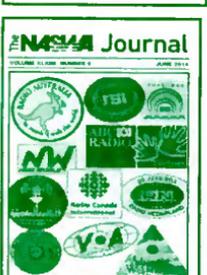


The **NASWA** Journal

VOLUME XLXIII NUMBER 12

DECEMBER 2014



Holiday Greetings

Quality Radio Equipment Since 1942

**Shortwave Receivers
Past & Present
Communications Receivers
1942-2013**

RECEIVERS PAST & PRESENT



By Fred Osterman. This huge 800 page hard bound Fourth Edition includes over 1700 shortwave and amateur communications receivers (plus 1200 variants) made from 1942 to 2013. Here is everything you need to know as a radio collector or informed receiver buyer. Information includes: receiver type, date sold, photograph, size & weight, features, reviews, specifications, values (most), variants, rating and availability. 360 worldwide manufacturers with 1800 photos. Become an instant receiver expert!
2014 Fourth Ed. **\$49.95** (*6.95 shipping).

Reader comments on the 4th Edition:
You really hit it out of the park. - Dan Robinson

My hat is off to you my friend, and the tremendous endeavor that you took on and succeeded in completing in such a marvelous fashion.
- Les Locklear

It's a book that in one place wraps up more information about an era than any 20 people could bring to the table. - Avery Comarow

Amazing work. - Mario Stutterheim KD2BXA

WOW, WOW, WOW. - Richard McKlurg

The SWL community thanks you for providing us this great reference to the equipment we love! - Tom Marcotte N5OFF

This 4th edition is simply a masterpiece which will provide many hours of interesting reading in addition to immediately becoming recognized as the most authoritative reference on the subject. Thanks for this wonderful contribution to our hobby. - Robert Baumann

It's a fine book, greatly expanded, and I'm going through it slowly. I didn't know there were that many receivers made that I haven't heard of.
- John Reed KA5QEP

Just received a copy of the latest edition of "Receivers Past and Present." All I can say is WOW. - Paul Katz W5NTQ

CommRadio CR-1a

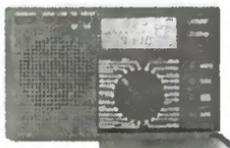


The CommRadio CR-1a is a true SDR receiver, but does not require a computer. Enjoy the benefits and performance of state-of-the-art SDR, but in a conventional radio package. The CR-1a SDR is independent of a host PC, using embedded digital signal processing technology that provides a degree of portability and performance previously unavailable to the radio enthusiast. Covers: 500 kHz-30 MHz, 64-260 MHz and 437-468 MHz in AM, SSB, CW, WBFM, NBFM modes. It features a 64 x 128 OLED amber display with EMI-filtered lens. I&Q output to PC's and Android platforms. PC app 200 kHz spectrum analyzer. The incredible performance is combined with exceptional portability. Powered via USB or 6-18 VDC input. Enjoy top-shelf American technology in a compact, metal case. An amazing 5.64 x 2.43 x 6.10" 1.8 lbs.
CR-1a **Order #2002** **\$599.96**

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GRUNDIG

G8 TRAVELER II



The Grundig G8 Traveler II covers longwave, AM, Fm and shortwave: 3190-3450, 3850-4050, 4700-5100, 5700-6300, 7080-7600, 9200-10000, 11450-12200, 13500-13900, 15000-15900, 17450-17900, 18850-19100 and 21430-21950 kHz. The G8 has an analog circuit with digital display. The 24 hour clock with alarm that can wake you to a buzzer or radio. Other features include: key lock function, backlit display, fast or slow tuning, longwave disable function, DST adjust and 9/10 kHz AM band step. The extensive memory system may be filled manually or automatically (ATS). The capacity is: 100 FM, 100 AM, 100 longwave and 200 shortwave frequencies. There is a built in ferrite bar antenna for longwave and medium and a telescopic whip for FM and shortwave. This radio even employs DSP-Digital Signal Processing to improve reception. Requires three AA cells (not included). With: carry pouch, stereo ear buds and manual. Only 6.625 x 4.125 x 1.125" 12.2 oz. Regularly \$59.95. CLOSE-OUT.
G8 Traveler II **Order #0888** **\$34.98**

The definitive reference in short wave receivers.
- Bertrand Velle

Wow! Best reference book on Shortwave/HF receivers ever published anywhere. - David Whiting

The book is INCREDIBLE! Wow-I'm having so much fun digging through all of these receivers!
- Thomas Witherspoon

A true work of art. - John Wagner

Absolutely fabulous. - Dale Parfitt W4OP

GRUNDIG G2



The Grundig G2 Reporter has a unique slender design with dual stereo speakers. It receives AM, FM, FM stereo and continuous shortwave from 2.3 to 23 MHz. The huge 248 channel memory system has memory scan and auto tuning storage. There is even a Line Input jack. There is also a built in MP3/AWAV recorder with 4 GB flash memory and built-in mic. So you can record off-the-air, via line input or via mic. There is a mini USB 2.0 jack. There is built-in micro-SD card port (supports up to 16 GB). Other features include: keypad entry, clock time, lock and backlit LCD with tuning strength indicator. The G2 can be set to operate in 17 languages. The built-in rechargeable lithium battery (1250 mAh) charges through the mini USB port. 7.5 x 3.5 x 0.8" 9.6 oz. CLOSE-OUT.
G2 Reporter **Order #5002** **\$54.98**

Protect your G2 when you are on the move with this black vinyl case with a velcro type closure.
G2_CASE **Order #0665** **\$19.95**

A wonderful book. It impressed me.
- Hideo Kanemichi

Fine job! Many memories with those old receivers. - Hervé Brien F8CZL

A truly remarkable compilation of so many receivers. - Peter Markavage

A magisterial tome. It is absolutely excellent and anyone half interested in receivers MUST go and spend his pennies and buy it.
- Michael O'Beime G8MOB



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Please stop by for a look. We offer a wide selection of new and used shortwave equipment, antennas and books.

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\$50-100=\$8.95, \$100-\$500=\$9.95, \$500-\$1000=\$14.95.
Except Alaska, Hawaii and Puerto Rico.

Season's greetings to everyone. I hope you each enjoy a great holiday season and get that little something that you always wanted like a new receiver. A little free time for listening to the shortwave bands wouldn't be a bad gift.

Congratulations to the DX Clube do Brasil which recently celebrated its 33rd anniversary on November 15th. **Rene Passold** and his wife **Sueli** offered their home in Osasco for the club party which was attended by **Pedro** (past attendee at our Winter SWL Festival) & **Luciana de Castro**.

Member **Thomas Witherspoon** is trying to gauge an interest in a very unique listening DXpedition he is plotting for 2015. He is looking to organize a radio listening DXpedition at the Pisgah Astronomical Research Institute (PARI), a non-profit educational radio astronomy observatory (and former NASA tracking station as well as one-time NSA installation), in the mountains of western North Carolina, specifically in Rosman, North Carolina. This would be a wonderful opportunity to DX in an RFI-free environment in the beautiful mountains of western North Carolina, on the 200+ acre campus of an active radio astronomy observatory and former NASA tracking station. PARI has agreed to handle all of the arrangements, and even provide some dorm rooms and camping space to the first registrants. There will be a fee for the event (to pay for the facilities and PARI staff time) but any profit would benefit PARI's science education mission. The fee would be based on the number of attendees and how many nights the group operates. Thomas is targeting for a two night stay, on a Friday and Saturday (October 9 & 10, 2015). Here are the details: <http://swling.com/blog/2014/10/dxpedition-at-a-radio-astronomy-observatory-want-to-join-me/>.

