

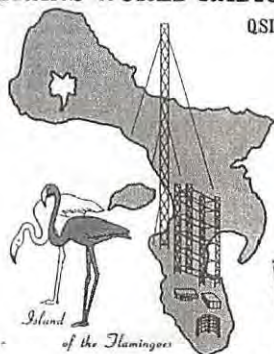
The **NASWA** Journal

VOLUME LVIII NUMBER 3

MARCH 2018

TRANS WORLD RADIO

QSL



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WORLDWIDE LISTENING GUIDE

By J. Figliozzi

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

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2018 WORLD RADIO TV HANDBOOK

This respected publication is filled with schedules, frequencies and addresses of shortwave broadcast stations. Organized primarily by country. Also includes a by-frequency listing of shortwave broadcast stations, plus receiver reviews. ©2017. 72nd Ed. 672 p. List \$49.95. Expedited 12/25/17.

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ANTENNA BASICS

By Bob Grove. If you

are new to the radio monitoring hobby, and want a great introduction to antenna topics, this book is for you. Noted author, Bob Grove covers a wide range of topics in his usual clear and understandable manner. © 2017 Grove 75 p.

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SHORTWAVE RECEIVERS PAST & PRESENT 1942-2013

By F. Osterman. A

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

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Unfortunately, we head to the printing presses almost a full week before the annual club sponsored Winter SWL Festival which once again was held in Plymouth Meeting at the Doubletree Guest Suites Philadelphia West, Plymouth Meeting. The 31st edition of the Winter SWL Festival was looking to be another great event with a strong program. Rich Cuff and John Figliozzi and a large group of helpers make this event special each year. Next month's edition of The Journal should have coverage of the event.

This month John Herkimer has prepared an interesting perspective of a long-time user of the shortwave radio bands. Trans World Radio has used the shortwave radio spectrum to broadcast its message to the world for many years. Some locations are still active such as Guam and Swaziland while other are inactive such as Monte Carlo (closed in 2011) and Bonaire (closed in 1993). As usual, thanks to go out to John Herkimer who prepares the cover.

Alfredo Cotroneo of IRRS/NEXUS-IBA in Milan informed us just after we went to press last month that Tom Taylor, also known as Barry Stephens, former founder of European Music Radio (EMR), and passionate Shortwave radio enthusiast heard many times over our station, has died. Alfredo exchanged emails last November with Tom, and he wrote about his illness (EMR cancelled programming because of his health). Tom was extremely eager to return to the air in 2018. Alfredo thought that these days he would be able to recover quickly. However, he was wrong. We all lost a good friend of radio. Alfredo scheduled the last EMR program that Tom sent to IRRS/NEXUS-IBA in Milan for a special broadcast on February 2 and 3. I believe there were some technical difficulties on the transmission side so the program may be heard at a later date.


Another untimely death in the shortwave radio hobby was the recent passing of Stewart MacKenzie who ran the of the American Shortwave Listeners Club in Huntington Beach, CA (ASWLC). Apparently, Stewart's wife Evelyn announced on February 11 that he passed away sometime the previous night. He had been in the hospital the past week then sent home with hospice care. He's the guy that launched ole Clara in the ASWLC bulletin as an answer to NASWA's Charlie Loudenboomer. Thanks to Jerry Berry for the information.

Sean Gilbert of the World Radio TV Handbook (WRTH) editorial team recently announced that as in past seasons, WRTH was pleased to announce that an update file for the B17 broadcast schedules is now available for free download from them at <http://www.wrth.com>. This update contains changes, additions and frequency cancellations; new stations that have become active since WRTH was published; and the revised full schedules of certain stations. Thanks Sean and the WRTH team for making this available to all shortwave radio hobbyists. They hope that you find this file useful as an addition to WRTH (it is formatted in the same manner as the printed WRTH), or it can be used on its own, of course. Many of the update have been included in this month's Listeners Notebook.

From Takahito Akabayashi in Tokyo, Japan we learn that Sony declared in January that they ended the production of the ICF-SW35 shortwave receiver. Sony also declared in February that they would soon end the sales of another shortwave receiver the ICF-7600GR at their on-line store. Takahito speculates that Sony will probably will declare the end of shortwave its production soon. The ICF-SW35 has been on sale since 2000 and the ICF-7600GR since 2001. This means

Sony will completely withdraw from the shortwave receiver market. Remaining Sony shortwave receivers are the ICF-EX5MK2 and the ICF-M780N, both are exclusively for the reception of Radio Nikkei, tunable to only 6 fixed shortwave frequencies of Radio Nikkei, Japan. As Jerry Berg noted, they

certainly "made history" with a number of their SW portables—the ICF-5900W, -2001, -2010, -SW1S.

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

Musings

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

Please e-mail musings as MS Word attachments to jalinebk@gmail.com or mail to 3581 Sunview Dr., Paradise, CA 95969-8106. Next deadline is March 28, 2018.

Richard Murphy, rm271828@gmail.com, San Antonio, TX


Richard D'Angelo's remarks about Radio Peking in the February NASWA Notes column brought back a humorous memory from my SWL past. I recall getting my first QSL from Radio Peking, probably in 1967 or 1968. I was amazed to get this little package that had a pennant and an English translation of Chairman Mao's Little Red book. A little light came on in my head and with my next reception report I included a request for a few extra copies of Chairman Mao's quotations, as I put it "they were in great demand in my 11th grade class in high school." To my surprise, several months later another package showed up, this time with something like 10 copies of the book, which was printed on this really nice paper. These I quickly sold for \$5 each to people who wanted to use them for pranks or wanted a novelty. Radio Peking was a great help to this budding capitalist, who made \$50 off an investment of an overseas airmail stamp. Chairman Mao would not have approved.

John Miller, 4857 McMillian Rd. Ochlocknee, GA 31773


I have always loved thrift stores and flea markets, never knowing what you may find alluring. I've always kept my eye open for SW radios, but except for finding the AM/FM kind with a broken cassette player, not much luck. Figuring there weren't a lot of shortwave listeners in my area, I knew the outlook was dim.

Well, I figured wrong! Checking my local Goodwill store last weekend I found a Grundig YB-400 sitting on the shelf and the price was \$5.99 + tax. Wow!

It works great, which goes to show you that the radios are out there, keep looking.

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. 

Easy Listening

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

32nd (!) Winter SWL Fest: Save The Dates: March 1-2, 2019

As you read this, the 31st Winter SWL Fest will have ended, and hopefully many of you had a good time! We are planning next year's Fest already; while we're months away from details, we're looking at March 1st and 2nd as the expected dates. So go ahead and mark your 2019 calendars and vacation request forms now - and check out the Fest website (<http://swlfest.com>) for updates as the year progresses.

If you don't have Internet access and have questions on the Fest, you can drop a note, including a self-addressed stamped envelope, to *Winter SWL Fest, PO Box 3292, Allentown, PA 18106*, and I'll be happy to respond.

Hope to see many NASWA members at the 32nd (egad) Fest!

BBC World Service – Programming changes

The Farming World becomes The Food Chain
For as long as I can remember, the BBC has had a weekly series that looked at agriculture and farming issues around the world. I'm not sure when it changed, but the program now looks at the "...business, science, and cultural significance of food, and what it takes to put food on your plate". This is a broader remit, and I find it interesting because the focus has somewhat shifted towards business issues, something the BBC has been doing across its programming mix in recent years.

A recent example episode is entitled *The Pig Problem* and looks at a highly contagious disease spreading across European pig farms. The program looks at the freer border system in place within Europe, and whether or not tighter transborder restrictions are needed. Streams / airs live Thursdays 0332, 1132, and 2332UTC,

plus Sundays 0832. If you're listening to the Africa shortwave service, the schedule is Thursdays 0032, 1132, and 2132, plus Sundays 0832. Podcast and on-demand formats are also available.

Tech Tent

This program is a second technology news-focused program on the World Service, in addition to *Click*. *Tech Tent* looks at how the technology business is changing the way we live and work. Cryptocurrencies, intelligent machines, and driverless cars are all topics covered in recent episodes. Streaming online Fridays 1506; West/Central Africa shortwave airtime is Fridays 1806. On-demand and podcast also available.

BBC OS

A mainstay World Service program in recent years was *World Have Your Say*, a global news discussion program that invited listener phone calls as part of the agenda-setting process. *WHYS*, as it was called in shorthand, is no longer on the schedule. Meanwhile, *Outside Source* had been launched as a global news analysis program targeting a somewhat younger audience and including field interviews and man-on-the-street reaction. That program has now morphed into *BBC OS*, which regards itself as a "...vibrant account of the day's news with explanation and reaction from those involved". The mix of those interviewed skews more towards newsmakers and less towards analysts and other talking heads.

BBC OS airs weekdays 1606 UT, episodes are available on-demand but are not podcast.

BBC World Questions

The BBC originates monthly programs in various world cities in the form of debates between citizenry and politicians about world events. February's edition originated in Kathmandu, Nepal looking at Nepal's political future and how the Nepalese look at world events. Normally the program airs the second Sunday of the month and roughly

1206 UT, though no listing appears (yet) for March. Two years of these monthly episodes are available on-demand and via podcast.

Radio 4 Book of the Week

I know some folks who were big fans of on-air book reading from the World Service; I believe the program was called *Off The Shelf*. These programs ended when the World Service changed its emphasis to a stronger focus on news. Good news is that Radio 4 still airs book reading series; *Book of the Week* is one of them. It airs at 0030 Tuesdays through Saturdays (pending the summer time change) and is also available on-demand. The current featured book is *Somebody I Used to Know*, written by someone who has early-onset Alzheimer's disease.

Speaking of the World Service via shortwave, I spent a couple days recently on a DXpedition at Pennsylvania's French Creek State Park, and while the World Service was audible during several periods, it was never of true "easy listening" quality.

Another interesting BBC item is that after the 2015 (or thereabouts) funding shift which saw the World Service get its base funding from the domestic licence fee, the BBC has added new language services separately funded by the government. These include services in Afaan Oromo, Amharic, Gujarati, Igbo, Korean, Marathi, Pidgin, Punjabi, Serbian, Telugu, Tigrinya, and Yoruba. Not all will air on shortwave, though the new Korean service targeting North Korea will be aired this way.

New finds from the CBC

On Drugs

This program has been around for about a year, I believe. Per the website, *On Drugs* "...look(s) at drugs through the lens of history, pop culture and personal experience. [Talking] about how drugs enrich, ruin take and save human life..." Hosted by Geoff Turner. New episodes resumed in February and are available Mondays. Check out <http://www.cbc.ca/radio/ondrugs>. I don't see this program on the Radio One schedule, which itself is interesting.

Reclaimed

Somewhat akin to *Unreserved*, which I mentioned in November, this is a program that focuses on Canada's indigenous culture; in this instance indigenous music. The program explores the many worlds of contemporary Indigenous music from traditional songs and acoustic sounds to Native hip-hop, R&B, and the dancefloor-filling beats of electric powwow. Airs Sundays 8 PM local time, or Mondays 0000-0400 across Canada's time zones; subtract one hour after the DST change. I am not sure if we Americans can listen on-demand, however; the CBC website just hangs when I try to play on-demand episodes of the program.

New Zealand programming from RNZ National

If you spend much time listening to *Radio New Zealand International* on shortwave, you know that they relay material during much of the day from the domestic spoken-word *RNZ National* service. Here are a few of their featured programs:

Our Changing World

This is RNZ National's nature & environment program - spending time both in the field and in the labs. A recent program also included psychologists investigating the impact of increasing cultural diversity in the country. Podcasts are available at <https://www.radionz.co.nz/national/programmes/ourchangingworld>; the program airs Thursdays 0806 and Saturdays 1405. These times will advance one hour in April when New Zealand switches off Summer Time.

Insight

This is a weekly documentary looking at New Zealand and the lives of New Zealanders overseas. During New Zealand's summer, it appears that some of these documentaries are sourced from the BBC as well. A November episode looked at increasing highway deaths in New Zealand; another looked at employment patterns in New Zealand's tourism industry. A BBC-sourced program looked at Croatia's institutionalization of the mentally ill. *Insight* airs live Saturdays 1910 and Mondays 0830, again to advance one hour in April.

Spectrum

This was a long-running documentary series on RNZ National, airing from 1972 until 2016. It's regarded as one of New Zealand's most valuable libraries of oral history, as some of the earliest episodes interviewed New Zealanders that were alive in the 19th Century. A podcast of *Spectrum* is available; episodes date back as far as 1973 if you're interested in *New Zealand* history.

Radio Australia (Radio National)

The Economists

This is the current series airing in Radio National's *The Money* series. Two Australian economists, Gigi Foster and Peter Martin, use economic tools to shine a light on life. Recently tackled subjects include *Can We Be Happy without Money*, *Is Education a Waste of Time and Money*, and *Cryptomarkets and the Economics of the Dark Net*. Airing live on Radio National Thursdays 0830 and Fridays 0130, with a one-hour advance in early April. Airing on Radio Australia Fridays 0530

Counterpoint

This RN program tackles key social, economic and cultural issues in Australian life, challenging assumptions and giving voice to new and seldom-heard commentators. Recent episodes have looked at snakebite – regarded as a silent global killer, with 4 million people killed or maimed each year; another program looked at new research that considers the solar cycle (something we know about!) is contributing to global climate change. Airing on RN Mondays 0500, Tuesdays 1200, and Thursdays 1400. Radio Australia air times include Mondays 0600.

The Overcomer Ministry returns to shortwave

Ralph Stair was able to post bail in January and he was permitted to return to the

ministry's South Carolina compound, though with restrictions on who he can contact. He's returned to the shortwaves, at least on WBCQ and WRMI. I honestly haven't listened to see if this is new programming or if it's repeats. Not sure that I care...

On-demand audio but not podcast

There are a bunch of international broadcasters that have on-demand programming available but haven't yet directly produced podcast feeds themselves. Here are some ideas:

Voice of Vietnam doesn't offer podcasts, but their programming is available on-demand -- check out <http://vovworld.vn/> and look for "Programs of the Week". It would frankly be easy for them to set up the website with the coding for podcasts.

Ditto for *IRIB*: Tehan's broadcast is at the "Pars Today" website, <http://parstoday.com/en/radio/archive>.

Kuwait: What is aired on shortwave is a relay of their domestic networks, which are already available at the Kuwait state media website, <http://www.media.gov.kw/>.

Sputnik: The Russians have been heavy users of YouTube -- this was the subject of an extensive analysis by the NY Times a couple of months ago. Programming is available on-demand at https://sputniknews.com/radio_shows/.

That's all I have time for...here's to good listening!

73 DE Richard



Glenn Hauser's *World of Radio* schedule can be found at

<http://www.worldofradio.com/radioskd.html>

International Broadcasting

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

The BBG's plans for shortwave and Radio Sawa

The Broadcasting Board of Governors, consisting of VOA, RFE/RL, Radio Free Asia, Radio/TV Martí, Radio Sawa and Alhurra, is slated for a \$24 million budget reduction in FY 2019. You can read the voluminous details at <https://www.bbg.gov/strategy-and-performance/budget-submissions/>. Of course, Congress will review and probably will modify the President's budget request for BBG and other agencies.

Here are excerpts from the budget request pertaining to shortwave:

"TSI [Technology, Services and Innovation, i.e. BBG engineering] continues to move the BBG from traditional broadcasting technologies, such as cross-border radio transmissions shortwave (SW) and medium wave (MW serving regions where these platforms are no longer popular, to other delivery systems that are rapidly growing in effectiveness and are less expensive to operate (e.g., FM radio, DTH satellite, internet streaming, mobile, and social media)....

"As part of its multi-year global network realignment, TSI will continue to focus efforts on upgrading its shortwave capacity at the Kuwait Transmitting Station, even as use of SW decreases. With superior strategic location and extremely low operating costs, this station will be able to serve the overwhelming majority of legacy SW audiences in the most cost-effective manner possible, at a fraction of the cost of other BBG operated site or expensive leased capacity....

"Over the years, the use of shortwave (SW) radio has declined globally. TSI has responded by consolidating broadcasts to more cost-effective transmitting stations and reducing or even eliminating SW where it is no longer relevant. In markets where

SW does still retain a sizable, valuable audience, TSI is committed to making SW service available in the most cost-effective way possible. To meet this need, TSI has been upgrading the Kuwait Transmitting Station (KTS), which enjoys a superior strategic location and extremely low operating costs. In FY 2017 TSI continued to expand that facility, and in FY 2018 TSI will procure and install new antennas. In FY 2019, TSI is committed to investing in the KTS expansion further, utilizing whatever resources may be available, in order to realize longer-term savings. Ultimately, the BBG's goal is to be able to serve most legacy SW audiences from this one site, at a fraction of the cost of all the other transmitting stations, so that other, more expensive sites may be scaled back or closed.

Poro will close. "In FY 2017, TSI completed the closure of the station in Sri Lanka and in FY 2018 will close the BBG facility in Poro, Philippines. TSI's systematic and thorough review of all transmission leases will continue in FY 2019, identifying further opportunities for savings. In the years between 2010 and 2016, total costs associated with Cross Border Radio (SW and MW) have declined by over \$25 million (34.5%), and we expect this decrease to continue as we respond to market needs and as the Administration and Congress authorize us to shutter less effective legacy facilities ...

"[I]n China, including Tibet, TSI will continue to provide satellite TV and radio service via Telstar 18, the most popular satellite in China, for only a fraction of the cost of the BBG's legacy shortwave and medium wave transmissions to the region. This allows TSI to leverage the widespread use of satellite receiver dishes across the country and provide accessible programming where local cable and internet access is restricted. In FY 2018, TSI will procure additional satellite capacity on this satellite, allowing BBG

to simultaneously distribute HD and SD TV programming and capitalize on the migration of Chinese audiences to HDTV, while not stranding legacy SD users. ...

"Radio remains a very popular platform in many BBG markets, particularly Africa. BBG global weekly radio audiences increased by a stunning 28 million in 2016 alone and by 35 million since 2012. While shortwave continues to be a relevant means of delivery in several African markets, in most countries rapid growth and competition in the media market have shifted radio habits almost entirely towards FM. The BBG provides 24/7 FM radio programming in over 30 markets across the continent. ...

But good news for Kuwait and Greenville.

"As part of its multi-year global network realignment, TSI will continue to focus efforts on upgrading its shortwave capacity at the Kuwait Transmitting Station, even as use of SW decreases. With superior strategic location and extremely low operating costs, this station will be able to serve the overwhelming majority of legacy SW audiences in the most cost-effective manner possible, at a fraction of the cost of other BBG operated site or expensive leased capacity. ...

"The BCI [broadcasting capital improvement] funds in FY 2018 (and base funds in FY 2019) will be used to continue the planned reconfiguration and expansion of the shortwave broadcast infrastructure at the Kuwait Transmitting Station. This will allow BBG to enhance transmission to multiple regions, including Africa, and achieve cost savings for shortwave broadcasts. Because of the very low cost of electrical power in Kuwait, the Kuwait Transmitting Station is the least expensive IBB station to operate. This project will allow the agency to shift mission-critical but higher cost transmissions from other stations in the IBB network to Kuwait.

"TSI will install and deploy three newer SW transmitters at the Greenville, NC Edward R. Murrow transmitting station enabling a doubling of frequencies servicing Cuba and making it extremely difficult for the Cuban

government to effectively block Radio Marti signals into the Island. ...

