.

Whichever side of the fence one sits on, whether for or against capital punishment, it was a fascinating program.

The program is no longer available on the Vatican Radio website, but I did find a report of an interview on Esquire.com with Ron McAndrew which covers much of what was said on the program at:

<http://www.esquire.com/news-politics/news/a26833/ron-mcandrew-is-done-killing-people/>

WBCQ, USA

5 Jan 2018 at 2215UT via WBCQ webstream.

I always find reception of WBCQ on 7490kHz unfortunately to be a considerable challenge. It's a shame as there are many great programs to be heard. I had a timely reminder on 5 January from William Tilford (of *From The Isle of Music* fame) to listen to *Behaviour Night*. It's a great program of 20s, 30s and 40s music, and if you enjoy R Ohne Namen's program *Here We Go!* on Channel 292, then you'll definitely enjoy this. Anyway, this week's *Behaviour Night* also included a 1933 recording of "Shuffle Off to Buffalo", from the Hollywood musical *42nd Street* (which incidentally is currently showing in London - which I've seen and it's fabulous. I also saw it many years ago in London with Frankie Vaughan).

I must mention here a similar program also on WBCQ: *Marion's Attic* which features music and stories of music recorded on cylinders from the 1890s and old 78 rpm records until the 1920s. Another great program which I regret not being able to hear direct, but which I have made of a point of tuning to from time to time via the WBCQ webstream. I confess to not having listened very much recently, and hopefully this will remind me to do so.

Behaviour Night is on WBCQ, 7490kHz on Fridays at 2200UT and *Marion's Attic* also on WBCQ, 7490kHz on Sundays at 2200UT.

Radio Japan

9 January 2018 at 1720UT on 9765kHz.

This program is R Japan's two hour Japanese service and frequently includes a music program. In the past I have heard programs devoted to The Beatles and to themed selections of English/US oldies songs. Today was featuring David Bowie music and I wish I had tuned in a little earlier to catch the start. Familiar songs such as *Ashes to Ashes* and *Let's Dance*, and also a song from Bowie's last album that I have never heard on shortwave before - the full 9 minute version of *Blackstar*. I suspect that it'll be a long time before I hear that again on shortwave, especially being played in its entirety. This broadcast runs from 1700-1900UT on 9765kHz via Nauen, 11945kHz via Issoudun and 13720kHz direct from Yamata.

Radio Romania International


7 January 2018 at 2135UT on 6030kHz.

One of so very many excellent programs on R Romania Int is RRI Encyclopedia. This program is heard during the weekend programming (and may also appear at random on other days) and covers any number of random topics (much like an encyclopedia, I guess!). The topic on 7 January was The History of Schnapps in Romania including an account of the little-known Plum Brandy Battle which took place in the region of Banat, near Caransebes, on September 17, 1788. We are also warned that:

"Palinca, the typical Transylvanian schnapps, [...] sends a flamethrower down your throat!"

So, what are your "go-to" frequencies or stations when you just want a little background "noise"?

All comments are welcome.

Until next time - 73 and good SWL, Alan 

International Broadcasting

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http://www.kimandrewelliott.com

Plenty of advice about how to broadcast to Iran

The Iranian protests of late December into January brought a flurry of criticism of and advice for VOA Persian and Radio Farda, the U.S. broadcasting under the now mostly ceremonial Broadcasting Board of Governors.

Most of negative comments came from conservative commentators. In general, they faulted the U.S. media outlets for presenting statements of Iranian officials. They want only one side of the issue – the anti-regime and Trump administration side – to be emphasized. Sort of like Radio Moscow's approach to international broadcasting. And they want USIB to provoke Iranians to bring about regime change, a line that Radio Moscow generally did not cross.

These grumblings are a reprise of complaints and accusations about of U.S. international broadcasting that occurred during the 2009 Iranian demonstrations, and have popped up occasionally since then. The Iranian exile community consists of several factions, including one that wants the heirs of Mohammad Reza Pahlavi to rule the country. If U.S. broadcasts are not biased in a direction pleasing to the factions, they are accused of being biased in the opposite direction, sometimes even to the point of supporting the Tehran regime.

Here are some excerpts of recent commentaries. My comments are in brackets. You can find the complete articles by placing a string of five or six words in quotation marks, then Google search.

Kenneth Timmerman, Front Page Magazine, January 1: "U.S. government broadcast networks continue to impose a 'boycott' on pro-freedom advocates ... while allowing so-called moderate supporters of the Islamic regime free access to U.S.-taxpayer funded

broadcasts. This continued throughout the weekend, with Voice of America's Farsi Service highlighting the economic grievances of the protestors, and giving equal play to counter-protests organized by the regime and to calls for calm from regime president, cleric Hassan Rouhani. ... [T]his is a time when the White House needs to take control of the U.S. government, and use the Voice of America and Radio Farda as tools to enable protestors in Iran."

Timmerman, Front Page, January 5: "[L]ed by a stable of Obama appointees, the Voice of America and the Persian language service at Radio Free Europe/Radio Liberty (Radio Farda) are being used to support the Iranian regime and denigrate the leadership of President Trump. While the Persian language services, after much public criticism, are now posting cellphone videos of the protests on their social media accounts, their on-air coverage has been tepid, with regular hosts 'balancing' coverage of the protestors with coverage of the regime's lies."

Timmerman, tweet, January 17: "Another clueless report from #VOANews. Iranians don't want tired 'reformers.' They want an end to the regime." [Referring to an AFP report, carried by voanews.com, summarizing comments by former president Mohammad Khatami about the demonstrations.]

Ilan Berman, The National Interest, January 4: "Fortunately, when it comes to outreach to Iran, the United States has a potent tool at its disposal. With an estimated combined audience of more than fourteen million Iranians (or nearly 20 percent of the country's total population of 82 million), the U.S. government's official Persian-language television and radio outlets—the Voice of America's Persian News Network and Radio Farda—can be a potent voice in support of Iranian freedom. But that voice is only powerful if administration officials make

it a priority to appear on VOA's airwaves and consistently communicate their backing for Iran's protesters and their political aspirations. (A secondary—and not insignificant—benefit of such sustained governmental attention would be to ensure that these broadcasters, which have come under criticism in the past for their programming, do a better job of communicating the current administration's policies and priorities.)" [The audience numbers are probably exaggerated. But Berman's advice was heeded when VOA broadcast an interview by Gloria Van Susteren with Vice President Pence on the subject of Iran, January 3.]

Fred Lucas, The Daily Signal, January 5: "Even as the Iranian regime seeks to block social media, the U.S. government should continue promoting their message on Radio Farda, said Jim Phillips, senior research fellow for Middle Eastern affairs at The Heritage Foundation." ["Their" presumably refers to the protesters, not the regime. And it's Farda, not FARDA, which is not an acronym.]

Michael Ledeen, PJ Media, January 11: "[O]ur broadcasting networks ... have fallen into the wrong hands, and we now need a thorough restaffing. Voice of America's Farsi service is as often as not anti-American and apologizes for the cruel Khamenei regime."

Mariam Memarsadeghi and Akbar Atri, The Hill, January 12: "Voice of America Persian service should be resuscitated from its deplorable state. During the Obama administration, the network lost the large and loyal audience it had because popular, politically sharp programming was canceled and replaced with watered-down messaging to accompany appeasement and rapprochement with the Iranian regime."

Felice Friedson, Jerusalem Post, January 14, quoting a "coordinator" of Iranian demonstrations: "We are not satisfied with VOA and Radio Farda. The talk and interviews are with those who want improvement of the regime and not its removal. If we could have a satellite channel ourselves, we could make miracles."

Mary Kissel, tweet, January 3: "Totally missed this. Why the heck is taxpayer-funded @VOA distributing Iranian regime propaganda? h/t @BBGWatch" [Kissel is referring to a VOA story that led with President Rouhani's first statement about the demonstrations – obviously newsworthy and glaring as heck if ignored. @VOA is not VOA's Twitter handle -- @VOANews is. @BBGWatch is the Twitter account of the BBG Watch website, maintained by a former VOA executive who is virulently opposed to the present "Obama appointed" BBG and VOA senior managements. Kissel describes herself as a Wall Street Journal editorial board member and contributor to Fox News.]

Manoto? Another approach to international broadcasting into Iran involves satellite television channels that are not funded (at least overtly) by the U.S. government. From Narges Bajoghli, Foreign Policy, January 12: "One station in particular ... has garnered large audiences. Manoto started broadcasting on satellite from London in 2010. Its programming ranges from popular western serials such as Downton Abbey, which are professionally dubbed in Persian, to the breakout hit News Room, a clever 30-minute news program. ... Manoto has quickly become the standard-bearer in Iranian households of what television should look like."

"And the fact that Manoto is not as overtly political as Voice of America or BBC Persian has helped it draw an audience, especially among young Iranians. But like its competitors, both foreign and domestic, the station does have an agenda. This is especially evident in Manoto's entertainment programming, which is made up of a range of programming including reality shows, game shows, and historical documentaries. It's here that celebrations of aspects of pre-revolutionary Iran appear, increasingly so since 2010."

Visit swradiogram.net and www.kimandrewelliott.com.



Shortwave Center

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NASWA's 31st annual Winter SWL Fest will be held on March 1, 2 and 3 at the Doubletree Guest Suites hotel in Plymouth Meeting, PA. (Refer to the last page of this month's Journal for registration and hotel information.) As far as we can tell, this is the longest running annual shortwave-inspired conference in the Western Hemisphere.

This year we are honored to be able to present an exclusive screening of Spectres of Shortwave, a film by Amanda Dawn Christie centered around the former RCI shortwave transmitter facility at Sackville, NB. Ms. Christie will be at the Fest throughout the weekend and has agreed to be our keynote speaker after the Saturday evening banquet.

Among the highlights of each year's Fest are the forum presentations that serve as the centerpiece of the event. We start this month's column with a recital of this year's forums. If you haven't registered as of yet, won't you please join us?

SHORTWAVE CONFERENCE NEWS

2018 Winter SWL Fest Forum Schedule

Thursday, March 1

1300 – The Golden Age Of Analog TV DXing...Is Now! — Rich McVicar

TV DXing via sporadic e-skip and tropospheric propagation, from an historical perspective in the 50s-80s when there were many analog DX targets available in North America, to today's low VHF (Channels 2-6) scenario. Few US stations are using those channels now making DOUBLE-hop e-skip reception possible, something very few experienced before 2009 but a number of us in the northeast US and Canada have observed quite a few times now. Instead of new states and provinces, we're logging new countries! Includes video clips of single hop vs. double hop and equipment and technique tips.

1415 – More Cheap Fun With RTL/SDR – Dan Srebnick

Dan follows up last year's presentation by telling you what he got wrong. (!?)

You CAN decode FM IBOC, thanks to a researcher who figured out the protocol. We'll hear how that works, along with a look at how to decode amateur APRS packet and

display weather alerts on a map, and how to decode NextGen ATC on the cheap, without having to feed data to Flight Aware. We'll also give you some ideas on how to make use of a Raspberry Pi with the RTL stick, providing yet another source of cheap radio fun.

1530 – Film Screening—"Spectres Of Shortwave"

An experimental documentary film by Amanda Dawn Christie about the RCI shortwave radio towers in Sackville, New Brunswick, Canada. Images captured on film are accompanied by personal stories told by people who lived near the towers. For over 67 years, the Radio Canada International (RCI) shortwave site broadcast all over the world. In 2012, budget cuts necessitated the decommissioning of this site.

****Winner** Prix de la vague - meilleur documentaire (best documentary) international category - FICFA 2016**
**** Official Selection**** Atlantic Film Festival 2016

[NOTE: This feature runs approximately two hours.]

2030 – The (1st Annual?) Winterfest Trivia Quiz - Sheldon Harvey

How well do you know radio? AM, shortwave, utilities, transmitter sites, station names, call letters, frequencies, interval signals, radio personalities, program names, and more, we'll have questions from all categories. In the end we will crown the first Winterfest Trivia King (or Queen!). The quiz is open to anyone with the courage to participate.

Friday, March 2

0830 - How Do Smart Speakers Change Your Listening Habits? – Rob deSantos

We will examine the impact of “smart speakers” on the listening experience. What can you do and what can't you do with these systems? The internet radio and international radio still live but they live inside the speaker. Bring your own personal experience and questions to share. Included will be the presenter's personal use and testing of systems such as Amazon Alexa and Sonos and compare the cost and benefits to using these as alternative listening sources as well as their limitations.

0945 – The Annual Scanner Session – Tom Swisher

Back to Basics - Programming Strategies for the new generation scanners. Have the newer generation scanners got you stumped? This year we're going back to basics, and will discuss programming strategies, tweaks and tips for the newer digital-capable scanners. We'll also give a few nods to some of the software packages out there that can make this task easier.

1100 – The Annual Pirate Session – George Zeller

A review of Pirate Radio news during the past year and the announcement of the new class of inductees to the North American Pirate Radio Hall of Fame. Time permitting, a discussion of the NASWA Pirate Radio Report column also is planned.

1330 – Time Shifted Tuning With Spectrum Archives – Thomas Witherspoon/Skip Arey
We will take a look at both shortwave radio

audio archives, what has been done since our 2010 Winter SWL Fest forum, and what collections have been preserved. We will also dive into the concept of radio spectrum archiving, noting the challenges and amazing benefits to future historians, media specialists, anthropologists and—yes—radio enthusiasts too. Imagine a digital library full of recordings you could load on a web-based application and tune through as if it were live radio—a time traveling WebSDR! We'll live demo spectrum recordings dating back to 1986.

1500 – The Iberian Broadcasting Scene – Tracy Wood

Our own “fiestero” reflects on his trips to Spain, Portugal and Gibraltar experiencing the complicated radio scene there. From longwave to DAB, community radio to big national networks—even foreign language FM stations—it's true that the Spanish dial remains impressive. Included are slides from his tour and interview at Madrid's *Radio Exterior de España* highlighting their amazing audio vault. He'll also reflect on DX climbs at the Rock of Gibraltar (UK) and Veleta, the third highest peak in Spain (11,142'). Bring your own sangría.

1630 – Terminated Loop Antennas – Jef Eichner

This popular series resumes with Jef covering terminated loop theory and construction, along with some new (and old) toys for show and tell. Time permitting, he will start on loop phasing techniques.

1945 - The DXer's Sampler Menu – One Hour, Four Irresistible Sensations – Mark Fahey

This session presents four appetizer sized topics (each which could easily have consumed a full hour of discussion) in convenient, portion controlled sizes.

Transformation of Marginal & Noisy Tropical-Band Stations into Armchair Quality Reception: A live demonstration of real-time digital enhancement and filtering of shortwave signals.

Interval Signals from the Jungles and Volcanoes: For over 40 years I have been recording Indonesian interval signals and

now the collection is complete. These are not noisy, low-fi recordings; every one is a pristine, studio-quality recording that reflects the exotic location and unique culture of each station.

What's Happening in The Studio: Thousands of radio stations now continuously stream high-definition video of their studios in simulcast to their audio broadcast. We will drop in and discover what is happening behind the microphones.

Radio Soundscapes: Let's explore the growing selection of what hipsters and eclectic music collectors are listening to.

2130 – The Annual Shortwave Shindig – David Goren

David Goren and friends celebrate the short wavelengths in story, song, and vintage sounds. Later in the evening, we'll feature a specially up-converted segment on FM Urban Pirate Radio including the debut of the Brooklyn Pirate Radio Sound Map.

Saturday, March 3

0830 - The Very Strange World Of VHF & UHF Military Satellites - Matt Blaze

Most modern satellites are on SHF frequencies, are used for high-bandwidth, global communication, and require special antennas and equipment to receive and track. But there are also constellations of satellites operating on VHF and UHF frequencies, easily received with standard communications receivers and antennas, and what you can hear on them can be very surprising. Originally intended for tactical military use, these birds are largely dominated by pirates, unintended signals, and the occasional legitimate user.

0945 – Travel The World With Virtual DXpeditions – Bruce Churchill

For many of us Shortwave DXing has become more a reminiscing than a listening exercise. Oh, if we could only reprise the ubiquitous Indonesians, Venezuelans, Ecuadorians, Brazilians and Indian regionals! Into this seeming abyss comes the world of remote receivers such as the Perseus, Global Tuner and KiwiSDR networks. In this session we'll educate, discuss and debate the merits of traveling to virtual DXpeditions through the use of remote receivers around the globe.

1100 – RF Ops At World Events - Paul Kaltenbach

Take a behind-the-scenes look at network news RF/field operations covering some of the largest stories that have made world headlines in recent memory, as well as a discussion regarding the technological changes that have changed the definition of what real-news is, and is not.