If you are interested in attending you can contact Thomas at thomas@swling.com. One of the great things about listening to shortwave, mediumwave or longwave at a radio astronomy site is the blissful absence of any radio noise. Radio astronomy requires seriously RF-quiet conditions, and all the better for SWling, too. Once Thomas has a good estimate of attendees, PARI will be able to price the weekend. This would be a great opportunity to have a DXpedition in a noise free environment in fall weather and take in a little radio astronomy at the same time. Remember to contact Thomas Witherspoon at thomas@swling.com if you would like to attend.

We have more information about the European DX Council gathering held in France from 19-22 of September. After the main events at the EDXC Conference in Tende, but just before the banquet, **Dario Monferini** conducted several interviews with participants. You can hear these recordings at the following link from Europe Radio Jazz: <http://www.883europaradiojazz.com/jazzclub-1350am-26.9-edx.mp3>. The whole recording lasts about an hour and five minutes. Here is the line up on the recording. There is an introduction with **Toshi Ohtake** and Dario in English, followed by interviews in Italian of **Roberto Pavanello** (Italy) and **Jan-Mikael Nurmela** (Finland). Then follows Toshi Ohtake (Japan) in English, **Mrs. Jocelyne d'Errico** (New Zealand / Monaco) in Italian, **Anker Petersen** (Denmark) (from 0:41:46 till 0:47:48) and **Alexander Beryozkin** (Russia) both in English. Thanks to Dario Monferini of PlayDX and Anker Petersen of the DX Window for this information.

Long awaited is **Fred Osterman's** new book, *Receivers Past & Present, Communications Receivers 1942-2013, Fourth Edition*. It is a hard bound 800 page tome to vintage radio

gear that costs \$49.95 plus \$6.95 shipping direct from Universal Radio (6830 Americana Parkway, Reynoldsburg, OH 43068-4113). It is a comprehensive guide to over 1700 shortwave, amateur and commercial communications receivers (plus 1200 variants) manufactured produced in the last 70 years. With 1800 photos and information including: coverage, circuit type, display, features, performance, new & used values (for most), reviews, etc. Over 360 domestic and international manufacturers are represented. This book should enable you to become an instant receiver expert.

Please note that the Danish Shortwave Club International (DSWCI) will hold its Annual General Meeting 2015 at Landgasthof Tarp, Bahnhofstrasse 1, D-24963 Germany in the weekend 8th- 10th May 2015. The little town Tarp is located at the highway E45/A7 and is a station on the railway line Hamburg-Flensburg. Train every 2- hours. Tarp is 146 KM from Hamburg, 15 KM from Flensburg, 10 KM from Schleswig and 334 KM from Copenhagen. From Landgasthof Tarp we have got a temporary offer stating that we can have 1x coffee with cakes, 1 x half board (3 dish evening-meal and 1 x

breakfast) in connection with the following room-prices: 1 night in double-bedroom for EUR 52,- per person and for 2 nights EUR 78,- per person; 1 night in single-bedroom for EUR 62,- per person and for 2 nights EUR 98,- per person. All rooms with bath and WC (bathroom - RAD). As the number of rooms available is limited we advise you to make your reservation early. This is an offer made to the DSWCI only. Please do NOT contact the Hotel directly, but contact the club's treasurer Bent Nielsen (Egekrogen 14, DK-3500 Værloese, Denmark or e-mail: bent.elin@webnetmail.dk), if you already now wish to make a reservation of a room, stating arrival date, the kind of room, the departure date and name of person/persons staying in the room. Tentative program is: Friday 8th May: Arrival and evening-meal for members with a room; Saturday 9th May: Individual sightseeing in the area, at 1400- Annual General Meeting -coffee break at 1500, at 1900- Common meal; Sunday 10th May: Departure. We hope to see many of you in Tarp next year - The DSWCI board.

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

Musings

Jerry Lineback • P.O. Box 1220 • Grantham, NH 03753-1220 • jerrylineback@comcast.net

Please e-mail musings to jerrylineback@comcast.net or send to P. O. Box 1220, Grantham, NH 03753. Next deadline is December 24. Thanks to all contributors.

Ed Insinger, 28 Madison Ave., Summit, NJ 07901 <lenapeland@aol.com>

After an absence of several years from NASWA, with the DX season upon us, I decided it was time to rejoin the club that has been an integral part of the hobby for me. Rejoining is done so without knowing what to expect, amidst the many changes taking place in the shrinking world of shortwave.

Last year, I downsized my shack and sold the JRC NRD-525 and Hallicrafters SX-100 which I bought from Gilfer Associates back in 1972. That was my first general coverage receiver and logged some great DX from that active listening era, with so many stations to hear, regardless of the hour. (I also had an ARO neighbor who allowed me to tune his Hammarlund HQ-180 and Collins 51J4 and with this trio of receivers, I was fortunate to have been a part of these American made classics.)

Now my shack consists of an R.L. Drake R8A, Palstar R30A and Eton e1, using a home brew 30 foot longwire and PAR End-Fed Z EF-SWL antennas in my back yard. Whatever stations remain these days can certainly be logged by this trio of receivers.

The greatest challenge I will face is coming to grips with the fact that over the past 40 years, I have been an avid QSLer. Sadly, with the changes to the hobby, I can no longer send out 3, 4, or 5 reception reports a week like I used to. So I will try to transition from a DXer to a listener of the shortwaves, with the hope I can find enough stations still active to keep my hand in sending reception reports — and occasionally receiving a reply in the form of a card or letter.

Vince Henley, KB6GV, KPC7GV vincehenley@earthlink.net, 4306 Shelby Court, Anacortes, WA 98221

I live in a community that has strict CC&Rs about external antennas, which specifically mention prohibiting radio antennas. Some time ago, I convinced the Home Owner's Association Board of Directors to allow me to erect some unobtrusive wire antennas and perhaps some small VHF vertical antennas. Since I'm a licensed ham operator, and teach classes in basic electronics and FCC regulations for new hams and those wanting to upgrade as a community service, the HOA agreed to allow me to install wire HF and small vertical VHF antennas. I noted that they agreed to antennas, plural. I enjoy SWL, and really wanted to improve that part of my radio hobby first, so I planned and installed a decent receiving antenna. I chose the Alpha-Delta DX-Ultra as I had room on my property for it and suitable trees and structures to install it in a beneficial orientation and high enough to work well and remain unobtrusive enough to meet the HOA scrutiny. I chose that antenna because it can be used as an 80M-10M transmitting antenna with a suitable tuner. I was able to install the antenna about thirty feet up, in the clear, and oriented 93.5 - 273.5 degrees broadside. That's about as good as it gets for what I want to hear with a dipole. I use marine grade hardware for everything and the antenna line runs through marine-grade swivel blocks and is tensioned with 45 pounds of suspended lead weight. That's just about right for #12 hard drawn copper wire and it works perfectly when the wind blows the trees around, keeping the antenna tension constant.

I devoted as much effort to my RF ground system as to the antenna. I drove four eight-foot, 5/8" diameter Copperweld ground-rods into the ground next to my foundation at an average of sixteen foot spacing, and tied them all together with number-two stranded copper cable that leads to a common ground buss for the station. I have not yet tied that ground system to the AC service ground because the service entrance is about a hundred feet away on the other side of the house. I'll do that eventually, but I'll need to run more number-two cable under the house in the crawl space to reach it. It's not an easy task and I question the efficiency or need for that extra hundred feet of cable, but code requires it. I rented a rotary hammer and a ground-rod driver socket bit to drive the ground rods and it is one of the best \$20.00 I spent on the project. My own rotary hammer and ground rod driver were 1,000 miles away right when I needed them. The first ground rod has an Alpha Delta copper mounting plate attached and I've installed surge protectors for each antenna on it. The RG-8 antenna coax cables go from an antenna feed point to a surge protector and from there to a modified MFJ entrance panel right at the operating position. The panel modification allows a custom-made window screen to fit securely and keep the bugs out when I have the window open. It also provides a better weather seal and security when the window is closed than the stock panel does.