"To serve audiences in less developed areas of the world, the BBG must continue to broadcast via traditional technologies, such as shortwave, and maintain capability and improve efficiency on these platforms by replacing antiquated equipment. But to stay relevant in competitive news markets and serve current and future audiences, the BBG must continue to invest in new cutting-edge technology. In areas where ownership and usage of shortwave radio has declined significantly, the Agency has evolved away from broadcasting in that medium. The BBG has closed transmission stations, repurposed equipment and invested these savings in platforms that the audience has shifted to, primarily television and digital media."

Radio Sawa leaves FM (mostly)

Another interesting revelation in the BBG FY2019 budget request is the plan to transition Radio Sawa from its FM network to "digital." Radio Sawa launched in 2002, replacing VOA Arabic with a youth oriented music format combining Arab and Western popular music.

"TSI's support for and distribution of MBN's Radio Sawa via terrestrial FM radio will continue in the critical target country of Iraq, where ISIS and other extremist groups have used FM radio to influence local populations. In the rest of the Middle East, Radio Sawa will transition from terrestrial radio—mostly FM—to digital platforms, namely web, mobile, and social media. Given the availability of internet access across most of the Middle East, the Agency expects to realize cost savings while still providing Radio Sawa's sizeable audience of 10 million people access to its content"

I don't know if the "digital" Radio Sawa will still be a 24-hour stream, or more of an a la carte service.

Visit swradiogram.net, www.kimandrewelliott.com, [@kaedotcom](https://twitter.com/kaedotcom), twitter.com/kaedotcom



Shortwave Center

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

Local clocks return to summer time in North America on the 11th, but--as we all know--Greenwich Mean Time remains immutable. This month's SWC has a comparable review of two current shortwave receivers, some news and a bit of history. Enjoy!

SHORTWAVE RECEIVER REVIEW

A Tale of Two Radios: Tecsun PL-880 vs Eton/Grundig Executive Satellit

By Chuck Rippel, K8HU

(First published online in The SWLing Post and reprinted here by permission of the author and site editor.)

This proved to be a difficult comparison strictly when writing from the perspective of "which one is better."

In my view, the two models compliment each other and both are worthy additions for any DXer or listener. Each has its own set of useable and unique features. That said, 1970 is when I got my start in SWBC DX, either of these radios would have been among "the gold standards" at a time when **Realistic DX-150s** were \$119.95 new, **Hammarlund HQ-180s** could be purchased new and **Collins** was still putting "winged emblems" on their amateur equipment.

There were few consumer grade receivers which had frequency accuracy until the introduction of the **Allied SX-190** at the princely sum of \$249; but when tuning the 49MB in the evening, one heard the entire band on one frequency due to overloading. Oh well, I digress....

The **Executive Satellit** will be the 3rd from the **Eton Satellit** family I purchased. The first two were initial releases of the standard, black version; and both suffered from build quality issues and had to be returned. Some months down the road, I noticed that my friend, Clint Gouveia on his "Oxford Shortwave," YouTube channel was demon-

strating great success with his own Eton Satellit and with that in mind, I made what would become the 3rd plunge with Clint's appreciated encouragement.

My first operational impression of the **Executive Satellit** was that the overall build quality had been improved by an order of magnitude. The radio looks and feels good, responding well to control inputs although their placement on the **Tecsun PL-880** is superior to my way of thinking. On the Executive, I quickly found a feature different from the original Eton Satellit. The adjustable display backlight can be set to stay on indefinitely, even with the radio turned off and when the clamshell style leather case held in place by a number of magnets is folded over the front of the radio, the display is out of view and if left backlit, will result in a set of dead batteries over time.

While on the subject of the Eton's display, it is a major selling feature. The yellow-orange characters convey all the information a user might need with excellent resolution and the display is, overall, pleasant to look at. A welcome change from LCD type displays more commonly found in portables today including the **Tecsun PL-880**.

The **Satellit** uses 4 AA batteries (I recommend rechargeable, 2000ma Panasonic Eneloop batteries) while the **Tecsun** uses an included, single 16550 2000ma lithium ion battery. Both radios share the capability of being able to charge their internal

batteries when connected to an included DC wall-wort power sources and additionally, in the case of the **Tecsun**, from a USB source. The **Satellit** uniquely allows the user to enter a charging time in minutes via the front panel keypad and the owners manual suggests charging times for batteries of various capacities--a nice feature.

Each manufacturer stresses memory capacity as a selling point. Is a radio sporting 3,000+ memories better than a model with "only" 700? I suggest such a feature is a viable selling point only if the user can remember what is stored in each memory location. Both models help the user organize memory usage by organizing them in "pages" or banks.

As an aside, I organize memory pages using a couple for local MW stations, and one for local FM. Pages 1-24 contain SWBC stations organized by time. Bank or page 1 contains SWBC stations that can be heard at 0100Z, page 2 at 0200Z and so on. A plus for the **Eton**, the user has the option of assigning an 8 character label to each page of seven memory channels which are accessible via a row of "F" keys, located just under the display.

What about reception; what's "under the hood?"

Both have variable bandwidth, SSB, an external antenna input and fine tuning options. Using only the stock, attached whip antenna I was able to pick up Radio Havana, Cuba on 15370.0 although the **PL880** suffered from picking up its own electronic spurs, seemingly a **Tecsun** characteristic noted across several of their models. Both radios received the station adequately but I'll give a slight edge to the **Satellit** due to its slightly better audio recovery.

Uniquely, the **Satellit** offers sideband selectable, synchronous detection but the resulting audio is on the muddy side and that feature is less than stellar.

On FM, both were able to provide stereo reception of a 250 watt translator on 96.5 MHz located approximately 10 miles away

with excellent, nearly identical audio quality. In as much as audio quality is judged differently by each of us, I will refrain from favoriting one radio over another.

The ability to receive, decode and display RDS data is a plus for the **Satellit**. An aside, there is a well-known MW-DXpert who also chases FM DX. What does he use for a radio and antenna? How about a **Sony 2010** and **Tecsun PL-310**? He puts each radio on an open frequency and waits for E-skip--no special, hi tech FM tuner or multi-element FM antennas. Point being, either of these radios have high performance FM tuners and are capable of delivering FM DX when there is E-Skip or Tropo-Ducting which speaks highly for both.

As an Ultra-light DXer since its inception, MW reception is important to me. Here again, performance between the two is nearly identical although with their small ferrite internal MW antennas, they don't compete with say... a **GE Super Radio II**. Both the **Eton** and **Tecsun** benefit from an external, tuned, close-coupled MW antenna such as a Crate Loop. Unfortunately, the external antenna input on both is not operable on MW.

Clearly, there is no "best" here. Either choice is a good one. Having both is perhaps the best option. The performance of the **Satellit** and **PL880** excel well beyond their price and make convenient traveling companions. A third of the size and half the price of what many consider "THE" benchmark portable multiband receiver, the **Sony ICF-2010** (or in Europe, the **ICF-2001D**), both the **PL-880** and **Satellit** offer increased portability and compete closely with the Sony on performance and features.

These attributes combine to deliver a sometimes rare commodity: VALUE! I would challenge anyone to identify a current manufacturer, consumer grade receiver that offers the performance, features and audio quality of either these two receivers for under \$250. All kudos aside, neither of these fine receivers will deliver the kind of gold plated performance delivered by a **WinRadio**, **Drake R8B** or **Perseus**, etc.

[Ed. Note: Additional audio/visual material <https://swling.com/blog/2017/04/review-related-to-this-review-is-on-offer-from-the-etongrundig-executive-vs-tecsun-pl-880/> following link:

[Ed. Note: OK, the next item isn't about shortwave. But TWR Bonaire on 800 kHz. MW definitely will be a DX target throughout the continent and beyond, so this bears reporting.]

SHORTWAVE NEWS

TWR Bonaire Inaugurates 450 kW Transmitter

Launched the largest AM transmitter in the Western hemisphere,
says broadcaster

January 30, 2018

By Marguerite Clark

Radio World magazine

Christian broadcaster **TWR Bonaire** celebrated the launch of its new Nautel NX400 450 kW transmitter on Jan. 30.

The station, founded in 1964, broadcasts on 800 AM to listeners in Venezuela, Cuba, Colombia, Brazil and the Caribbean, as well as on 89.5 FM for people living on the island of Bonaire.

To inaugurate the 450kW, 800kHz, three-pattern radio broadcast transmission system, which the station said would result in clearer, wider-reaching broadcasts to more countries in the Caribbean and Latin America, TWR's president Lauren Libby was

present on Bonaire leading an international gathering of ministry staff, supporters and friends.

"A project of nearly five years has come to an end," said Bernard Oosterhoff, **TWR Bonaire** station director, of the "Power Up" campaign, which raised more than US\$3.8 million and rebuilt the broadcast facility.

As part of the modernization, Nautel supplied the NX400 transmitter and Kintronic Labs provided the upgraded four-tower antenna system.

TWR says the stronger signal could double the size of its audience, potentially reaching some 100 million people in Latin America and the Caribbean.

The celebration was streamed live on TWR's Facebook page.

SHORTWAVE NEWS

World Radio Day Puts Focus on "Radio and Sports!"

Aims to promote diversity, gender equality and peace and development through sports coverage

January 11, 2018

By Marguerite Clark

Radio World magazine

The seventh edition of World Radio Day took place on Feb. 13. With this year's emphasis on "Radio and Sports!," UNESCO is once again planning multiple celebrations worldwide. Radio World spoke to Belinda Gurd,

coordinator for World Radio Day 2018, to learn about the organization's objectives and plans for the 2018 event.

Radio World: Can you please provide a brief background on World Radio day?

Belinda Gurd: Proclaimed in 2011 by the Member States of UNESCO, and adopted by the United Nations General Assembly in 2012 as an International Day, February 13 became World Radio Day. The date was chosen to represent the day United Nations radio was launched in 1946, more than 71 years ago.

Radio is still the most dynamic, reactive and engaging medium there is, adapting to 21st century changes and offering new ways to interact and participate. World Radio Day provides an annual opportunity to celebrate radio and how it contributes to democratic debate through information, entertainment and audience interaction.

Radio World: What is the theme for this year's World Radio Day? Why?

Gurd: The theme for this year's World Radio Day is: "Radio and Sports!" It has been chosen by members of the World Radio Day Committee (formed by the main radio broadcasting organizations and unions) to recognize and mark World Radio Day with global celebrations, which highlight the importance of radio as a medium and focus attention around the advocacy messages of this year's WRD subthemes:

- Diversity in sports coverage
- Gender equality in sports coverage
- Peace and development through sports coverage

Radio World: What are UNESCO's goals this year?

Gurd: The Objective for the 2018 World Radio Day is to strengthen diversity in sports broadcasting and deepen the connection between current coverage and the positive values of sport, by working with radio stations and related organizations. Goals include the following:

- Improve the breadth and depth of sports covered, including raising awareness on opportunities to cover cultural/traditional sports and grassroots/community sports, especially within public service and community media.
- Encourage greater gender equality in sports radio in terms of equal opportunities for female sports broadcasters, equal representation of women's sports, and the elimination of harmful gender stereotypes in sports coverage.
- Increase coverage of "sport for peace"-type initiatives that showcase the power of sport in bridging divides, promoting development and providing a wider range of role models for young people.

Radio World: How would you like radio broadcasters to participate this year and in the future?

Gurd: Possible ways they can participate include:

- Celebrate on air: cover diverse sporting events linked to World Radio Day subthemes, or work with local sports associations to organize a special event.
- Content creation: Create WRD specific content; interviews, videos, images, jingles, stories - for promotion on the WRD Website and social feeds.
- Social Media Support: Join the conversation, follow #WorldRadioDay and spread the word about the day
- Engage their influencers: Engage their influencers to support World Radio Day.

Radio World: Can you provide some examples of how radio broadcasters are getting involved this year or have participated in the past?

Gurd: Radio stations are encouraged to visit the World Radio Day website and use the rights-free content created especially for the event, to celebrate radio and sports. Here they will find over more than 15 interviews to use on the day, including a specially produced audio piece promoting fair coverage of female athletes in sports broadcasting.

"One sport; two stories" is a duel audio recording designed to highlight the difference in the way sportswomen and sportsmen are reported on. Using the power of stereo audio we were able to share the same story of a male, and a female athlete told from both perspectives but at the same time. The left channel will play the man's voice, and the right channel will play the woman's voice. The story will be the same but the detail will be very different.

SHORTWAVE HISTORY

ADRIAN PETERSON'S DIARY

Abandoned Shortwave Stations

[An edited version taken from a four part series first broadcast on AWR Wavescan.]

We first examine the story about four major shortwave stations in Wales, Holland, Ukraine and Australia. Let's go to Wales first.

Back in the early part of World War 2 in the middle of the last century, hurried plans were developed for the construction of an important communication station as a backup for the larger and more important **Rugby Radio**. The huge wireless station at Rugby was taken into service in 1925, and at the height of its massive capability, it contained more than 30 transmitters, mostly shortwave, though the superpower very low frequency longwave transmitter was capable of communicating with submarines almost anywhere. There were times also when **Rugby Radio** carried a relay of **BBC** radio programming on shortwave for rebroadcast and for direct listening in overseas countries.

During the stressful years of World War 2, the British authorities determined to build a backup station for **Rugby Radio** in England, and a location in a lonely area near Criggion, across the border in Wales, was chosen. The Criggion station also contained shortwave and longwave transmitters, together with a massive aerial and counterpoise system that was attached to a nearby high hill.

Radio World: How do you see this event evolving over the next few years?

Gurd: World Radio Day is an important day — as a global opportunity for the radio industry to highlight and celebrate the prominence of radio as a medium for connecting and informing communities, we would like to see the success of the day continue with even more radio stations taking part.

The three tall towers installed at Criggion were originally slated for erection at the British navy communication station at Trincomalee, Sri Lanka, but because of the high priority for Criggion they were diverted to the location in Wales. As we know, Trincomalee was subsequently taken over by **Deutsche Welle** for their Asian relay station, and it is now operated by **SLBC**, the **Sri Lanka Broadcasting Corporation**.

Criggion Radio began service on shortwave in July 1942, and the station was declared redundant in 2003, due mainly to the availability of satellite communication. Useful electronic equipment was removed and installed elsewhere, and since then the station has lain vacant and abandoned.

Weeds abound everywhere, the interior of the main transmitter building has been trashed and broken, though it still stands strong and solid. A total of some 10 auxiliary buildings are in the same condition, and the **BBC** declares that the station has been abandoned and left to rot.

Over the other side of the North Sea, in the country of Holland, there is another high profile radio station that has been closed and abandoned. **Radio Netherlands Worldwide**, **RNW**, began the usage in 1985 of its huge shortwave station at Flevo, on ground that had earlier been reclaimed from the sea.

At the height of its usefulness, **RNW Flevo** contained 1 transmitter at 100 kW and 4 at 500 kW, though the power of the 500 kW transmitters could be stepped down if desired. There were 17 curtain antennas for overseas coverage and 2 for local coverage in Europe.

Radio Netherlands Flevo was closed in 2007, and the usable electronic equipment, including the 5 shortwave transmitters, was all removed. These days, the transmitter building and all of the tall self-supporting antenna towers remain on site, unused and abandoned. This massive shortwave station can still be seen on Google Earth, impressively sited in the midst of serenely cultivated farm lands.

Let's go over to the Ukraine now, to the site of what was a woodpecker over the horizon radar station. It all still stands there, quite near to the disastrous and abandoned nuclear generation plant at Chernobyl.

It will be remembered that there was a catastrophic nuclear accident at Chernobyl in 1986 that destroyed a nuclear reactor from which radioactive fallout spread out across Europe. This disastrous event is by far the worst nuclear accident in the history of the world.

Still standing nearby, though bereft and abandoned, is a massive radio station that defies imagination for its size; it was known as the **Woodpecker**. This radio station transmitted super-powered shortwave signals in the form of over the horizon radar transmissions, which caused a havoc of interference in the international shortwave broadcasting bands.

Known in Russian terminology as **Duga 3**, the Woodpecker station near Chernobyl was constructed in 1976 and it required a total staff of 1500 personnel. The gigantic antenna system stands 1,000 feet tall and it is described as a photographic wonder. The total radio frequency output was estimated at around 10 MW (megawatts). This station was declared redundant in 1989, and closed and abandoned.

And for our fourth abandoned radio station, we visit down under to the continent of Australia. Lying close to the Pacific coast in North Queensland is the small town of Brandon, and just three miles north of Brandon at the intersection of three roads (Jack, Colevale and Gordon), lies an **ABC** mediumwave and shortwave broadcasting station.

The Brandon property in the flat sugar cane country was acquired in 1958 and the 50 kW mediumwave station **4QN** (630 kHz) was transferred from Clevedon and rebuilt further south at Brandon. Then 31 years later (1989), two 10 kW STC transmitters from the closed shortwave station at Lyndhurst in Victoria were installed with 4QN at Brandon.

The original intention was that subsequently two shortwave transmitters at 100 kW would be co-installed at the Brandon radio station. However, instead a third 10 kW transmitter from Lyndhurst was installed at Brandon (1999), and a few more years (2006), all three STC transmitters were replaced by two 20 kW DRM RIZ transmitters from Croatia. However, 9 years later again (2015), the shortwave service from Brandon was abruptly and unceremoniously closed.

The Brandon radio station is owned and operated by Broadcast Australia and it is an unattended relay station that carries the programming from the government operated **ABC**, the **Australian Broadcasting Corporation**. The mediumwave station **4QN** is still on the air at this location to this day, but the shortwave transmitters lie silent, and the two curtain antennas stand unused. However, even though the shortwave facility has been abandoned and is no longer in use, yet the outward appearance of the facility seems to indicate that it is all still in good condition.

We turn now to some more abandoned radio stations; this time four shortwave stations located in the United States and in Africa. We begin with the long time silent shortwave station located near Upton in Kentucky.

It was back in March 1986 that an application for a new shortwave station was lodged with the FCC on behalf of FM station **WJCR** which is located in a country area some 65 miles south of Louisville in Kentucky. The radio station property, with its 200 acres of land, is situated adjacent to the Molin River a little west of the small town of Millersburg, some 9 miles west of Upton.

Six years later, on March 15, 1992, the first test broadcasts went on the air from the new shortwave **WJCR** on 7490 kHz at a temporarily reduced power. This was a gala occasion for station owner Don Powell with more than a hundred supporters coming in for the event.

Two years later (1994), **WJCR** shortwave was on the air with three used 50 kW RCA transmitters, each converted from mediumwave by the Armstrong Transmitter Corporation in Marcellus, New York. There were just two shortwave antenna systems in use, both rhombics, for coverage of the Americas, Africa and Europe; thus only two transmitters were on the air at any one time. A fourth RCA 50 kW mediumwave transmitter was also installed in the transmitter building, though conversion to shortwave was never completed.

Four years later (1998), **WJCR** bought two 100 kW Continental transmitters from the recently silent **VOA** shortwave station at Bethany, Ohio and these 20 year old units replaced all four of the converted RCA units.

The shortwave station was sold to Bob Rogers at FM station **WJIE** in Louisville in April 2002, and they began programming the shortwave transmitters by subcarrier at 9:00 am on April 28. However, the **WJIE** usage of the shortwave station was intermittent and irregular, and even a year later, it was stated that the paper work for the change of shortwave callsign from **WJCR** to **WJIE** had not been completed. Just a few of the previous **WJCR** QSL cards were issued to verify the programming relay from **WJIE**.