1330 – Voice Of Rfchokia Shortwave TV Roll Out – Jeff Murray

Introducing VOR's 2018 North American Short Wave Television Service including a virtually live, slow scan slideshow broadcast direct from Rfchokia – the apocryphal breakaway republic formerly known as South Pottsylvania. This very special event will be emceed and produced by VOR spokesman/cartoonist Jeff K1NSS/WPE2GEP, eager to wish Best DX to you and your family.

1500 – Shortwave Memories – Dan Robinson/Skip Arey

Dan and Skip chronicle the personal memories of Fest attendees about what shortwave has meant to them throughout their lives, putting some needed focus on the human side, rather than the more commonly heard mechanical or technical aspects, of the hobby.

Please Notice:

For faster service with address changes and inquiries about missing Journals, please email billoliver@verizon.net or write to NASWA, 45 Wildflower Road, Levittown, PA 19057. You can also call 215-945-0543. Material for NASWA Notes should be sent to Richard D'Angelo whose address appears on the Notes page

Do Shortwave 'Numbers Stations' Really Instruct Spies?

Unidentified radio broadcasts have been transmitting coded messages, using numbers for years

January 12, 2018

By James Careless
Radio World magazine

OTTAWA, Ontario — "6-7-9-2-6. 5-6-9-9-0." Tune across the shortwave bands (above AM/MW), and chances are you will come across a "numbers station." There's no programming to speak of; just a mechanical-sounding voice (male or female) methodically announcing seemingly random groups of single digit numbers for minutes on end.

Congratulations! You are now officially a spy-catcher, to the extent that you may have tuned into a spy agency's "numbers station" transmitting one-way instructions to their minions worldwide.

Numbers stations are unidentified radio broadcasts that consist usually of a mechanical voice "reading out strings of seemingly random numbers," explained Lewis Bush, author of "Shadows of the State" a new history of numbers stations and the spies who run them. "These are sometimes accompanied by music, tones or other sound effects." He said. "There are also related stations broadcasting in Morse Code and digital modes."

No Paranoid Delusion

Program formats aside, the common purpose of numbers stations is "to broadcast coded messages to spies in distant countries," said Ryan Schaum. He is co-founder of Numbers Station Research and Information Center (NSRIC), a hobbyist group that reports on these signals at www.numbers-stations.com. According to Schaum, the "use of shortwave

allows complete secrecy and makes it impossible to determine who the recipient is."

In order to decode the message hidden within the numbers broadcast, "the recipient uses 'one-time pad' encryption, which cannot be decoded by anyone without the time pad key," said Schaum. Printed on paper pads, the one-time pad key allows the recipient to decode the message just once, it is then discarded for a fresh key after every use, thus making the cipher literally unbreakable. "For these reasons, numbers stations are still used today."

The notion that spy agencies are contacting spies using code broadcasts over shortwave may seem like a paranoid delusion. But as the saying goes, "just because you're paranoid doesn't mean they're not out to get you."

In the case of numbers stations and the evidence associated with them, "the most widely agreed upon theory is that they are operated by intelligence agencies," said Bush. "This theory has been backed up by a number of cases where spies have been uncovered or arrested in the act of listening to or decoding these stations, and in a few rarer cases by declassified documents and government admissions of ownership."

"Voice (numbers) stations are known to be spy messages," said Paul Beaumont. He is an associate editor of Eye Spy Intelligence Magazine, an independent publication dedicated to espionage and intelligence. "For instance, V02 in Spanish was used to instruct Ana Belen Montes," Beaumont said.

Montes was a United States Defense Intelligence Agency employee who spied for Cuba from 1985 until caught by the FBI in 2001. A 2016 report by CNN's Thom Patterson described Monte as "The most dangerous U.S. spy you've never heard of."

A Century of Spy Radio

Motivated by what she saw as the U.S.' unfair policy toward Cuba, Montes avoided detection by never moving top-secret documents from the DIA. Instead, this spy memorized what documents she could at work, and then transcribed these memories on her laptop at home.

Next, she would receive coded instructions from Cuban numbers station V02 (via shortwave radio) "about where to hand over the discs to her Cuban contacts," Patterson wrote. "Some of the most damaging information Montes admitted giving to Cuba, the FBI said, were the identities of four American undercover intelligence officers working there."

Today's shortwave numbers stations are very much a legacy of the Cold War. The fierce espionage battles between the West and the Soviet Bloc — and their mutual vigilance in ferreting out each other's concealed agents — required a form of communications that covered long distances, provided ironclad security, and yet could be received using locally available radios if need be. Numbers broadcasts via shortwave fit the bill perfectly.

Yet the legacy of using radio to transmit secret information goes back to the First World War. According to Maris Goldmanis, a numbers station listener and NSRIC member based in Riga, Latvia, Allied numbers stations broadcasting in Morse Code were detected by Austrian Archduke Anton Habsburg.

"He was a radio enthusiast, and as a member of the royal family received permission to construct his own radio receiver," said Goldmanis. "His first activities involving listening to numbers stations such as FL 'Tour Eiffel' from Paris, ICI from Cortona [Italy], and FSK from Moscow."

"The reason coded broadcasts started in World War I was not on a whim," said Beaumont. "The British had dredged up the underwater telegraphic cables used by Germany and its allies and cut them, forcing the use of radio to send messages."

Famous Stations

Radio as an espionage tool exploded during World War II, and, after that, the Cold War. This is when numbers stations came into their own, as spy agencies such as the CIA, Britain's MI6, and the Soviet Union's KGB spent millions building and operating high-powered yet clandestine shortwave transmitter sites.

One of the "best known" numbers stations was "The Lincolnshire Poacher," due to its use of "The Lincolnshire Poacher" folk song played on a pipe organ as an identifying signal. Amateur radio enthusiasts used direction-finding equipment to locate this station's transmission location to the RAF base in Akrotiri, Cyprus. This station is believed to have been operated by MI6 from the mid-1970s to 2008, using several curtain-array shortwave antennas.

"Among the historic ones which no longer broadcast, there are many stations which could be considered weird," noted Bush. "One known as the Swedish Rhapsody could be a strong contender, as it used music played on a child's music box and the voice that read its numbers sounded somewhat like a child; characteristics which made the station particularly eerie." This numbers station is believed to have broadcast from a transmission site in Falenty, Poland.

Even after the Cold War, numbers stations have stayed in business. One of these is "HM01, which is thought to be Cuban operated," said Bush. "It transmits voice read numbers in combination with digital transmissions using the Redundant Digital File Transfer mode. Another example is a station known as XPA, which is believed to be run by one of the Russian intelligence agencies and transmits numbers solely using multiple-frequency key shifting."

Even North Korea has apparently gone into the spy station business, with one key difference. The dictatorship's domestic radio service KCBS Pyongyang Pangsong has been noted to sometimes transmit 'maths lessons,' which it has been suggested are in fact numbers messages," Bush said. Whether

they are intended for real agents or are simply intended to unnerve South Korea and its allies is unclear. According to Beaumont, this numbers station is known as V15, and "decoded sheets [associated with tuning to its signals] have been recovered."

Today

Today, numbers stations remain a reality on shortwave radio, even in the Internet Age. The reason for these stations' longevity isn't hard to understand. Unlike communications over the internet that leave digital evidence (even in supposedly secure systems) for investigators to find, receiving instructions via shortwave numbers broadcasts leave no traces behind.

"It's a rather safe way to send coded messages, unless you are observed listening to them," said Goldmanis. "You don't need a large clunky radio. It's even possible to listen these stations on the internet using remote software defined radio, and that is what we hobbyists do."

This doesn't mean that receiving instructions via numbers stations is a perfect form of communications for spies, because it isn't. Spies can get caught if the authorities see them listening to numbers broadcasts, as has occasionally happened.

"A Cuban Morse numbers station — M08a — was also cited in an FBI affidavit as being the channel for a husband and wife team, the Myers, who were arrested following shoddy operator discipline," said Beaumont.

SHORTWAVE NEWS

BBC's Nigel Fry Expounds Virtues of Shortwave, Medium Wave and DRM

Large numbers of the BBC's audience still are reached by international radio broadcasts, delivered by shortwave

January 25, 2018
By Doug Irwin, CPBE, AMD, DRB
From "Radio" magazine

"I think they used the internet and made reference to a received Morse transmission."

Nevertheless, the numbers station's ability to send secret information securely over large areas means that this form of shortwave communication likely has a secure future; even while other forms of analog broadcast are being supplanted by digital means.

For readers who are now wishing to tune into numbers stations, making your first direct contact with spycraft is easy. Just get a shortwave radio and scan around the dial. You can even tune in using a remote-controlled shortwave radio over the web, at the free site www.globaltuners.com.

To save time, check out a website like www.hfunderground.com to find numbers stations to tune into. Another good bet for frequencies and general information is the United Kingdom's ENIGMA 2000 [European Numbers Information Gathering & Monitoring Association] at www.apul64.dsl.pipex.com/enigma2000.

A third option is to go to NSRIC's at www.numbers-stations.com or <http://priyom.org>, and tap into its archived and live numbers stations feeds.

Be warned: After hearing your first numbers station, your personal experience of espionage will move from fiction to nonfiction. The spies are out there, they are broadcasting, and you will have heard them!

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

LONDON — In this age of Internet censorship, is it possible that shortwave could be making somewhat of a comeback? The reality is that it has remained important in certain parts of the world all along.

The **BBC World Service**, available on radio, TV and online is part of one of the largest news organization in the world, the BBC. The weekly reach of the World Service on all platforms is 269 million (up from 246 million in 2015/16). However, large numbers of the BBC's audience still need international radio broadcasts, delivered by shortwave. Audiences remain high — last year the World Service radio audience was 154.5 million. The largest short wave markets are West Africa, Central Africa and across South and South East Asia. Mediumwave is still of importance in the Arabic speaking world and West Asia.

Digital Radio Mondiale was fully supported and enhanced by the **BBC World Service**, and has been seen as an efficient replacement for the analog AM transmissions. "When we consider scarcity of spectrum for new uses and appreciate the characteristics of the radio broadcast bands we recognize the tremendous properties these continue to offer broadcasters to deliver programs over sometimes very large distances and areas or in difficult terrain," writes Nigel Fry, head of distribution for BBC World Service, on drm.org. "Digitizing these bands with a system such as DRM offers many more benefits to the audience and broadcaster."

"Unlike analog, DRM allows one frequency to be used repeatedly for the same service over a large area (a single frequency network), making more efficient use of the spectrum. DRM can transform the quality of the services on the AM bands to be clear and free of any of the interference and distortion," Fry writes. "DRM provides text information and images, to complement programs offering thus an enhanced experience to the listener." Referring to the shortwave bands, Fry writes: "these bands remain key for international broadcasting delivering services without constraints of local 'gatekeepers,' in our case allowing millions of people access to BBC News content free of charge."

The BBC wants to use DRM to deliver, to key markets, BBC content — free of gatekeepers — in a form that can be easily accessed.

[Editor's Note: Sure this sounds like "pie in the sky" to those of us beaten down by those shutting down shortwave facilities left and right. But Mr. Fry is Head of Distribution for the World Service, so maybe???....]

SHORTWAVE NEWS

'It's like Frankenstein's lab': Massive 78-year-old transmitter for sale

Mi'kmaq group hopes it finds 'a good home'

By [Tori Weldon](#), CBC News Posted: Jan 22, 2018 6:00 AM AT Last Updated: Jan 22, 2018 1:44 PM AT

A piece of radio history could be yours for \$5,000.

A 1940 RCA 50 kW shortwave transmitter, located at the decommissioned Radio Canada International Site in Sackville, is up for sale.

The transmitter is a small room, about five metres long by two-and-a-half metres wide, and it's filled with lever, buttons, glass tubes and wires.

The property was bought in February 2017 by Mi'gmawe'l Tplu'taqnn Incorporated (MTI), a group of Mi'kmaq First Nations. Jesse John Simon, the group's executive director, said workers are still taking electronic components apart and removing old equipment that won't be needed now that property is no longer a broadcast site.

The old transmitter doesn't work anymore, said Marc Goldstein, an mechanical engineer helping to take out equipment no longer needed, adding it was decommissioned in the 1970s.

"It took three men to operate this radio," he said.

"We're trying to find a home for it."

Lots of character

Goldstein said the group is asking \$5,000 for the transmitter. While it no longer works, he said it does have character.

"It's like Frankenstein's lab," said Goldstein.

Tasked with finding a buyer, he reached out to Amanda Dawn Christie. She made an art film based on the towers and the site's rich history. Christie passed word of the historic transmitter via her social media accounts.

"I emailed her asking if there was a home for this thing and she started a wildfire," Goldstein said.

While people interested in the transmitter have been reaching out, there are no takers so far.

"A couple of the fellows thought this was still operational. They wanted to use it as a radio, but now they know it's a museum piece, there's still some interest in the components."

Rich history

The transmitter was kept on site so visitors could get a sense of RCI's history. Opened in 1944, the first RCI broadcast went out over the airwaves, transmitted to spots around the globe from Sackville's 13 towers.

But after budget cuts in 2012, CBC announced that the shortwave service would end after 67 years of broadcasting. The towers were taken down after a buyer couldn't be found for the site as it was.

Simon said the group has hopes for the 222-acre property. But for the time being, the group plans to remove everything not needed, while maintaining the building.

"What we want to do is generate some economic development for the First Nations, and this is our first foray into a multi community investment," said Simon.

He said some ideas already brought forward were medical marijuana, honey production and retail. The group is considering options at the moment, but Simon said one important factor is whatever is developed on the site must be a good environmental fit.

The site is near wetlands, and the group doesn't want any heavy industry damaging it.



NASWA Flashsheet

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

Listener's Notebook

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Times are UTC and frequencies in kHz.

ALASKA World Christian Broadcasting Names New President; Baker succeeds Caudill in the role; January 3, 2018 By Emily M. Reigart: Franklin, Tenn.-based World Christian Broadcasting has announced Andy Baker will replace Charles Caudill as president. Baker joined World Christian Broadcasting in 1999 as vice president of development. He is a native of Hohenwald, Tenn. Caudill led WCB for 24 years and will now take on the role of president emeritus. World Christian Broadcasting operates nonprofit, shortwave radio stations KNLS and Madagascar World Voice. (Radio World)

ANGOLA 4949.74, *R. Nacional de Angola*, 0157-0215, Jan 8. Very noticeable het due to AIR Radio Kashmir, Srinagar, on 4950.0; after 0215 het was gone. (Ron Howard-CA)

ARGENTINA 6972.95, *Radio Lupo*. Several DXers (Valko, Yamron, Churchill, and Kusalik) reported hearing and verifying this pirate station toward the end of the calendar year. The following is a description of the equipment used. Transmitter: two 807 valves modulated in low level G2 (screen grid) excited by a 12BY7 that oscillates to crystal of the fundamental frequency 6973 (the crystal is from the year 1944 second war), the yield is 30% for maximum linearity, 25-watt output, the modulator is a 6BQ5 in class "A". Antenna: horizontal half wave dipole at 12 meters high, maximum irradiation from north to south, coupled to the TX by a T filter. (Ed Kusalik-Canada)

ARMENIA Fair to good signal of *Voice of Armenia* on Jan. 5:

1530-1545 on 4810 ERV Assyrian
1545-1600 on 4810 ERV Greek
1600-1630 on 4810 ERV Kurdish
1630-1700 on 4810 ERV Yezidi
1700-1715 on 4810 ERV Turkish Mon-Fri
1700-1730 on 4810 ERV Turkish Sat/Sun
1715-1745 on 4810 ERV Azeri Mon-Fri
1730-1745 on 4810 ERV Azeri Sat/Sun
1745-1815 on 4810 ERV Farsi
1815-1845 on 4810 ERV Arabic
(DX Mix-Bulgaria)

Reception of Trans World Radio India via Yerevan on Jan. 16:

1300-1315 on 9745 ERV English Mon-Sat, very good (DX Mix-Bulgaria)

9775 *FEBA India*. FEBC with its short 15 minute weekly English program should start at 1345 (Jan 22). (Dave Valko-PA) Yes, I enjoyed the FEBA India EE pgm. Fun to hear them call it "Fee-bah India" rather than the initials F-E-B-A. They provide contact info and beg for reports. They are a good QSLer direct from India, sending a nice package of stuff. (Ralph Perry-IL)

ASCENSION ISLAND *Radio Akhbar Mufriha* via BaBcoCk Ascension, Jan 22:

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

AUSTRALIA Very good signal of *Reach Beyond Australia* on Jan. 16:

1116-1131 on 15575 KNX English Mon-Wed/Fri
(DX Mix-Bulgaria)

5045, *Ozy Radio*, on Jan 15, at 1215. Sounded like a PSA, along with ID; pop songs; Australian folk group, The Seekers, with "A World of Our Own," etc.; best in LSB. (Ron Howard-CA)

5055, *Radio 4KZ* is in fact on a new schedule. This per Al Kirton (general manager of Radio 4KZ), on Jan 14 (2320): "We are running from 7 am to 10 pm Queensland time. That's 2100 to 1200 GMT I think. We are happy to extend hours if there is a call for it. Cheers, Al" So 5055 is currently on from 2100 to 1200. (Ron Howard-CA) 5055, 4KZ at 1144-1205* (Jan 15). They did go off the air, so tuned away, assuming they were really off for good, but not so, as Dave Valko also noted. At a 1223 check, found them back on the air again. Strange! Still broadcasting 1357+. *Ozy Radio* (5045) better today than 4KZ. (Ron Howard-CA) 5055 4KZ. Got some audio on this morning (Jan 19). Oddly, it came during a peak about a half hour after sunrise 1250-1300. Almost good enough to recognize songs. I sent a report to Al. Hopefully he'll verify it. (Dave Valko-PA)

- AUSTRIA** Strong signal of *Oesterreichischer Rundfunk*, Jan. 11:
- 0600-0720 on 6155 MOS German Mon-Fri
0600-0710 on 6155 MOS German Sat/Sun
(DX Mix-Bulgaria)
- BANGLADESH** Reception of *Radio Bangladesh Betar* on Jan. 2:
- 1315-1345 on 9455 DKA Nepali, good
(DX Mix-Bulgaria)
- 13580, *Bangladesh Betar* QSL, sked in 8 weeks for e-report to dgbetar@btcl.net.bd and rrc@dhaka.net. (Artur Fernandez Llorella-Spain/PlayDX)
- BHUTAN** 6035, Bhutan is on this morning (Jan 10). Just heard some of the usual exotic string music they like to play at 1215...when they're on. Great music now at 1221 Jan 10. Glad they decided to stay on this slightly better than 'normal' morning today. Bhutan went off at 1225:57. (Dave Valko-PA) 6035, BBS, 1131-1225*, Jan 10. Above average reception; in English with pop songs; 1200 into vernacular with the normal brief breaks for indigenous stringed instrumentals at 1213 & 1215; indigenous music/singing from 1220 till suddenly off; mixing with PBS Yunnan till about 1201*. Certainly, one of their better days. Was also being enjoyed over on the East Coast by Dave Valko & Larry Yamron (well done fellows!). (Ron Howard-CA)
- BOLIVIA** 5952.42, *Radio Pio Doce*, on Jan 1. With their annual extended special New Year's Eve broadcast; 0335 mostly chatting on phone; count down to the New Year (0400), followed by National Anthem (instrumental); speeches; many IDs - "Viva Radio Pio Doce." (Ron Howard-CA)
- 6134.82, R. Santa Cruz. Jan 2, with usual closing format of the "Santa Cruz" song 0203-0205, then dead air for a long time (0300+). (Ron Howard-CA)
- BOTSWANA** 4930, VOA, continuing with expanded schedule; Jan 13 at 0042; first time I have heard indigenous African music here, usually only hearing Western style pop songs. Program called "African Music Mix"; later, after 0105, carried "The hit - VOA 1" music show. (Ron Howard-CA)
- BRAZIL** 4894.919, R. *Novo Tempo*. 2337 soft PT vcl song, found // audio on a Brazilian web rx. Quite audible at 2341 w/ more mx. First time to get audio here in a long time. And QRMed by CODAR of course. 24 Jan. (Dave Valko-PA)
- 6010.02, R. Inconfidencia. Back down on this freq now. 2323-2331 PT chatter by alternating M and W annrs. Fair signal. 24 Jan. (Dave Valko-PA)
- BULGARIA** *IRRS Radio* Warra Wangeelaa-ti via SPL Secretbrod, Jan. 6:
- 1500-1530 on 15515 SCB Oromo Sat, very good
(DX Mix-Bulgaria)
- The Mighty KBC Radio* via SPL Secretbrod on Jan. 6:
- 1500-1600 on 9400 SCB English Sat, good
(DX Mix-Bulgaria)
- Good signal of *End Times Coming Radio* via SPL Secretbrod, Jan. 7:
- 1900-1930 on 9400 SCB English Ex-Catholics For Christ
(DX Mix-Bulgaria)
- CANADA** 6030, Calgary - *CFVP* relaying CKMX (AM 1060), at 1338, on Jan 4. Mixing with stronger CNR1, but could make out a definite promo for the "Calgary Motorcycle Show," being held this Fri-Sat-Sun. (Ron Howard-CA)
- CHINA** China Domestic Service *PBS Xinjiang* on Jan. 15:
- 1200-1230 on 7295 URU Kyrgyz
1200-1230 on 9705 URU Kyrgyz
(DX Mix-Bulgaria)
- Fair to good signal of *Voice of Jinling*, Jan. 22:
- 1230-1500 on 6200 NJG Chinese
(DX Mix-Bulgaria)
- CHINA (TIBET)** 4905, eQSL from *Holy Tibet Radio* (holytibetradio@163.com) for an Aug 31, 2017 reception from KiwiSDR site in Bay of Islands NZ. (Bruce Churchill-CA/DXplorer)
- 6200, *Xizang PBS* via Lhasa, 1625, Jan 8. The "Holy Tibet" show in English, with segment "Tibet Stories," about Tibetan culture; fair. (Ron Howard-CA)
- CLANDESTINE** *Radio Herwa International* via TDF Issoudun on Jan 21:

- 1930-2000 on 9580 ISS Hausa/Kanuri, weak // frequency 11530 YFR Hausa/Kanuri, poor
0700-0729 on 13710 ISS Hausa/Kanuri, very good signal
(DX Mix-Bulgaria)
- Reception of *Radio Herwa International* via WRMI tx#10, Jan. 15:
- 1900-2000 on 11530 YFR Hausa/Kanuri, weak/fair
0700-0730 on 11530 YFR Hausa/Kanuri, fair/good
(DX Mix-Bulgaria)
- Reception of *Radio Xoriyo Ogaden* via MBR Issoudun on Jan. 20:
- 1600-1630 on 11970 ISS Somali Tue/Sat, very strong (DX Mix-Bulgaria) Also noted in Wyomissing with fair to good signal. (RAD)
- Reception of *Radio Xoriyo Ogaden* via TDF Issoudun on Jan. 5:
- 1600-1630 on 17870 ISS Somali Mon/Fri, fair/good
(DX Mix-Bulgaria)
- Radio Dandal Kura Int* via BaBcoCk Ascension on Jan. 19:
- 0500-0700 on 5960 ASC Kanuri, fair signal
0700-0800 on 13810 WOF Kanuri, very good
1800-2100 on 12050 ASC Kanuri, very good
(DX Mix-Bulgaria)
- Voice of Khmer M'Chas Srok* via BaBcoCk Tashkent on Jan. 18:
- 1130-1200 on 12150 TAC Khmer Thu/Sun, good
(DX Mix-Bulgaria)
- Reception of *Radio ERGO* via BaBcoCk Al-Dhabayya, Jan. 9:
- 1200-1300 on 17845 DHA Somali, good signal
(DX Mix-Bulgaria)
- New Biafra Hausa SW service probably via Secretbrod:
- 1800-1900 on 15110 SCB Hausa from Jan. 6 (DX Mix-Bulgaria) No signal of Radio Nigeria on Jan. 6 & 7. (DX Mix-Bulgaria)
- Radio Nigeria IPOB* via SPL Secretbrod on Jan. 9:
- 1600-1700 on 15110 SCB Hausa, very poor
(DX Mix-Bulgaria)
- Reception of *BRB Radio Que Me* via T8WH Angel 3 on Jan. 5:
- 1200-1230 on 9930 HBN Vietnamese Fri, good
(DX Mix-Bulgaria)
- Reception of *Voice of Oromo Liberation* via MBR Nauen on Jan. 21:
- 1700-1730 on 11810 NAU Afar Oromo Wed/Fri/Sun, good. From 1703 broadcast is jammed by Ethiopia with white noise digital jamming. (DX Mix-Bulgaria)
- Radio Ranginkaman/Rainbow* via BaBcoCk Grigoriopol, Jan. 5:
- 1700-1730 on 7580 KCH Persian Mon/Fri, fair
(DX Mix-Bulgaria)
- BaBcoCk *Dimtse Radio Erena* via SPL Secretbrod on Jan. 6:
- 1700-1800 on 9720 SCB Tigrinya Sat, very good
(DX Mix-Bulgaria)
- Reception of *BRB Radio Que Me* via T8WH Angel 3 on Jan. 12:
- 1200-1230 on 9930 HBN Vietnamese Fri, good
(DX Mix-Bulgaria)
- Radio Free North Korea* via BaBcoCk Tashkent on Jan. 12:
- 1200-1300 on 9345 TAC Korean, good signal
(DX Mix-Bulgaria)
- National Unity Radio UBS* via BaBcoCk Dushanbe on Jan. 12:
- 1200-1500 on 7530 DB Korean, weak to fair
(DX Mix-Bulgaria)
- Voice of Wilderness* via BaBcoCk Tashkent on Jan. 12:
- 1330-1530 on 7625 TAC Korean, fair/good
(DX Mix-Bulgaria)

North Korea Reform Radio via BaBoCk Tashkent on Jan. 16:

2030-2130 on 7500 TAC Korean, good signal (DX Mix-Bulgaria)

Denge Kurdistan via CJSC Yerevan on new addit. freq 4810, Jan. 20:

0330-1530 on 4810* ERV Kurdish, addit. frequency 0330-1600 on 7520 ERV Kurdish as scheduled B17 1600-2200 on 7320 ERV Kurdish as scheduled B17 *1530-1845 on 4810 ERV various Voice of Armenia (DX Mix-Bulgaria)

New frequency of **Furusato no Kaze** via Shiokaze from Jan. 19:

1405-1435 NF 6085 YAM Japanese Daily, ex 5935 (DX Mix-Bulgaria)

Frequency changes of JSR **Shiokaze Sea Breeze** from Jan. 19:

1300-1400 NF 5935 YAM, ex 6085 as follows
1300-1330 Chinese Mon; Japanese Tue/Sat;
Korean Wed/Fri/Sun; English Thu
1330-1400 Korean Mon/Wed/Fri/Sat; Japanese
Tue/Sun; English Thu
(DX Mix-Bulgaria)

Reception of **Voice of Oromo Liberation** via MBR Nauen, Jan. 17:

1700-1800 on 11810 NAU Afar Oromo/Amharic Wed, good. From 1703UT broadcast is jammed by Ethiopia with white noise digital jamming. (DX Mix-Bulgaria)

The **Indigenous People of Biafra** (IPOB) on Thursday announced the launch of its Hausa Radio Service This announcement was contained in a statement by its spokesman, Emma Powerful. It said the maiden daily broadcast will hit the airwaves on Saturday, the 6th of January 2018 at 7PM Nigerian time on Short Wave 15110, 19 Meter Band. Broadcast is 1-hour 7pm-8pm Nigerian time. Nigerian time is UTC+1 so 1800-1900 UTC. (British DX Club via Ralph Perry-IL)

CZECH REPUBLIC Like every December 31 **Radio Bila Hora** on the air again! 3381.2, power and exact location unknown. Heard before 1600. (Christoph Ratzer-Austria) 3381.260 measured exact at 1720

tonight Dec 31, Radio Bila Hora noted on both Perseus units on neighborhood nations in Stein-amanger in Western Hungary close to Styria Austria border on remote SDR unit of HA1VHF S=9 signal, and also on Bavarian/Czech border at DARClub Amberg Oberpfalz unit rather S=9+10dB little stronger, depends of selected antenna. Program is pre-recorded of formerly popular Czech singer of the 50ties and 60ties. (Wolfgang Bueschel-Germany/DXplorer) 3381., I also heard Radio Bila Hora on 31.12 at 1510-1525, when checking the 90 mb in Skovlunde. Well known pop songs, but the signal was weak at that time: SINPO 23222 with QRM from a strong whistling tone in USB. Now I tried it again at 2115-2125, when they were heard stronger with Czeck entertainment with an audience. INPO 33433 with same whistling tone. (Anker Petersen-Denmark/DXplorer) R Bila Hora on 3381.26 also hrd 12/31 from KiwiSDR sites at Kongsfjord Norway (varying from weak to inaudible with an occasional short peak to S2) from 2140 to 2230 and Haparanda Sweden (SM2BYC site) from 2241 to 2320. The SM2BYC site was a decent signal, S3 with a moderate amount of QSB and slight static. No QRM from either site. Nice clean signal noted from SM2BYC. At 2300 (Midnight in Prague) they played two anthems, presumably including the Czech National Anthem and after a short pause resumed their prior programming with men and women talking and various music selections as hrd prior to 2300. At 2315.5-2318 a speech or reading by a man was played and then back to usual program. In this time period music was definitely not pop music but local songs. (Bruce Churchill-CA/DXplorer)

DENMARK World Music Radio will be soon MW 927 and SW 15805. Another station from Denmark-Radio 208 will be on air soon on the following frequencies: MW 1440 and SW 11440. (DX Mix-Bulgaria)

EGYPT Good signal & modulation of **Radio Cairo** on Dec. 29:

1900-2000 on 9570.0 ABS German
2000-2115 on 9899.6 ABS French
2115-2245 on 9899.6 ABS English
(DX Mix-Bulgaria)

EQUATORIAL GUINEA 5005, **Radio Nacional**, Bata, *0519-0610, 29-12, open with popular an religious Spanish songs, at 0534, male, ID. "Radio Bata", Spanish, information and greetings to listeners, "Feliz Año Nuevo, les informamos..., llame a

través del teléfono...”, “Saludos a Victor Manuel..., a todos los vecinos...”, “terminamos con esta convocatoria, el ayuntamiento de...”, at 0549: “Son las 6 y 49 minutos, vamos a felicitar por Año Nuevo...”, “Feliz Año Nuevo desde Radio Bata y Radio Malabo” “...felicita a su novia Rosalinda...”, at 0556 song “Despacito”, at 0600 more greetings. At 0610 signals weaker, barely audible due to daylight path. 15321. (Méndez-Spain/PlayDX)

ERITREA 7140.0, **VOBME 1** (presumed), 1455-1503, on Jan 1. HOA music/singing; in vernacular; hit with strong jamming (white noise or DRM?) at *1503; also ham QRM. (Ron Howard-CA)

7181.55, **VOBME 2** (presumed), 1455-1503, on Jan 1. In vernacular with on-air phone calls; some HOA music/singing; hit with strong jamming (white noise or DRM?) at *1503; also ham QRM. (Ron Howard-CA)

ETHIOPIA Reception of *Deegaanka Soomaalida Itoobiya*, Dec.30

1900-2000 on 5940 JJG Somali, fair (DX Mix-Bulgaria)

Radio Ethiopia in Tigrinya, instead of English/French on Jan. 18:

1600-1702 on 7236.6 GDR, not English/French (DX Mix-Bulgaria)

FRANCE Good signal of *Radio France International*, Jan. 17:

0600-0658 on 9735 ISS English (DX Mix-Bulgaria)

GERMANY Reception of *DWD Deutscher Wetterdienst* on Jan. 18:

0600-0630 on 5905 PIN German, fair
0600-0630 on 6180 PIN German, good (DX Mix-Bulgaria)

Radio Waves International via Channel 292 on Jan. 6:

0800-0900 on 6070 ROB English Sat, good (DX Mix-Bulgaria)

From the current point of view, we received no order form *Radio Öömrang* for the 2018 transmission. But I think we will receive one soon. Frequency is not

fixed yet. But we coordinated 15215 from 1600-1700 as last year. Best regards, (Michael Puetz, Sales Consultant, Business Unit Radio, Media Broadcast) In a follow as to location, Michael indicated “I think it will be Issoudun as last year”. (RAD)

GUAM Good signal of *KTWR Trans World Radio Asia* on Dec. 30:

1100-1125 on 9910 TWR Japanese Sat
1127-1157 on 9910 TWR Jap/Eng Sat (DX Mix-Bulgaria)

Fair signal of *KTWR Trans World Radio Asia* on Dec. 30:

1230-1300 on 11695 TWR English Sat (DX Mix-Bulgaria)

Weak signal of *KTWR Trans World Radio Asia*, Jan. 5:

1115-1130 on 12120 TWR Cantonese
1130-1145 on 12120 TWR Hakka
1145-1200 on 12120 TWR Chinese (DX Mix-Bulgaria)

Good signal of *KTWR Trans World Radio Asia* on Jan. 6:

1230-1300 on 11695 TWR English Sat. Not new freq 12160 in B17 HFCC. (DX Mix-Bulgaria)

Frequency change of *KTWR Trans World Radio Asia*, probably from Jan. 10:

1215-1315 NF 12160 various, ex 11695 as follows:
1215-1245 Assamese Mon-Fri
1245-1315 Kokborok Mon-Fri
1230-1300 English Sat
1300-1315 Nepali Sat;
1245-1300 Kokborok Sun
1300-1315 Manipuri Sun (DX Mix-Bulgaria)

Good signal of *KTWR Trans World Radio Asia* on new frequency, Jan. 12:

1214-1244 NF 12160 TWR Assamese Mon-Fri, ex 11695
1244-1314 NF 12160 TWR Kokborok Mon-Fri, ex 11695 (DX Mix-Bulgaria)

Very good signal of *KTWR Trans World Radio Asia*, Jan. 15:

1102-1125 on 11965 TWR English Mon-Fri
1125-1140 on 11965 TWR English Tue-Fri
1102-1157 on 11965 TWR English Sun
(DX Mix-Bulgaria)

INDIA 4810 (AIR Bhopal) // 4835 (AIR Gangtok - Sikkim) // 4920 (AIR Chennai) // 4970 (AIR Shillong) // 5010 (AIR Thiruvananthapuram), at 1530, Jan 8. Start of the New Delhi audio feed of the news in English. 9865 not // and 9380 off the air. (Ron Howard-CA)

4920, *AIR Chennai*. 1228-1229 couple canned anmnts. 1229 W in hyper-speed mentioning upcoming EG nx. Deadair, then EG nx by soft-spoken M anncr to 1235. ID by studio W anncr, then subcont. mx. Fair. (Dave Valko-PA 28 Dec.) 4920 AIR Chennai. Jan 3 had buzzing here from their transmitter; Jan 8, finally heard without the buzzing, at 1441 and mixing with PBS Xizang (Tibet); both about equal strength. (Ron Howard-CA)

4970, *AIR Shillong*, on Dec 31, with the usual "Country Roads" C&W music show at 1237; Kenny Rogers with "Daytime Friends & Nighttime Lovers," etc.; unusual propagation, as the signal went downhill rather badly by 1313. (Ron Howard-CA) 4970, AIR Shillong, at 1542, Jan 13, sports item in English about today's South Africa vs India cricket match (see Jeypore); news headlines - helicopter crash off Mumbai coast, etc. (Ron Howard-CA)

5010, *AIR Thiruvananthapuram*. EG nx by soft-spoken M 1230-1235 could just barely tell it was //4920 and 5040. (Dave Valko-PA 28 Dec.)

5040, *AIR Jeypore*. Similar strength to AIR Thiru., and just barely able to tell it was //4920 w/EG nx by M 1230-1235. (Dave Valko-PA 28 Dec.) 5040, AIR Jeypore, on Dec 31, heard the AIR IS at 1128, followed by program in Hindi and subcontinent music. (Ron Howard-CA) 5040, AIR Jeypore, 1431-1450, Jan 13. Live coverage from South Africa of the India vs RSA cricket match; in English & Hindi; AIR promo to contact them via email at cricket@allindiaradio.com; "South Africa 5 wickets down," etc. Thanks very much to Dave Valko for the early alert that this was on! (Ron Howard-CA) 5040, AIR Jeypore, 1126, Jan 15. Third day of live coverage from South Africa of the India vs RSA cricket match; in English & Hindi; asking listeners to contact them at

cricket@allindiaradio.com; later back to regular programming (subcontinent music/singing), as rain interrupted the South Africa match. (Ron Howard-CA) 5040, no cricket today (Jan 17) from AIR Jeypore; 1126 test tone; 1127 tone off; 1128 AIR IS; heard with fair signal and at times good reception. (Ron Howard-CA)

5040, *AIR Jeypore*. Jan 16, with day 4 of India vs RSA cricket match being held in South Africa, at 1139+; seemed more English coverage today than usual (nice!); still also with Hindi coverage. No cricket Jan 17, from AIR Jeypore. Did hear test tone at 1126; 1127 tone off; 1128 AIR IS; fair signal and at times good reception. Jan 18, day 5 of cricket coverage, at 1220. (Ron Howard-CA)

7505.47, off frequency *AIR*, via New Delhi (Kingsway), 0216, on Jan 5. Nice subcontinent music; my local sunset was at 0105, while Delhi sunrise was at 0145. Of course, this reception possible with the absence of WRNO. Last Jan also noted AIR here, but was on 7505.0 and again with WRNO silent back then. (Ron Howard-CA)

7555.57v, *AIR* via Delhi-Kingsway, 1310, Jan 18. Daily slightly different frequency; subcontinent singing/chanting. Still off frequency. (Ron Howard-CA)

11828.5v, *AIR* (site??). Found again today at 1410 w/ audio, unlike yesterday. M tlk in what sounded like Hindi. 1412-1419 subcont. mx. 1419:25 clear AIR ID by M and tlk. Another ID by M at 1429:37. Discussion by at least 2 men from 1430 until the signal suddenly went off at 1433:05. Fair signal w/some QRM from 11830 which was easily notched out. I don't see AIR listed on either 11825 or 11830. (Dave Valko-PA 30 Dec.) AIR varying wildly around 11820-11830 was AIR Panaji off frequency from 11620. Looks like they've fixed the problem and are back on freq. (Dave Valko-PA)

INDIA (GOA) *All India Radio* on drifting frequency 11816v-11825v via Panaji on Jan. 1:

1215-1330 on 11816v-11825v PAN Tibetan, instead of 11620

1330-1430 on 11816v-11825v PAN Nepali, instead of 11620

1355-1425 on 11816v-11825v PAN open carrier / dead air
(DX Mix-Bulgaria)

9809.98, **AIR Panaji**. Weak at 1230 but came up rapidly and decent signal in just 5 min. Indian Pop mx to W annr in pres. Tamil at 1240, then dead air for 5 min., and audio back at 1245 w/W annr and canned anmnts in possible Hindi. Horrible distorted noise in the audio. Audio cut and test tone for 2 seconds, then off at 1254:17. So this was indeed the one with the test tone yesterday. (Dave Valko-PA 29 Dec.)

15185, **AIR** via Bengaluru, 0412, on Jan 26, with live commentary in English of the parade and cultural pageant of the 69th Republic Day; description of the military regiments marching by, as well as describing the Indian Prime Minister, President and other dignitaries; 0430 mentioned "21 gun salute," followed by National Anthem (instrumental); 0440 the Indian Army Band went marching by, followed by bagpipe marching band. This is the first year that I have ever heard this event on SW. Very nice! (Ron Howard-CA)

INDIA (KASHMIR) 4950.0, **AIR Radio Kashmir, Srinagar** (presumed). On Jan 1, extremely rare situation here with Angola (4949.74) being off the air, leaving frequency clear for Kashmir; a check at 0124 had no signal; at 0134 heard weak signal with announcer; 0141-0144 nice subcontinent singing. Normally Angola is so strong as to block reception of Kashmir, so today was a rare treat! Jim Young in Southern Calif. also noted same reception at the same time. (Ron Howard-CA) 4950.0, **AIR Radio Kashmir, Srinagar** (presumed), 0157-0215*, Jan 8. Best in USB to get away from Angola (4949.74) QRM; subcontinent music/singing; 0200 news (seemed in Hindi), followed by child with commercial announcement; poor due to QRM. (Ron Howard-CA)

INDIA (SIKKIM) 4835, an e-mailed letter from **AIR Gangtok** for an Aug 2, 2017 reception from KiwiSDR site in Bay of Islands NZ. Letter was signed by A. Saha, Deputy Director for Engineering. I noted that the station's e-mail address was airgtk@rediffmail.com which differs from what is listed in WRTH (gangtok@prasarbharati.gov.in). Apparently, some AIR regionals use the rediffmail.com domain but not all. (Bruce Churchill-CA/DXplorer) 4835.0, **AIR Gangtok**, 0058, Jan 2. Tentatively heard the AIR IS, which was later confirmed by Jim Young, listening in Southern Calif. (Ron Howard-CA) 4835.0, **AIR Gangtok**, 0109, Jan 8. Subcontinent music; weak. (Ron Howard-CA)

INDONESIA. 3325, Pro 1 RRI Palangkaraya, 1539, Jan 13. Another day with this being the only active SW Indonesian station. (Ron Howard-CA)

9525.95, **VOI**. So, 3325 (Pro 1 RRI Palangkaraya) remains the only active SW Indonesian station. (Ron Howard-CA) 9525.95, **VOI**, on Jan 22, continues silent through 1402 today (Jan 22). (Ron Howard-CA)

ITALY 7700usb, **Marconi Radio International**, F/D QSL card in 40 days. Email: marconiradiointernational@gmail.com. (Manuel Méndez-Spain/DX Fanzine)

10000, **Associazione Italcable**, F/D QSL card "Stazione segnale orario" in 33 days. E-mail address: info@associazioneitalcable.it. (Alexander Golovikhin-Russia/DX Fanzine)

KOREA (NORTH) 6400, Pyongyang BS, 1450, on Jan 2. A very strong signal here; never before heard at this level; // 3320 (not // 3219.9). Result of better conditions today? (Ron Howard-CA)

KOREA (SOUTH) Fair/good signal of **KBS World Radio**, Dec. 28:

2155-2200 on 11810 KIM KBSWR IS
2200-2300 on 11810 KIM English
(DX Mix-Bulgaria)

Bad winter frequency selection of **KBS World Radio**, Jan. 9:

1355-1400 on 9630 KIM KBS WR Interval Signal
1400-1700 on 9630 KIM English and with co-ch
(DX Mix-Bulgaria)

4885, **Echo of Hope - Voice of Hope** at 1323 in Korean, "V-O-H" ID, woman talking. Good, with no jamming. 3985 was poor under jamming, only weak jammer audible on 6003 and nothing on 6348. Jan 5 (Harold Sellers-BC/DXplorer)

6250, on Jan 15, at 1257, with a rare event; instead of the normal heavy jamming from N. Korea, was able to hear two stations mixing together with no jamming; from the south with the much weaker **Echo of Hope - Voice of Hope** (10 kW) and from the north with **Echo of Unification** (100 kW); 1259 clear "V O H" ID underneath EOU. Usually the jamming is so strong here it's impossible to tell what is going on. (Ron Howard-CA) 6250, on Jan 20, at 1318, another day hearing two stations mixing together with no N. Korea jamming; from the south with a somewhat weaker **Echo of Hope - Voice of Hope** (10 kW) and from the north with **Echo of Unification** (100 kW); "V O H" ID underneath EOU; *1323 jamming started, totally covering both stations. (Ron Howard-CA)

KUWAIT Schedule for the period B-2017 (October 26, 2017 to March 3, 2017):

0500-0800 on 11970 English
0500-0900 on 15515 Main Arabic
0800-1000 on 7250 Persian
0945-1325 on 15110 Main Arabic
1000-1200 on 17760 Filipino
1100-1600 on 9750 Main Arabic
1400-1600 on 11630 Holy Quran
1600-1800 on 15540 Urdu
1700-2000 on 13650 Main Arabic
1800-2100 on 15540 English
2000-0000 on 17550 Main Arabic
(Station Direct)

Reception of *MOI Radio Kuwait* in Filipino on Jan. 2:

1000-1200 on 17760 KBD Filipino, good
(DX Mix-Bulgaria)

Good signal of *Radio Kuwait General Service* on Jan. 3:

0500-0900 on 15515 KBD Arabic AM mode
(DX Mix-Bulgaria)

MADAGASCAR *WCB Madagascar World Voice KNLS New Life Station* on Dec. 30:

1800-1900 on 9570 MWV Russian tx#1, very good
1900-2000 on 9810 MWV Russian tx#2, very good
(DX Mix-Bulgaria)

WCB Madagascar World Voice Radio Fedra on Dec. 30:

1900-2000 on 11945 MWV Arabic tx#1, good
2000-2100 on 11945 MWV Arabic tx#1, good
2200-2300 on 11790 MWV Arabic tx#1, good
(DX Mix-Bulgaria)

WCB Madagascar World Voice the Light of Life, Dec. 30:

2100-2200 on 11610 MWV Chinese tx#1, good
2200-2300 on 9490 MWV Chinese tx#2, good
(DX Mix-Bulgaria)

15155 *AWR Nairobi*. This regional studio's programming is coming in very nicely in English via Talata Jan 7. Not always scheduled to allow good reception, but during this B17 period we can hear the 1830-1900 English transmission recorded in the Kenya studio. Really good African pop influenced

religious songs and accented English announcer, talking to "dear listeners". About midway through broadcast, invited feedback from listeners "by writing to the program producer, *AWR Nairobi*". Address given was *AWR Nairobi*, PO Box 42273, Code 00100, Nairobi, Kenya. Email given as *AWRNairobi@eku.adventist.org*. These guys replied to me last year, quite friendly, so worth a report to eQSL. (Ralph Perry-IL)

MALI 5995, *Radio Mali*, Bamako, *0659-0710, 29-12, tuning music French, ID "...Radiodifusion Television du Mali emettan de Bamako", commets, Arabic songs. 24322. (Méndez-Spain/PlayDX)

MOLDOVA Fair signal of *TWR India* via Grigoriopol, Jan. 2:

1345-1400 on 9950 KCH Marwari Mon-Wed
1430-1445 on 9950 KCH Bhili Mon/Tue
(DX Mix-Bulgaria)

MONGOLIA Weak signal of *Voice of Mongolia* on Jan. 15:

1030-1100 on 12085v U-B Japanese
(DX Mix-Bulgaria)

Fair signal of *Voice of Mongolia* on Jan. 22:

0900-0930 on 12084.9 U-B English
(DX Mix-Bulgaria)

MYANMAR Good signal of *Myanmar Radio* on Jan. 18:

0030-0130 on 7200v NAY Burmese
(DX Mix-Bulgaria)

5915, *Myanmar Radio*. Since Jan 15, has been wonderful to hear this station without the normally dominating strong CRI. Jan 18, (1238 & 1307) still clear of CRI, but as usual QRM from 5920, with the N. Korea jamming of the Voice of Freedom from S. Korea, so best in LSB. So, what happened to CRI? (Ron Howard-CA)

5985, *Myanmar Radio*, 1245-1300, on Jan 10. The Wednesday edition of the language lesson "Say it in English"; this week Tom's aunt Jennifer had a car accident, as she was learning to drive; "If only she had been more careful," "If only she would have listened to me," etc.; fairly readable. (Ron Howard-CA)

6165 & 7345, **Thazin Radio** - *thazinradio6@gmail.com* - **Long-sought eQSL** from Thazin Radio. Been hammering them since 2014 with reports, both letters and emails, with recordings, insertions, postage money, etc., every time I had a new reception. Finally squeezed out a response, using the email address I noticed on their website as being a revised new one. Happy to finally close this one out. (Ralph Perry-IL)

7200, presumed **Mynamar Radio** is playing a song by the male vocalist that sounded like the one that did the "Mothtown Radio" song now at 1228 (Jan 10). (Dave Valko-PA) new frequency 7200.0, Myanmar Radio, 1323-1358, Jan 10. Non-stop lecture (Distance Learning Service), in vernacular; many mentions in English (accented) of "industrial organization" and a few "industrial psychology"; QRM from chatty hams (one mentioned a "foreign broadcast"); without QRM the strong signal would have had good reception; audio ended after theme music at 1356, with transmitter off 1358. Also, being heard over on the East Coast by Dave Valko! (Ron Howard-CA)

NEW ZEALAND Frequency change of **Radio New Zealand Pacific** from Jan. 13:

1059-1258 NF 9890 RAN English, ex 11610 (DX Mix-Bulgaria)

NIGERIA Fair to good signal of **Voice of Nigeria** on Jan. 13:

0700-0800 on 7254.9 AJA French/Fulfulde
0800-0900 on 7254.9 AJA English, weak (DX Mix-Bulgaria)