How does it work? Fabulously! Much better than I expected. I cannot say enough good things about that antenna and I suspect the extensive ground system has a lot to do with its performance. I live on an island here in Puget Sound, and we have generally moist soil all year around and are surrounded by salt water. I'm at about four hundred feet above sea level with a generally clear horizon, except for the forest, and I am really enjoying listening to various parts of the world open up as the propagation shifts throughout the day. I currently have an NRD-525 and an R8-B switched on that antenna, and I'll add other radios (and antennas) as time goes on. Right now, I am simply enjoying, for the

first time in years, having a decent external antenna and being able to listen to what HF SWL is still available. Reporting logs comes later.

Bob Fraser, 255 Lincolnvill Avenue, Belfast, Maine 04915-7404

Wonder if anyone can solve this mystery: On October 22 while scanning the bands around 2145 UTC, I tuned in a station on 9335 kHz. It was mainly a program of Chinese music with a woman speaking at times and a woman singer featured. Looking it up in the WRTH 2013, I found it to be North Korea broadcasting to China in Chinese. Has a SIO of 352. I thought I heard another station underneath but nothing really came up and at 2158, WBCQ signed on here.

The next day, 23rd, I tuned in just before 2100 and heard the Chinese language station sign on, no recognizable ID. After sometime, the Chinese station faded out and another station came in, a man and woman speaking – not Chinese, not English, but it sounded like an Oriental language. By 2130, it was a mess as both had a SIO of 422. There was one point where the woman of this second station was singing U.S. show tunes.

The only other stations listed on 9335 are Radio Free Afghanistan and Radio Ashna, both of the VOA and broadcasting from Kuwait in local languages, but much earlier. Had it been either of these two, I figured the Chinese station was a Firedrake but it sounded too much like a regular transmission. I was using my SONY ICF SW-100 to be sure of the frequency, although the Mini – 3 brought it in much better.

Any ideas? 73, Bob

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

Just returned from our first DXpedition of the new DX season to French Creek State Park. Rich Cuff, Kris Field, John Figliozzi, Ed Mauger and Dave Turnick – all DXpedition veterans – rounded out a crowded cabin. As usual, it is a lot of fun to be in a noise free environment which reveals many stations that are difficult, if not impossible, to hear at home.

QSL returns continue in the slow mode. Some new reception reports will hopefully generate some activity. FEBC Radio International verified an electronic report with a full data “FEBC Radio International – “The Sound Alternative” Monkey-Eating Eagle card with a cover letter from Norita P. Esytabillo, Shortwave Operation – Program Support Supervisor, Postal address: P. O. Box 205, Ortigas Center, Pasig City 1605, Philippines. Radio Ukraine International – Okeechobee verified an electronic report with a full data Mariinskyi Palace (18th Century) card. Finally, Radio Africa Network – Okeechobee verified an electronic report to info@panambc.com with a full data Map Card and personal letter from Jeff Bernald with full schedule of ministries they broadcast from the Pleasanton, CA address. That’s it from Wyomissing!



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.



Easy Listening

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

A new broadcaster on shortwave: Global 24

No, this isn't a misprint; a new English-language broadcaster, based in the USA, has launched on shortwave, using the facilities of WRMI and airing on 9395 kHz 24/7.

While most USA-based broadcasters of late have primarily emphasized purchased-airtime broadcasts from various evangelical Christian ministries, Global 24 is different, airing a mix of music programming (blues, jazz, classical, rock), international broadcaster relays (likely facilitated by WRN), PCJ Media programming (for example, *Media Network Plus*, *The Two Bobs*), news broadcasts, documentaries, radio hobbyist programming, a mailbag ("produced daily"; three editions this week) and other eclectic spoken-word programming (paranormal, survivalist).

Global 24 is a commercial venture, and the station is interested in donations and sponsorships to cover expenses, which is a slightly different business model than the block sale of airtime that is typical on stations such as WRMI, WBCQ, WWCR, WHRI, WTWW, WRNO, and WWRB.

One trait that Global 24 shares with stations like WRMI and WBCQ is that daily schedules can be variable based on programming offered up for listening; as a result, you may find that the schedule summarized below is not 100% valid, as it changes on a weekly version and this Monday schedule is specific to the week of Thanksgiving:

Monday

0000 - *Media Network, Switzerland In Sound*

0100 - *Peace Talks Radio* (monthly series on peacemaking / conflict resolution)

0200 - *Dialogos Radio* (all things Greek)

0300 - *Classics and Beyond*

0400 - *The Stuph File* (interviews, pop culture, odd news)

0500 - International broadcaster relays (**Radio Japan, RFI, Deutsche Welle**)

0800 - *Focus Asia Pacific* (from PCJ Media)

0830 - *Blues Radio International*

0900 - International broadcaster relays (**KBS World Radio, Channel Africa**)

1100 - *Jazz From The Left*

1400 - *Old Time Radio* (drama)

1500 - *Democracy Now!*

1600 - International broadcaster relays (**Channel Africa, RNZI, Vatican Radio, Radio Prague, Radio Japan**)

1830 - *Blues Radio International*

1900 - *Polish Radio External Service*

2000 - *Sons of Liberty* (issues-oriented talk)

2100 - *Focus Asia Pacific, Blues Radio International*

2200 - *World Of Radio, Switzerland In Sound*

2300 - *Democracy Now!*

Often a news broadcast from the **EU News Network** or **Feature Story News** will start an hour. As you can see, it's a mix of programming types throughout the day, meaning you can tune in and stay tuned in.

Other days follow a similar pattern, though each day is different.

The 9395 kHz frequency is designed for North American consumption; Global 24 has also been trialing other frequencies targeting Europe and, potentially, elsewhere. My own listening during a recent French Creek (PA) DXpedition found 9395 kHz reliable most of the time.

While some of the programming isn't my cup of tea, I generally have found the station to be worth a listen when I can find the time to tune them in.

If you have Internet access, the most comprehensive and current information can be found at <http://about.global24.com>. Their postal address is Global 24 Radio, 2719 Hollywood Blvd B-16, Hollywood, FL 33020.

On-demand programming now available from AIR's *General Overseas Service*

Thanks to a tip from Alan Roe – the **General Overseas Service of All India Radio** (hereinafter “AIR”) has recently “soft launched” a website with a selection of AIR programming available on demand, at <http://airworldservice.org>; AIR has been one of the last international broadcasters to have a website with programming available.

On the website, you'll find the following programming as of this writing: ***Destination India, India On The Move, Indian Heritage, Legends of Indian Cinema, and Vibrant India***. You'll also find text news stories and a link to the domestic “News on AIR” website, which features on-demand audio.

According to correspondence Alan has exchanged with AIR, the comprehensiveness of programming will increase as AIR gets its “sea legs” with this website; early on, I've found the website to be sporadically unavailable; hopefully its reliability will improve as AIR gains experience with maintaining its website.

Handy smartphone utility: *Black Cat Systems' Shortwave Broadcast Schedules*

As you know, my smartphone often serves as a “Swiss army knife” for me as an Internet-connected tool for portable listening to Web audio, either streamed on-the-fly (over the cellular network) or downloaded via a Wifi connection (to avoid data charges). While at a French Creek DXPedition, Kris Field showed me the *Black Cat Systems* shortwave schedules app, a database of SW frequency information, providing a handy electronic resource while tuning the shortwave bands. I tried out the app once I got home from the park, and have found it a useful form for researching times and frequencies when carrying paper isn't easy to do, or when you want an electronically searchable resource without lugging around a personal computer. Versions are available for both iOS and Android operating systems. The

iOS version will set you back \$1.99 and gets excellent ratings from the Apple App Store.