Three years later (2005), shortwave **WJCR** (**WJIE?**) was declared silent, and ownership was transferred to new owners with a new

callsign, **WPBN**. However, with the aged transmitters deteriorating, it was probable that they were never activated under this new callsign.

At the time of the last known visit to shortwave station **WJCR-WJIE-WPBN** by an international radio monitor some years ago, the silent electronic equipment was still in place, though it was no longer considered to be of any use in international radio broadcasting.

Let's cross over to Africa now and we pick up the story of three shortwave stations that were at one stage in active usage, though they were subsequently abandoned. These three stations were located on the west coast of Africa in Liberia and Sao Tome.

In 1952, work began on a jungle property 11 miles south of the national capital, Monrovia, for the installation of a new shortwave station that would be operated under the aegis of SIM, the Sudan Interior Mission. The new radio station, **ELWA** (EL for Liberia and WA for West Africa, though subsequently and informally Eternal Love for West Africa), was inaugurated in a special ceremony on January 18, 1954, though their first transmitter was a 1 kW mediumwave unit on 710 kHz, not shortwave.

One year later (1955), the first shortwave transmitter was taken into regular service, a 10 kW Gates unit, Model HF10A. Then during the next dozen years, an additional three shortwave transmitters were installed, 1 at 10 kW and 2 at 50 kW.

In the meantime, the American government took out a lease for a **VOA** relay station on 1300 acres of land near Careysburg, some 10 miles distant from both the city of Monrovia and from the now already established **ELWA**. While the station was under construction, a transportable station with 3 shortwave transmitters at 50 kW each was flown in from the United States and taken into service in 1959.

At its full level of operation, **VOA** Monrovia contained 2 Gates transmitters at 50 kW and 6 GE transmitters at 250 kW. Once the main

station was operational, the transportable station was removed and reinstalled at the large **VOA** station at Point Poro in the Philippines.

In August 1990, during the civil war insurrection, both **ELWA** Monrovia and **VOA** Careysburg were attacked and destroyed. Foreign staff had already been evacuated.

Some 4,000 Africans fled onto the **VOA** compound, hoping for protection from the murderous onslaughts. The most massive destruction at the **VOA** station occurred on September 17 (1990), when the station was attacked and looted, and in reality, just totally destroyed.

Meanwhile, over at the **ELWA** compound, many Africans there also fled onto the property as refugees seeking protection. However, insurgent militia took over the station and forced the remaining local staff to broadcast a (false) message stating that the government had been overthrown. As a result, government forces attacked the station with artillery shells.


Even though **ELWA** was virtually totally destroyed in the 1990 insurgency, yet the station was partially rebuilt three years later with a 10 kW Collins transmitter that had been rebuilt by Armstrong Electronics in New York and that was on air at only 5 kW. Subsequently, a more than 44 year old 50 kW from the original **KGEI** in San Francisco was also installed at **ELWA**.

However, give one more year (1996), and insurgents again attacked the station, once more totally destroying it.


Now in the meantime, the **Voice of America** sought a new and safe location for the installation of another new shortwave station, and a location on a peninsula just 3 miles south of the coastal city Sao Tome, on the island of Sao Tome, was offered to them. Interestingly, this location was itself at the time an abandoned shortwave station which had previously been in use by **Radio Nacional** for a period of some sixty years.

At the time of the initial **VOA** inspection in 1992, the 10 kW shortwave transmitter (4807.5 kHz) was still in location, though it was obviously no longer usable. Radio broadcasts from this new **VOA** station on Sao Tome Island began in May 1993.

Now what about the two damaged and destroyed shortwave stations located near Monrovia in Liberia? The ex-**VOA** station is now in use as an American military base for the training of local army personnel in Liberia. The main highway to the military encampment, Camp Sandee S.Ware, is no more than a sloppy mud track through an undeveloped country area.

The **ELWA** station was twice destroyed (1990 and 1996) and twice somewhat temporarily abandoned. However, to their credit, the station has again been rebuilt and it is now on the air shortwave with a 1 kW transmitter on 6050 kHz, together with a modern hospital facility and a village of modern staff housing. 

NASWA Facebook Page

Join moderator **Richard Murphy** <richard.murphy@swri.org> at the club's Facebook page which provides members with another way to keep in touch. This group is intended for social interaction between the club members and will not be used to publish loggings, articles, or other materials that would normally appear in The Journal, the NASWA Yahoo group, or the Flashsheet. While the existence of the group is visible to all Facebook users, the online postings are available only to group members and group members must be NASWA members. Comments and suggestions from the membership are welcome. To locate the NASWA Facebook page, simply enter "North American Shortwave Association" into the search box on the top toolbar. If you are into social media, give it a try. 

Listener's Notebook

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Times are UTC and frequencies in kHz.

ALASKA 7370, KNLS at 1217 in their English hour with song and Christian message. - Poor, Feb. 6. (Harold Sellers-BC/DXplorer)

ANGOLA 4950, Radio Nacional de Angola, n/d E-letter for e-report to this e-mail address: josela.mami@hotmail.com. (Artur Fernández Llorella, Malgrat de Mar-Spain/DX Fanzine) 4949.75, Radio Nacional de Angola, Mulenvos, 1914-2008, 12-02, Portuguese, male, female, news, "Radio Nacional, as noticias", "Luanda", "A República de Angola", "O Presidente da República", at 1930: "Radio Nacional de Angola, 20 horas 30 minutos, programa esportivo da noite", sports, at 2000: "21 horas, programa de informação pública da Radio Nacional". 25322. (Méndez-Spain/PlayDX) 4949.7, Rádio Nacional de Angola was heard Feb 14, from 0153+; below average reception tonight; still there at 0302 news. (Ron Howard-CA)

ARMENIA Reception of Trans World Radio India via Yerevan on Feb. 15:

1435-1450 on 9745 ERV English Mon-Fri, strong. Continues wrong frequency announcement A17 9410, instead of 9745. (DX Mix-Bulgaria)

AUSTRALIA Reception of Reach Beyond Australia in 25&31mb, Feb. 18:

1245-1300 on 11865 KNX English Daily
1300-1330 on 9610 KNX English Sun
(DX Mix-Bulgaria)

Very good signal of Reach Beyond Australia, Feb. 3:

1300-1315 on 11865 KNX Marwari Sat
(DX Mix-Bulgaria)

Good signal of Reach Beyond Australia in English, Feb. 6:

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

4835, thanks very much to Craig Allen (owner and operator of Ozy Radio), who quickly responded to

my inquiry about the status of Ozy Radio, in light of his abbreviated transmission today (Feb. 21). His reply: "ozyradio is changing frequency to 4835 will be back on air soon". (Ron Howard-CA)

5045, 0832-, Ozy Radio Feb 4 Perhaps a pretty good night with fair reception already before LSS in Australia. Newscast. "This is ? news" (static crash just as they were IDing the newscast. Lots of mentions of Australia. Stronger than 4KZ Innisfail on 5055 (with music at this time). 5045, 1423-, Ozy Radio Feb 2 Fair to good reception with modern music, and time check for '23 past' ? at 14:23. Lots of static crashes noted, though. Best with my ALA 100 aimed NE/SW (vs W BOG). Ozy Radio ID after Radio Australia IS at 15:10 then giving multiple IDs noted and internet address. Fair level at this latter time. Reviewing Perseus wav files, peak seemed to be at and after 12:00 UTC. Still audible at 16:38 recheck. 5045, 1641-, Ozy Radio Feb 4 A pretty decent morning with good propagation. Mostly Australian news at 16:30 (not sure of the source). EZL music when rechecked at 16:43. Fair to good overall. (Walt Salmaniw-BC/DXplorer) 5045, Ozy Radio, 1502, Feb 6. Best in LSB; start of the local Melbourne news; police charge two men, one 20 year old and also an 18 year old, in connection with an armed robbery at a local gun shop, etc.; at times was semi-readable; reception well above the norm. (Ron Howard-CA) 5045, Ozy Radio at 1138 with pop songs, 1202-1207 mostly woman, some man speaking, heard "www" at 1206, followed by some Waltzing Matilda music, mention of Ozy Radio, back to music at 1208. - Poor, Feb. 6. (Harold Sellers-BC/DXplorer)

5055, 0845-, 4KZ Innisfail Feb 4 What the heck, it's only about 15 min until LSS at the transmitter site, so I've decided to stay awake to see whether there's a dawn enhancement, and sure enough, the signal is improving compared to 15 minutes ago. Now at fair level with mostly music. "Downtown" playing at 08:48. (Walt Salmaniw-BC/DXplorer) Radio 4KZ, 1350-1403*, Feb 5. Best in USB; pop songs (The Carpenters - "Top of The World," etc.); 1400 start of the news; cut off before completed. (Ron Howard-CA) 5055, Radio 4KZ presumed at various checks 1146-1210, could only discern music or talk, no specifics. - Very weak, Feb. 6. (Harold Sellers-BC/DXplorer)

5055, 4KZ 1157 "Midnight Confession" by The Grass Roots. M anncr w/apparent ID at 1159:45, then usual ToH nx by W w/actualities. 1213 "Strangers in the Night" by Sinatra. 1216 "Rockin Pneumonia and the Boogie Woogie Flu" by Johnny Rivers. 1218:30 M DJ w/Aussie accent, then what sounded like an ad, and back to mx 1224-1227 "Shine a Little Love" ELO, 1227-1230 "Casino Royale" by Herb Alpert and Tijuana Brass. 1234 short promo by W on the street between songs. 1234-1239 "Your Wildest Dreams" by The Moody Blues. 1243 M DJ again, followed by ad by M w/phone at 1244, promo by W again, and back to mx w/Reggae style. 1250 "Saving All My Love for You" by Whitney Houston. 1253-1256 "Sorry Seems to Be the Hardest Word" by Elton John. 1259 instru. synth. mx as filler to ToH. 1259:45 M again (sounds like ments a phone), then W w/nx after 1300 w/ment of Australia near beginning. Seemed to peak overall around 1230, right after sunrise. And was noticeably stronger than 5045 Ozy. 15 Feb. (Dave Valko-PA) Thanks very much to Al Kirton (general manager of Radio 4KZ), who quickly responded to my inquiry about the status of Radio 4KZ, in light of his abbreviated transmission today. Here is his reply: "Yes 5055 is/was OK. I turn it off remotely when there is a lot of lightning around as I can't buy a spare RF module. If ever you hear of any one with spares for a 1 kW LPB (US made) shortwave transmitter, let me know. Cheers, Al". (Ron Howard-CA) Yes, far north QLD has had some wild weather over the past few days. This looks set to continue with the weather bureau predicting between 300 and 400mm (12-16 inches) of rain over the next 8 days for many parts of FNQ, typical of the "wet season" up in that part of the world. I've never been up there at this time of year, but I'm told that the humidity is something else! So, expect that operations from 5055 may be intermittent in the coming week. (Rob Wagner-Australia VK3BVW)

9610, Reach Beyond Australia at 1318 in Hindi with preacher, 1326 hymn in Hindi, 1329:20 English closing "Thank you for tuning Reach Beyond Australia..." and off. - Good, Feb. 6. (Harold Sellers-BC/DXplorer)

11900 Reach Beyond Kununnurra. Reach Beyond with excellent propagation this morning, rock solid signal with their programs into South Asia. Nice ID by YL in Hindi at 1430 and opening of program "Jeevan Warta". Good SWling station, nice music and pleasant for the background. 1434 YL and OM in tag team anmts. (Ralph Perry-IL)

AUSTRIA Very good signal of Oesterreichischer Rundfunk, Feb. 16:

0600-0720 on 6155 MOS German Mon-Fri
0600-0710 on 6155 MOS German Sat/Sun
(DX Mix-Bulgaria)

6155, 0602-, Radio Oesterreich International Feb 3
Very good reception in German with news. Brings back happy memories when they were in English, and even with a DX program. (Walt Salmaniw-BC/DXplorer)

BANGLADESH Good signal of Bangladesh Betar on Feb. 2:

1315-1345 on 9455 DKA Nepali
(DX Mix-Bulgaria)

13580, Bangladesh Betar, QSL, schedule in 8 weeks for e-report to this E-mail address: dgbetar@btcl.net.bd and rrc@dhaka.net. (Artur Fernández Llorella, Malgrat de Mar-Spain/DX Fanzine)

BAHRAIN 9745, programme change on 9745 confirmed in period 5-12 Jan 2018: instead of previous General Prgr in Arabic now is already Shabab (= Youth) Programme in Arabic featuring mainly rap-disco-techno songs in Arabic. Noted IDs, on Jan 5th at 0135; on Jan 6th at 0517 as "nineteen eight point four Shabab eF eM"; at 1518 a jingle "Shabab ef em", same also on the next days and nights. Usually ID is around 15th minute of the hour. (Rumen Pankov-BUL, wwdxc BC-DX TopNews Jan 13)

BOLIVIA 3310, R. Mosoj Chaski. Nice camposina mx w/W vcl, W in Quechua at 0957 including TC, and cont. tlk to 1000. Usual canned ID anmnt w/ freq and QTH over instru. CP mx, then W returned briefly before going back to camposina mx. (Dave Valko 28 Jan./DX Fanzine)

6024.96, Red Patria Nueva. From 1026 t/in w/M and W hosts w/apparent "Bolivia Informa" nx pgm. Many remote phoned-in rpts. 1029-1035 ad/promo block including ID at 1032:25 several nice IDs in promo at 1033:10. Fortunately the Cuban jammer went off at this time. 6030 OC came on 1045 causing some QRM. Then someone on 6020 blasted it out at 1058. (Dave Valko 30 Jan./DX Fanzine)

BRAZIL 4862.2, Radio Alvorada, Londrina, 2113-2116, 12-02, "A Voz do Brasil". 14321. (Méndez-Spain/PlayDX)

4875.26, R. Difusora Roraima. Tremendous signal like a local at 0256 w/PT contemporary mx. 0259 jingle and TC, then full canned ID by M, and into Clapton's acoustic version of his "Layla". (Valco 31 Jan./DX Fanzine)

4885, Radio Clube do Pará, Belém, 0512-0545, 13-02, Brazilian songs, "Radio Clube da Madrugada", id. "Radio Clube do Pará, ondas médias..., onda tropical, 4885 kHz., ...". 35433. (Méndez-Spain/PlayDX)

6010, Radio Inconfidência, Belo Horizonte, 2108-2112, 12-02, "A Voz do Brasil". 13321. Also 0450-0457, 13-02, Portuguese, comments, Brazilian songs. 14321. (Méndez-Spain/PlayDX)

10000, Time Signal Station Observatorio Nacional, Rio de Janeiro, 0833-0837, 18-02, time signals, female voice announcements: "Observatorio Nacional 6 horas, 34 minutos, 0 segundos". 13321. (Méndez-Spain/PlayDX)

11735, Radio Trans Mundial, QSL, magazine in 10 weeks for e-report to: qsl@transmundial.com.br. (Artur Fernández Llorella, Malgrat de Mar-Spain/DX Fanzine) 11735, Radio Transmundial, Santa María, 1325-1402, 13-02, program "Bom dia RTM", "Esta e a Radio Transmundial, transmitindo desde o centro de produção de Sao Paulo...", "Estamos apresentando Bom dia RTM". 23322. The program "Bom dia RTM" is on air from Monday to Saturday, 0830 to 1355. (Méndez-Spain/PlayDX)

11915, Radio Evagelizar, p/d E-letter in 5 days for e-report via their web. (Artur Fernández Llorella, Malgrat de Mar-Spain/DX Fanzine)

15190, Radio Inconfidência, QSL, in 2 years and 4 months! for f/up e-report to this Email address: gleisonferreira@inconfidencia.com.br. (Artur Fernández Llorella, Malgrat de Mar-Spain/DX Fanzine)

CANADA 'It's like Frankenstein's lab': Massive 78-year-old transmitter for sale. 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'gma'wé'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 electrical 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."

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." 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. (CBC, 22 Jan 2018, via Mike Terry-UK, BrDXC-UK Jan 22/TopNews)

CHINA Voice of the South China Sea (Gov), Complete schedule in Filipino:

1200-1230 daily on 9720xia, 11955kun (WRTH Update)

4940, Voice of Strait, 1503, Feb 3. The Saturday only "Focus on China" program in English; singing "Voice of Strait, Focus on China" jingle; program with audio feed from the CCTV/CNTV "Roof of the World" episode 4, "Water of Great Good" about the Qinghai Tibet Plateau; 1530 usual ID in English - "This is the Voice of Taiwan Strait News Radio." (Ron Howard-CA)

5050, Beibu Bay Radio, 1517, Feb 3 (Saturday), heard a repeat of the Jan 30 (Tue.) show; all pop songs in English (Ray Charles - "Georgia On My Mind" and Chubby Checker - "Let's Twist Again"), fair. Probably on the weekend they just run repeat shows 1500-1525. (Ron Howard-CA)

6035, PBS Yunnan, 1125-1201*, Feb 18. In Chinese with EZL pop songs and traditional Chinese music; 1131 the usual ID in Chinese and English; "S W liu(6) ling(0) san(3) wu(5). Yunnan Radio and Television International, the Voice Shangri-la"; no BBS/Bhutan today. (Ron Howard-CA)

6200, Voice of Jinling, at 1233, on Feb 18. Perry Como with "And I Love You So Much"; almost good reception, with light Tibet QRM. (Ron Howard-CA)

CHINA (TIBET) 4905, 1602-, PBS Xizang Feb 3 Holy Tibet program in English with the usual YL. Fair to good level, but a bit under modulated. Stronger than // 6200. Also // 4920 (good reception, but cochannel to AIR which is stronger), 6025 (poor), and 7255 (fair). Others listed not heard here. (Walt Salmaniw-BC/DXplorer)

CLANDESTINE Dengê Welat is a new name of former Dengê Kurdistan, Feb. 2. Updated SW/MW schedule of Dengê Welat via CJSC Yerevan:

0330-1530 on 4810 ERV Kurdish
0330-1530 on 7520 ERV Kurdish
1530-1600 on 7520 ERV Kurdish
1600-2200 on 7320 ERV Kurdish
1600-2200 on 1395 ERV Kurdish
(DX Mix-Bulgaria)

Reception of Radio Xoriyo Ogaden via MBR Issoudun on Feb 17:

1600-1630 on 11970 ISS Somali Tue/Sat, very good
(DX Mix-Bulgaria)

Reception of Voice of Oromo Liberation via MBR Nauen, 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 Herwa International via TDF and WRMI, Jan. 21:

1930-2000 on 9580 ISS Hausa/Kanuri, fair
1930-2000 on 11530 YFR Hausa/Kanuri, weak
(DX Mix-Bulgaria)

Radio Herwa International (New Entry), E: mohammedngubdo@gmail.com in Hausa/Kanuri:

0700-0730 Daily on 11530rmi, 13710iss
1930-2000 Daily on 11530rmi
(WRTH Update)

Reception of BRB Radio Que Me via T8WH Angel 3 on Jan. 26:

1200-1230 on 9930 HBN Vietnamese Fri, strong
(DX Mix-Bulgaria)

Voice of Khmer M'Chas Srok via BaBcoCk Tashkent, Jan. 28:

1130-1200 on 12150 TAC Khmer Thu/Sun, fair
(DX Mix-Bulgaria)

Voice of Wilderness via BaBcoCk Tashkent on Feb. 2:

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

Radio Free North Korea via BaBcoCk Tashkent on Feb. 2:

1200-1300 on 9345 TAC Korean, very good
(DX Mix-Bulgaria)

BRB Radio Voice of Independent Oromiya via TDF Issoudun, Feb. 11:

1600-1630 on 17850 ISS Oromo Sun, poor
(DX Mix-Bulgaria)

Reception of BRB Voice of Amara Radio via TDF Issoudun on Feb. 4:

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

Reception of Voice of Oromo Liberation via MBR Nauen on Feb. 18: 1600-1700 Mon-Fri at 11600sof†±, 11575sof†± ib Oromo.