7254.923, **Voice of Nigeria** Abuja in French at 0711 on Dec 30. News cast. Excellent repair work of Bodo technician at Abuja and Kaduna in past November, nice audio modulation at S=9+25dB strength into North America. At 0715 started special Noel-program with "Holy Night" singer group. But suffered by UTE QRM here in Europe target of 250 Hertz apart distance fast speed machine signal of S=7 strength, on exact 7253.880 and 7254.130 at 0715. (Wolfgang Bueschel-Germany wwdxc BC-DX TopNews Dec 30) 7254.9, VoNigeria - Ikorodu. Hausa service to WAF with anncts and African music at 0535. Fair signal, Jan 18. (Rob Wagner-Australia)

OMAN Radio Sultanate of Oman/Nation Station/ Oman FM 90.4MHz on Jan. 17:

1400-1500 on 15140 THU English, strong signal (DX Mix-Bulgaria)

PAPUA NEW GUINEA 3260, NBC Madang, 1151-1226*, Jan 20. In Pidgin; seemed to be interviews about the disputed 2017 Madang regional election results; first time I have heard this PSA - testing of their emergency announcement system with series of tones followed in Pidgin and tones again followed in English, that if there had been an emergency, listeners should tune to NBC for announcements; suddenly cut off. (Ron Howard-CA) 3260, NBC Madang went off at 1206*, Jan 22, at the end of the NBC news in English. (Ron Howard-CA)

PAPUA NEW GUINEA (BOUGAINVILLE) 3325, presumably NBC Bougainville observed at 1103 but not at 1127, so apparently went off between. 17 Jan. (Dave Valko-PA) Think you just missed NBC sign off. Just as I started to listen to 3325, I had a station there that seemed indeed to be NBC Bougainville, then it suddenly went off the air about 1124 or so. Based on the signal strength, it must have been NBC. RRI very weak. (Ron Howard-CA)

PERÚ 4747.58 is indeed **R. Huanta 2000**. Had an ad/promo block from 2336-2342 (Jan 15). The last was a long announcement by lady who mentioned about a dozen presumed network stations. Got an ID by the live man announcer at 2342 and a full canned ID at 0005. (Dave Valko-PA) 4747.58, R Huanta 2000. Here at 1127 but wasn't there at 1103, so obviously came on sometime between. 17 Jan. (Dave Valko-PA)

4774.91, **R. Tarma**. Starting their nice full canned ID w/calls and freqs over dramatic mx bed at 1101 t/in. Then intro for upcoming daily pgm "Antena Informativa". Still readable at 1127 recheck but fading quickly. Ments of informativa, Peru, Cusco, and Lima. No longer readable at 1135. 17 Jan. (Dave Valko-PA)

6173.88, **R. Tawantinsuyo**. Seemed a little stronger than usual at 1038 t/in on 6173.82 and wasn't doing the nx which is usually the case at this hour. Instead was playing some OA *camposina* mx. Drifting up rapidly, so must have come on just before I tuned in. 1042 long canned SP anmnt by M w/ echo, then back to mx. Found it was // to their webstream. Still going w/mx to at least 1101. 17 Jan. (Dave Valko-PA)

PHILIPPINES Reception of *Radio Veritas Asia* RVA on Jan. 15:

1200-1227 on 11760 PUG Karen, strong
(DX Mix-Bulgaria)

Reception of *Radio Veritas Asia* RVA on Jan. 16:

1230-1257 on 15225 PUG Kachin, good
(DX Mix-Bulgaria)

Fair/good signal of *FEBC Radio*, Jan. 20:

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

11870.006, *RVA* Palauig-Zambales, in 'Chin' language from 1300, TX already on air at 1327, given many R Veritas stn IDs in English before regular start at 1330-1400. Sidelobe signal into Seoul Korea at S=7 level. (Wolfgang Bueschel-Germany wwdxc BC-DX TopNews Dec 30)

11900, *Vatican R.* - Tinang. Vietnamese to SEAs at 2320. Started out as a fair signal but by s/off at 0000 it had almost faded. Jan 6. (Rob Wagner-Australia)

17700, *R. Pilipinas*, on Jan 1, with well above average reception; very readable; 0203 montage of recordings of past presidents; 0212 - show "It's more fun in the Philippines" (tourist program); 0318 year-end review of highlights from the "Dateline Malacañang" programs; special year end PBS news review (president's "War on drugs"); 0328 closing ID with the correct frequencies given; National Anthem; 0329*; this frequency much better than // 15640 or 17820. (Ron Howard-CA)

ROMANIA Reception of *IRRS EGR/UN Radio* via ROU RadioCom, Jan. 21:

1030-1300 on 9510 SAF English Sun, weak/fair
(DX Mix-Bulgaria)

RUSSIA No signal of *GTRK Radiocompany Adygeyan Radio*, Jan. 8:

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

Reception of *Radiocompany Adygeya/Adygeyan Radio*, Jan. 19:

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

7345, *Radio Sakha*, via Yakutsk, on Jan 12, carrier already on at 0258; ToH 3+1 time pips (again without any IS); ID and news; later some nice ballads, along with a call-in show; 7295 still not used as a // frequency. (Ron Howard-CA) 7345, *Radio Sakha*, via Yakutsk. Jan 13 (Saturday), at 0200, with time pips and ID; weekend schedule 0000-0500, while weekdays is 0300-0500; again, being heard at ToH without their distinctive Jew's harp (khomus) IS. (Ron Howard-CA)

SAUDI ARABIA 11745, *Al-Azm Radio* - Jeddah (?). Heard fading in at 0535 with Arabic songs. Previously scheduled to s/on 0700, but perhaps running 24-hrs now?? A weak signal to start, and deteriorated even further by 0700, Jan 4. (Rob Wagner-Australia)

SOLOMON ISLANDS The national broadcaster, SIBC, is taking drastic and desperate measures to stay on air. This comes after Solomon Power's recent disconnection of SIBC's power supply due to a \$65,000 outstanding bill. The national broadcaster, which has the furthest reach and relied on by the rural populace, currently runs on generators, which are expensive to maintain. Chief Executive Officer Ashley Wickham told the Sunday Star they are taking every possible measure available to keep the station on air. "We've already shutdown the medium wave (MW) transmitter because of the situation," Wickham said. "Only the Short Wave (SW) transmitter is still being maintained because it reaches the whole country," he added. Wickham said their poor financial situation came about as a result of the government's critical cash flow problem. (Solomon Star National News by Lynnisha Runa via New Zealand DX Times and TopNews 24 Dec.)

5020, *SIBC*, 1211-1346*, on Jan 22. Mostly just carrier heard, but at times very faint music could be made out; continuing to have serious problems with low modulation. (Ron Howard-CA)

SOMALIA Fair signal of *Radio Hargeysa* on Jan. 16:

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

SUDAN Weak/fair signal of *Radio Omdurman Sudan*, Jan. 13:

0700-0800 on 7205 ALF Arabic
(DX Mix-Bulgaria)

7204.0, off frequency, *Sudan Radio* (presumed), 0447, Jan 20. Sounded to be in Arabic, but weak; nothing on 7205.0. (Ron Howard-CA) Radio Omdurman Sudan was back on nominal 7205, Jan.21-22. (DX Mix-Bulgaria)

7360, *Sudan Nation Broadcasting Corporation* presumed the one at 2024 in Arabic with Islamic Call to Prayer then a man with brief talk and into stringed instrumentals at 2027 then a trumpet sound at 2030 and into possible news - Poor to Fair with CCI from AWR Guam Jan 6. (Mark Coady-Canada via Mosquito Coast DX News - DX South Florida) Be careful of scheduled Iran from 2020-2120 in Spanish with similar programming. (RAD)

SURINAME 4989.98, *R. Apintie*. Had a few nice peaks on earlier this morning (Jan. 13) at 0950 and ID 2 minutes later. (Dave Valko-PA)

SWAZILAND Reception of *Trans World Radio Africa*, Dec. 29:

1400-1415 on 15360 MAN Urdu, good
(DX Mix-Bulgaria)

Reception of *Trans World Radio Africa* via Manzini on Jan. 6:

1802-1902 on 9500 MAN English Sat, good/weak
(DX Mix-Bulgaria)

Strong signal of *Trans World Radio Africa*, Jan. 9:

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

TAJIKISTAN Reception of *Voice of Tajik* in English on Jan. 15:

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

THAILAND Reception of *HSK9 Radio Thailand World Service*, Dec. 30:

1230-1300 on 9390 UDO English, fair/good

1400-1430 on 9390 UDO English, weak/fair
(DX Mix-Bulgaria)

UNITED KINGDOM *Radio Akhbar Mufriha* via BaBcoCk Woofferton, Jan. 21:

2100-2115 on 7300 WOF Tachelhit
2115-2145 on 7300 WOF Arabic
(DX Mix-Bulgaria)

Radio Taiwan International via BaBcoCk Woofferton, Jan. 8:

1900-2000 on 3955 WOF German, very good
(DX Mix-Bulgaria)

KBS World Radio via BaBcoCk Woofferton on Jan.8

2000-2100 on 3955 WOF German, good
2100-2200 on 3955 WOF French, good
(DX Mix-Bulgaria)

USA Ampegon says it is about to deliver and install its first rotatable shortwave high-power array antenna on the North American continent. The system, which will be installed WBCQ in the United States, is designed for the transmission of shortwave signals of up to 500 kW, the high-power antenna offers different radiation patterns, an antenna gain of up to 23 dB and uses a technology characterized by a single-shaft structural design. The tubular shaft with a diameter of four meters acts as a rotatable and supporting axis that is able to absorb static and dynamic forces originating from antenna components. This, explains Ampegon, allows the system to function under extreme weather conditions. The antenna is made up of a low-band and a high-band array antenna, positioned back to back, each equipped with a reflector screen. Thus, WBCQ can access all shortwave frequency bands between 6 MHz and 26 MHz. In addition, Ampegon points out that the computer-controlled and monitored system offers unlimited rotation capacity and will turn toward the coverage area using the shortest possible path. (Radio World) Now all they need is a working transmitter. (RAD)

Due to legal difficulties, as of January 1st, 2018, the Overcomer Ministry will not be broadcasting on AM/FM radio and Shortwave. The Overcomer Broadcast will continue on satellite, telephone, and this website stream. (Website via Rich Cuff-PA)

I caught the end of this interview just after noon today (Jan 15). Allen Weiner was being interviewed on WRMI: The transmitter that burned was the original WBCQ transmitter, a Harris, which was converted from MW use. A plastic assembly burned, fanned by the blowers. It spanned two assemblies. Because of being fanned by the blowers, the fire was incredibly hot. The problem was not with replacing the plastic parts, but with irreplaceable aluminum parts which melted due to the heat of the plastic fire. Fire alarm never went off. Happened early Sunday morning when unattended. Weiner discovered it and shut it down. Sounds like the fire company was never called. Weiner put out the fire with a CO2 extinguisher. Some bits--diode stacks--were still burning when he wandered in. Things in the transmitter building are covered with black smoke debris and this is being cleaned. Power supplies are okay. (Ron Hunsicker-PA) Very limited SW schedule of **WWRB** Global 1, 12 hours per week:

2300-2400 on 3215 WRB English Sat/Sun
0000-0200 on 3215 WRB English Sun/Mon
0200-0500 on 3195 WRB English Sun/Mon

Transmissions of **WWRB** Global 2 are already inactive at present:

0200-1200 on 3185 WRB formerly BS TOM
1200-0200 on 9370 WRB formerly BS TOM
(DX Mix-Bulgaria)

VATICAN Radio Japan NHK World via SM di Galleria, Jan. 10:

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

VIETNAM Voice of Vietnam English program:

0000-0030 on 7315
0100-0130 on 6175
0230-0300 on 6175 7315
1000-1030 on 9840 12020
1100-1130 on 7285
1230-1300 on 9840 12020
1500-1530 on 7285 9840 12020
1600-1630 on 7220 7280 9550 9730
1800-1830 on 5995
1900-1930 on 7280 9730
2130-2200 on 7280 9730
2030-2100 on 7220 9550
2330-0000 on 9840 12020
(Station Direct)

VOV, 12019.120 // 9839.798 (thanks to Wolfie for exact measurements), on Dec 31, in English at 1133, with item about Vietnam successfully controlling inflation, etc; per Wolfie, both via Son Tay site, whereas Aoki listed "Hanoi-Sontay"; both equally fair. (Ron Howard-CA)


ZAMBIA 4965, **Voice of Hope Africa**, 1613, Jan 3. Via long path; religious songs; in English; almost fair. (Ron Howard-CA)

5915, **R. One/ZNBC**, at 0415, on Jan 20. "Zambia National Broadcasting Corporation" and "Radio One"; call of the African Fish Eagle with music; "One Zambia, one nation"; news in vernacular; 0420 end of the news with "Radio One" ID. (Ron Howard-CA) 5915, **ZNBC/Radio One**. Jan 23, very late starting! 0313 no signal; 0344 found on the air with pop African music/singing; 0400-0405 with long commercial announcement in vernacular for GOtv Plus and GOtv Max; almost fair. (Ron Howard-CA) 6065, **V of Hope** - I just caught the Voice of Hope Africa closing at 1930 (16 January) in English as per schedule dated 12 January:

0500-0800 on 9680, 11680 Mon-Fri
1600-1930 on 4965, 6065 Mon-Fri (1900 after Feb 16)
1200-1700 on 9680, 13680 Sat/Sun
1700-1730 on 9680 Sun only
(Alan Roe-UK)

ZANZIBAR 6015, **ZBC Radio**, 0338, on Jan 23. In Swahili with many mentions of Dar es Salaam; 0341 usual format of brief chant and song, as well as clear mention of "Zanzibar." (Ron Howard-CA)

11735 **ZBC**. Was just looking for the English news at 1800 but found what is apparently a Soccer match. I did a quick search online but can't find anything Zanzibar would be involved in. There's some good shouting at times much like the Brazilians. Great stuff!! Just found out it's the URA (Uganda) facing Azam FC (Zanzibar) for the Mapinduzi Cup title in Soccer. ZBC just broke away from the match to play Afro Pops now at 1820. (Dave Valko-PA) Second half noted in Wyomissing. Thanks Dave! (RAD)

Schedules, news and other information about short-wave broadcasting activity can be sent to Richard A D'Angelo, 2216 Burke 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. The only major holiday in February, President's Day, falls on February 19 this year. So, we can continue to anticipate increased pirate radio activity during the weekend including the Monday holiday on February 19.

One major upside this month is that darkness propagation in North America continues with frequent excellent conditions, and seasonal static levels on the shortwave bands continue to be at their low point during the entire year.

Your editor looks forward to seeing many of you on March 1-3, 2018 at the 31st annual Winter Shortwave Listeners Fest at the Doubletree Guest Suites West in Plymouth Meeting, Pennsylvania. As always, pirate radio will be among the numerous interesting topics covered at this NASWA-sponsored event.