Budget pressures continue at Australia's ABC – this time at *Radio National*

In a previous column I mentioned the challenges faced by **Radio Australia**, with the specific plans to replace RA-produced programming with domestically-produced **Radio National** and **ABC Local Radio** services. A recent article in the *Sydney Morning Herald* newspaper mentions that several **Radio National** programs are at risk of termination due to budgetary pressures. One program listed as a possible target for termination is one of my favorites, **Rear Vision**, a program that looks at the historical context for current affairs...and how history can help us understand why today's events have unfolded the way they have. Another possible loss would be **Bush Telegraph**, which has long been featured both on **Radio National** and **Radio Australia**.

Now that the **Radio Australia** schedule has settled into a new routine, here is some of what you can hear at times that should propagate well to North America, based on the **Radio Australia** website:

Sundays 0830 UTC: **Sundays** with James O'Loughlin is a mix of quirky news and interesting personalities makes it an ideal companion as you wind down from the weekend and prepare for the working week. Fun, lateral and inspiring...

Sundays 1100 UTC: **Sunday Nights** is ABC Local Radio's weekly national program that opens up conversations on important issues concerning religion, spirituality, ethics and values. In **The Issue**, Noel explores a topical issue of religion, ethics and society with guests, and listener participation. Commentary on religious current affairs, as well as the local interface between welfare agencies and community needs, feature in the second-hour **Signpost** segment. **The Interview** is an in-depth conversation with news-makers, authors, religious leaders and thinkers, often including musical choices of the guest. After the popular Inquisition, **The**

Good Life stays close to the ground, exploring how people find fulfillment through engaging in religious beliefs and practices. The **One O'Clock Chat Room** rounds out the program, with Noel and a regular cohort of co-presenters engaging listeners in wide-ranging conversations about issues from personal belief to international politics.

Monday-Friday 0900 UTC: Practice your languages: **Radio Australia Wantok** is a half-hour weekday program providing news and current affairs in Tok Pisin, Solomon Islands Pijin and Bislama.

Wednesdays 1100 UTC: **Radiotonic** is a **Radio National** offering featuring a "...a heady mix of fiction, non-fiction, essays and drama from writers, artists and radio makers..." Produced and presented by RN's Creative Audio Unit, **Radiotonic** (along with **Soundproof**) join forces to explore the ever-evolving audio landscape, bringing the best and brightest working across mediums in Australia and beyond to the airwaves, and carving out space for innovative sounds and stories ranging from the familiar to the unexpected.

Weekdays 1300 UTC: **Unearthed** is a digital radio service featuring new Australian music from the domestic **Triple J** music channel, targeting a young audience.

It appears that the popular **Daily Planet** music program from **Radio National** isn't on the current shortwave schedule, though it was a couple months back; unfortunately appears you'll have to listen online through the **Radio National** website if you want your Lucky Oceans fix.

Note that I haven't had the chance to verify all of these via "live" listening; I apologize in advance if this web-based information isn't correct.

Voice of Russia becomes Sputnik Radio

With the absorption of the **Voice of Russia** into the Russian state news agency **RIA Novosti**, the VoR brand has now disappeared, with the new Russian external service now

called **Sputnik Radio**. One fundamental difference claimed between **Sputnik Radio** and the former **Voice Of Russia** is that much of **Sputnik Radio** is produced in the target countries (e.g. the UK and the USA), instead of being produced in Russia itself. The logic offered by RIA Novosti is that content produced by bureaus in the target countries will "sound" more appealing to listeners in those countries, though it's worth noting that RIA Novosti has fallen afoul of the British broadcasting regulator, Ofcoms, for distorting "truth" in its content offered on domestic UK radio; of course, such regulation is not an option for shortwave, which knows no censorship other than jamming.

There has been some talk that **Sputnik Radio** will return to shortwave sometime in the near future, but I haven't seen anything firm on this yet.

International Broadcasting relays via WRMI

In addition to the international broadcasting relays offered by Global 24 listed above, **WRMI** also relays some international broadcasters within its own programming:

Radio Ukraine International

Via SWLing.com and Keith Perron - **WRMI** began relaying RUI's English language programming on shortwave as of late September, from 2330 - 0000 UTC on 11580 kHz. The service is targeted towards Eastern North America but should also be audible in Europe, according to Jeff White, **WRMI**'s General Manager. The service will continue at least through the end of 2014.

Radio Prague

This is shown at 1300 UTC on 9955 kHz, but I am not sure the transmitter is switched on at that hour; this service is streamed at <http://wrmi.net> even if shortwave is not in use at that time.

Radio Slovakia International

RSI airs at 1030 UTC on 9955 kHz Tuesdays-Saturdays. Sundays and Mondays, listen at 0300 UTC.

Voice of Russia (er, make that RIA Novosti...) WRMI airs *From Moscow With Love*, hosted by Vasily Strelnikov and Natalia Stefanova. *From Moscow With Love* is best described as a features show with a healthy dose of Western wit, and includes tourism and cultural notes on Moscow. Listener dialogue is also part of the mix. I believe this is the only RIA Novosti program to be offered on shortwave (please let me know if I am in error). *From Moscow With Love* airs at 0400 UTC Tuesdays.

Radio specialist programming

Don't forget that WRMI also airs AWR's *Wavescan* and Glenn Hauser's *World Of Radio* at various times during the week. Some of the non-9955 kHz airings - 9955 kHz is often jammed even when English is programmed - include, for *Wavescan*, 1000 Thursdays 5850 kHz; *World Of Radio*, 2130 Fridays on 7570 and 15770 kHz; 2300 Sundays on 11580 kHz; 1000 Sundays, 5950 kHz.

WRMI's *Viva Miami* airs Saturdays 0430 on 5985 kHz; Tuesdays 1000 on 5850 kHz; and 2115 Wednesdays on 7570 and 15770 kHz.

BBC World Service

Sometime on Christmas Eve should yield the *Festival of Nine Lessons and Carols*

from King's College; no time is yet shown for the World Service, though the program is already being shown on the domestic Radio 4 schedule. One would also expect to hear the *Queen's Christmas Broadcast to the Commonwealth*, an annual tradition since 1952, also to be on the schedule.

An interesting upcoming documentary is *Number Crunched - Colm O'Reagan's Story Of Capitalism*, the stand-up comedian's own perspective of what people understand about capitalism today. Colm enlists the help of participants at the annual Kilkennomics festival of economics and comedy in Kilkenny, Ireland. Airtime shown is Tuesday December 9th at 2030 UTC.

Also, *Greyhound 100*, marking the 100th anniversary of Greyhound Bus; Laura Barton sets off on an unplanned journey and focuses on the collective imagination and romance of bus travel, along with what it's really like nowadays. Airtime shown is Tuesday December 16th at 2030 UTC.

That's all for this month...Happy Holidays and best of listening in 2015!

73 DE Richard



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.



WANTED: Galaxy R-350 receiver. Mint condition if possible. Stanley Cabal, 2254 62 Avenue, Oakland, CA 94605. Phone 510-562-0632.

International Broadcasting

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

Shortwave replaces SW-replacement Worldspace

Listeners around the world tune in VOA Radiogram broadcasts on a variety of devices, from expensive transceivers to low-end shortwave portables. Some listeners have tried unusual receivers, such as Soviet era military equipment and very early (1950s) Japanese-made transistor models. In all cases, the strange sounds of the MFSK32 tones are patched into a PC and decoded successfully by the Fldigi software.

Klaus in Germany recently received VOA Radiogram using a year-2000-vintage Hitachi KH-WS1. Remember that one? Probably not. It was one of the rare Worldspace receivers, designed to receive radio channels from the Worldspace Afristar and Asiastar satellites, launched in 1998 and 2000 respectively. Worldspace described itself as a replacement for shortwave in providing information and entertainment to the developing parts of the world. For various reasons, Worldspace did not catch on, and the company descended into bankruptcy in 2008

In addition to its L-band satellite coverage, the Hitachi KH-WS1 can also receive FM, medium wave, and two bands of shortwave: 2.3 to 7.3 and 9.5 to 26.1 MHz. Klaus received VOA Radiogram on November 15 at 1600-1630 UTC on 17860 kHz via Greenville. He had 100% copy of the MFSK32 text and good quality on the MFSK32 images.