1700-1730 on 11810 NAU Afar Oromo Wed/Fri/Sun (DX Mix-Bulgaria) Key: † Irregular (test transmissions), ± Variable frequency. (WRTH Update)

Reception of Radio OMN via SPL Secretbrod, Feb. 4: Voice of Amara Radio (VAR/VOAR), Revised complete schedule in Amharic:

1600-1700 on 11575 SCB Oromo, weak signal
1600-1700 on 11600 SCB Oromo, poor + jamming (DX Mix-Bulgaria) 1700-1800 Mon, Wed, Sat & Sun on 15360iss (WRTH Update)

New schedule of Radio Dandal Kura Inter from Feb. 26: Reception of BRB Voice of Amara Radio via TDF Issoudun on Feb. 17:

0500-0600 on 5960 ISS Kanuri, ex same ASC
0600-0700 on 7415 ISS Kanuri, ex 5960 ASC
0700-0800 on 13810 WOF Kanuri, unchanged
1800-2000 on 12050 ISS Kanuri, ex same ASC
2000-2100 on 12050 ASC Kanuri, ex 1800-2100 (DX Mix-Bulgaria) 1700-1800 on 15360 ISS Amharic Mon/Wed/Sat/Sun, strong (DX Mix-Bulgaria)

Radio Ranginkaman/Rainbow via BaBoCk Grigoriopol, Feb. 16: Radio Munansi will return on WWRB weekends on 15240 of power 100 kW, during the daytime in the afternoon Eastern time-exact times to be determined. (DX Mix-Bulgaria)

1700-1730 on 7580 KCH Persian Mon/Fri, fair (DX Mix-Bulgaria) Radio Adal: Shortwave transmissions cancelled until further notice. (WRTH Update)

Reception of JSR Shiokaze Sea Breeze in English, Feb. 8: Radio Al-Mukhtar (Rlg): Shortwave transmissions cancelled until further notice. (WRTH Update)

1300-1400 on 5935 YAM English, good (DX Mix-Bulgaria) Radio Itahuka: The transmissions are in Kinyarwanda, not Kirundi. (WRTH Update)

Radio Na Gaskiya (Radio Truth) (New Entry), W: ipob.org 5935, Shiokaze Sea Breeze. Just caught the EG ID at the end of the usual long opening anmnt by W. Fanfare, then EG nx focusing on Korea from 1303. Kind of surprised this is still audible. Was jammed by a pulsing jammer. And had co-channel QRM from apparently Tibet. 15 Feb. (Dave Valko-PA)

15110 sof at 1600-1700 daily in Hausa. Notes: Produced by IPOB (Indigenous People of Biafra). The station refers itself as "R. Nigeria Hausa Service" in publicity material, however uses the on-air ID "Radio Na gaskiya", which translates as "Radio (Of) Truth". On SW since 6 January 2018. Main target is the Hausa speaking population in Northern Nigeria. (WRTH Update) 7575, Radio Ranginkaman, via Grigoriopol, (10.02.2017): E-QLS in 2 hours. E-mail: prtc@idknet.com. V/s: Sergey Omelchenko, Technical Director of Pridnestrovskiy Radiotelecentr. (Luca Botto FIORA-Italy/DX Fanzine)

Radio OMN - Oromia Media Network (New Entry) 9100, Echo of Hope (South Korea). KR tlk by M and W during briefly check at 1305 before leaving. Fairly decent signal w/QRM from SP M on 9102 LSB. 15 Feb. (Dave Valko-PA)

E: info@oromiamedia.org; oromiamedia@gmail.com

W: www.oromiamedia.org; www.facebook.com/OromiaMedia 11575, Radio OMN (Oromia Media Network), on Feb 14. Was today a clever ploy to fool the folks jamming from Ethiopia? If so, it worked! At *1600,

instead of Radio OMN programming, the jammers in Ethiopia instead heard Dr. Terry Alan Cooper, a forensic psychologist, being interviewed in English, about solitary confinement. So, the jammers must have assumed Radio OMN was not on today and left, whereas later (by 1609), Radio OMN had in fact started up; in vernacular with many IDs; fair. No jamming heard at all, up till I tuned away at 1618. (Ron Howard-CA)

11600, Radio OMN (Oromia Media Network) via Kostinbrod/Sofia, testing on Jan 26; tuned in at 1554 to hear their carrier already on; 1600 start of program; perhaps in the Oromo language, as directed to the Oromo people of Ethiopia; three minutes into the broadcast hit with jamming. OMN is a U.S. based nonprofit organization, located in Minneapolis, Minnesota. Website <https://www.oriomiamedia.org/>. Grayline reception, with my local sunrise at 1513 and Sofia sunset at 1531. Also heard today at 1600, by Edward Kusalik via a remote in Europe (HB9DC). Thanks very much to Mauno Ritola (WRTH Facebook) for the tip that OMN is again testing. I last heard them testing on Dec 22 (1524-1532), when they were on the air 1500-1600; new testing time is an hour later. (Ron Howard-CA) 11600, R.OMN OC already on at 1556. 1600 HoA mx and nice echo ID by W w/freq in Oromo, M anncr w/couple more IDs w/ment of meter band then obvious nx headlines w/instru. mx between each short item. Good signal and not jammed. (Dave Valko 28 Jan./DX Fanzine) 11600, Radio OMN (Oromia Media Network), 1601 till tune out at 1611, Feb 4. Surprised to find no jamming of this frequency; good reception. Did jamming take a Sunday off? (Ron Howard-CA)

CONGO 6115, Brazzaville presumed the one coming in quite decent signal this evening (Feb 10) at 0550 check. YL in African language, a few musical bursts and then into conversation with man right now. News pgm ended about 0610 then into music, signal steadily weakening and faded out entirely by 0625, which nicely fits with sunrise pattern there. (Ralph Perry-IL) 6115, Radio Congo, Brazzaville, 1745-1805, 17-02, French, comments. Strong ORM on 6110 and 6120. Only audible with 1 kHz filter. 21321. (Méndez-Spain/PlayDX)

DENMARK World Music Radio has launched on 5840. First reported by Mike Barraclough who observed it on 7th January at 0910 with a fair signal in Hertfordshire and via the Twente SDR receiver. Reports can be sent to World Music Radio, PO Box

112, DK-8960 Randers SØ, Denmark. Announcement from the station: "On 8 January 2005 a hurricane force storm knocked down the transmitter aerial of World Music Radio (WMR) at the transmitter site near Karup in western Denmark, and silenced WMR broadcasting on 5815 kHz (7 kW). After a short break of 13 years - WMR is now back on short wave. Broadcasting on the new frequency of 5840 kHz commenced today 7 January at 0000 UT. This time using low power only - 100 W only - into an Inverted V aerial at the new transmitter site near Randers, Denmark. Later 927 and 15805 kHz will be added. The music format is tropical world music, WMR can also be heard via online streaming at www.wmr.radio. (British DX Club)

5839.995, Danish music station WMR 'World Music Radio' only tx carrier string seen, at 1657 on Feb 4. S=6 signal in southern Germany. Thanks, Stig-Hartvig Nielsen WMR! (Wolfgang Büschel, Germany, wwdxc BC-DX TopNews)

EQUATORIAL GUINEA 5005, Radio Nacional, Bata, *0523-0605, 13-02, open today with program "Panorama Nacional", male, female, Spanish, information and greetings to listeners, songs. 15321. (Méndez-Spain/PlayDX)

ERITREA 7140, 0351-, Voice of the Broad Masses 1 Feb 4 Very strong reception in presumed Tigrinya with talk by OM. Surprisingly strong. Right on the grayline at this time, so perfect timing. Into HOA music at 03:54. The listed 2nd channel is just a messy blob between 7172 and 7188 kHz. Not sure if this is a sick transmitter, jamming, or a combination of both. Very strong there, as well. Maybe an IS or signature tune, and into presumed news. Slowly fading with the transmitter entering LSR. (Salmaniw-BC/DXplorer) 7140.0, VOBME 1 (presumed), 1428, Feb 13. In the clear before the jamming started; in vernacular with HOA music; noted at 1508 with heavy jamming. (Ron Howard-CA) 7140.0, VOBME 1 (presumed), 1446, Feb 18. HOA music; a lot of ham QRM; this was pre-jammed reception. (Ron Howard-CA)

7181.52, VOBME 2 (presumed), at 1428, Feb 13. On the air today after being silent yesterday; no jamming at first, but by 1508 heavy jamming. (Ron Howard-CA) 7181.52, VOBME 2 (presumed), 1446, Feb 18. In vernacular with phone conversations; this was pre-jammed reception. Always much better reception here than on 7140. (Ron Howard-CA)

ETHIOPIA Reception of three Ethiopian station in 49mb, Jan. 26

Radio Deegaanka Soomaalida Itoobiya from 1825 on 5940 JG Somali, fair

Radio Amhara from 2005 on 6090 GDR Amharic, good

Fana Broadcasting Corporation / Radio Fana from 2020 on 6110 ADD Oromo, fair (DX Mix-Bulgaria)

Reception of Radio Deegaanka Soomaalida Itoobiya on Feb. 2:

from 1947 on 5940 JG Somali, fair to good (DX Mix-Bulgaria)

FRANCE Telediffusion d'Algerie with Holy Quran Sce via TDF Issoudun on Feb. 2-3:

2100-2159 on 5905 ISS Arabic, no more French & Nat.Chaine 1

2100-2159 on 5940 ISS Arabic, no more French & Nat.Chaine 1

0600-0659 on 6105 ISS Arabic, no more French & Nat.Chaine 1 (DX Mix-Bulgaria)

5940/5905, Radio Algerienne-Issoudun, got a good recording of the English "Koran Radio Algeria" ID on 5940/5905 today (Jan. 27) at 2101. (Dave Valko-PA)

GERMANY Reception of DWD Deutscher Wetterdienst on Feb. 20:

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

3975, Shortwave Radio, F/D eQSL in 90 days. E-mail: 3975@shortwaveradio.de. (Roberto Pavanello, Vercelli-Italy/DX Fanzine) 6160, Shortwave Radio, eQSL in 142 days. Report in English to this E-mail: 6160@shortwaveradio.de. (Christian Ghibaudo, Nice-France/DX Fanzine).6160, Shortwave Radio, (07.11.2017): E-QSL in 76 days. E-mail address: 6160@shortwaveradio.de. (Luca Botto Fiora, Rapallo-Italy/DX Fanzine)

GREECE 9420, Elliniki Radiophonia Tileorassi, E-QSL in 3 days for e-report to this E-mail address: dgazidellis@ert.gr. (Artur Fernández Llorella, Malgrat de Mar-SPAIN)

GUAM Good signal of KTWR Trans World Radio Asia on Feb. 11:

1216-1246 on 7500 TWR Japanese Sun (DX Mix-Bulgaria)

GUATEMALA 4055, R. Verdad. Big signal at 1044 w/SP rel. mx. 1046 M anncr in SP between songs in muffled audio. 1057 vibraphone mx and canned SP voice-over ID anmnt by W anncr. 15 Feb. (Dave Valko-PA)

INDIA Reception of All India Radio in English, Feb. 2:

1000-1100 on 15410 BGL English

1000-1100 on 15770 PAN English

1000-1100 on 17895 BGL English

(DX Mix-Bulgaria)

4970, regarding my eve of Republic Day reception (Jan 25) - very much appreciate feedback from Gautam Kumar Sharma (Abhayapuri, Assam, India), which confirms many of my observations: "Thanks for your observations on reception quality of AIR Regional Stations specially from the North East. Yes, AIR-Shillong is now heard with low intensity audio level (i.e. perhaps low modulation) on 4970... as I regularly aircheck in the morning 0030-0330 ... and also with slight rough audio. Both AIR-Aizawl on 5050 & AIR-Kursong on 4895 are not heard here from a long time. As posted by me in DX India Yahoo Groups ... recently AIR-Gangtok on 4835 was heard with strong hum and as per my latest monitoring now it was off the air. As reported earlier in DX Circles...AIR-Chennai was noted with strong hum for a few days but it was rectified within a very short time. Now the most consistence reception giving AIR Regional Shortwave Station is AIR-Jeypore on 5040." (Ron Howard-CA)

5010, AIR Thiruvananthapuram // 5040, AIR Jeypore, 1304, Feb 18. Another day of live cricket coverage of the India vs RSA match, being played in South Africa; reporting alternately in English & Hindi; 1315 & 1345 breaks for the news in Hindi, only on 5040 (not // 5010). (Ron Howard-CA)

5040, AIR Jeypore, 1218, Jan 26. Yet another day of live coverage from South Africa of the India vs RSA cricket match; in English; later with coverage in Hindi. (Ron Howard-CA) 5040, AIR Jeypore, QSL in 3 weeks for e-report to: spectrum-manager@air.org.in. (Artur Fernández Llorella, Malgrat de Mar-Spain/DX Fanzine) 5040, AIR Jeypore, 1159+, Feb

4. Phone-in segment with callers discussing the India vs RSA cricket match; in English and Hindi; mostly fair. (Ron Howard-CA) 5040, AIR Jeypore, at 1530, on Feb 6. The strongest AIR regional station heard; Delhi audio feed; ID and into the "news at nine"; police searching for terrorists in the attack outside a hospital in Srinagar, etc.; very readable. (Ron Howard-CA) 5040, AIR Jeypore, 1155, Feb 13. Another day of live coverage of the India vs RSA cricket match from South Africa; segments in English and Hindi; 1208 brief break for news headlines in English, then back to coverage; mostly fair. (Ron Howard-CA)

INDIA (KASHMIR) 4950, AIR Radio Kashmir, Srinagar hovering at threshold level audio; 0146-0214* (off a few seconds before 0215) on Feb 20. Able to hear this as Angola was silent, plus it helped that Srinagar sunrise was at 0140 and my local sunset was 0152. (Ron Howard-CA)

INDIA (SIKKIM) 4835, AIR Gangtok, 1444-1515, Jan 27. Above threshold level audio; segment in English 1444-1459, with pop songs; REO Speedwagon "Keep on Loving You," a Rolling Stones song, etc.; several clear mentions of "All India Radio"; 1500-1512 non-stop solo sitar instrumental music; 1512 start of the New Delhi audio feed (tone, followed by commercial announcements); 1515 news in Hindi. This past week there were days they were clearly not broadcasting, while other days had strong hum from their transmitter, so great to find them doing so well today. Still a challenge to hear this, but today was one of their best days, as normally they are well below threshold level audio. (Ron Howard, Asilomar State Beach-CA)

INDONESIA 3325, Pro 1 RRI Palangkaraya, 1441+, Feb 13. Segment of all western pop songs; Billy Joel - "Just the Way You Are," Bobby Vinton - "I Love How You Love Me," Stevie Wonder - "I Just Called To Say I Love You"; 1501 local ID; back to more pop western songs. Still is the only active Indonesian SW station. (Ron Howard-CA)

KOREA (NORTH) Good signal of Voice of Korea on Feb. 1:

1330-1427 on 7570 KUJ English
1430-1527 on 6170 KUJ Russian
(DX Mix-Bulgaria)

KOREA (SOUTH) 5920, Voice of Freedom, 1236, Feb 9. Live coverage of the opening ceremony of

the Olympics, given in Korean, French and English; usual N. Korea jamming, but still fairly readable due to VOF strong signal cutting through the jamming; 1300 into VOF programming, but still talking about the Olympics. Opening ceremony coverage via KBS relay? (Ron Howard-CA)

6045, Voice of Freedom, ex: 5920. Feb 13 is the first day back on this former frequency; 1110 with fair reception; checked at 1212 to find the usual CNR1, et al. mess; 1506, as usual, found strong carrier here before they start up their audio again close to 1600. The jamming was still down on ex: 5920. (Ron Howard-CA)

KYRGYZ REPUBLIC 4010, Kyrgyz Radio, f/d E-letter in 8 days for e-report to: public@ktrk.kg and officerrtc@ktrk.kg. (Artur Fernández Llorella, Malgrat de Mar-SPAIN) 4010, Birinchi Radio, Krasnaya Rechka, Bishkek, Kyrgyz Republic QSL. Ms. Cholpon Temirbekova, International Relations Department Officer, Public Broadcasting Corporation of the Kyrgyz Republic, 59, Jash Gvardiya boulevard, 720010 Bishkek, Kyrgyz Republic. mon-tecristoyanni@gmail.com. (Christian Milling-D, A-DX Jan 23/TopNews)

MALI 9635, definitely sounds African at 2157 (Feb. 22). I'm recording so I haven't checked if it's parallel to 5995. Looks like 9635 might indeed be Mali. There's nothing at all on 5995. Decent signal but really low modulation. Kind of sounds like Mali. It went off at 0004:36. So, everything fits for Mali here. Only thing left is the actual ID. (Dave Valko-PA)

MEXICO 6185, 0550-, Radio Educacion Feb 3 Excellent reception with a live guitar concert until about 05:45, followed by some dead air, but back with excellent PSA and local IDs. Best heard on my SW directed DKAZ. At 06:00:25, went into a vocal version of the Mexican National Anthem. Full ID at 06:02:00. Carrier cut at 06:02:25. (Walt Salmaniwb/C/DXplorer)

MONGOLIA Voice of Mongolia:

0900-0930 daily in English on 12085uba (ex 12035)
0930-1000 daily in Mongolian on 12085uba (ex 12035)
1000-1030 daily in Chinese on 12085uba (ex 12035)
1030-1100 daily in Japanese on 12085uba (ex 12035)

(WRTH Update)

12015v, QSL - It was confirmed for the reception of the English radio service "Voice of Mongolia". The report was sent on Jan 1, 2018 to the email address vom_en@yahoo.com. The card came by regular mail after 19 days. On the air for Dec 31, 2017, at a frequency of 12015 kHz, the presenters talked about the tradition of celebrating the new year in Mongolia. (IR, via RUSdx #961 via wwdxc BC-DX TopNews Jan 28)

12085, Voice of Mongolia, Ulaan Batar, *0900-0915, 13-02, tuning music, English, ID. "The Voice of Mongolia", "Welcome to The Voice of Mongolia in English", news, comments, songs. 25432. (Méndez-Spain/PlayDX)

MYANMAR 5915, Myanmar Radio. Had been very nice recently to have CRI off the air here, leaving Myanmar in the clear, but Jan 25, CRI returned to cause heavy QRM 1300+. (Ron Howard-CA)

5985, Myanmar Radio, 1530, Feb 4. Intro to segment in English; "Good evening dear listeners. This is Myanmar Radio ... our final transmission for today, radiating on 5985 kHz., 50.13 meters, 576 kHz., 520 meters and 594 kHz, 505 meters. Now you can hear the news"; today's activities of Vice President Henry Van Thio, etc. and the weather. (Ron Howard-CA) 5985, Myanmar Radio, 1212-1225, Feb 5. The Monday edition of the language lesson "Say It In English"; for the first time today, they are recycling these series of dialogues; first heard today's repeated show back on Aug 7, 2017. Will be repeated again this Wednesday. (Ron Howard-CA) 5985, Myanmar Radio, 1221-1235, Feb 12. Monday edition of "Say It in English"; repeat of the very same dialogue I heard last Monday (Feb 5), with "Mr. Harris" & "Tom". (Ron Howard-CA)