Pirate busts by the FCC during the past month were heavily concentrated in the New York City metro area and in Florida as usual. The FCC issued a Notice of Unlicensed Operation to Ludwig Freiberg for operating an FM pirate on 90.7 MHz from a residence in Oxford, NJ. The FCC issued a Notice of Unlicensed Operation to Milka Placencia for operating an FM pirate on 102.9 MHz from his residence in Perth Amboy, NJ. The FCC issued a Notice of Unlicensed Operation to Richard Hairston for operating an FM pirate on 96.7 MHz from his residence in Erie, PA. The FCC issued a Notice of Unlicensed Operation to Vladimir Rosario for operating an FM pirate on 104.7 MHz from a residence in Bronx, NY. The FCC issued a Notice of Unlicensed Operation to William Batiste for operating an FM pirate on 91.3 MHz from a property in Newark, NJ. The FCC issued a Notice of Unlicensed Operation to

David Cange for operating an FM pirate on 107.5 MHz from a residential property in Dorchester Center, MA. The FCC issued a Notice of Unlicensed Operation to Ignace Jean-Charles for operating an FM pirate on 106.3 MHz from a residential property in Mattapan, MA. The FCC issued a Notice of Unlicensed Operation to Pastor Nana Frimpong of Power Tabernacle Ministries for operating an FM pirate on 107.5 MHz from the Power Tabernacle Ministries church in East Hartford, CT. The FCC issued a Notice of Unlicensed Operation to Ray Daniels for operating an FM pirate with an ID of World Hype Radio on 100.9 MHz from a residence in Stroudsburg, PA. The FCC issued a Notice of Unlicensed Operation to Jason Bird for operating an FM pirate on 88.5 MHz from his residence in Las Vegas, NV. The FCC issued a Notice of Unlicensed Operation to Rose Monique Almonor for operating an FM pirate on 98.5 MHz from a residence in Pompano Beach, FL. The FCC issued a Notice of Unlicensed Operation to Vilmord Simon for operating an FM pirate on 103.1 MHz from his apartment in Miami, FL. The FCC issued a Notice of Unlicensed Operation to Brindley Marshall for operating an FM pirate on 97.7 MHz from a residential property in Miami, FL. The FCC issued a Notice of Unlicensed Operation to Christopher W. Suesle for operating an FM pirate on 95.3 MHz from his property in Pleasant Valley, NY. The FCC issued a Notice of Unlicensed Operation to Fabian Gaskin for operating an FM pirate on 99.9 MHz from Gray Auto and Title Services in West Orange, NJ. The FCC issued a Notice of Unlicensed Operation to Nicolas Ronald for operating an FM pirate on 107.7 MHz from a property in Orange, NJ. The FCC issued a Notice of Unlicensed Operation to Taylor Shephard for operating an FM pirate on 87.9 MHz from The Music Box Village in New Orleans, LA. The FCC issued a Notice of Unlicensed Operation to Yvon Grandchamps for operating an FM pirate on 104.7 MHz from his Radio Energy business in Mattapan, MA. The FCC

issued a Notice of Unlicensed Operation to Francisco Guzman for operating an FM pirate on 100.7 MHz from Iglesia la nueva Jerusalem church in Baton Rouge, LA. The FCC issued a Notice of Unlicensed Operation to Cesar Gerlens for operating an FM pirate on 90.1 MHz from a multi-family residence in Boston, MA. The FCC issued a Notice of Unlicensed Operation to Dominique Donna for operating an FM pirate on 92.1 MHz from her residence in Randolph, MA. The FCC issued a Notice of Unlicensed Operation to Patrick Jean Romain for operating an FM pirate on 90.1 MHz from his property in Boston, MA. The FCC issued a Notice of Unlicensed Operation to Wayne J. Manning for operating an FM pirate on 104.1 MHz from The Omega International Ministries Inc. in West Palm Beach, FL. The FCC issued a Notice of Unlicensed Operation to Blossom Dickinson for operating an FM pirate on 92.1 MHz from her property in Miramar, FL. The FCC issued a Notice of Unlicensed Operation to Country Wide Mortgage Funding, LLC for operating an FM pirate on 90.9 MHz from a commercial property in Oakland Park, FL.

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.

Blue Light R. 6930 2240-2255 12/21/17 poor to fair. Prgm of Xmas mx w/ID's after each song. (Montney-MI)

Buddha R. 6925.8p 2231-2252 1/5/17 poor. Prgm of classic rock mx. (Taylor-WI)

Clever Name R. 6940 2251-0028 12/13/17 fair. Prgm of rock, blues, and rap mx w/ Geico Insurance ad parody. (Montney-MI)

Clever Name R. 6940 0023 12/13/17 S8. Prgm of "heavy beat mx." (Hauser-OK)

Clever Name R. 6940 2357-0002* 12/14-15/17 fair. Prgm of rock mx. (Montney-MI)

Clever Name R. 6940 2225 12/16/17 poor w/fading. Prgm of punk rock mx w/OM & YL ancrs. (Taylor-WI)

Clever Name R. 6940 2225 12/16/17 poor w/fading. Prgm of rock mx. (Hauser-OK)

Clever Name R. 6940 0304 1/6/18 good. Prgm of rock & rap mx. (Taylor-WI)

Clever Name R. 6940p 0008-0026 1/6/18 good. Prgm of rock & rap mx. (Hauser-OK)

Channel Z R. 6965 2125-2145* 1/13/18 fair. Prgm of punk rock and rock oldies mx. (Montney-MI)

Cool AM R. 6940 2315-2348* 1/8/18 fair. Prgm of rock mx ancd as relay via Clever Name R. (Montney-MI)

Cool AM R. 6940 2315 1/8/18 fair. Prgm of rock mx ancd as relay via Clever Name R. (Taylor-WI)

Molester Stair Numbers Station 6950 2115 12/30/17 poor. Brother Stair reading random numbers in a funny parody. (Taylor-WI)

Pee Wee R. 6940 0036-0122 12/17/17 fair w/fading. Prgm of various Xmas mx. (Taylor-WI)

Pee Wee R. 6950 0108-0114 12/25/17 poor. Rock mx prgm. (Taylor-WI)

R. Free Whatever 6950 2058-2157 1/1/18 good. Stavin w/Russian accent prgm of instr rock mx celebrating 6 years on the air and first show of 2018. (Montney-MI)

R. Free Whatever 6950 2132-2200* 1/1/18 fair. Prgm of rock mx and discussion of Yaesu vs. Icom equipment. (Hauser-OK)

R. Free Whatever 6950 2058 1/3/18 good. Stavin w/ repeat of New Years Russian accent prgm of instr rock mx celebrating 6 years on the air and first show of 2018. (Montney-MI)

R. Free Whatever 6950 2100-2205* 1/15/18 fair. Soviet Union NA into Dick Weed w/ prgm of rock mx. (Taylor-WI)

R. Illuminati 6920 1632-1653 12/23/17 poor to fair. Prgm of rock mx. (Montney-MI)

R. Lupo 6973 0046-0112 12/27/17 poor. Argentina pirate, this date was the best reception yet. Hrd using Don Moman's Welbrook loop. Horacio Nigro says that this one uses 25 watts. (Kusalik-Alberta)

R. USA 6930 2214 12/30/17 poor to fair occasionally Xmas prgm of a Nazi Xmas from this old timer. (Taylor-WI)

R. USA 6930 2229-2257* 12/16/17 S4-S6. Nazi Xmas prgm w/German content. (Hauser-OK)

Retan lo que Tienes 1710p 0630 12/18/17 poor w/fading. Spanish language preacher, presumed to be Baton Rouge, LA pirate. (Hauser-OK)

Underdog 6955 0015 12/21/17 poor to fair occasionally. Mostly guitar mx but also ID by synthesized vox and Underdog SSTV image at close. (Taylor-WI)

Unidentified R. 6940 2247 12/28/17 fair to good. Not unid; the ID was actually "Unidentified R." Prgm of rock & rap mx. (Montney-MI)

Unidentified R. 6940 DSB 2300-2320 12/28/17 mixed. Not unid; the ID was actually "Unidentified R." Prgm of rock & rap mx w/best ID hrd by an OM synthesized vox. Unstable modulation. (Hauser-OK)

Unidentified R. 6940 2249-2204* *2311-2316* 12/28/17 fair. Not unid; the ID was actually "Unidentified R." Prgm of rock & rap mx. Appears to be associated w/Clever Name R. (Taylor-WI)

Unidentified R. 6940 2354 1/1/18 fair. Not unid; the ID was actually "Unidentified R." Prgm of rock & ballad mx. (Taylor-WI)


WDDR 4015 0225-0415 1/1/18 good. Prgm of rock mx w/call ltrs standing for Drunken DJ Radio. (Taylor-WI)

WLVS 6940 2226-2256 12/17/17 fair to good. Prgm of Elvis Presley mx. (Montney-MI)


Wolverine R. 6950 0006 1/14/18 good to fair. Prgm of rock, blues, and big band mx. (Taylor-WI)

Yeti R. 6925.8 2329-2354* 1/13/18 poor to fair. Prgm of classic rock mx. (Taylor-WI)

NASWA Facebook Page

Join moderator **Richard Murphy** <richard.murphy@swri.org> at the club's Facebook page which provides members with another way to keep in touch. This group is intended for social interaction between the club members. Group members must be NASWA members. Comments and suggestions from the membership are welcome. To locate the NASWA Facebook page, simply enter "North American Shortwave Association" into the search box. If you are into social media, give it a try. 

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. 

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



ANGOLA: Radio Nacional de Angola 4949.75 The station verified my electronic report with a partial data Word attachment confirmation letter from v/s Josefa Kanzuela in 4 days. Josefa's email address is josela.mami@hotmail.com (D'Angelo-PA).

FRANCE: Radio Tajan International 11955 via Issoudun The station verified my electronic report with a full data "Happy 88th Anniversary" card in 18 days. They also included

a separate "Caodi Wetlands" card as a souvenir. (D'Angelo-PA).

ROMANIA: Radio Romania International 6130 The station verified my electronic report with a full data "Cetatea Hera Stronghold" card in 52 days. They also included a Winter 2017-2018 broadcast schedule that contained some local Romanian photographs. (Sives-NJ). ..Thanks Ron. Another new contributor from South Plainfield, New Jersey...Sam

SLOVAKIA: Radio Slovakia 11580 via WRMI Radio Miami International (my error should be listed as USA...Sam) The station verified my electronic report with a full data card in 44 days. The front of the card shows a young woman wearing a "Parta" which is a bridal crown of assorted flowers - an item of traditional women's folkwear. (Sives-NJ).

SOUTH AFRICA: Channel Africa 15235 via Meyerton The station verified my electronic report with a full data "Transmitter Building" PDF attachment in 339 days from v/s Sikander Hoosen, High Frequency Coverage Planner at Sentech. (D'Angelo-PA).



Well I guess this will end yet another NASWA QSL Column. We thank our

new Contributor for sending in his report. Hope to hear from you Ron and many more of you out there for next month...Sam.



EQSL #47

Chris, Thank You for your report of Oct 15, 2011 at 0331z on 6925 Khz AM. Thanks for the report VIA email. Power output about 150 watts into a inverted V antenna up 55-60 feet. 73 DE Radio True North

Contributors' Page

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Scott BARBOUR, Intervale, NH
Ed CICHOREK, Somerset, NJ
Rich CUFF, PA
Rich D'ANGELO, Wyomissing, PA
Mick DELMAGE, Sherwood Park, ALB

Ron HUNSICKER, PA
Bill McGUIRE, Cheverly, MD
Ralph PERRY, IL
Pamela PRODAN, Wilton, ME
Alan ROE, Teddington, UK
Ronald SIVES, South Plainfield, NJ
David TURNICK, Sinking Spring, PA

NRD545, MLB-1, 200' Beverages, 60m dipole
IC-R-75, SW-8, ICF-2010, Eavesdropper
No equipment listed
RX340, R8B, E1, E5, DX Sloper, Mini-Windom, FL3, ANC4
Perseus SDR, Wellbrook ALA-100, Collins HF-2050,
KLM 7-30 MHz log periodic
No equipment listed
DX-380
No equipment listed
YachtBoy 400PE
Winradio G31 Excalibur,, ELAD FDM-S2 17m long wire
Eton field radio and 66' SWL dipole
RX340, WinRadio G31DDC, Alpha Delta DX sloper,
49m dipole



2000-30000 kHz

Loggings

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

- 3240 SWAZILAND *Trans World Radio* - Mpangelo Ranch, 0331-0346* Poor. (D'Angelo-PA/FCDX)
3310 BOLIVIA *Radio Mosoj Chaski* - Catapachi, 2256-2316 Dec 6, fast talking woman announcer speaking in Quechua language with rustic vocal music selection. At top of hour a male hosted program. Poor. (D'Angelo-PA/FCDX)
3915 SINGAPORE *BBC* - Kranji, 2226-2257 Dec 5, several mentions of BBC followed by English language talk features. Poor to fair. (D'Angelo-PA/FCDX)
3955 UK *KBS World Radio*, Woofferton, 01/03, 2105. French. At 2145 The program "Aux sources de la musique coréenne" with some traditional Korean songs. 55544. (Roe-UK)
3965 FRANCE *Radio France Int'l*, Issoudun, 01/02, 2035. French. La bande passante with live music sessions from 2017 followed at 2110 with Couleurs Tropicales, with an interview and music by Caribbean singer Lycinaïs Jean from her first album. DRM: 14dB. (Roe-UK)
3975 GERMANY *Shortwave Radio* (tests), Winsen, 01/04, 1702. English. Staffords World (Mark Stafford) - Music and features about musicians who died in 2017. 45433. (Roe-UK)
3985 GERMANY *Radio Slovakia Int'l*, Kall, 01/05, 2000. English. New Year fitness resolutions and Musical Crossroads (on a theme of Three Kings). 35233. (Roe-UK)
3995 GERMANY *HCJB Deutsche*, Weenermore, 12/15, 1515. German. Christian religious songs in various styles (C&W, Soul and pop) with a male presenter. 45433. (Roe-UK)
3995 GERMANY *HCJB Deutsche*, Weenermore, 01/04, 1935. German. Some rather pleasant sort of pan-pipe type music, some with piano accompaniment. 45433. (Roe-UK)
4764 PERU *Radio Huanta 2000* - Huanta, 2251-2303 Dec 5, end of OA vocal followed by man announcer with Spanish language talk, station ID and announcements followed by more music. Fair with slight CODAR QRM. (D'Angelo-PA/FCDX)
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4765 CUBA *R Progreso* Spanish 0045-53 music, incl "Here's to You Mrs. Robinson" in English; poor 11/4 (Prodan-ME)
4775 PERU *Radio Tarma* - Tarma, 2214-2246 Dec 5, long Spanish language talk by a man announcer followed by some OA vocals. Nice siren followed by a station ID at 2238. Fair with light CODAR QRM. (D'Angelo-PA/FCDX)


- 4800 **CHINA** *Voice of China* - Golmud, 1105-1136 Dec 6, man and woman announcers in Chinese language with flute music in the background. Seemingly news at 1106 with remote reports. Music fanfare at 1110 followed by another man speaking. Poor with some QRM from CODAR. (D'Angelo-PA/FCDX)
- 4810 **ARMENIA** *Armenian National Radio*, Yerevan, 12/23, 1710. Turkish/Azeri. Talk by various women, with national Anthem at 1715 as Turkish program starts, and again at 1730 as the Azeri program starts. 25432. (Roe-UK)
- 4820 **CHINA (Tibet)** *Xizang PBS* - Lhasa, 1056-1137 Dec 6, woman announcer with Chinese language talk followed by a man prior to 1100 ID and instrumental music. Another long talk followed. Poor to fair with light CODAR QRM. (D'Angelo-PA/FCDX)
- 4840 **USA** *WWCR* Nashville, TN 1225-58 "World Wide Country Radio" all Elvis, mostly 1970s; fair 11/18 (Prodan-ME)
- 4885 **BRAZIL** *R Clube do Pará* Portuguese 0400 m ann; fair-good 11/16; also on 11/26 but poor+ 0215-0234 f singer in English "I am what I am"; m singer "come on and celebrate"; more; (Prodan-ME)
- 4930 **BOTSWANA** *Voice of America*, Mopeng Hill, 12/14, 2005. English/VV. "Women's RoundTable" in a mix of English and local languages. 35322. (Roe-UK)
- 4930 **BOTSWANA** *Voice of America* - Mopeng Hill, 2201-2232 Dec 5. Tuned in to the news in the English language followed by a music program hosted by a male announcer (D'Angelo-PA/FCDX)
- 4949 **ANGOLA** *Rádio Nacional de Angola* - Mulenvos, 0150-0220 Dec 7, continuous vocals until 4-time pips at 0200 followed by station ID and news in Portuguese language. Poor to fair. (D'Angelo-PA/FCDX)
- 4955 **PERÚ** *Radio Cultural Amauta* - Huanta, 2331-2353 Dec 5, talk by a man and woman announcer in the Spanish language followed by an OA vocal selection. Program mainly of long talks. Poor. (D'Angelo-PA/FCDX)
- 4965 **ZAMBIA** *Voice of Hope* at 1625 UTC Dec 5 in English with ID and Christian pop music. Very Good (Delmage, AB)
- 4985 **BRAZIL** *Radio Brasil Central* - Goiânia, 2304-2333 Dec 5, peaking through the usual RTTY QRM with fair signal with a woman announcer with Portuguese language talks hosting a music program. Several IDs and announcements. (D'Angelo-PA/FCDX)
- 4990 **SURINAME** *Radio Apintie* - Paramaribo (very tentative), 2220-2237 Dec 6, very weak signal but occasional talk by a man announcer heard. Could have been Dutch but not really sure as very weak signal with deep fades. Very tentative at best. (D'Angelo-PA/FCDX)
- 4990 **CHINA** *Human PBS* - Changsa (presumed), 1005-1023 Dec 7, looking for Radio Apintie but noted Chinese talk and music. Definitely, a Chinese station but too weak to get station ID. (D'Angelo-PA/FCDX)
- 5045 **AUSTRALIA** *Ozy Radio* 1607 UTC December 4 with ABC News about Australia followed by Business and sports news. ID at 1611 followed by music "Though The Years" by Tim Finn. The World at 1614 UTC with World News. An ad for shortwave radios from I believe Tecsun Radio aired at 1637 UTC followed by Laughing Kookaburra and Waltzing Matilda and request for reception reports. Good (Delmage, AB4920)
- 5085 **USA** *WTWW*, Lebanon, 12/21, 0505. English. A nice selection of Christmas songs for early in the morning here in the UK. 25332. (Roe-UK)
- 5840 **DENMARK** *World Music Radio*, Randers, 01/07, 1640. Music. New station from Denmark currently running at 100W. Latin American (Cuban?) music and some reggae songs. 25332. (Roe-UK)
- 5845 **ARMENIA** *IBC Radio, Gavar*, 01/03, 2000. English. Italian Shortwave Panorama ep 89. Listener's Letterbox and an MFSK32 transmission. 55333. (Roe-UK)
- 5875 **THAILAND** *Radio Thailand* - Udorn, 1114-1133 Dec 6, man with English announcements prior to bells/gongs between programs. A man gave station ID "This is Radio Thailand World Service broadcasting from Bangkok". Mandarin program commenced. Fair to good. (D'Angelo-PA/FCDX)
- 5910 **ROMANIA** *R Romania Int'l* Romanian 0102-10 m & f in discussion; good 11/4 (Prodan-ME)
- 5910 **COLOMBIA** *Alcaraván Radio* - Puerto Lleras, 0318-0352 Dec 6, man announcer with long religious talk in the Spanish language. Thanks to Dave Valko tip. Fair to good signal. Re-check after 0400 and apparently closed down. (D'Angelo-PA/FCDX)
- 5930 **ARMENIA** *NDR Gruß a Bord, Gavar*, 12/24, 2230. German. Talks by various people and Christmas related music. 55444. (Roe-UK)
- 5935 **ROMANIA** *Radio Romania Int'l*, Tiganesti, 12/22, 1800. English. Roots (about St. Ignatius Day customs) and Truly Romanian (with traditional Romanian carols). 55555. (Roe-UK)
- 5935 **FRANCE** *Radio Taiwan Int'l*, Issoudun, 01/07, 1712. Russian. RTI jingle, followed by talk by man and a woman. 35333. (Roe-UK)
- 5940 **FRANCE** *Radio. Algerienne* - Issoudun 12/9, 2104- 2109 in FR; YL is talking, then questioning or interviewing an OM.SIO 222 (Sives-NJ)