So, here we have an example of shortwave replacing Worldspace, which was created to replace shortwave, using a radio that was designed primarily for Worldspace, and only secondarily for shortwave.

Worldspace in its afterlife

After the bankruptcy of Worldspace, the winning bidder for the company's assets

was Noah Samara, founder of Worldspace. Samara's new company is Yazmi (yazmi.com). On November 14, Yazmi announced "a new e-learning scheme using the first satellite-enabled tablet, called Odyssey ... to deliver content via satellite to rural, remote and low income regions in Asia, Africa and the Middle East."

Content is delivered using the original Afristar and Asiastar satellites. According to the Yazmi website, the satellites "are expected to have at least 6 more years of active service life and likely much more. The key components all have backups onboard, and none of those components have been switched to the backup one yet." Nevertheless, "Yazmi has already begun the initial stages of procurement for next-generation satellites."

Reading further in the Yazmi FAQ, we learn that not all content will be available everywhere: "Government customers receive access to the closest Yazmi satellite and send files or live streams via the Internet to our uplink stations. The uplink station sends the data to the satellite and the satellite broadcasts the data on a specified channel. The tablet has an integrated receiver module and is set up by the customer to be able to only access that government's downloads and for other criteria such as grade, location, language of instruction. The satellite broadcasts data files but only those receivers permitted to receive a specific file can receive it."

And, finally, the FAQ points out the big difference between the Internet and RF broadcast delivery, whether terrestrial or satellite: "Like radio or TV, a theoretically unlimited number of Yazmi tablets can receive data from the satellite and each tablet downloads at the maximum possible speed, regardless of the number of simultaneous tablets receiving the data."

The (2014) launch of Sputnik

Sputnik, a new Russian “media brand” was launched on November 10, 2014. It’s the successor to the Voice of Russia, and therefore has lineage going back to Radio Moscow.

According to its sputniknews.com website, “Sputnik radio broadcasting will operate in 30 languages in 2015, for a total of over 800 hours a day, covering over 130 cities and 34 countries.” The technology to be used to reach these cities and countries is not specified. There is nothing in the website that looks like a schedule, terrestrial or satellite.

“Sputnik produces its own multimedia content and broadcasts in: Russian, Abkhaz, Azerbaijani, Arabic, Armenian, Chinese, Crimean Tatar, Dari, English, Estonian, French, Finnish, German, Georgian, Hindi, Kazakh, Kyrgyz, Latvian, Moldavian, Polish, Portuguese, Pashto, Spanish, Serbian, Turkish, Tajik, Uzbek, Ukrainian, Japanese.”

But sputniknews.com does not have a portal to these languages. I went back to the Voice of Russia website, ruvr.ru, and selected Spanish. That took me to a derelict *La Voz de Rusia* website, which pointed me to the RIA Novosti Spanish site, sp.ria.ru, which is still being updated as of the time I type this. So it would appear the Sputnik media brand has yet to roll out in languages other than English.

For fans of Vasily Strelnikov, who also has lineage going back to Radio Moscow, his, and Natalia Stefanova’s, current program, “From Russia With Love,” is still part of the Sputnik Radio lineup. The URL is sputniknews.com/radio_from_moscow_with_love. Find the November 14 program to hear Vasily having some fun with the various name changes of Sputnik Radio predecessors, including “Radio VR.”

Meanwhile, in the other direction...

International broadcasting into Russia is just as difficult as ever. The Russians have largely fallen out of the habit of listening to, or even owning, shortwave radios. VOA, RFE/RL, and BBC content has been disinvented from domestic Russian radio and television channels. Satellite TV viewing in Russia is mostly limited to proprietary domestic systems such as NTV and Tricolor, which are very regulated by the Russian government.

The Internet is popular in Russia, and international broadcasting websites have so far not been blocked by Moscow. The BBC Russian website is the leader, peaking at 4 million visitors in March 2014, according to comScore. But that has dropped to below one million in October 2014. Has the Russians’ interest in news dropped so precipitously since then? Or are Russians forsaking Western broadcasters in support of their own country in the conflict involving Ukraine and points west? Perhaps the real reason is that access to Western news media websites is beginning to be squeezed by Russian authorities.

If that is the cause, and if the trend continues, perhaps shortwave could be called in as a workaround. BBC and RFE/RL might have to stimulate sales of shortwave radios in Russia by selling their own branded models, carefully selecting receivers offering a good compromise between price and performance. Of course, it would help if there are some shortwave broadcast transmitters left.

Views expressed are my own. See also voaradiogram.net.



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

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

Shortwave Center

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

Happy Holidays to all NASWA members! I don't know if most expect to see a new receiver beneath that tree, but in this era of retrenchment it's nice to find even a new station there. And that's what we lead with this month.

STATION REVIEW

Global24 Radio

An Early Assessment by John Figliozi

Perhaps the most significant positive event of the past twelve months in shortwave broadcasting, running counter to the serial contractions the medium has experienced over the recent past, was the acquisition of the Okeechobee, Florida transmitting facility formerly owned by **Family Radio** by **WRMI—Radio Miami International**.

Gaining control and use of such a major North American site—twelve 100 kilowatt senders—led many of us to speculate just what Jeff White, Okeechobee's new owner, would be doing with this new capacity. He likely was not found wanting for "helpful" suggestions from SWLs and DXers.

Of necessity, any such plan that might ever be in the works would have to be held closely until it became clear it actually would materialize. Lo and behold, one did, when it was first announced on October 21 that on October 31 at 2300 GMT Global24 Radio would debut on air on 9395 kHz.

The station's inaugural press release stated, "Our broadcast will appeal to dedicated shortwave listeners (SWL) all over the world looking for breaking news, opinion and music. **Global 24** aims to revitalize the shortwave medium by bringing general interest news and entertainment into sharper focus for listeners looking for high quality programming on a daily basis."

It seems a good time now, one month into the effort, to offer an initial, preliminary

assessment as to just how well Global24 Radio is doing in meeting its professed mandate.

Good Variety

In its early efforts, **Global24 Radio** appears to be casting a most welcome wide net. There is political programming, but the schedule is not dominated by it at all and it includes a daily spectrum from *Democracy Now* to *Sons of Liberty*. There is a range of music from rock to jazz to blues to classics.

International broadcasters that used to be on shortwave to North America have been brought back - including **Radio France Internationale**, **Channel Africa**, **Radio Prague** and others via relays of the World Radio Network's North American stream.

Glenn Hauser's World of Radio gets several airings. Keith Perron's growing repertoire of programs under his **PCJ Radio International** production studio umbrella can now be heard here. And some happy surprises have popped up such as a special revived July edition of the **Swiss Shortwave Merry-Go-Round** featuring the "Two Bobs"—Thomann and Zannotti—and the latter's **Switzerland in Sound**.

It has been obvious in the early going that **Global24** is serious about keeping its commitment to meet the widest possible variety of listener tastes with its programming.

Challenges

This is a most refreshing shortwave listening experience, to say the least, especially after the series of disappointments we've experienced over the last decade. Phil Workman and his staff (if, indeed, he has one) deserve full marks for coming out of the gate in such an impressive manner.

However, as much as one would want to just state the positives and then go home and turn on 9395 kHz., it has to be pointed out that commercial shortwave efforts in the past have not had a track record of success.

Because there has never been an acknowledged trusted method for measuring shortwave audiences, commercial shortwave stations in the past could not effectively or profitably sell advertising. The latter either departed from the scene or morphed into contract broadcasters where evangelical religious or fringe political movements who could pay their own way eventually almost or entirely wholly occupied the schedule.