9730, Myanmar Radio, 1111-1131*, Feb 12. In vernacular; off with their usual singing ID jingle; mostly fair. (Ron Howard-CA)

NEW ZEALAND Frequency change of Radio New Zealand Pacific in AM mode from Jan. 27:

1759-1958 NF 9700 RAN English Sat only, ex 11725
1859-1958 on 11725 RAN English Sat only
unchanged
(DX Mix-Bulgaria)

9890, RNZI at 1241 with time, ID and music. - Good, and at 1304 noted on 7390, also good, Feb. 6. (Harold Sellers-BC/DXplorer)

NICARAGUA 8989.0, 2331-..., 09/2, El Pescador, site? Rlgs. propag. USB tx. 25331. Carlos Goncalves-Portugal/PlayDX)

NIGERIA Reception of Voice of Nigeria in English via Abuja on Feb. 1-2:

0800-0900 on 7254.9 AJA English, weak to fair
(DX Mix-Bulgaria)

PAKISTAN The government of Pakistan on 19 January 2018 shut down the Pakistan operations of the Pushto-language radio channel of US Government funded Radio Free Europe/Radio Liberty. The notification issued by the Ministry of Interior said Radio Mashaal was "found against the interests of Pakistan and in line with [a] hostile intelligence agency's agenda". (ifex.org via MET/British DX Club)

PALAU Reception of World Harvest Radio Inter T8WH Angel 3/4, Feb. 11:

T8WH Angel 4

1200-1300 on 9930 HBN English Sat/Sun, good
(DX Mix-Bulgaria)

Reception of World Harvest Radio Inter T8WH Angel 5 on Feb. 11:

1230-1430 on 9965 HBN English Sat/Sun, fair
(DX Mix-Bulgaria)

Reception of World Harvest Radio Inter T8WH Angel 3 on Feb. 17:

1000-1200 on 9930 HBN English Sat/Sun, good
(DX Mix-Bulgaria)

PAPUA NEW GUINEA 3260, NBC Madang, 1138-1208*, Jan 26. Pop Pacific Islands songs; DJ in Pidgin; 1202 usual bird call and NBC news in English till suddenly off. (Ron Howard-CA) 3260, NBC Madang off the air again on Feb 4, at 1144 check and Feb 3 at 1059+ and off the air again on Feb 5, at 1142 & 1200 checking. (Ron Howard-CA) 3260, NBC Madang, 1211*, Feb 6. Back on the air today after a short absence. (Ron Howard-CA) 3260, NBC Madang, Feb 9, noted 1203 with start of the NBC News in English; suddenly off at 1209*. (Ron Howard-CA) 3260, NBC Madang, Feb 11, at 1104 noted off the air; a check at 1132 was back on again; 1150-1202 in Pidgin/Tok Pisin with Sunday religious music show; 1202-1212* relay of "NBC

National Radio" in English; had been a long time since I last heard National Radio programming. Feb 12, Madang off the air 1030+. (Ron Howard-CA) 3260, R. Madang. Still going at 1207 w/end of song then M anncr starting w/what sounded like ment of "?? NBC radio...". Almost sounded like a remote bdcst, but the signal was poor and QRMed by USB traffic on 3255.5. 15 Feb. Dave Valko-PA) 3260, NBC Madang. Very interesting reception Feb 17, from 1127 till cut off about 1236; better than normal; running much longer than usual, which helped their reception; fairly clear ID at 1157 for "NBC Madang, Maus Blong Garamut" (hollowed log, slit-drum [garamut in Pidgin]); played some C&W songs; Anne Murray - Snowbird," etc.; also, appropriate selection of garamut music. (Ron Howard-CA)

PAPUA NEW GUINEA (BOUGAINVILLE) 3325, NBC Bougainville, 1059-1145*, Feb 3. DJ in Pidgin with dedications and playing pop songs; several "NBC Bougainville" promos; cut off in mid-song; very light RRI QRM. (Ron Howard-CA) 3325, NBC Bougainville, 1110-1156*, Feb 4. As it was Sunday, impassioned sermon alternately by OM & YL in Pidgin; station promo with musical montage ("country" music with brief clip of John Denver with "Take Me Home, Country Roads"); 1125 into segment of pop songs played by DJ; Michael Jackson - "Heal the World," etc.; suddenly off. (Ron Howard-CA) 3325, NBC Bougainville, 1100-1200*, Feb 5. Long interview in English dealing with the economy; "Plowing money back into the country ... national government and regional government ... to raise revenues"; perhaps was Secretary Brenda Tohiana of the Bougainville Department of Treasury and Finance; 1133-1200* DJ in Pidgin with pop songs; suddenly off. (Ron Howard-CA) 3325, NBC Bougainville. Feb 9 with above average reception; in Pidgin; 1112-1125 announcers chatting about "Climate change . . . communications . . ."; pop Pacific Islands song; 1133-1201* discussion about the Bougainville Yumi Wan Festival held last month and about the referendum to be voted on next year regarding their independence; suddenly cut off. (Ron Howard-CA) 3325, NBC Bougainville, 1115-1153*, Feb 13. Reception above the norm; DJ in Pidgin/Tok Pisin playing a mix of pop Pacific Islands songs and western hits songs (Every Mother's Son - "Come on Down to My Boat," etc.); local time checks; item about next year's referendum for independence. (Ron Howard-CA) 3325, NBC Bougainville. M anncr at 1059 but getting a lot of that random static noise. Into Pop mx. Came back at 1117 and noted long discourse by W in EG w/ments

of the economy, government, and the military. Still going at 1130 when I tuned away. Back again at 1139 and found studio M anncr in PD tlk and ment of NBC Bougainville. Pop song at 1154 recheck, and suddenly off w/out warning at 1155:20. 15 Feb. (Dave Valko-PA) 3325, NBC Bougainville, 1100-1202*, Feb 21. In Pidgin, with several interviews; otherwise DJ playing pop songs (The Mamas & The Papas - "Monday Monday," Dolly Parton & Porter Wagoner - "Daddy Was an Old Time Preacher Man," etc.); no news at 1100, but at 1200 the start of the news before they cut off. (Ron Howard-CA)

PERU 4774.9, Radio Tarma, Tarma, 0010-0021, 13-02, Peruvian songs, Spanish, comments. 15321. (Méndez-Spain/PlayDX)

PHILIPPINES Frequency changes of Radio Veritas Asia in 25mb, Jan. 31:

1330-1357 NF 11730 PUG Zomi-Chin, ex 11870

1400-1427 NF 11730 PUG Bengali, ex 11880 to avoid CRI Eng

1430-1457 on 11730 PUG Telugu, but announcing wrong 11870

(DX Mix-Bulgaria)

Reception of FEBC Radio Teos in Ukrainian, Feb. 11:

1500-1530 on 11650 BOC Russian Daily

1530-1600 on 11650 BOC Russian Mo-Sa

1530-1600 on 11650 BOC Ukrainian Sun

(DX Mix-Bulgaria)

Radio Veritas Asia (Rlg)

1400-1430 daily in Bengali on 11730pug, ex 11880 (WRTH Update)

11965, Radio Veritas Asia, QSL, sticker, personal letter in 5 weeks for e-report to this E-mail address: filipino@veritas-asia.org. (Artur Fernández Llorella-Spain/DX Fanzine)

12120, Radyo Pilipinas (PBS), QSL, sticker in 5 weeks for e-report to: dzrp.radyopilipinas@gmail.com. (Artur Fernández Llorella-Spain/DX Fanzine)

ROMANIA Reception of IRRS EGR/UN Radio via RadioCom on Feb. 11:

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

RUSSIA Good signal of GTRK Adygeya / Adygeyan Radio, Feb. 2:

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

Fair signal of GTRK Adygeya / Adygeyan Radio,
Feb. 11:

1900-2000 on 6000 ARM Adygeyan Sun
(DX Mix-Bulgaria)

The new transmissions of GTRK / Kamchatka on
shortwave 5940 have been confirmed by RTRS, the
transmitter operator as follows:

2000-2200 on 5940 P.K Russian Radio Rossii
0100-0300 on 5940 P.K Russian Radio Rossii
(DX Mix-Bulgaria)

5940, Radio Rossii Kamchatka, assume via the
Yelizovo transmitter site on the Kamchatka penin-
sula; 0240-0300*, Feb 14. Very poor reception, with
QRM from what sounded like IBRA Media, Radio
Sadaye Zindagi, via Al Dhabayya; OM & YL chatting
(in Russian?); 0259 music. Positive "Radio Rossii"
IDs before and after 0300 time pips, so I presume
this was "Radio Rossii Kamchatka," as it fits their
former schedule. The 0300* cut off happened in
mid-sentence. Have been monitoring this due to
recent reports of Kamchatka testing here, made
by Hiroyuki Komatsubara (Japan) and Dave Valko
(USA). Thanks also for the assistance of Mauno
Ritola (Finland). (Ron Howard-CA) 5940, Radio
Rossii Kamchatka tentatively seemed to be on again
till 0300*. At 0239 EZL music; 0240-0254 announcer,
then EZL song; got confusing just before 0300, as
didn't hear an ID, but it didn't sound anything
like the faint QRM of Radio Sadaye Zindagi. (Ron
Howard-CA)

6000, Adygeya is on Monday and Fridays 1800-1900,
and on Sunday 1900-2000. That's it. Thanks to
Brother Stair getting busted, it opened up the freq.
The Overcomer broadcast always blocked Adygeya.
Our afternoon reception is changing pretty fast
now. We still might be able to get the Sunday broad-
cast, but it'll be tough. (Dave Valko-PA Jan. 27)

7345, Radio Sakha, via Yakutsk. Feb 3 (Saturday),
noted on the air before 0300; at 0500 time pips and
ended audio, with transmitter off 0503. Weekend
schedule 0000-0500, while weekdays is 0300-0500.
(Ron Howard-CA) 7345, 0009-, NVK Radio Sakha

Feb 4. Somewhat distorted signal at strong level.
Wonder whether this is due to a cochannel, but all
I can see on the Perseus waterfall is a smeared
signal over almost 80 Hz (the carrier, that is). Not
in Russian, but Yakutian with a discussion. I surely
don't think it's Tunisian Radio. (Walt Salmani-
w-BC/DXplorer) 7345, extremely pleased to receive a
nice eQSL from NVK Radio Sakha. It's a very rare
treat to get any Russian QSL nowadays. In 3 weeks
for a report, in Russian, using Google translator,
sent to: nvk-ql@mail.ru. Am grateful to Shaikh
Jawahar and Pradip Kundu, for posting copies of
their eQSL to WRTH Facebook. Very helpful. (Ron
Howard-CA) Ditto, NVK Sakha eQSL received here
today in Wheaton, also! (Ralph Perry-IL)

SAUDI ARABIA Radio Al-Azm (Gov) in Arabic:

0000-2400 daily on 11745jed, ex 0700-1700
(WRTH Update)

11745 Radio Al-Azm. Nice signal at 1427 from Radio
Al-Azm, the outlet for Saudi troops at Yemen border.
OM talking in AA to YL on phone, laughing and
chatting. Has anyone found a useful website for
this one so that a QSL attempt could be made? I
found a related Facebook posting, the same one
that Hans Johnson had used to first ID this service/
station, but that wasn't extremely useful. (Ralph
Perry-IL)

SOLOMON ISLANDS The Solomon Islands Broad-
casting Corporation is struggling to stay on air
after the electricity company cut power to the sta-
tion because of a more than \$US8,000 unpaid bill.
Its chief executive told the Solomon Star newspaper
that the national broadcaster's poor financial situ-
ation was the direct result of a critical cash-flow
problem with the government. He said the station
was now running solely on generators, and its
running only its short-wave service [5020] which
covers the whole country. (Southgate via MET 27
Dec/British DX Club)

5020, SIBC. Jan 25, starting at 1257 with only a
carrier (no audio at all) till last check at 1516,
during which had periods of faint audio; very low
modulation; playing pop songs; mostly unusable;
greatly extended schedule today (past 1200*).
(Ron Howard-CA) 5020, SIBC, on Feb 21, noted
with pop songs at 1239; low modulation, but much
better than the recent plain carrier that has been
heard; 1245*, so well past their normal 1200*. (Ron
Howard-CA)

SOMALIA 7120, 0338-, Radio Hargeisa Feb 4 Good reception, but only with the over the Pole Beverage (W/NW BOG is not quite as strong), with talk in Somali (presumed). In daylight, so should check earlier at 03:30 or 03:00 for a better chance for a decent ID. (Walt Salmaniw-BC/DXplorer)

SOUTH AFRICA 15255, Channel Africa, f/d E-letter in 2 years! after f/up e-report to the following Email address: hoosens@sentech.co.za. (Artur Fernández Llorella-Spain/DX Fanzine)

SRI LANKA Spoke with SLBC and they are expecting spares to come early/mid-February and hope to get back to full schedule for AWR and other clients with A18 at the end of March. At the moment the schedule is:

0113-0230 SLBC Hindi 11905
1115-1215 SLBC S. India 9720
1330-1400 FEBC S. India 9775
1630-1830 SLBC Sinhala 11750

MW 1125 is now only Fridays 0630-0800 Islamic program for Friday prayers. (Victor Goonetilleke WRTH 15 January/British DX Club)

SUDAN 7205, 0334-, Sudan National Broadcasting Corporation Feb 4 Fair reception, but only on the direct over the Pole Beverage in Arabic. Cochannel ham traffic as well. (Walt Salmaniw-BC/DXplorer)

SWAZILAND Reception of Trans World Radio Africa via Manzini on Jan. 30:

1920-1950 on 6130 MAN Portuguese Mon-Fri, fair (DX Mix-Bulgaria)

TAIWAN RADIO TAIWAN INTERNATIONAL (RTI) (Gov)

Chinese

1100-1120 daily on 12100pao (add)
1200-1300 daily on 9545tsh (ex 11985)

English

1120-1140 daily on 12100pao (add)
1600-1700 daily on 6185tsh (ex 9405)

Indonesian

1140-1200 daily on 12100pao (add)

Japanese

2230-2330 daily on 9735pao (ex 2200-2300) (WRTH Update)

TAJIKISTAN Fair to good signal of Voice of Tajik on Jan. 28:

1100-1400 on 7245 DB Hin/Ara/Eng (DX Mix-Bulgaria)

Reception of Voice of Tajik in English on Feb. 11:

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

THAILAND Radio Thailand World Service (Gov)

Chinese Days Area kHz

1115-1130 daily in Chinese on 5875udo, ex Khmer

German Days Area kHz

1145-1200 daily in German on 5875udo ex Burmese

Japanese Days Area kHz

1130-1145 daily in Japanese on 5875udo ex Lao

Malay Days Area kHz

1100-1115 daily in Malay on 5875udo ex Vietnamese

(WRTH Update)

9390, Radio Thailand, QSL, schedule in 14 weeks for e-report to this E-mail address: feedback@hsk9.org. (Artur Fernández Llorella-Spain/DX Fanzine)

UNITED ARAB EMIRATES FEBA Pakistan (Rlg) (New Entry), W: feba-radio.org; febapak.org, Revised complete schedule:

0200-0215 daily in Urdu on 7320dha
0215-0230 Mon in Punjabi on 7320dha
0215-0230 Tue, Wed, Thu in Sindhi on 7320dha
0215-0230 Fri in Urdu on 7320dha
0215-0300 Sat/Sun in Urdu on 7320dha
0230-0300 Fri in Pashto on 7320dha
1600-1630 daily in Urdu on 7535twr (WRTH Update)

UNITED KINGDOM BBC started Horn of Africa shortwave broadcasts on 29 January in three different languages Amharic, Oromo and Tigrinya, Monday to Friday, each with 20 minutes duration. The 1830-1930 broadcast is a repeat of that one from 1730 to 1830. Here is the schedule: 1730-1830 on 7595 Kostinbrod (Bulgaria) 100 kW / 195 deg to East Africa; 1730-1830 on 11720 Dhabbaya (UAE) 250 kW / 230 deg to East Africa, 1730-1830 on 12065 Meyerton (South Africa) 100 kW / 015 deg to East Africa, 1830-1930 on 9885 Meyerton (South Africa) 250 kW / 019 deg to East Africa, 1830-1930 on 15490 Ascension 250 kW / 070 deg to East Africa, 1830-1930 on 7505 Kostinbrod (Bulgaria) 100 kW / 195 deg to East Africa, registered via Kostinbrod is deleted! (DX Mix-Bulgaria/DX Fanzine)

BBC starts Horn of Africa shortwave broadcasts today on Jan. 29 in three different languages, each with 20 min. duration, 1830 repeat of 1730.

1730-1830 on 7595 SCB Amharic/Oromo/Tigrinya Mon-Fri

1730-1830 on 11720 DHA Amharic/Oromo/Tigrinya Mon-Fri

1730-1830 on 12065 MEY Amharic/Oromo/Tigrinya Mon-Fri

1830-1930 on 9885 MEY Amharic/Oromo/Tigrinya Mon-Fri

1830-1930 on 15490 ASC Amharic/Oromo/Tigrinya Mon-Fri

1830-1930 on 7505 SCB registered via SPL is deleted! (DX Mix-Bulgaria)

USA Overcomer Ministry is no longer heard via WWRB; since 7 January both 3185 and 9370 have been off air. Relays via Bulgaria stopped around 3 January. However, all of the broadcasts via WWCR are continuing to be heard as of 29 January. The only other scheduled airing of Brother Stair on SW currently is via WBCQ at 2300-2400 Mon-Fri on 7490. On the afternoon of 14 January, I heard a recording of Allen Weiner of WBCQ on the Overcomer, he was talking about "his friend" Brother Stair, how unjust his arrest was, and saying that the authorities have been trying to silence him for a long time. Regardless of the situation Weiner said that he will keep an hour of Overcomer on the air on WBCQ, weekdays at 2300 on 7490.