- 5940 **ETHIOPIA Radio Deegaanka** Soomaalida - Jijiga (presumed), 1948-2000 Dec 6, long vocal selection with flutes that continued until blasted away by R. Algerienne-Issoudun at *2000. Poor signal. (D'Angelo-PA/FCDX)
- 5950 **ETHIOPIA Voice of Tigray Revolution** - Addis Ababa, *0254-0301 Dec 6, familiar IS to opening announcements which were essentially wiped out by GRM. Quite poor. (D'Angelo-PA/FCDX)
- 5952 **BOLIVIA Radio Pio Doce** - Siglo, 0214-0230* Dec 6, caught a few musical selections prior to a man announcer in the Spanish language with station ID and closedown announcements followed by Colonel Bogey March. Poor to fair. (D'Angelo-PA/FCDX)
- 5960 **TURKEY Voice of Turkey** at 2300 12/14 in EE. Freq sched. Good. (McGuire-MD)
- 5960 **FRANCE NHK R Japan** Japanese 0305-15 m speaking; fair-good 11/16 (Prodan-ME)
- 5960 **GERMANY Mighty KBC** 0008- 0140 Brian Hyland, Sealed With a Kiss; Wonderful One; My Girl; Sam Cooke, Bring it on Home to Me; Fleetwood Mac, Shake Your Money Maker; more; good at start, then fair 11/18 (Prodan-ME)
- 5960 **ALBANIA China Radio Int'l**, Cerrik, 12/14, 2040. English. Alight on Literature with another repeat reading of "A Floating Life". 55444. (Roe-UK)
- 5960 **ASCENSION Dandal Kura Radio**, Ascension, 12/21, 0530. Kanuri (listed). Lots of excited talk - sounds like they are outside, maybe at a rally or similar. 35333. (Roe-UK)
- 5960 **TURKEY Voice of Turkey** Emirler, 01/05, 2300. English. High on the Agenda (about Iran) and Turkey in a Nutshell (about Anatolian Civilizations in the early periods of history). 55444. (Roe-UK)
- 5960 **ALBANIA CHINA RADIO INT'L** - Cerrik 12/9, 2110-2115 in EE; talk about male nurses who have become disgruntled with their profession. SIO 333 (Sives-NJ)
- 5980 **TURKEY Voice of Turkey** - Emirler, 12/9, 2048-2055 in listed Turkish; very nice song of indigenous music with female vocalist followed by talk between two lively YL.SIO 212 (Sives-NJ)
- 5985 **JAPAN Radio Japan**, Yamata, 12/08, 1120. Russian. Talk by male and female presenters talking alternately. Rock song at the end of the program. Surprised to get this on 49mb direct from Japan at this time of day. 25432. (Roe-UK)
- 5990 **CHINA China Radio Int'l** at 0000 on 10/29 in SS. Political news. (McGuire-MD)
- 5995 **MALI Radio Mali (ORTM)**, 2234-2256 Dec 6, man announcer with French language talk speaking to another man from a remote location. Music programming followed hosted by a man and woman announcers. Poor to fair signal. However, the studio modulation seems fine until this "carrier" pops on the channel. (D'Angelo-PA/FCDX)
- 6005 **GERMANY RAE Argentina**, Kall, 12/20, 1040. German. Talk by a woman and then some Argentinian music. 35333. (Roe-UK)
- 6015 **ZANZIBAR Zanzibar Broadcasting Corporation** - Dole, 0303-0345 Dec 6, male vocals cutting through the ether followed by a man with Swahili language talk. Spotted by John Figliozzi. Poor signal. 0315-0340 Dec 7, with decent signal tonight. (D'Angelo-PA/FCDX)
- 6020 **CHINA China Radio Int'l** at 0000 12/9 in EE. ID & Economic News'. (McGuire-MD)
- 6020 **ALBANIA China R Int'l** English 0022-26 m & f talking about joking around, showing affection & emotions, etc, while growing up in China; good 11/13 (Prodan-ME)
- 6020 **ROMANIA Radio Romania Int'l**, Galbeni, 12/14, 0425. English. Music Highlights - two classical tunes in memory of King Michael who passed away recently. 55555. (Roe-UK)
- 6030 **ROMANIA Radio Romania Int'l**, Galbeni, 01/07, 2135. English. The Cooking Show: Chicken recipe and RRI Encyclopedia: History of schnapps. DRM: 18dB. (Roe-UK)
- 6050 **ECUADOR HCJB Voice of the Andes** 0226-33 Andean music, f ann, national anthem?; m ann & off; fair-good 11/14 (Prodan-ME)
- 6050 **ECUADOR HCJB** - Quito, 0230-0232* Dec 6, man announcer with Spanish language closedown announcements followed by orchestral National Anthem. After National Anthem a man could be heard beginning another program before the carrier was terminated. Fair. (D'Angelo-PA/FCDX)
- 6065 **ZAMBIA Voice of Hope Africa**, Makeni Ranch, 12/15, 1630. English. Hymn followed by a bible study program talking about the Gospels. 33333. (Roe-UK)
- 6070 **GERMANY Radio Ohne Namen**, Rohrbach, 12/13, 0800. German. "Here We Go!" episode 19 with another great selection of 30's German big-band jazz and swing. 45333. (Roe-UK)
- 6070 **VATICAN Vatican Radio**, SM di Galeria, 12/26, 0635. Latin. Mass in Latin (unscheduled, and I could find no reference to this on the "beta version" of the new Vatican News website. Also very strong on 7250kHz. 55555. (Roe-UK)
- 6070 **GERMANY Radio Ohne Namen**, Rohrbach, 01/01, 1505. German. The usual enjoyable selection of German 30/40s songs. 35333. (Roe-UK)
- 6085 **GERMANY Radio Mi Amigo Int'l**, Kall, 12/08, 0900. English. Bob Lawrence - Buzbys Big Box with a fine selection of oldies. 35333. (Roe-UK)

- 6090 **ETHIOPIA Amhara State Radio** - Addis Ababa, 2045-2102* Dec 5, man announcer with Amharic language talk followed by Horn of Africa music programming. ID at 2100, closing announcements and instrumental music followed by Choral National Anthem. Fair. Next day noted at 2022 with fair signal and Horn of Africa vocal selections ad discussion by a man and woman in Amharic language. (D'Angelo-PA/FCDX)
- 6110 **ETHIOPIA Radio Fana** - Addis Ababa, 2043-2057 Dec 5, man announcer with Amharic language talks and various local instrumental and vocal selections. (D'Angelo-PA/FCDX) 6110, Radio Fana - Addis Ababa, 0354-0416 Dec 6, nice Horn of Africa vocals until 0359 with station ID by a man announcer followed by news with another man and a woman announcer in presumed Amharic language. Poor to fair. (D'Angelo-PA/FCDX)
- 6115 **CHINA Voice of the Strait** - Fuzhou, 1133-1152 Dec 6, woman announcer with Chinese language talk followed by a man announcer. Poor to fair but fading fast. (D'Angelo-PA/FCDX)
- 6125 **TURKEY Voice of Turkey**, Emirler, 12/21, 0415. English. The Letterbox program and some Turkish music. 55444. (Roe-UK)
- 6130 **ROMANIA R Romania Int'l** 0100 at 12/15 in EE. National News. Fair. (McGuire-MD)
- 6130 **CHINA China Tibet Radio**, Lhasa, 12/24, 1600. English. Music Shangri-La. Tibetan music and two listener's letters (including one of my letters (!)). 25322. (Roe-UK)
- 6130 **ROMANIA Radio. Romania Int'l.** 12/3, 0100- 0153 in EE; analog starts out at SIO 311. Slight decrease in QRN by 0115. Aud.N turned on at 0122 for mx features. List. Letterbox at 0140,) Poor (Sives-NJ)
- 6130 **ROMANIA Radio. Romania Int'l.** 12/3, 0100- 0153 in EE; analog starts out at SIO 311. Slight decrease in QRN by 0115. Aud.N turned on at 0122 for mx features. List. Letterbox at 0140 (Sives-NJ)
- 6130 **ROMANIA R Romania Int'l** French 0247-56 m discussing European politics & organizations, French security, military independence, war & political authority; sta ID & frequencies; good 11/14 (Prodan-ME)
- 6155 **AUSTRIA Radio Austria Int'l**, Moosbrunn, 12/15, 0635. German. Morning classical music program (Johann Sebastian Bach & Mozart). 55444. (Roe-UK)
- 6155 **AUSTRIA Radio Japan**, Moosbrunn, 12/21, 0500. English. Japan Through Haiku with Haiku poems from listeners using the season words "snow" and "cold". 55555. (Roe-UK)
- 6155 **ARMENIA NDR Gruß a Bord**, Gavar, 12/24, 2125. German. Service in German. 55444. (Roe-UK)
- 6190 **MADAGASCAR World Christian Broadcasting** Spanish 0205-19 songs & m ann; at 0219 sta & prog IDs & address in Ft Lauderdale; poor 11/16; v good on 12/9 0227-40 music & f ann; (Prodan-ME)
- 6195 **BOTSWANA Voice Of America** English 2058-2103 news- Olympics & Russia, Jerusalem & Trump, Tillerson & NATO; good 12/5 (Prodan-ME)
- 6195 **SAO TOME Voice of America**, Pinheira, 12/08, 2130. English. Heather Maxwell's Music Time in Africa including Song of the Week from Ghana. 45433. (Roe-UK)
- 6195 **BOTSWANA Voice of America**, Mopeng Hill, 12/23, 2000. VV. Several references to Studio 7 and then talk by various males. 45333. (Roe-UK)
- 7235 **ROMANIA Radio Romania Int'l**, Tiganesti, 01/03, 1945. German. Program hosted by a woman translating comments made by an OM. DRM: 24dB. (Roe-UK)
- 7255 **NIGERIA Voice of Nigeria**, Ikorodu, 12/21, 0603. Hausa. Talk by a man in Hausa with several mentions of Nigeria. 25322. (Roe-UK)
- 7285 **CHINA China Radio Int'l**, Beijing, 12/28, 1330. Mongolian. Song (a sort of Mongolian Rap) then a short feature about French rock and roll singer Johnny Hallyday (who died early in December 2017). 55333. (Roe-UK)
- 7285 **ALBANIA CHINA RADIO INT'L**- Cerrik, 12/9, 2040--2045 in EE; two OM in discussion that seems to be about some undetermined competition. SIO 211 (Sives-NJ)
- 7310 **ROMANIA Radio. Romania Int'l.** 12/3, at 2130 in EE; analog starts out SIO 332, Aud.N turned on at 2135 for The Cooking Show which features a nice recipe for roasted chicken with quinces; then Aud.N off, analog closes at SIO 311(+)/12/9, 2130-2150 in EE; Aud.N on 2138-2143 as World of Culture discusses the Piatra Neamt Youth Theater Festival, analog SIO steady at 232 (Sives-NJ)
- 7330 **MADAGASCAR World Christian Broadcasting** Spanish 0325-35+ m preacher; program ID at 0329 then acapella male choir; 0332 "La Voz Alegre" & addresses in Ft Lauderdale and Havana; then music; fair 11/16 (Prodan-ME)
- 7335 **ROMANIA R Romania Int'l** at 0001 10/13 in Romanian service. News, ID. Good. (McGuire-MD)
- 7365 **UNITED STATES Voice Of America** at 2300 11/17 in SS. Mention of Miami. Good. (McGuire-MD)
- 7445 **THAILAND Voice Of America** at Udun Thani, 2238-2300, man in Chinese with long talk then man and woman in dialogue. 5+1 TP's at 2300 abrupt end of transmission. Poor. (Cichorek-NJ)
- 7490 **USA WBCQ** Monticello, ME 1347- 50 m & f talk show; ranting about "control freak, pedophilia luciferins" in government and, without irony, asking "why do you think they're attacking Roy Moore?"; good 11/13 //7780 about 10 seconds offset (Prodan-ME)