EQUIPMENT REVIEW

GAP HEAR IT - In Line Module

by John Cooper

I originally became interested in the **GAP HEAR IT In Line Module** when I received a copy of *Radio User* magazine from England along with an antenna I had ordered from **Wellbrook Antennas** last year. With work and the holidays I forgot about it for quite a while until about two months ago when I was looking for radio voice/audio enhancers on line. I came upon the GAP Website and read more about the product. I researched several Ham websites for reviews of this module and generally found it had mostly positive reviews. I thought to myself that this could be a help for Shortwave Listeners too since we listen to mostly voice communications. I don't know about you but I get a lot of QRN and for some stations and this can make DXing very difficult.

It's difficult to chart how Global 24 overcomes the real challenges that others couldn't. Maybe casting a much wider net than those earlier iterations did and targeting the kind of listener that shortwave traditionally attracted is the right formula? Perhaps a subscription/membership model, such as is used with public radio, can provide enough financial support to buttress the effort.

Furthermore, shortwave being what it is, the single frequency around the clock approach that Global24 has at least initially adopted, may not be the best way to maximize an audience (though it probably somewhat limits the expense of broadcasting).

There are some rough edges to smooth over - for example, I'm hearing Carly Simon sing "You're So Vain" too many times during gaps between programs. Nonetheless, it's early days and those bridges are easy to improve.

Global24 Radio is off to a great start and, in my book, has already demonstrated that it deserves our support—both moral and financial.

I ordered the Module from **Universal Radio Supply** and about five days later it came in the mail. It is quite easy to hook up. It has a line in/out socket, an audio line in/out socket on the left side of the unit, and it has a headphone socket on the right side. The power supply connects to the top of the unit and is provided by the user. The set does not come with one. It takes a 12-24 V DC 500 milliamp power source.

I hooked mine up to a pair of computer speakers I have hooked to my laptop with the audio in hooked up to the headphone socket on the laptop. You do have to make sure the connections are secure as they can be a little quirky as noted in reviews on e-Ham.

Once it was hooked up it was time to try it out. I tuned my receiver to 15515- **Radio**

Australia at 2010 UTC. Normally this frequency has a lot of QRM and comes in with low signal strength during this time at my **Radio Shack**.

I turned on the power switch and immediately noticed an increase in volume. (This volume level would be comparable to what I would normally hear if I did not have the unit plugged in as I ran a test on this.) The next step was to turn on the Noise Cancellation switch and use the rotary dial to control the DSP Filter level. The setting was at 5, which is the middle setting. There are also two primary dials, an Input level that has a red LED if you are overloading the signal and a green LED that shows you are at the proper level. It has a control with a smaller dial for the line out level.

The sound sounded kind of like it was under water so I backed the level down from a 5 to a 4. This cleared it up better but I could still not understand the audio I was hearing due to the weak signal I was picking up. I switched frequencies to 15420- **WBCQ**, which has minimal static/noise and had a woman preaching who has a very monotone voice. Switching on the Noise Cancellation switch completely cleared up all static and noise on this frequency making it come through perfect. At 2036, I tuned in 15130- Radio Japan from Issoudun in France, which has a medium amount of static and a fairly strong signal. Turning on the NC switch made a definite improvement to the voice

audio. The static was eliminated and the voice came through very clear. I then waited till later on in the evening and went to 15335 Singapore and the BBC at 0055 UTC. This station always has static at my listening post. I turned on the DSP and the static went away. I was able to listen to the broadcast and understand what was being said.

I tried several more stations with the same positive results for each one that had static/noise. Out of 10 stations I used the Module on, 8 showed definite improvement, 2 showed little to none but those 2 had very poor signals to start with.

Teaming up the module with a quality pair of noise reduction headphones such as the Bose Quiet Comfort 15's I use makes a very noticeable difference and I am glad I purchased it. Even when not using the headphones it did show good results on lowering the static/noise level. The only drawback for the module is its price, which I found to be high.

In conclusion I must say that the **Hear It In Line Module** is pretty good at dropping static/noise levels and making stations come in clearer. Of course if the station has a weak signal this module will not help. It does clear up noise and static which is important to me as a DXer especially if I want to confirm a station or make sure my logs are accurate. It does drop the hearing fatigue I often get when trying to decipher a station through a lot of noise or static.

VINTAGE RADIO COLLECTING

Buying Radios on eBay

By David Harris mydogisfinn@gmail.com
(British DX Club)

A couple of years ago I decided to get back into short wave listening but realised that to fully appreciate the hobby I needed to upgrade from a world band radio to a communications receiver. I bought a copy of Radio User magazine and looked through the adverts for a suitable receiver. However the idea of paying £500 - £600 for an entry level radio such as an Alinco DXR8E or AOR

AR8600 seemed a bit steep. I am sure that these are very fine radios but I did not want to invest that amount of money.

I started to look at eBay and began to develop a picture of the second hand communications receiver market. To view what is currently on offer log onto www.eBay.co.uk and in the box at the top of the screen type in "Communication receiver" and then click on the Search button. This should then bring up a listing of between 150 -200 entries includ-

ing new radios, second hand radios being sold at a fixed price (this is known as "Buy it now") and other radios which are being sold by auction. The second-hand radios sold can be divided into two categories:

Collectors' radios – These are radios mainly built from the 1940's to 1960's. These are very heavy valve radios, which were often made for military or marine use. The radios command quite a premium but the ease of operation and performance may not be up to modern standards. I think one would also need some ability to be able to repair such a radio. Typical of such radios are the highly esteemed Eddystone radios, which were considered the Rolls Royce of communications receivers in their time. These British made radios are very collectable and good condition models sell for up to £200. If you are interested in Eddystone then there is a very good website giving full details of all of their models. <http://www.eddystoneuser-group.org.uk/>. One may also see World War II radios such as the RCA AR88 and ships' radios being offered for sale. I feel that if you had a big radio shack it would be interesting to have a collectors' radio on display for occasional use. However for day to day listening I would recommend a listeners' radio.

Listeners' radios – These are radios that are more likely to be of interest to Communication readers. They are built from the 1980s up to the present and will have digital tuning, memories and be reasonably compact. The main brands to look out for are Yaesu, Trio/Kenwood, Icom, Lowe and Realistic. To get more information on a particular model try the excellent website <http://radiopics.com/> which has pictures, specification and in some cases downloadable manuals for many hundreds of communication receivers, world band radios and scanners. Reviews of many communications receivers can be found at <http://www.eham.net/reviews/products/8> and at http://www.mwcircle.org/mw_rec.htm.

The next step is to draw up a shortlist of what type of radio one wishes to obtain and then look out for a suitable model and place a bid. With eBay you can state your maximum bid and get emails informing you

if you have been outbid. It may take several weeks before you secure a radio at a price you are willing to pay.

In my view the most widely available communications receiver on the second hand market is the Realistic DX 394 (photo from <http://www.radiopics.com/>). There can be up to 10 of these models available on eBay at any one time at prices ranging from £50 - £125. This radio was made in the early 1990s and was sold by the electronics chain Tandy who had shops in many towns. In the United States it was known as Radio Shack. The DX 394 sold new for £160 (according to MW Circle) and must have sold in fairly substantial numbers.

The DX 394 was my first choice and after a few weeks bidding I was able to purchase one in good condition for my target price of £50. I have now had over two years' service from this radio, which I can highly recommend.

Another entry-level communications receiver which can sometimes be found on eBay is the Target HF3. These can still be obtained new from yacht chandlers as they were mainly designed for marine use. A new one costs around £175 and second hand models go for about £80 on eBay. I think they went out of production some years ago but a number of yacht chandlers seem to have new models in stock.

One tip I can offer to eBay buyers is once you have decided on your radio, type in the model name into the eBay search facility. You may find that some radios are listed under different categories such as ham radio or short wave receivers. It might be possible to find a bargain that way.