Brother Stair has been released from jail. ABC news reported that Ralph G. Stair was released on \$750,000 bail on 26 January with a condition that he must not leave his compound at the Overcomer Ministry in Walterboro, South Carolina. The Overcomer web site states that "Due to legal difficulties, Brother Stair is not currently available nor permitted to broadcast on the Overcomer Ministry. No word as of yet when that will change. As for now, the Overcomer has discontinued broadcasting on AM/FM and shortwave radio. Older recordings from the archives are now featured on the Overcomer broadcast. [However, as mentioned above, the Overcomer relays via WWCR are continuing on SW, although it's not clear how or even if the airtime is being paid for.] (British DX Club)

WWRB's owner, Dave Frantz, wrote to Glenn Hauser (dxld) to say that in the near future he would be cutting SW airtime costs to just \$25 per hour - presumably to try and get some revenue now that Overcomer is no longer hiring airtime on WWRB. The web site www.wwrb.org gives this schedule for WWRB on SW - but actual output will depend on airtime bookings:

SaSu 2300-0000 on 3215

SuMo 0000-0200 on 3215 and 0200-0500 on 3185 kHz. (wwrb.org 28 Jan/British DX Club)

Updated SW schedule of KVOH Voice of Hope America effective from Jan. 27:

1500-2000 on 17775 VOH Spanish Mon-Fri, ex 1400-1900

2000-2100 on 17775 VOH Spanish Tue/Thu, ex 1900-2000

1600-2000 on 17775 VOH English Sat, ex 1900-2000 Fri

(DX Mix-Bulgaria)

BBG - Radio Marti (Gov)

2300-0700 daily in Spanish on 7355grv (add)

1000-1400 daily in Spanish on 7355grv (add) (WRTH Update)

UZBEKISTAN AWR Africa (Rlg)

0330-0400 daily in Amharic on 11875tac ex 15500trm

0500-0600 daily in Arabic on 17780tac ex trm. NB: AWR relays via Trincomalee (Sri Lanka) are

currently off the air, but expected to be back in March. (WRTH Update)

There has been some confusion as to what site Radio Mi Amigo is using for their monthly high-powered broadcasts on 5845 - Armenia or Uzbekistan. Alan Gale heard Captain Kord say it was coming from Tashkent (31 December at 1800-2000). The next high-powered broadcast is scheduled on Sunday 28 January, and presumably then on 28 February. (British DX Club) Last Sunday of each month? (RAD)

VATICAN There is a new QSL address for reception reports to Vatican Radio: Elvira Ortmann, Segreteria per la Comunicazione, Direzione per gli Affari Generali - Divisione Ufficio Commerciale, 00120 Città del Vaticano, commerciale@spc.va. (Michael Cunningham WRTH Facebook page via Mike Terry/ British DX Club)

Radio Veritas Asia via SM di Galeria on Feb. 6:

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

ZAMBIA Fair/good signal of KVOH Voice of Hope Africa on Feb. 11:

from 1400 on 13680 LUUV English Sat/Sun (DX Mix-Bulgaria)

5915, ZNBC/Radio One. As of Feb 3, recently not heard while checking 0300+. Already gone again? (Ron Howard-CA) This just in from Billingham, in South Africa, regarding my non-log: "Just confirming that right now I also can't find ZNBC1 in Jo'burg, at a time when I would normally expect to hear it, i.e., 1800-1808, February 4, with local sunset at 1658. There is something unreadable on 5915, but it doesn't sound like them even though HFCC, Aoki and Eibi all say nothing else is on at this time. Doesn't even sound like an African language. If it is them, propagation is exceptionally bad! I've tried both radios with the same result." I'm recently hearing CRI (China), in Russian, for

long periods of time on 5915. (Ron Howard-CA) Good news Ron. 5915 ZNBC. Good news ZNBC is on now at 2158 Feb 5. Apparently staying on until sign off shortly. Yep, usual choral NA now at 2200. ZNBC had the test tone for about 15 seconds after the NA and before they pulled the plug. Don't usually hear the test tone. (Dave Valko-PA)


9680, Voice of Hope Africa, QSL in 4 months for e-report to this E-mail address: reports@voiceof-hope.com. (Artur Fernández Llorella-Spain/DX Fanzine)

13680, 1643-, Voice of Hope Africa Feb 4 Listed as Sat/Sun only. A very good MUF for this early in the morning, allowing for fair to good reception of an American preacher. A shame that there's not more local programming! Good + level on both the NE/SW ALA loop, and due North Beverage. Much improved to excellent level by TOH. A few seconds past 17:00, the American pastor was cut off with a sign off announcement (also, American accented announcer): 'From Zambia, this is the Voice of Hope Africa Service, broadcasting on frequency 9680 kHz, world pastoring the gospel of Jesus'. This was followed by about an 1100 Hz tone, until transmitter was cut at 17:01:39. (Walt Salmaniw-BC/DXplorer)


ZANZIBAR Reception of Zanzibar Broadcasting Corporation on Feb. 15:

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

11735, Zanzibar Broadcasting Corporation, Dole, 1802-1810, 17-01, English, news, ID. "Zanzibar Broadcasting Corporation". 34433. (Méndez-Spain/PlayDX)

Schedules, news and other information about shortwave broadcasting activity can be sent to Richard A D'Angelo, 2216 Burkey Drive, Wyoming, 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 

NASWA Yahoo Group

Join moderator **Dan Ferguson**, the club's Yahoo Group, and other club members to discuss any topics related to shortwave radio in general. 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. 

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, St. Patrick's Day, falls on March 17 this year. But, the big Easter holiday weekend begins on March 30, with Easter itself on April 1 this year. So, we can continue to anticipate increased pirate radio activity during both weekend days surrounding March 17, and the beginning of the Easter weekend on March 30 and 31, plus Easter Sunday itself.

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, although the first day of Spring starts to bring favorable winter low levels of static to an end.

Your editor saw many of you on March 1-3, 2018 at the 31st annual Winter Shortwave Listeners Fest at the Doubletree Guest Suites West in Plymouth Meeting, Pennsylvania. As always, pirate radio was among the numerous interesting topics covered at this NASWA-sponsored event. Next month we will have more to say about what happened at this year's Fest.

Pirate busts by the FCC during the past month were heavily concentrated in the New York City metro area and in Florida as usual. But, between December 7 and December 31 the FCC failed to bust any USA radio stations, an unusual pattern. Then in January and February 2018 busts resumed at a relatively normal pace. The FCC issued a Notice of Violation to WOLD-LP for violating low power radio antenna regulations, at their transmitter site in Edison, NJ. The FCC issued a Notice of Unlicensed Operation to Andy Liriano for operating an FM pirate

on 87.9 Mhz from a building in Jersey City, NJ. The FCC issued a Notice of Unlicensed Operation to Anthony Court Condominium Associates for operating an FM pirate on 87.9 Mhz from a building that they own in Jersey City, NJ. The FCC issued a Notice of Unlicensed Operation to Isidro Sanchez for operating an FM pirate on 99.3 Mhz from a building that she owns in Paterson, NJ. The FCC issued a Notice of Unlicensed Operation to SANSUN LLC for operating an FM pirate on 87.9 Mhz from a property that they own in Jersey City, NJ. The FCC issued a Notice of Violation and forfeiture notice to KXTJ-LP in San Antonio, TX and the San Antonio Public Safety Alliance for failing to maintain a required station log including problems with their transmitter antenna. The FCC issued a Notice of Violation to Timothy Colvard and Rachel Zience for operating an FM pirate from their residence on 99.1 Mhz in Cleveland, TN. The FCC issued a Notice of Violation to daytime only KULF for operating long past sunset from Bellville, TX. The FCC issued a Notice of Violation to WGBN operated by the Pentecostal Temple Development Corporation for a variety of transmitter violations in McKeesport, PA. The FCC issued a Notice of Violation to Michaline J. Candio for operating an FM pirate on 106.5 Mhz from a property in Margate, FL. The FCC issued a Notice of Unlicensed Operation to Teresa Brogdon for operating an FM pirate on 88.7 Mhz from a property in Miami Gardens, FL. The FCC issued a Notice of Unlicensed Operation to Apostle Nicolas Oluyemi for operating an FM pirate on 88.5 Mhz from Christ for the World Church in Newark, NJ. The FCC issued a Notice of Unlicensed Operation to Gurlens Cesar for operating an FM pirate on 90.1 and 92.1 Mhz from various locations in and around Boston, MA, but mainly in the suburbs. The FCC issued a Notice of Unlicensed Operation to William John Nurri for operating an FM pirate on 91.1 Mhz from his residence in Ashland, OR. The FCC issued a Notice of

Unlicensed Operation to the town of Ward, CO for operating an FM pirate on 90.5 Mhz from a trailer parked next to the Town Hall in Ward, CO. The FCC issued a Notice of Unlicensed operation to Barry Bennett for operating an FM pirate on 93.1 Mhz from his residence in Rollinsville, CO. The FCC issued a Notice of Unlicensed Operation to Darren Roebuck for operating an FM pirate on 93.1 Mhz from his residence in Boulder, CO. Once again this month the FCC issued no citations to shortwave pirates in the United States.

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

Amphetamine R. 6925 2226-2246* 1/24/18 fair. Prgm of heavy metal rock mx. (Montney-MI)

Amphetamine R. 6950 1630 1/27/18 poor. Prgm of rock mx. (Montney-MI)

Amphetamine R. 6950 1630-1729 1/28/18 poor. Prgm of rock mx. (Montney-MI)

Captain Morgan. 6949.7 2322 2/3/18 fair. Prgm of blues mx. (Taylor-WI)

Channel Z R. 6965 2125-2245* 1/13/18 fair. OM ancw w/prgm of punk and rock mx. (Montney-MI)

Clever Name R. 6940 0134-0140* 1/21/18 S9+15. Prgm of rap mx w/some ID's by robot. (Hauser-OK)

Clever Name R. 6935 0356 1/22/18 fair. Prgm of hard rock mx w/YL ID's. (Taylor-WI)

Clever Name R. 6940 2220 1/21/18 fair. Prgm rock mx w/synthesized vox YL ID's. (Taylor-WI)

Clever Name R. 6940 2224-0122* 1/29/18 fair. Prgm rock, reggae, and punk mx. (Montney-MI)

Clever Name R. 6940 2224-0114 1/28/18 S9+15. Prgm rock mx w/synthesized vox YL ID's. (Hauser-OK)

Clever Name R. 6940 0140 2/3/18 good. Prgm rock mx w/synthesized vox YL ID's. (Taylor-WI)

COOL AM R. 6940 2343-0113* 1/23/18 good. Samantha Jones w/"musical special" of mostly British punk and rock mx. (Montney-MI)

COOL AM R. 6940 0247-0258 1/23/18 fair. Prgm rock mx w/ancd relay via Clever Name R. (Taylor-WI)


Fee Wee R. 6955 0045-0147 2/3/18 fair. Prgm of blues mx w/some IDs in CW. (Taylor-WI)

R. Illuminati 6960 1801-0925 1/27/18 poor. Prgm of mostly classic rock mx. (Montney-MI)


Unsuspected R. 6940 2224-0353 1/26/18 fair to good. Prgm of punk and classic rock mx. (Montney-MI)

Unsuspected R. 6940 0338-0353 1/27/18 fair. Prgm of punk and classic rock mx. (Montney-MI)

V. of the Yeti International 6960 2252 1/28/18 fair. Prgm of classic rock, pop, and classical mx w/OM ancw. (Taylor-WI)

Wolverine R. 6940 0119-0201 1/28/18 S9. Prgm of classic rock & pop mx. (Hauser-OK) 

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. 

Scoreboard

Gary R. Neal • P.O. Box 1 • Cockeysville, MD 21030-0001 • grneal@earthlink.net

This month we are highlighting our members' totals from Europe. Ranking is based upon European Countries Verified. This is your chance to show everyone how well you are doing. The next deadline is August 15th for the September 2018 issue of the Journal. The spotlight will be on North and Central America.

Name, State	Total		Europe		Best Europe QSL
	C/H	C/V	C/H	C/V	
Edward Kusalik, ALB	250	249	47	47	Petrozavodsk 4780 Karelo-Finnish SSR
Jerry Berg, MA	244	244	47	47	Polish Pathfinders Station (1kw.)
Dan Henderson, MD	235	191	48	47	R. Nova International, England (30 w.)
Don Jensen, WI	256	256	47	46	Austrian Army
Marlin Field, MI	246	246	46	46	EMR, England (10 w.)
Steven R. Lare, MI	239	226	46	46	NIRS 6272.4
Rich D'Angelo, PA	225	223	46	46	Karelian Radio, Karelo-Finnish SSR
Tom Williamson, ON	243	230	46	45	Tallin Estonia
Chris Lobdell, MA	229	225	45	45	R. Mi Amigo - England (22 w.)
Alex Vranes, Jr. WV	226	216	46	45	R. Andorra
Sheryl Paszkiewicz, WI	225	219	44	44	Scotland
Paul Buer, FL	219	208	45	44	R. Dublin Limited (200 w.)
Christos Rigas, IL	217	198	44	44	Petrozavodsk, Karelian SSR
James W. Young, CA	253	239	46	43	Andorra, 5972 kHz in 1960
Jim Evans, TN	213	203	43	43	RIAS Berlin
George Maroti, NY	208	202	44	43	Valley Wave Int'l, Wales
Stephen Leite, MA	210	197	43	43	Moldavian SSR
Ross Comeau, MA	193	172	44	43	WMR Scotland
Wendel Craighead, KS	235	223	42	42	RTV Skopje, Ljubljana, Novi Sad, & Titograd
James R. Renfrew, NY	189	161	42	42	RAI Sicily
Stephen Price, PA	198	183	40	40	Sicily Uno
Bill Smith, MA	186	177	39	39	Luxembourg
George L. Glotzbach, MN	154	136	40	39	Deutschland Radio, Berlin
Allan R. Loudell, DE	192	167	40	38	R. Renascenca, Portugal
Gary R. Neal, MD	137	127	38	38	R. Europe (500 w.)
Bob Raymond, NH	175	151	41	37	Icelandic National Broadcasting Service
Mark Humenyk, ON	169	148	38	37	R. Ukraine
Richard E. Lawrenson, RI	145	129	37	37	ICR, IBRA Radio - Malta
Dan Srebnick, NJ	156	121	38	37	R. Minsk
Jerry Johnston, KY	210	141	41	36	R. Alfa Lima International
Edward G. Stroh, IL	135	104	37	35	R. Romania
Ron Howard, CA	212	200	34	34	RIAS Berlin
Paul Brouillette, IL	148	121	35	34	R. Dublin
Jilly Dybka, TN	145	108	37	34	R. Luxembourg
Scott R. Barbour, NH	168	115	36	33	TDF CCETT experimental DRM
Richard Bradley, MA	145	130	32	32	R. Denmark
John Mosman, WI	120	120	32	32	R. Luxembourg
Doug Tilley, WA	117	89	34	31	ISBS - Iceland
Joe Kremer, OH	153	104	40	30	R. Vilnius
Scott C. Newman, IN	148	113	34	29	R. Luxembourg
Ken McCartney, OH	125	73	34	26	VOA Rhodes
Gary W. Froemming, AZ	184	44	40	14	RID Time Station
Harold Cones, VA	234	232			
Jerry Klinck, NY	220	202			
Dan Robinson, MD	230	196			R. Andorra
David Turnick, PA	144	129			
Larry Colton, FL	154	125			
Jerry Ervine, TX	110	60			



Contributors' Page

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Jerry BERG, MA

Ed CICHOREK, Somerset, NJ

Rich D'ANGELO, Wyomissing, PA

Jerry ERVINE, Mission, TX

Jim EVANS, Germantown, TN

Andre FREDETTE, Oakville, ON

Vince HENLEY, Anacortes, WA

Ron HUNSICKER, PA

Ralph PERRY, IL

Ronald SIVES, South Plainfield, NJ

Rich STAHL, Ocean View, NJ

David TURNICK, Sinking Spring, PA

Jack WIDNER, Edinboro, PA

No equipment listed

IC-R-75, SW-8, ICF-2010, Eavesdropper

RX340, R8B, E1, E5, DX Sloper, Mini-Windom, FL3, ANC4

Icom R75, Tecsun 660, AOR LA380 loop

R75, ICF-SW7600G, Perseus, Eavesdropper, random wire

ICOM R-75, Drake R8B, NRD-545, MFJ 956 Tuner &

65 ft. random wire

PL-380, NRD-525, R8B, ICF-2010, RX-340, Alpha-

Delta DX Ultra, whip

No equipment listed

No equipment listed

Eton field radio and 66' SWL dipole

Yaesu FT-891, Tecsun PL-680, outside long wire

RX340, WinRadio G31DDC, Alpha Delta DX sloper,

49m dipole

Sony 2010, 40ft longwire



2000-30000 kHz

Loggings

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

- 3215 **UNITED STATES WWCR** Nashville 1/14, 0614- 0625; a light country music radio program. SIO 333 // 4840 SIO 312 (Sives-NJ)
- 3215 **UNITED STATES WWCR** 1/28, 0530- 0545; Classic American Radio program from 1946 & a few commercials. SIO 322 (Sives-NJ)
- 3320 **SOUTH AFRICA Radio Sonder Grense** - Meyerton, 0256-0323 Dec 16, female vocal followed by a man at 0300 with station ID and news in the Afrikaans language. Return to music program at 0308. Nice series of announcements at 0320. Fair signal. (D'Angelo-PA)
- 3320 **SOUTH AFRICA Radio Sonder Grense** - Meyerton, 0256-0323 Dec 16, female vocal followed by a man at 0300 with station ID and news in the Afrikaans language. Return to music program at 0308. Nice series of announcements at 0320. Fair signal. (D'Angelo-PA) 7
- 3945 **JAPAN Radio Nikkei 2**, Chiba-Nagara, 1043-1050. Pop ballad music. Brief announcement in Japanese by a man at 1050. Moderate strength signal with some fading. Heavy ARO interference. 12/29/2017 (Evans - TN)
- 4765 **CUBA Radio Progreso** Havana 1/3/18 0303 ss, mx interlude w/talk and vocals. EL-nostalgia, 0315 ID, Radio Progreso, Havana, Cuba. Dialogue between yl/om F-G. (Ervine-TX)
- 4774 **PERU Radio Tarma**, Tarma (presumed), 1053-1058. Spanish language pop vocal music. Weak signal with minor fading. Heavy CODAR interference. 12/29/2017 (Evans - TN)
- 4949 **ANGOLA Radio Nacional de Angola**, Mulenvos, and 0452-0501. Afro pop music. Talk in Portuguese by a man at 0500. Weak signal with heavy fading in heavy noise. 1/18/2018 (Evans - TN)
- 4955 **PERU Radio Cultural Amauta**, Huanta, 1100-1104. Announcement in Spanish by a man followed by a brief musical interlude, then talk by a woman. Slow pop ballad music followed. Weak, fading signal, occasionally up to moderate strength. 12/29/2017 (Evans - TN)
- 5580 **BOTSWANA Voice of America**, Selebi-Phikwe, 1852-1900, 1-23-18. Man in English with political discussion with references to Obama and US politics. At 1857 man into local dialect and ID with mention of Studio 7 Washington, DC. Good signal with slight fade. (Cichorek-NJ)