- 7550 **INDIA All India Radio**, Bengaluru, 01/03, 1930. English/French. Program "One Film" with some excellent music from the film "Silsila". 55444. (Roe-UK)
- 7780 **USA WRMJ**, USA Okeechobee, 12/20, 2105. English. The Power Hour. 35322. (Roe-UK)
- 9380 **INDIA AIR National Channel**, Aligarh, 12/23, 2120. Hindi. Hindi mx to 2130 then news in Hindi. News in English at 2135, but reception was rather too weak to make out very much. 25332. (Roe-UK)
- 9400 **BULGARIA The Mighty KBC**, Sofia, 12/16, 1500. English. Uncle Eric's Jukebox, including Kraig Krist's Forgotten Song by Herman's Hermits "Just a Little Bit better". 55444. (Roe-UK)
- 9400 **BULGARIA From The Isle of Music**, Sofia, 12/24, 1500. English. The always enjoyable selection of Cuban disco and jazz. 45433. (Roe-UK)
- 9400 **PHILIPPINES FEBC Radio**, Iba, 12/28, 1138. Chinese. Talk by a woman. 45343. (Roe-UK)
- 9420 **GREECE Voice of Greece** Greek 2051-55 early 50s blues, Big Joe Turner; good 11/7 (Prodan-ME) since this date have not heard this station at all. (Proden-ME)
- 9420 **GREECE Voice of Greece**, Avlis, 01/01, 2230. Greek. Oldies songs such as "It's All in the Game", "Tom Dooley" and "Stagger Lee". 55444. (Roe-UK)
- 9430 **PHILIPPINES FEBC Radio**, Bocaue, 12/28, 1138. Chinese. Talk by a man and a woman. 35343. (Roe-UK)
- 9435 **CHINA China Radio Int'l**, Kashi, 12/23, 1606. English. "Chinese Theater" with a feature about Kashgar and the region around, including production of pomegranate and jujube. 55444. (Roe-UK)
- 9445 **AUSTRIA AWR**, Moosbrunn, 12/16, 1600. Urdu. Sign-on in Urdu; a song then then long talk by a woman. 45444. (Roe-UK)
- 9445 **INDIA All India Radio**, Begalluru, 12/25, 2100. English. News followed by Hindustani Instrumental Music. Then a musical feature on Christmas "Silent Night Holy Night" including some nice carols. 45333. (Roe-UK)
- 9485 **VATICAN Radio Japan**, SM di Galeria, 01/02, 1930. English. Plug-in Japan: Toward a Nuclear-Free World Part 2 - the campaign for a nuclear-free world and ban of nuclear arms. 55434. (Roe-UK)
- 9490 **FRANCE R Republica** Spanish 0144-56 salsa music; at 0145 "R Republica" and frequencies; fair, fading 11/4 (Prodan-ME)
- 9570 **ALBANIA China Radio**, Int'l Cerrik, 01/04, 0030. English. Horizons (main feature about public libraries in China). 55444. (Roe-UK)
- 9620 **INDIA All India Radio**, Aligarh, 12/22, 1345. Sindhi. Hindi songs. 55333. (Roe-UK)
- 9650 **GUINEA Radio Guinea**, Conakry, 12/23, 2138. French. African music and short talks by man. 25332. (Roe-UK)
- 9650 **GUINEA Radio. Guinea**, Conakry, 2211-2216, 12-12-17. Man in listed French with what sounded like a phone interview. Rapid back and forth exchange. Fair to good signal. (Cichorek-NJ)
- 9650 **GUINEA, Radio. Guinea**, Conakry, 2211-2216, 12-12-17. Man in listed French with what sounded like a telephone interview. Fair to good. (Cichorek-NJ)
- 9660 **VATICAN CITY Vatican R** French 2038-42 2 m in discussion; fair 11/26 (Prodan-ME)
- 9660 **VATICAN Vatican Radio**, SM di Galeria, 01/02, 2005. English. Program "Justice and Peace" with features about World peace day and an interview with former Florida State prison warder about carrying out executions and the effectiveness of the Death Penalty. 55444. (Roe-UK)
- 9675 **SAUDI ARABIA BSKSA Radio Saudi** Turkish 2043-46 m speaker; fair 11/26 (Prodan-ME)
- 9690 **SPAIN REE** at 2200 12/14 in SS. Various talks. Good (McGuire-MD)
- 9690 **SPAIN REE-** 12/9, 2056- 2103 in SS; two OM in commentary of some sporting event in excited tones. SI0433 (Sives-NJ)
- 9720 **BULGARIA Dimtse Radio Erena**, Sofia, 01/02, 1702. Tigrinya (listed). Talks by a man and a woman with some Horn of Africa music. Radio Erena is targeted towards Eritrea. From WRTH 2018, it is run by Eritrean journalists abroad and supported by the organization Reporters Without Borders. 55444. (Roe-UK)
- 9765 **JAPAN Radio Japan**, Nauen, 12/09, 1705. Japanese. Frenetic show in front of a studio audience, sounding like TV program audio and was maybe a talent or variety show of some sort, or maybe a Karaoke show. 45433. (Roe-UK)
- 9790 **CUBA China Radio Int'l** English 0339-42 discussion on financial regulations, airlines, Dubai Air Show; Canada-US softwood lumber agreement; sports; fair 11/16 (Prodan-ME)
- 9855 **MADAGASCAR NHK Radio Japan** French 2047-2100 f singer; m & f & child; contact info & program ID just before going off; fair 11/26 (Prodan-ME)
- 11560 **INDIA All India Radio**, Bengaluru, 01/02, 1450. Pashto/English. News by OM followed by film songs. News at 1530 read by a woman. 55343. (Roe-UK)
- 11560 **INDIA All India Radio** Urdu? 1356+ m ann; sta IDs at 1427-31 "A-I-R," & email; poor + 11/13 (Prodan-ME)
- 11570 **PHILIPPINES Voice Of America** 1258-1310 voice then musical filler then "VOA World News" in English; poor 11/7 (Prodan-ME)

- 11580 **USA RAE Argentina**, Okeechobee, 12/15, 1320. French. Modern Argentinian pop songs. Off at 1330 with WRMI world music from 1330UT. 35322. (Roe-UK)
- 11580 **USA RAE Argentina**, Okeechobee, 01/03, 2200. Italian. Talk, which I presumed was news; Christmas greetings from children; a live recording of Nessus Dorma and then some folk songs with male presenter - but reception was deteriorating. 35333. (Roe-UK)
- 11610 **NEW ZEALAND Radio New Zealand Int'l**, Rangitaiki, 12/28, 1120. E RNZN All Night Programme with music and then feature "Black Sheep". 25232. (Roe-UK)
- 11735 **ZANZIBAR**, ZBC, 1858-1901, 1-3-18. Man in listed Swahili, 5+1 time pips at 1900 followed by woman in English with presumed news. Very weak signal (Cichorek-NJ)
- 11750 **SRI LANKA SLBC City FM**, Trincomalee, 12/09, 1725. Sinhala. Talk by a man then promos and web address mentioned. Following was a studio discussion with female host and male guest. 25332. (Roe-UK)
- 11760 **CUBA RAO Habana Cuba**, 1854-1856, 1-3-18. Lovely choral vocals.SIO444. (Cichorek-NJ)
- 11800 **SOUTH AFRICA Adventist World Radio** French 2022-26 m talking about faith & duty "foi" & "devoir"; religious song in English "evil is banished"; fair 11/26 (Prodan-ME)
- 11815 **BRAZIL Radio Brasil Central** Portuguese 0132-0202 music, f ann; 0134 "Yesterday" in English (not Beatles); 0142 "Vayo con Dios"; 0201 jingles; poor+ 11/26 (Prodan-ME)
- 11855 **BRAZIL Radio Aparecida** Portuguese 0112-30 music/songs/jingles; m & f ann; "Radio Aparecida" at 0130; fair, increasing static // 4985 poor 11/26 (Prodan-ME)
- 11975 **ROMANIA Radio Romania Int'l** Romanian 1412-15 m & f ann; fair w/fades 11/13 (Prodan-ME)
- 11985 **ROMANIA Radio Romania Int'l** Russian 1415+ f ann, sta IDs; fair-good 11/13 (Prodan-ME)
- 12035 **TURKEY Voice of Turkey** English 1416-30 Turkish pop music; m ann "you are listening to the Voice of Turkey's English language broadcast"; fair-good 11/13 (Prodan-ME)
- 12035 **TURKEY Voice of Turkey**, Emirler, 01/03, 1330. English. Feature "Foods of the Court" (a new feature, I think) all about the cuisine of the Ottomans. 54444. (Roe-UK)
- 12075 **BOTSWANA Voice Of America** French 2025-30 blues John Lee Hooker; m ann ref adio&B and Billboard magazine; fair-good 11/19 (Prodan-ME)
- 12075 **VATICAN CITY Afia Darfur Radio** Arabic 1810-13 m speaking; fair 11/7; Radio Free Afghanistan Dari 1420-22 m ann; off at 1430; poor 11/13 (Prodan-ME)
- 12075 **BOTSWANA Voice Of America**, 1832-1834, 1-3-18. Two men in French in discussion.SIO333. (Cichorek-NJ)
- 12095 **PHILIPPINES FEBC Radio**, Bocaue, 12/28, 1105. Vernacular. Local singing by a woman (without music accompaniment), then talk by a man. 25322. (Roe-UK)
- 15105 **SWAZILAND TWR Africa**, Manzini, 12/15, 1510. KiRundi. African song and long talk by a man. 45444. (Roe-UK)
- 15110 **KUWAIT Radio Kuwait**, Sulaibiyah, 01/02, 1005. Arabic. Talk by a woman - sounds like news. Later, talk with a man and a woman and some AA music. DRM: 19dB. (Roe-UK)
- 15140 **OMAN Radio Sultanate of Oman** 1620-33 songs, m ann "Oman FM" but rest Arabic & mostly talk m & f; clear but weak 11/7; on 12/2 1412-17 English discussion about diet & hydration impact on kidney function; fair (Prodan-ME)
- 15140 **OMAN Radio Sultanate of Oman**, Thumrait, 12/16, 1435. English. Report on Conference about tourism, including discussion about renovation of ancient houses for tourism. 45333. (Roe-UK)
- 15210 **CHINA China Radio Int'l**, Kunming, 12/13, 1015. English. Language Café, defining: "Get all your ducks in a row" and "Turned a corner". 55333. (Roe-UK)
- 15235 **SOUTH AFRICA Channel Africa** English 1707-57 Zimbabwean Chief Justice swearing in Mnangagwa as new President; 1755 "that's all for Africa Digest ... info@ Channel Africa," song & off at 1757; fair to good 11/24 (Prodan-ME)
- 15400 **ASCENSION ISLAND BBC** 1902-06 report from Zimbabwean Parliament beginning impeachment proceedings when Mugabe letter of resignation was delivered and read - wild cheering; this was noted as happening just three hours ago - "special edition of Focus on Africa"; good 11/21 (Prodan-ME)
- 15460 **ROMANIA Radio Romania Int'l**, Tiganesti, 01/02, 1200. English. Personality of the Year and Business Club (about Government efforts to strengthen the Business environment). 55555. (Roe-UK)
- 15580 **BOTSWANA Voice Of America** since Mugabe was detained by military, VOA 15580 has gone to full time reporting from Zimbabwe, English and Shona equally likely with no translations; 2009-24 "that was Mugabe addressing the country ... if you're not confused, you haven't been paying attention"; good 11/19;; good 11/21 (Prodan-ME)
- 15580 **BOTSWANA Voice Of America** at Selebi-Phikwe. 1933-1937, 12-9-17. Woman in English with an English program. Slow speaking delivery. SIO 323. (Cichorek-NJ)
- 15600 **ENGLAND Voice Of America** 1455-59 Kurdish, f & m ann "Voice of America" sung; "this program has been brought to you by the Voice of America" & off; good 11/13 (Prodan-ME)


- 15610 **USA WEWN/EWTN**, Birmingham, 12/25, 1510. English. A reading of A Christmas Carol. 45444. (Roe-UK)
- 17490 **CHINA China Radio Int'l** Kashi, 01/02, 1030. English. Horizons with two features: a talk about forest fire-fighters and discussion about problems of relocating home, eg not knowing local language, etc. 55444. (Roe-UK)
- 17630 **THAILAND Radio Thailand**, Udon Thani, 01/03, 1020. Thai. Thai music including Thai big-band and followed by talk. 45333. (Roe-UK)
- 17640 **MADAGASCAR KNLS** 12/9, 2020-2025 in EE; through the noise, key words suggest a religious themed program; also some singing accompanied by a trumpeter and a tuba (!?) Poor (Sives-NJ)
- 17660 **SAUDI ARABIA BSKSA Radio Saudi** French 1445+; poor 11/13 (Prodan-ME)
- 17800 **SOUTH AFRICA AWR**, 1940-2000, 12-9-17. Man with talk in listed Fulfulde language with religious music, instrumentals and choral singing. At 2000, ID in English by woman. SI0333. (Cichorek-NJ)
- 17885 **BOTSWANA Voice of America**, Mopeng Hill, 12/15, 1435. English. VOA1 - The Hits - modern pop music. 45433. (Roe-UK)
- 21670 **SAUDI ARABIA Radio Saudi Int'l**, Riyadh, 01/04, 1005. Indonesian. Talk (presumed news) and clear ID as "Radio Saudi Int'l", followed by a program about Islam. 35333. (Roe-UK) 

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!

NASWA Flashsheet

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

NASWA Facebook Page

Join moderator **Richard Murphy** <richard.murphy@swri.org> at the club's Facebook page which provides members with another way to keep in touch. While the existence of the group is visible to all Facebook users, the online postings are available only to group members and group members must be NASWA members. Comments and suggestions from the membership are welcome. To locate the NASWA Facebook page, simply enter "North American Shortwave Association" into the search box on the top toolbar. If you are into social media, give it a try. 

31st (!) Anniversary Winter SWL Fest

Sponsored by **NASWA**

March 1st-3rd, 2018

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 2nd.** If you choose not to participate in the banquet, there are many nearby restaurants.

Your registration must be **postmarked by January 26th, 2018 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 26, 2018.

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 2018, the rate is **\$109** for a single king bed room, or **\$119** for a two-double bed room, including breakfast. 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 | MAKE CHECKS PAYABLE TO "WINTER SWL FEST"

REGISTRATION POSTMARKED BY
JANUARY 26, 2018:

- Full (\$90)
 3-day no banquet (\$45)
 One-Day no banquet (\$30)
 Full Spouse / etc. (\$75)
 Banquet only (Spouse) (\$50)
 Student (\$10)

LATE OR ON-SITE REG.
POSTMARKED AFTER JANUARY
26, 2018:

- Full (\$100)
 3-Day no banquet (\$55)
 One-Day no banquet (\$40)
 Full Spouse/etc. (\$85)
 Banquet only (Spouse) (\$60)
 Student (\$10)

RAFFLE TICKETS:

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

Cancellations after February 10, 2018 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, December 31, 2017 -- The "shortwave clubs" that some stations operated in DX days of yore often rewarded their members with station souvenirs of various kinds. Under "CPRV/The CPRV Gallery" we have posted a compilation of some of the QSLs that the Radio Budapest Shortwave Club sent to its members. All are non-data, and it is unclear whether they were issued for particular reports or as a general gift to all club members who submitted reports during the year. (The last QSL in the group is not for club members in particular, but for a 1975 station contest.) -- Under "Specialized Resources/The DX Recordings of Colin Miller," you will find three new recordings, all from Swaziland. *Thanks, Colin.* -- And under "Specialized Resources/Wavescan,," Adrian Peterson favors us with three new entries: "Abandoned Radio Stations-3" (Wavescan N460, December 17, 2017), "Ancient DX Report 1913" (Wavescan N460, December 17, 2017), and "Christmas with VOA in Hawaii KRHO" (Wavescan N461, December 24, 2017). *Thanks, Adrian.*

< www.ontheshortwaves.com > Update, January 7, 2018 -- Among the German psychological warfare stations of World War II was Jerry's Front Radio. Broadcasting on both mediumwave and shortwave, it was actually run by Italy's Ente Italiano Audizioni Radiofoniche, or EIAR, the former employer of Jerry 's Front's lead on-air personality, Rita Zucca, an Italian twin of sorts to Germany 's Axis Sally. Jerry 's Front opened with "It's a Long Way to Tipperary"; the signal was poor in the U.S. Jerry's Front Radio station leaflets dropped on Allied soldiers invited them to turn themselves in, and we have posted one such leaflet under "DX History/Stations." For much more on this station, and for extensive discussion of wartime radio leaflets and related subjects from World War II to the year 2011 (Libya), check out the excellent two-part website, Radio Leaflets During Wartime < <http://www.psywarrior.com/RadioLeaflet.html> >

< www.ontheshortwaves.com > Update, January 14, 2018 -- In 1960, following the Belgian Congo's independence and rebirth as the Republic of the Congo, Radiodiffusion Congolaise, as it was then known, offered a foreign service via its 50 kw. transmitter in Leopoldville (now Kinshasa). We have already posted some earlier information on this service < <http://www.ontheshortwaves.com/Congo1961.html> > and we have now added some additional photos of station personalities.

< www.ontheshortwaves.com > Update, January 21, 2017 -- For many years, Peru, Ecuador and Bolivia were the triumvirate of Andean countries whose shortwave stations were sought out most often by DXers. There were many stations, and they conveyed the kind of local authenticity that long-distance shortwave could provide. The Bolivian stations were generally the least well heard. Under "DX History/Recordings" we have posted some Bolivian recordings made at various times since the 1970s. Only a few Bolivian stations are still on shortwave (including R. Mosoj Chaski, which is among the recordings). ID locations are in [brackets]. (1) R. El Mundo, Santa Cruz, 6015 kHz., 1987 [:03, :12, :35, :51]; (2) R. Fides, La Paz, 4845 kHz., 1976 [:16]; (3) R. La Cruz del Sur, 4875 kHz., 1976 [:52]; (4) R. Luis de Fuentes, Tarija, 6141 kHz., 1987 [:19, :32, 1:52]; (5) R. Mosoj Chaski, Cochabamba, 3310 kHz., 2000 [:31]; (6) R. Municipal, Caranavi, 4845 kHz., 2004 [:17, :23, 1:01]; (7) R. Norte, Montero, 4936 kHz., 1983 [:14]; (8) R. Nueva America, La Paz, 4797 kHz., 1976 [:04]; (9) R. Panamericana, La Paz, 6105 kHz., 1981 [:14]; (10) R. Pio Doce, Siglo Veinte, 5952 kHz., 1997 [:35]; (11); another recording of R. Pio Doce, 5952, this one in 2002 [:12]; (12) R. San Miguel, Riberalta, 4902 kHz., 2003 [:54, 3:26]; (13) another recording of R. San Miguel, this time on 3310 kHz., 1984 [:11, :49, 1:29]; (14) R. Santa Cruz, Santa Cruz de la Sierra, 6135 kHz., 2002 [:10, :41]; and (15) Radioemisoras Bolivias, Oruro, 4755 kHz., 1978 [1:00].

North American Shortwave Association
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