One has to factor in postage and of course no seller offers any sort of guarantee. However eBay has a reputation to protect and sellers of poor repute are likely to get poor reviews. I also bought a scanner through eBay, which has given good service. In conclusion, eBay does offer a very wide range of second hand radio equipment at very competitive prices enabling people to upgrade without the substantial cost of purchasing a new communications receiver.

To Be Where the Audience Is: Report of the Special Committee on the Future of Shortwave Broadcasting (Part 3)

[Editor's Note: The Broadcasting Board of Governors' August 2014 white paper, "To Be Where the Audience Is: Report of the Special Committee on the Future of Shortwave Broadcasting," offers insight into the reasoning behind emerging BBG—as well as other broadcasters'—policies. Inasmuch as the paper has important ramifications for our hobby, The Journal is presenting excerpts from the report in installments over several months. This series began in the October issue. Feel free to share any comments or reactions to the report with other members through the Musings section of The Journal]

Shortwave as a Method for Overcoming Censorship

The Committee assessed the effectiveness of using shortwave as a means for overcoming censorship or outright interdiction of other content distribution platforms. We must accept that there is no foolproof methodology for content to reach audiences that cannot be censored, interfered with, or even completely blocked.

In those countries where open and free information is anathema, regimes use a wide range of methods to censor or interfere with the distribution of content, ranging from taking physical control of point of origination, including reporters and studios, to obstructing distribution pathways, such as broadcast towers and telecommunication links. We recently witnessed some of these scenarios in places like Crimea and Eastern Ukraine. Interference with cross-border radio signals can be made by transmitting noise or other content locally on the same frequency.

Local regimes may interfere with television and radio signals from satellites either by up-linking a signal to the satellite with exactly the same set of technical specifications of the targeted channel (often called double illumination) or through more brute force disruption of an entire set of signals that often affect many channels at once. Due to the enormous collateral economic impact of these activities, these measures

have come to be widely condemned by most nations and therefore have become methods of last resort mostly used by either rogue regimes or failed states dealing with tremendous political or military crisis.

To avoid the political consequences associated with interfering with a shared resource protected by ITU regulations and located outside of their sovereign territory, such regimes will occasionally deploy local, ground-based, interference that disrupts satellite radio and television signal distribution in a specific neighborhood or suburb.

Telephone networks, including mobile distribution, can experience interference through direct interference with any of the physical distribution architecture (e.g. central offices, local switches and/or towers), as well as via signal interference in specific locations.

Finally, Internet-based distribution can be interfered with through a variety of means, including physically blocking international or regional gateways through redirection of specific Web addresses, either to alternate addresses more acceptable to the censoring regime or to dead-ends from which there is no response (commonly referred to as "sink-holing"). Other methods include highly targeted removal of specific topics while allowing anodyne content through, blocking of specific types of traffic (i.e. encrypted sessions), and even highly sophisticated low level traffic analysis that attempts to identify the identity of the end user, the content

of the traffic, or the targeted address (“deep packet inspection”).

In the past, with a very limited number of cross-border transmission media, the only way to respond to deliberate interference was to effectively escalate the number and power of frequencies aimed at the target audiences in the hope that, eventually, one would overwhelm the ability of the targeted country to block so many powerful signals. It takes far more power to place a broadcast-quality signal in a distant location than it takes to locally block or even completely replace that signal. With specific targets, the BBG has in the past deployed as many as fourteen simultaneous frequencies into the same market only to see each and every one of those frequencies jammed within minutes.

Today’s multi-channel distribution strategies work on a completely different level, making signal interdiction a far more complex, expensive, and internally disruptive proposition. Rapidly expanding and extremely inexpensive Direct-to-Home satellite distribution, ubiquitous mobile phone ownership, and the increasingly economical imperative of providing one’s population with universal access to the Internet have combined to create a media environment where only the most repressive and economically stagnant regimes can effectively control foreign content consumption within their borders. In order to reach audiences in this complex media environment, the BBG must continue to play a game of “cat and mouse.” When interference is detected on one channel, the BBG quickly moves or surges to other mediums. If a television or radio affiliate carrying our content is shut down, we must shift to the appropriate replacement medium, including satellite or the Web. If the Web is blocked, including one of our sites, we surge awareness of our existing and proven circumvention tools and programs.

Overcoming signal interference and interdiction is costly. The BBG continually explores new ways to overcome this censorship, while also pro-actively educating our audiences on the existence, purpose, and use of the tools

and programs that will provide them access to the information they need.

While there is long-standing awareness of interference with radio and satellite distribution, the past three to four years have demonstrated the power of governments to interfere, even shut down digital communications. In high profile cases in Syria (Nov. 2012, May 2013, Feb. 2014 & March 2014), Egypt (Feb. 2011), Gambia (March 2014), Sudan (Sept. 2013) and even recently in the Central African Republic (June 2014), critical digital and mobile services were shut down.

While these events were very public, it is not widely known that the digital and mobile services were quickly turned back on by the same people that shut them down.

In Syria, Internet and mobile service blackouts have been more frequent than in most countries. It is difficult to identify which blackouts were caused by damage from the conflict and which were deliberately caused by the Assad regime or by enemies of the Assad regime. For example, on March 20, 2014, starting at 12:26 UTC, 84 networks (95% of the country’s capacity) experienced an outage in Syria. According to the Syrian government-owned news agency SANA, the outage was caused by “a breakdown in the optical fiber cable in Damascus.” Service was restored seven hours later. The longest blackouts were in November 2012 (nearly 48 hours) and May 2013 (19 hours).

The Committee found that Internet blackouts, in general, followed a similar pattern. When a country shuts off the Internet it quickly, and quietly, turns it back on. One of the most common reasons is that the blackout was designed to thwart or hide a specific event, such as a regime military operation or a popular mass protest. Another reason is that the Internet, despite the best efforts of some countries, has become a critical backbone to the economic, communication, and social infrastructure of a country. A government, even one in open conflict, must continue to conduct business, and a significant portion of today’s business requires constant access to the Internet.

Despite efforts by these regimes to curtail access to information via modern methodologies, populations continue to gravitate to them because of both the richness of content available and the opportunity for interaction that so many repressed populations desperately want.

In Iran, systematic efforts to confiscate and destroy satellite dishes have rapidly been followed by the installation of even more dishes, to the point that the Iranian regime now openly acknowledges that large swatches of the population regularly watch foreign “prohibited” content distributed by foreign broadcasters such as VOA, RFE/RL, and the BBC.

The increased efforts at information filtering, traffic restrictions, and identification and prosecuting of Chinese web users has not resulted in lower number of attempts to circumvent these measures but rather a tremendous growth in the usage of BBG-sponsored tools. These tools, including Ultrasurf and Psiphon, routinely serve billions of hits each day to populations on the Chinese mainland.

There is no evidence that, even in the midst of complete cutoffs or natural disasters, repressed populations revert to the usage of legacy platforms such as shortwave. The evidence demonstrates audiences continue to use their existing technologies, such as TV or FM or Internet, or seek out anti-censorship tools, including Internet circumvention to private chat software to thumb drives and DVDs that all enable access to the desired content sources.

Assessing Audience Use of Shortwave

The Committee sought to develop an understanding of the size and demographics of the shortwave audience, the countries where programming is consumed over shortwave, and shortwave’s contribution to the BBG’s overall impact. The research indicates that listeners are heavily concentrated in only a few countries or markets. There are sixteen markets in which shortwave accounts for more than 10 percent of the

local BBG audience, and approximately 80 percent of the global shortwave audience is in five countries.⁹ Moreover, evidence for the decline of shortwave’s contribution to the BBG’s audiences continues to accumulate. New data from Bangladesh, for example, indicates that the percentage of VOA’s Bangla audience relying on shortwave has declined from an already low 17 percent in 2012 to 5 percent today.