- 5875 **THAILAND** *Radio Thailand*, Udon Thani, 1107-1110. Talk in Malay by a woman. A few bars of ballad music at 1108, then more talk. Moderate strength signal with minor fading. 12/29/2017 (Evans - TN)
- 5905 **FRANCE** *Radio Algerienne* – Issoudun, 2149-2200* Dec 1, Holy Quran mixed with some musical pieces. A man announcer seemingly closing program with Arabic language announcements prior to carrier being terminated. Poor. (D'Angelo-PA)
- 5910 **COLOMBIA** *Alcaravan Radio*, Puerto Lleras, 2349-2355. Religious talk in Spanish by a man. Weak signal, becoming slightly stronger over time, with abrupt deep fades. 1/25/2018 (Evans - TN)
- 5920 **UNITED STATES** *WHRI* Nobles, IN. 1/3/18 0216. Mx W/EE talk. At 0220 OM w/vocal in EE. OM w/RLG message. 0258 phone "Find Your Answer", frequencies given 9605 and 5920, closing w/more MX. G. (Ervine-TX)
- 5930 **GERMANY** *Gruss An Bord* – NDR via Nauen, 2157-2300* Dec 24, annual traditional broadcast for those at seas with several Christmas songs ("Feliz Navidad" and "Silent Night") and much German language conversation with a "live" audience. (D'Angelo-PA)
- 5940 **FRANCE** *Radio Algerienne*, Issoudun, 2104-2110, 1-15-18. Holy Quran followed by man in Arabic w/ presumed news. // on 5905. SIO444 on 5940. (Cichorek-NJ)
- 5950 **ETHIOPIA** *Voice of the Tigre Revolution*, Addis Ababa, 0435-0439. Talk in Tigrinya by a woman. Weak signal keeping just above noise level with minor fading. 1/8/2018 (Evans - TN)
- 5952 **BOLIVIA** *Emisoras Pio XII*, Siglo Veinte, 2357-2401. Talk in Spanish by a man. Announcements on the hour followed by talk by a woman. Weak signal with very heavy low side interference from Okeechobee. 1/25/2018 (Evans - TN)
- 5960 **FRANCE** *NHK World Radio Japan* - Issoudun 12/22, 0440- 0457in JJ; begins with two OM talking about some sort of competition or exhibition, sometimes excitedly;. 44233 (Sives-NJ)
- 5960 **TURKEY** *Voice of Turkey* – Emirler, 2336-2350* Dec 1, English program with features and Turkish music. A man announcer with station ID and closedown announcements prior to closing Turkish instrumental music Poor to fair. (D'Angelo-PA)
- 5960 **TURKEY** *Voice of Turkey* Emirler, 0043-0047, 1-6-18. Turkish instrumentals followed by dramatic vocals. ID in English at 0046 followed by frequency annts and more music until end of English broadcast. Good signal with slight fade. (Cichorek-NJ)
- 5960 **FRANCE** *NHK Radio Japan* 1/5, 0427- 0440 in JJ; two OM conversing in a light-hearted tone, at times maybe even jocular. One interruption for a 3 min. song with string instruments and soft percussion. 43343 (Sives-NJ)
- 5960 **FRANCE** *NHK World Radio Japan*-Issoudun 1/13, 0335- 0349in JJ; coverage of sumo wrestling. 54545 (Sives-NJ)
- 5960 **FRANCE** *NHK World Radio Japan* 1/20, 0405- 0415 in JJ;OM ancr talks in a serious monotone, then a change to comedy as several men and women take turns talking, laughing, and making funny noises. 43343 (Sives-NJ)
- 5960 **TURKEY** *Voice of Turkey* – Emirler, 2304-2354* Jan 20, woman announcer with news in the English language program with station ID ("The news continues on the Voice of Turkey")... Fair to good. (D'Angelo-PA)
- 5960 **FRANCE** *NHK World Radio Japan* 1/26, 0325- 0350 in JJ; OM talks in even tones with musical interludes going on and off at random times. A female sings a song for about 4 min.then back to OM, then a male singer. 43343 (Sives-NJ)
- 5970 **UNITED STATES** *EWTN* 1/7, 0525- 0535, in SS; two OM in discussion. 44333(Sives-NJ) 6030 **UNITED STATES** *Radio Marti* 1/7, 0537- 0545, in SS; presumed discussion about the upcoming baseball spring training. SIO 333 (+) // 7355, 0610- 0625also in SS; a compilation of Tom Petty songs. SIO 222 (Sives-NJ)
- 5970 **UNITED STATES** *EWTN* 1/13, 0350- 0358, in SS; presumed to be inspirational religious music. 55545 (Sives-NJ)
- 5980 **TURKEY** *Voice of Turkey*, Emirler, 2114-2116, 1-15-18. Vocals followed by man in Turkish w/ talk. SIO444. (Cichorek-NJ)
- 5995 **MALI** *Radio Mati*, Bamako I, 2235-2358. Talk in French by a man, occasionally joined by a woman heard 2235-2238. Very weak signal with low audio. Recheck found the same at 2320. Recheck at 2343 found African pop music alternating with longer talk segments. Still weak signal with increasing fading. Gone in Cuban splatter from 6000 at 2358. 1/11/2018 (Evans - TN)
- 6005 **ASCENSION ISLANDS** *BBC*, 0518-0542 Dec 25, man and woman announcers with English language features. Fair. (D'Angelo-PA)
- 6020 **ROMANIA** *Radio Romania Int'l* - Galbeni 0446-0457* Dec 23, man and woman announcers hosting English language features. Nice station ID and closedown announcements at 0455 prior to IS played one time before carrier terminated. Fair. (D'Angelo-PA)


- 6025 **TIBET PBS Xizang**, Lhasa-Baiding 602, 2215-2250. Very weak signal, frequently fading down into noise at 2215 with talk by a man and a woman in Tibetan. Signal remained above the noise by 2226 with Chinese music. Brief announcement in Tibetan by a woman at 2229 followed by more music. Announcement by a man at 2235, then talk by a woman. Music resumed at 2238. Signal deteriorated after 2235. Lhasa parallel noted on 6130 with weaker signal. 1/14/2018 (Evans - TN)
- 6030 **UNITED STATES Radio Marti** 1/20, 0339- 0347, in SS; popular music by artists such as Katy Perry and Beyoncé. SIO 222; // 7355 SIO333; // 7435 SIO 433 (Sives-NJ)
- 6040 **UNITED STATES WHRI** Cypress Creek, SC 1/20, 2247-2306; religious harangue, followed by station ID, then continuing with inspirational music. Freq. /time not listed in Aoki. SIO 433 (Sives-NJ)
- 6050 **ECUADOR HCJB**, Quito, 2255-2300, 1-12-18. Vocals and flute music. Fair to good signal. (Cichorek-NJ)
- 6070 **CANADA CFRX**, Toronto, 2117-2120, 1-15-18. Talk in English regarding US travel bans and their effect in Canada on those seeking entry. Good signal. (Cichorek-NJ)
- 6070 **CANADA CFRX**, 2047-2050, 1-25-18. Traffic report, weather, commercials followed by talk. Very good signal, armchair copy. (Cichorek-NJ)
- 6090 **ETHIOPIA Radio Amhara**, Gedja Jewe, 0440-0444. Talk in Amharic by a man with occasional bridges of HOA music. Talk by a woman at 0444. Weak signal with a few fades up to moderate strength. 1/8/2018 (Evans - TN)
- 6110 **ETHIOPIA Radio Fana**, Addis Ababa, 0445-0448. Talk in Amharic by a man with occasional bridges of HOA music. Weak to moderate signal, the best of the four Ethiopians heard tonight. 1/8/2018 (Evans - TN)
- 6115 **UNITED STATES, WWCR**, 2327-2330, 1-12-18. Alex Jones show. Conspiracy stories abound. Good signal. (Cichorek-NJ)
- 6125 **TURKEY Voice of Turkey-** Emirler 1/13, at 0415 in EE; YL is speaking but too difficult to understand with QRN; at 0423 an OM begins to play indigenous music that lasts about 6 min. Poor (Sives-NJ) 6165 **ZAMBIA NBC Radio-** Lusaka(T), 1/13, 0430- 0438 in EE; one OM ancr. heard but not clearly. Another OM begins music at 0433. SIO 212 (Sives-NJ)
- 6125 **TURKEY Voice of Turkey-** Emirler 1/27, 0428- 0443, in listed EE; although heard no talking in English, because it was all indigenous music; I thought it had a nice sound. SIO 333 (Sives-NJ)
- 6130 **ROMANIA Radio Romania Int.** 1/1, 0105-0150, in EE; polling is over and the Person of the Year is named. Good to fair. Aud.N. only used for mx features. (+) 1/2, also EE; steep decline in reception from last time; SIO 312. Also, // 7325 appears to be coming alive with activity again after seeming dormant. (Sives-NJ)
- 6130 **ROMANIA Radio Romania Int.** 1/12, 0100-0120, in EE; generally poor because of high QRNt. All That Jazz started at 0130, which was followed by DX Mailbag, then Through the Looking Glass. 43344 (Sives-NJ)
- 6130 **ROMANIA Radio Romania Int.** 1/20, 0105- 0148, in EE; RRI Encyclopedia narrated a brief biography of Mihai Eminescu, indigenous music, and during the segment "DX Mailbag", a reading of one of my reception reports, which was submitted electronically just last week. SIO 311; supplemented by Audio Now for clarity whenever analog is poor. (Sives-NJ)
- 6130 **ROMANIA Radio Romania Int'l.** 1/23, 0115- 0139, in EE; Business Club discusses how the EU has initiated a number of reforms in the area of international road transport and trucking. SIO 211(+) 1/24, 0110- 0135. (Sives-NJ)
- 6130 **ROMANIA Radio Romania Int'l.,** 1/27, 0119- 0140, in EE; RRI Encyclopedia talks about the lucrative salt mines found in the Carpathian area of Transylvania; "All That Jazz" featured an artist born in Romania, but sang his songs in English. World of Culture also featured. SINFO 43323 (Sives-NJ) \
- 6134 **BOLIVIA Radio Santa Cruz**, Santa Cruz, 0007-0011. Talk in Spanish by a man, occasionally joined by a second man. Moderate strength signal with minor fading. 1/26/2018 (Evans - TN)
- 6150 **GERMANY - KBC Radio** 0035-0045, 1-28-18. English program with great pop hits from the 50's. Musical ID at 0035. All American rock and roll. Nice selection of songs and good copy. SIO444. (Cichorek-NJ)
- 6150 **GERMANY The Mighty KBC**, Nauen 1/27, 0105- 0115 & 0142- 0154; great to finally pick this up! I heard some Beatles music briefly bit that was about it. Two station ID's at 0123 and 0152. It was very difficult to determine what I was hearing. 22312 (Sives-NJ)
- 6150 **NETHERLANDS The Mighty KBC** From Nauen, Germany, 125,000 watts. Eclectic mix of rock and roll, some old stuff from RMS Ross Revenge. January 21, 2018, 0000-0200 UTC, 10db over S9 with very little fading. (Stahl-NJ)
- 6180 **IRAN Voice of Islamic Republic of Iran** - Sirjan, 0024-0039 Dec 26, tail end of National Anthem opening Spanish language program. A man announcer with station ID and news headlines. Fair. (D'Angelo-PA)
- 6185 **MEXICO Radio Educación** - Mexico City, 0502-0543 Dec 23, nice program of continuous Mexican vocals. Fair signal. (D'Angelo-PA)

- 6195 **SAO TOME & PRINCIPE** *Voice of America* 2121-2149, 1-15-18. English program on American R&B artists with cuts of famous R&B artists of the past. Program hosted by woman in English, nice program. SIO444. (Cichorek-NJ)
- 6195 **OMAN BBC**, A'Seela, 0323-0328. Talk in English between a man and a woman, joined by a third person with accented English. Moderate strength signal with abrupt fades in very heavy noise. Difficult to understand the subject, but it involved the safety of children. 1/15/2018 (Evans - TN)
- 7120 **SOMALILAND Radio Hargeisa**, Hargeisa, 0452-0455. Talk in Somali by a man. Very weak, threshold level signal with heavy fading in heavy noise. Above noise level about 25% of the time. 1/16/2018 (Evans - TN)
- 7205 **SUDAN. Sudan Radio**, Al-Aitahab, 0446-0452. Sudanese music. Talk in Arabic by a man. Weak signal with a few good peaks. 1/16/2018 (Evans - TN)
- 7220 **ROMANIA Radio Romania Int'l** - Galbeni, 0504-0523 Jan 5, man and woman announcers with the news in the Romanian language. After news, station ID followed by features. Fair. (D'Angelo-PA)
- 7234 **ETHIOPIA Voice of Eritrea**, Gedja Jewe, 0419-0432. Horn of Africa music. Talk in Tigrinya by a man at 0421. Weak signal frequently fading down into the noise. 1/8/2018 (Evans - TN)
- 7240 **CLANDESTINE (Nigeria) Radio Biafra** - Issoudun, *0500-0522 Dec 3, opened with woman announcer giving station ID ("This is Radio Biafra coming to you from London"), music features and talks in the English language. Poor to fair. (D'Angelo-PA)
- 7285 **UNITED ARAB EMIRATES BBC** - Dhabayya, 0318-0359* Dec 3, several men speaking in the Arabic language, brief instrumental music followed by more talk features. Poor signal. (D'Angelo-PA)
- 7285 **ENGLAND BBC** - Woofferton, *0400-0423 Dec 3, after Dhabayya site closed down Arabic service this location opened its Arabic language program with several talk features. Poor to fair. (D'Angelo-PA)
- 7285 **ALBANIA Radio China Int'l**, 2116-2130, 1-25-18. Round Table program in English. Discussion about experimental communal living for senior citizens. SIO444. (Cichorek-NJ)
- 7300 **CHINA CNR1** in CC. SIO 333. January 27, 2018, 1555 - 1610. MX, time pips at top of hour, OM in CC talk, some background MX vocals. Also at 1630 - 1635 and // 6145, 6175, as well as 7300. (Henley, WA)
- 7360 **IRAN Voice of Islamic Republic of Iran** - Sirjan, 2056-2107 Jan 8, tuned in to musical selections followed by Spanish language talk, station ID and several announcements prior to talk feature. Poor to fair. (D'Angelo-PA)
- 7380 **IRAN VOIRI**, Zahedan, 0309-0314. Koran recitation in Arabic by a man. Very weak, threshold level signal with high side interference from WHRI. 1/15/2018 (Evans - TN)
- 7390 **NEW ZEALAND Radio New Zealand Int'l** in EE, SIO 555, January 27, 2018, 1610 -1618. Ian Mc Gregor, commentary on church shootings and church architecture. What makes a place of worship? (Henley, WA)
- 7430 **NEW ZEALAND. BBC WS** on RNZI in EE. SIO 454. December 15, 2017, 1536 - 1602. Discussion of electric vehicles, range, charging stations, and the effect on driving habits. Regional news at 1600. Good signal. (Henley, WA)
- 7430 **NEW ZEALAND. Radio New Zealand Int'l** in EE, SIO 555. December 17, 2017 1400 - 1408. News from around the region at the top of the hour. OM announcer. Announcements of programs to come, WX forecast around NZ. Mention of S California fires, bumper MX, and YL announcer with new program. (Henley, WA)
- 7435 **CHINA. China Radio Int'l** in EE, SIO 434. December 14, 2017, 1636 - 1543. OM reading a story. Jamming or digital signal in background, annoying, but not disabling the CRI signal. Quite listenable, with slight QSB, modest QRM. Listed target is S Africa. (Henley, WA)
- 7490 **UNITED STATES WBCQ** - Monticello, 0015-0032 Dec 17, operating on back up transmitter noted with fair signal on peaks but subject to deep fades so basically struggling. A man announcer with English language religious talk noted. (D'Angelo-PA)
- 7490 **UNITED STATES. WWCR 2** in EE, religious broadcast. SIO 555, December 17, 2017, 1409 - 1412. OM Preacher with usual platitudes and his interpretation of the Gospels and Acts of the Apostles. Web address given, "Church of Christ." (Henley, WA)
- 7490 **UNITED STATES - WBCQ** 0021-0100, 1-25-18. Two men discussing real estate trends. At 0035, weak ID and request for donations to station with email address. Further talk but deep fades and very weak audio. I suspect this is a backup transmitter considering the recent transmitter fire. At 0100 heard a clear musical ID jingle at a strong signal peak but overall, poor reception. (Cichorek-NJ)
- 7500 **UNITED STATES WRMI**- Okeechobee 12/23 into 12/24; the tail end of "Your Weekend Show" is winding down when I SCAN INTO this freq. at 0457Saturday. Bob Biermann coming in nicely, SIO 545. Ann. says oldies allow on 9395, but I leave on 7500 for 2 songs... (Sives-NJ)
- 7560 **UNID Unknown** broadcaster in CC, SIO 555. December 14, 2017, 1539 - 1543. OMs in strident harangue. Strong, clear signal. Sounds almost like a religious broadcast. I could find no reference for this station nor was there a hint of any ID. (Henley, WA)

- 7730 **UNITED STATES AWR** Wavescan WRMI, Okeechobee, FL Thursday 1/4/17 0030 Jeff White with last edition of Wavescan for 2017
- 8989 **NICARAGUA El Buen Pescador**, 2244-2248. Male preacher talking in Spanish. He usually talks with fishermen, but on this day he was giving a sermon. Initially a weak signal, slowly rising to moderate level, then slowly back down. 1/14/2018 (Evans - TN)
- 9330 **UNITED STATES WBCQ** – Monticello, 1725-1750 Jan 4, Allan Weiner complaining about government taxes, problems at the station, etc. Appeared to be a repeat of a December program. Fair. (D'Angelo-PA)
- 9395 **UNITED STATES WRMI** Music with Bob Biermann 1/13, at 0445. Music by Badfinger. SIO 444 (Sives-NJ)
- 9435 **UNID** Jamming signal, buzzing, pulsing audio effects, possibly from N. Korea. SIO 555, December 14, 2017, 1627 -1630. (Henley, WA)
- 9445 **INDIA All India Radio**, Bangalore, 2217-2224. Two men discussing finance and investments in English. ID at 2223 followed by pop vocal music. Moderate strength signal with rapid, deep fades. 1/11/2018 (Evans - TN)
- 9570 **ALBANIA China Radio Int'l**, Cerrik 1/20, 0348- 0354 in CH, one male and one female engaged in conversation. SIO 222 (Sives-NJ)
- 9600 **PHILIPPINES Vatican Radio**, Palauig, 2319-2321. Talk in Vietnamese by a woman with short comments by a man. Very weak signal with minor fading. 1/25/2018 (Evans - TN)
- 9625 **TAIWAN Radio Taiwan Intl**, Paochung, 2325-2330. Talk in Thai by a man. Very weak signal, barely above the noise, with minor fading. 1/25/2018 (Evans - TN)
- 9650 **GUINEA Radio Guinee** – Conakry, 2126-2145* Dec 1, great highlife musical selection hosted by a man announcer with French language talk and station ID. Program ended suddenly without announcements in mid-song. Good signal. (D'Angelo-PA)
- 9650 **GUINEA Radio Guinée** – Conakry, 2204-2244 Dec 27, woman announcer with news in the French language. Feature program apparently entitled "Le Journal" with various news featurettes. Nice station ID at 220 and again at 2238. Fair. (D'Angelo-PA)
- 9660 **VATICAN Vatican Radio** – Santa Maria de Galeria, 2002-2034 Dec 25, Holy Father's Christmas Day thoughts in the English Service. Closed program with selection of Christmas songs with background information about each song... Fair. (D'Angelo-PA)
- 9665 **KOREA - DPR Korean Central Broadcasting Station**, Kanggye, 2250-2258. Classical opera music. Talk by a man in Korean over music at 2253. Moderate strength signal with minor fading. Co channel weaker R. Voz Missionaria (Brazil). Much weaker parallel noted on 11680. 1/25/2018 (Evans - TN)
- 9690 **SPAIN Radio Exterior De Espana** , Dec 23, heard at 19:50 SINPO 44544 Two men discussing sports news, very good signal. (Fredette-Ontario)
- 9690 **SPAIN REE 1/28**, 1505- 1520, in SS; very hard to hear the excitable OM ancr. Today ; demasiado! 13121 (Sives- NJ)
- 9720 **CLANDESTINE Radio Erena** – Sofia, 1746-1800* Dec 24, two men in conversation in the Arabic language with some laughter and periodic musical selections. Nice closedown station ID and frequency announcements by another man followed by instrumental music until carrier terminated. Fair. (D'Angelo-PA)
- 9720 **CUBA Radio Habana Cuba**, 2314-2320, 1-10-18. Man in French with inserts in Spanish by woman. ID in French at 2316 with frequency anmts... At 2319 two men in French in dialogue with many ments of Cuba. SIO444. (Cichorek-NJ)
- 9720 **CLANDESTINE Radio Erena** – Sofia, 1756-1800* Jan 8, man announcer with talk in the Arabic language followed by station ID and apparent closing announcements. Instrumental music until carrier terminated. Poor to fair. (D'Angelo-PA)
- 9770 **CHINA China Radio Int'l**, Dec 23 heard at 19:48, SINPO 33323, Cantonese female announcer with classical music. Fair signal. (Fredette-Ontario)
- 9830 **UNITED STATES WHRI** Cypress Creek SC 12/23, 0502- 0510; religious discussion about the Three Wise Men and the gifts they brought to the Baby Jesus. SIO 555 (Sives-NJ)
- 9955 **UNITED STATES WRMI**- Hobart Radio Int'l. 12/23, 0450- 0455 in EE; sounded like a punk rock version of "Joy to the World" being sung by kids. That seems like Hobart's silly style. SIO 222 (Sives-NJ)
- 9980 **UNITED STATES WWCR** with the Overcomer Ministries religious broadcast in EE. SIO 444, January 27, 2018, 1635 – 1640. Brother Stair, possibly pre-recorded, holding forth with long harangue of fire and brimstone. (Henley, WA)
- 11520 **UNITED STATES EWTN**- Vandiver, 12/19, 0311- 0317, Open Line Tuesday takes phone calls from listeners. 44333 (Sives-NJ)
- 11530 **CLANDESTINE Radio Herwa Int'l** – Okeechobee, 1943-2000* Dec 23, tribal singing followed by a man announcer with talks in presumed Hausa language including station ID and possible contact information. Several nice station IDs during program. Good signal. (D'Angelo-PA)

- 11530 **CLANDESTINE Radio Hwera Int'l** - Okeechobee, 1937-2000* Jan 8, female vocal selection followed by man announcer with station ID. Long talks in Hausa language. More station IDs and apparent contact information. At 1959 Bob Zanotti with WRMI ID prior to carrier being terminated. Good signal. (D'Angelo-PA)
- 11530 **CLANDESTINE Radio Hwera Int'l** - Okeechobee, 1942-2000* Jan 21, nice vocals followed by a man announcer with talk in the Hausa language. Station ID and apparent contact information at 1948. Very good signal. (D'Angelo-PA)
- 11560 **INDIA All India Radio 1/28**, 1440- 1455, in listed Pashto; indigenous music. 13221 (Sives-NJ)
- 11610 **MADAGASCAR KNLS**, 2134-2138, 1-22-18. Sounded like Basic English lessons. Man spelling out simple phrases from Chinese to English. SIO444. (Cichorek-NJ)
- 11660 **ASCENSION BBC**, Dec 23, heard at 19:39, SINPO 44344 discussion in Hausa between two women. Very good signal (Fredette-Ontario)
- 11660 **ASCENSION BBC**, 1936-1940, 1-23-18. Two men in listed Hausa language with discussion and mentions of Nigeria. SIO333. Cichorek-NJ
- 11735 **ZANZIBAR Zanzibar Broadcasting Corporation** - Dole, 2047-2100* Dec 16, Nice music program hosted by a man announcer with Swahili talks. Off without any fanfare. Poor to fair signal. (D'Angelo-PA)
- 11735 **ZANZIBAR Zanzibar Broadcasting Corporation** - Dole, 2047-2100* Dec 16, Nice music program hosted by a man announcer with Swahili talks. Off without any fanfare. Poor to fair signal. (D'Angelo-PA)
- 11735 **ZANZIBAR Zanzibar broadcasting corp**, Dec 23, heard at 19:34. SINPO 34343, Swahili language, man reading news, good signal. (Fredette-Ontario)
- 11735 **ZANZIBAR Zanzibar Broadcasting Corporation** - Dole, 2024-2101* Jan 5, a program of continuous vocal music and vocals with closedown announcements by a woman announcer at 2059 in the Swahili language before carrier terminated. Fair to good. (D'Angelo-PA)
- 11735 **ZANZIBAR Zanzibar Broadcasting Corporation** - Dole, 1900-1947 Jan 13, thanks to Dave Valko tip tuned in to Uganda vs. Zanzibar Mapinduzi Cup soccer match. Fair signal. (D'Angelo-PA)
- 11735 **TANZANIA- ZANZIBAR. Radio Tanzania** Zanzibar, Dole, 2012-2020. African pop music, vocal segments in Swahili. Weak to moderate (mostly weak) signal with heavy fading in strong noise. 1/7/2018 (Evans - TN)
- 11735 **BRASIL Radio Transmundial** was the only station occupying the freq at 1857 with sports match coverage in Portuguese. No ID heard. In the clear, however. (Widner-PA)
- 11735 **ZANZIBAR ZBC 2033** in language taking phone calls, YL announcer, and no sign of BRZ. (Widner-PA)
- 11760 **CUBA Radio Habana Cuba** in SS, SIO 444, January 27, 2018, 1641 -1646. OM with news and talk in SS, shallow QSB, moderate QRN, periodic station ID. (Henley, WA)
- 11790 **MADAGASCAR Word Christian Broadcasters** - Mahajanga, 2204-2257* Dec 25, man and woman announcers with talk in the Arabic language. Nice music with talk features. Station ID at 2256 including contact information. Very good signal. (D'Angelo-PA)
- 11810 **ASCENSION BBC** Dec 23, heard at 19:27, SINPO 34343, Discussion between man and woman with music mix aimed for Africa, I.D. at 19:30 Followed by news, army influence in Zimbabwe, Philippines flood 100 dead, news on new Catalan parliament. (Fredette-Ontario)
- 11810 **ASCENSION BBC**, 2127-2130, 1-22-18. Tuned in to end of program discussing medical topics. Woman in English with ID and email address. Brief musical segue to news at 2130 with ID and lead story about US government shut down. Good signal and fair on // 12095. (Cichorek-NJ)
- 11815 **TURKEY Voice of Turkey** Emirler, 12/23, 1500- 1512, in listed Turkish; an OM begins commentary about a bullfighting event. 33233 (Sives-NJ)
- 11815 **TURKEY Voice of Turkey** - Emirler, 1610-1657* Dec 25, woman announcer with news in the Turkish language. Turkish music program followed at 1618. Later features with announcers in remote locations. Closedown station ID and announcements prior to carrier being terminated. Fair to good. (D'Angelo-PA)
- 11815 **TURKEY Voice of Turkey** - Emirler, 1643-1655* Jan 21, Turkish pop vocals followed by a man announcer with announcements in the Turkish language. Carrier terminated during vocal selection. Good signal. (D'Angelo-PA)
- 11815 **TURKEY Voice of Turkey** - Emirler, 1634-1657* Jan 7, nice program of Turkish music followed by feature in the Turkish language by a man and woman announcing team. Fair. (D'Angelo-PA)
- 11815 **BRAZIL Radio Brazil Central**, Goiania, 2301-2304. Brazilian ballad music. Short announcement in Portuguese by a woman at 2303. Weak to moderate signal with quick fades. 1/25/2018 (Evans - TN)
- 11820 **SAUDI ARABIA Radio Saudi**, Dec 23, heard at 19:25, SINPO 44333, Female voice singing.
- 11830 **BRAZIL Radio Daqui**, Goiania, 2305-2308. Talk in Portuguese by a man. Weak signal in heavy noise with rapid fading. 1/25/2018 (Evans - TN)

- 11855 **BRAZIL *Radio Aparecida***, 0415-0506 Dec 24, man announcer with Portuguese language talks, station ID and announcements hosting program of musical selections and vocals. Fair signal but deep fades. (D'Angelo-PA)
- 11930 **UNITED STATES *Radio Marti***, Greenville SC, 12/22, 1608- 1615, in SS; a male singer is doing a rendition of Frank Sinatra's song "My Way". OneOM & one YL anc. Continue on in the program. SIO 454 (Sives-NJ)
- 11934 **BRAZIL *Radio RB2***, Curitiba, 2311-2313. Talk in Portuguese by a man. A few bars of music at 2313, then more talk. Weak to moderate signal with rapid fading. 1/25/2018 (Evans - TN)
- 11945 **MADAGASCAR *World Christian Broadcasting KNLS***, Dec 23, heard at 19:22, SINPO 44444, ID "Radio Feda" at 19:22, Arabic language, discussion between a man and a woman. Very good signal. (Fredette-Ontario)
- 11945 **MADAGASCAR *KNLS***, 1923-1926, 1-23-18. Male vocals followed by two men in excited dialogue. SIO333. (Cichorek-NJ)
- 11950 **CUBA *Radio Habana Cuba*** in SS. SIO 555, December 17, 2017, 1412 - 1419. Latin MX program with good MX. Steep QSB, moderate QRN. Listenable. QSB drives signal from JBA to S5. (Henley, WA)
- 11970 **CLANDESTINE *Radio Xoriyo Ogaden*** - Issoudun, 1608-1629* Jan 20, nice Horn of Africa vocals followed by long talk in the listed Somali language. Closed with some instrumental music followed by announcements by a man and then a woman announcer. Fair. (D'Angelo-PA)
- 11980 **GUAM *Adventist World Radio***, Agat, 2209-2212. Talk in Chinese by a woman. Music at 2210. Very weak signal, barely above noise level. 1/11/2018 (Evans - TN)
- 11985 **MADAGASCAR *AWR***, 1918-1921, 1-23-18. Man in Arabic followed by female vocal. SIO333. (Cichorek-NJ)
- 12050 **UNITED STATES *EWTN*** 12/18, 1515-1522, in SS, religious discussion.55444 (+) 12/18, 1940-1950, in SS, several songs, and one was a rare performance of Joan Baez singing in Spanish. SIO 333 (Sives-NJ)
- 12050 **CLANDESTINE *Dandal Kura Radio Ascension***, 1943-2010 Dec 16, noted weakly under power-house religious station WEWN dominating the channel with talks in presumed Kanuri language. (D'Angelo-PA)
- 12050 **UNITED STATES *WEWN*** - EWTN Catholic Radio in SS, SIO 342. December 14, 2017, 1624 - 1627. OM in talk. Heavy, steep QSB, significant QRN. Broadcast is listenable, but just listenable. (Henley, WA)
- 12050 **CLANDESTINE *Dandal Kura Radio Ascension***, 1943-2010 Dec 16, noted weakly under power-house religious station WEWN dominating the channel with talks in presumed Kanuri language. (D'Angelo-PA)
- 12050 **UNITED STATES *EWTN*** 1/1, 1705-1710, in SS; fair to good. (Sives-NJ)
- 12075 **BOTSWANA *Voice of America*** Dec 23, heard at: 19:14 SINPO 44344, French talk show on medical problems in the Cameroon and how to care for aged and handicapped people. Program "Le monde Feminine" discussion on religious experiences for French speaking immigrants in USA. Good signal. (Fredette-Ontario)
- 12160 **UNITED STATES *WWCR*** 2 from Nashville, in EE, SIO 544. December 14, 2017, 1614 - 1623. OM and YL discussion of history. Contact info given as "CSC Talk Radio. (Henley, WA)
- 13580 **CHINA *China Radio Int'l*** in CC, SIO 555. December 12, 2017, 0020 - 0034. Listed language is Mandarin, OM and YL commentators, listed target is SE Asia. Excellent signal, with slight QSB. (Henley, WA)
- 13745 **THAILAND *Radio Thailand*** in EE, SIO 444. December 12. 2017, 0002 - 0019. International news, YL commentator, listed target is E NAM. News of new parking ticket system in Bangkok, news of reversals for the Islamic State. (Henley, WA)
- 13820 **UNITED STATES *Radio Marti*** in SS, SIO 454. December 13, 2017, 1605 - 1610. OM with talk and news. MX with M vocals. Steep QSB from JBA to S5, increasing QRN. (Henley, WA)
- 13820 **UNITED STATES *Radio Marti*** in SS, SIO 544. December 14, 2017, 1535 - 1539. MX, OMs in talk, conversational format. (Henley, WA)
- 13820 **UNITED STATES *Radio Marti***, from Greenville, NC in SS. SIO 444, January 27, 2018, 1646 - 1650. OM and YLs in animated discussion, talking rapidly in SS. Possibly sports broadcast or news clips of a sports event or some demonstration. (Henley, WA)
- 13845 **UNITED STATES *WWCR*** in EE. SIO 333. December 16, 2017, 1558 - 1603. Dr. Gene Scott program, pre-recorded, re-broadcast of an older show. YL preacher. Steep QSB, modest QRN. Listenable. (Henley, WA)
- 15200 **ENGLAND *Deutsche Welle***- Meyerton (T) 1/1, at 1818 one OM coming in very weak, the sound of a horn, a blip of music at 1822, and YL voice at 1826. Very poor with deep fades. (Sives-NJ)
- 15235 **SOUTH AFRICA *Channel Africa*** - Meyerton, 1749-1756* Jan 8, woman announcer hosting English language sports features concluding with "and finally, cricket..." Program IDs for "African Digest" followed by a man announcer with station ID and closing announcements. Fair. (D'Angelo-PA)

- 15235 **SOUTH AFRICA Channel Africa** - Meyerton, 1736-1759* Jan 18, English language service with sports news followed by program ID "This is African Digest". News headlines closed out program with female vocal selection until carrier terminated. Good signal. (D'Angelo-PA)
- 15360 **CLANDESTINE Voice of Amara** - Issoudun, *1700-1717 Dec 25, soft strings and gongs IS followed by a man announcer with station ID and opening announcements in presumed Amharic language. Mainly talk features hosted by a man announcer. Poor. (D'Angelo-PA)
- 15370 **CUBA Radio Habana Cuba** in SS, SIO 444. December 11, 2017, 2330 - 2357. Talk and Latin MX show. OM and TY announcers, target EU. Frequent ID, off air at 2357. (Henley, WA)
- 15370 **CUBA Radio Habana Cuba** in SS. SIO 555. December 15, 2017, 1530 - 1535. Very strong and excellent signal. Latin MX program. Slight QSB but virtually no QRN. Nice MX. ID around 1532, followed by more MX. Clear channel sound. (Henley, WA)
- 15390 **SPAIN Radio Exterior de Espana**, 1904-1906, 1-23-18. Man in Spanish with presumed news. Poor with fading. (Cichorek-NJ)
- 15500 **SPAIN REE Noblejas 1/6**, 1520-1537, in SS; as expected, the usual exuberant OM ancr. and his running commentary of a presumed soccer game. Crowd sounds and whistling are heard, but not clearly.24232. (Sives-NJ)
- 15580 **UNIDENTIFIED** Two OM in conversation, using possibly an African language. Frequency listed is VOA in EE, but it was not. No discernible program or station ID. SIO 444, January 24, 2018, 1705 - 1716. Decent signal with modest QSB and QRN. (Henley, WA)
- 15700 **CUBA China Radio Int'l** via Radio Habana Cuba in EE. SIO 555. December 14, 2017, 1528 - 1535. Financial talk. Talk and commentary about Chinese culture, "Today" show for breaking events in China. Web site address given, news from around the world at 1530. Excellent signal. (Henley, WA)
- 15700 **CUBA China Radio Int'l** via Radio Habana Cuba in EE. SIO 343. December 15, 2017, 1526 - 1530. CRI in EE, target NAM. OM and YL in discussion of Chinese culture and current affairs, financial markets, etc. Listenable, but not great. (Henley, WA)
- 15730 **UNID 1/1/18 2000 OM FF** announcing group singing. Fading. Mention of rock star. Lively MX and mention of Marco Antonio by OM. Rap-like singing at 2016 and continued w/talk. Off at 2028. G. (Ervine-TX)
- 15825 **UNITED STATES WWCR 1/20**, 1600- 1608; the Staff of Life Broadcast from Bridgeview, Illinois makes their presence known, and asks for listeners to call in. SIO 433 (Sives-NJ)
- 15825 **UNITED STATES WCR Nashville, TN 1/1/18 2030 Vocals**, talk by OM/YL re.resolutions-RLG. YL vocal into group vocals. Message by OM. MX 'Whiter than Snow'. ID and at2058 w/ Nashville address. G. (Ervine-TX)
- 17705 **SAUDI ARABIA Radio Saudi BSKSA 1/14**, 1344- 1350, in Arabic; one OM heard speaking. Weak signal. (Sives-NJ) 13845 **UNITED STATES WWCR-University Network 1/20**, 1550- 1558; pastor Melissa Scott speaks about attracting younger people into the church community. SIO 323 (Sives-NJ)
- 17800 **SOUTH AFRICA Adventis World Radio**, Dec 23 heard at 20:00, SINPO 44544 French program "Bien etre" intro then sudden cut off of signal. Very Good signal before cut off. (Fredette-Ontario)
- 21525 **UNITED STATES WRMI- RadioAfrica, 1/1**, 1720-1725, in EE; a typical religious harangue. Good, but with deep fades. (Sives-NJ) 

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.

On the Shortwaves

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< www.ontheshortwaves.com > Update, January 28, 2018 -- Recently, under "DX History/Lists, Logs, Guides & Columns," we posted the 1932 Tung-Sol "World Radio Log and Map." Now we have posted three later versions: 1934, 1935 and 1937 (the latter two are almost identical). In those days Tung-Sol was a major manufacturer of vacuum tubes. -- And Adrian Peterson takes us back to Montserrat in "The Radio Scene on a Small Island With a Large Volcano-2" (Wavescan N463, January 7, 2018); plus "Passed by the Censors" (Wavescan N463, January 7, 2018). Look under "Specialized Resources/Wavescan."

< www.ontheshortwaves.com > Update, February 4, 2018 -- Under "DX History/Stations," we have posted another item from wartime Germany, a booklet called "Five Years of the German Shortwave Station." It combines the station's North American program listings for April 1938 with various items relating to the Zeesen station's fifth anniversary, including photos (see Reichminister Dr. Goebbels, "the patron of German broadcasting," on p. 3), a timeline of the station's development from 1933 to 1937, etc. It is written in both German and English. -- And under "Specialized Resources" we have a bumper crop of eight new "Wavescan" stories from Dr. Adrian M. Peterson. They are: (1) "The New Year With the Voice of Asia on Taiwan" (Wavescan N462, December 31, 2017); (2) "Historic Mediumwave Station KQV Leaving the Air" (Wavescan N462, December 31, 2017); (3) "Famous Broadcasts from KDKA Shortwave" (Wavescan N464, January 14, 2018); (4) "Ancient DX Report: 1914" (Wavescan N464, January 14, 2018); (5) "All India Radio Jammu Celebrates 70 Years" (Wavescan N465, January 21, 2018); (6) "The Usage of Radio Callsigns" (Wavescan N465, January 21, 2018); (7) "The Radio Scene in Central America: Belize-1" (Wavescan 466, January 28, 2018); and (8) "On the Air and in the Air-1: Stories about Radio and Aviation" (Wavescan 466, January 28, 2018).

< www.ontheshortwaves.com > Update, February 11, 2018 -- Under "DX History/QSLs & Other Station Memorabilia" we have posted a file showing various pins from the BBC. -- And under "Specialized Resources/Wavescan" there is this new entry from Adrian Peterson: "Abandoned Radio Stations-4" (Wavescan N467, February 4, 2018).

< www.ontheshortwaves.com > Update, February 18, 2018 -- Before it became a major receiver manufacturer, the National Company sold parts. Its receiver line developed later. Under "DX History/Equipment & Advertising" we present the 1936 National catalog and price list showing their wares. In addition to capacitors, cabinets, chokes, coils, transformers and other parts, you will find the HRO and HRO Junior, the NC100, and the famous FB-7 and SW-3. -- And under "Specialized Resources/Wavescan," Adrian Peterson DXes from a place you are not likely to find yourself in these days: the cockpit of an airliner. Check out "On the Air and in the Air-3" (Wavescan N468, February 11, 2018).

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