Almost by definition, the majority of the BBG’s target markets are in environments that make accurate understanding of consumer behavior difficult, with many very challenging to measure, such as Cuba, Tibet, and North Korea. These denied environment markets are not easily accessed and surveyed. When we can collect data, it is often anecdotal, collected via exit interviews with travelers or people escaping the regime. In most cases, there is little to no need for the BBG to intentionally place its networks and their content in countries where media use and impact are reliably measured. In such markets, the use of shortwave is demonstrably low, to the point of being immeasurable among our target demographics, due to the availability of and preference for other means of delivery. As a result, the Committee must rely on anecdotal or qualitative data, consider historical trends based on the quantitative data we are able to collect, and monitor listeners’ behaviors. This is especially true in the case of shortwave use.

The research suggests that there is an inflection point, or sunset period, for shortwave in every market. Audiences tend to migrate to other more convenient and accessible means of delivery as relevant content becomes available through other media. Kenya serves as a solid example of this trend. The media market in Kenya has grown richer and more competitive over the past ten years, with many FM stations coming on the air and more widespread access to television. At the same time, weekly use of shortwave (to receive any content, not just BBG materials) has declined from 46percent of adults surveyed in 2003 to just 5 percent in late 2013. As recently as 2011, half of the sample still claimed to own a shortwave radio, but just 14 percent

were using one weekly, suggesting that it is the availability of high-quality content on preferred platforms that is responsible for the decline, not any inability to access content on shortwave. A number of other examples of this trend are shown in the chart included in Appendix E.

Audio programming—music, news, call-in or talk, storytelling—remains a vital medium around the world and continues to draw significant audiences. The proliferation of choice, the convenience of new technology platforms, and the relevance of local content have created an effective competitor to traditional long-format radio. Again, we have seen significant audience shifts away from the broad, long-format, low audio quality content found on shortwave and suited for shortwave to intimate, local, convenient content formats. This shift is exemplified by the move to AM, then FM (driven by local news and higher quality music), as well as the growing popularity of podcasts (on-demand), and now mobile streaming (broad selection, on demand, social). Put another way, audiences of all ages are turning away from thirty or sixty minute programs in favor of highly programmed, segmented and on demand content. Traditional formats of straight talk, long-form news programs or news readers are losing to sophisticated programming that offers a mix of well-segmented streams, segments and formats.

The BBG is completing a strategic review at the country-level to develop goals, performance metrics, as well as sharp audience statements for FY 2015. The Committee utilized these audience statements in countries where shortwave is currently used as a distribution channel to assess shortwave usage by primary targeted audience(s). The core questions the Committee considered were “Was the audience that utilized shortwave as means for accessing news and information content a strategic audience for the BBG?” and “Did that audience have a more preferred or viable alternative(s) to access BBG content?”

As an example, this is the audience statement from Russia: “The BBG target audience consists of active, digital consumers of all

ages but with a focus on 20-45 year olds. They are generally well educated and urban, and they have the potential to be change agents on a large or small scale in society. Most are open to information that offers a different perspective on a wide range of political, social, civic, cultural and human rights issues that are not reported by other news outlets.”

However, in a number of countries there are audience segments that the BBG specifically aims for with shortwave. For example, the shortwave target audience in Lao (similar for RFA and VOA): independent minded Laotians and Laotian officials, primarily in rural areas too far from the Thai border to be reached by cross-border FM.

When the Committee reviewed these audience statements it could assess the usage of shortwave as a key means of delivery and determine whether there were other channels that were more effective or preferred by the audience to access news and information.

It should be clearly noted that the small size of the shortwave-using population in many of the BBG’s markets makes it nearly impossible to undertake the sort of statistically reliable analysis that would enable the Committee to ascertain whether the remaining pool of shortwave users has any characteristics that would fit the BBG’s strategic audience targets. This is a general challenge of the BBG considering the regions in which we operate. Where only fragmentary analysis is available, it suggests that shortwave users tend to be both more rural and older than the population as a whole.

There were only a few markets where BBG research found a sufficient number of shortwave radio users to draw any statistically sound conclusions about the ways in which they differ from the general population. In a set of markets where there were enough users to draw distinctions (Burma, Nigeria, the Democratic Republic of the Congo, and Afghanistan), shortwave radio users are more likely than the general population to be male, live in rural areas, lack access to television, and express a high level of interest in political news. Their interest in

political news, in particular makes them a desirable target for international broadcasting content.

Nigeria is another special case. While shortwave use has experienced rapid decline (dropping from 25% weekly in 2012 to 15% weekly in 2014), it remains notably higher among Hausa speakers – 31 percent weekly. Hausa speakers are an important target for VOA broadcasts – they live primarily in the North, where the terrorist group Boko Haram operates – and shortwave remains an extremely effective method to reach this population.

Interviews with traveling Tibetan monks suggest that they use shortwave radio and satellite television to receive information from BBG networks, information they then share with other Tibetans, thereby dramatically increasing the reach and impact of the programming. In the case of highly repressive Eritrea, which the BBG lacks research data for, information on media usage in similar neighboring countries suggests that shortwave could be effective; however, the Embassy indicated that there is “absolutely no demand for SW in Eritrea.” The post also stated that satellite TV is widely available.

The Committee found that, in large measure, the profile of shortwave users is not well-aligned with the target audiences that most BBG networks are trying to attract and that these users generally had viable alternative means in accessing USIM content. The Committee’s review of target audiences, and their likely preference for and access to a variety of mediums, indicates a sharper than expected reduction in potential impact of shortwave and thus a reduced relative value of shortwave to the agency.

Cost of Shortwave

At present, the fixed costs of operating the BBG’s network of shortwave transmission stations exceed \$32 million. The specific costs associated with the actual transmissions (e.g. electricity, diesel fuel, and consumables, like tubes and capacitors) exceed \$11 million, with the remaining costs allo-

cated to the operation of the transmission facilities themselves.

Unlike other technologies where expenses such as maintenance and technology refresh decline over time, the cost of maintaining these transmitters continues to rise as the equipment and antenna fields age. The declining number of other broadcasters also reduces the demand for and thus supply of spare parts for equipment that is decades old.

The Committee studied the impact of maintaining and updating shortwave transmissions in the context of the medium’s effectiveness and ability to reach our target demographics, as well as the opportunity costs in today’s limited budget environment. Naturally, as ineffective transmissions are eliminated, the fixed costs per actual transmission hour of the remaining broadcasts will increase. Identifying the “price/performance” ratio should never be a definitive rejection or acceptance of shortwave or any other medium, but it is necessary to know when prioritizing requirements and capabilities in support of U.S. foreign policy.

The Committee did consider that operating costs could be slightly lowered with a substantial investment in modernization of transmission equipment. However, the Committee does not believe this investment, which would require a substantial appropriation from the Congress and additional investments across the BBG, would be commensurate with the current or future impact of either shortwave or DRM, which modernization could include.

The Committee also examined opportunities to reduce the size of the BBG’s transmission station network. In this analysis, several factors were considered, including: whether some broadcasts are only permitted from specific stations; whether some stations also have satellite downlink and uplink duties; whether overall costs vary greatly between stations; and whether a station will be best positioned to serve key remaining shortwave audiences. Station closings can take up to a full year, with fixed cost savings accrued in the following year. 

Listener's Notebook

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Times are UTC and frequencies in kHz.

ABKHAZIA 9 and 10 November Abkhazian radio again came out on SW 9535 kHz with the same program, which is broadcast on SW 1350. November 9 is seen in the Abkhazian language program from 0510 to 0555 1350 and 9535, and after about only in Abkhaz. November 10 transmission began in 9535 at 0450 and 1350, but with the program Auto Radio Sukhumi, and 0455 girlish choir sang a song in the Abkhazian language, mentioning the word "Auto Radio Sukhum" about. The "Apsua Radio" (Abkhaz Radio) 1350 noted in November daily from 0350 (sometimes 0450) to (approximately) 0620. Then take a break and with 1350 (sometimes 1455) translates to 1555. Programs and news in Russian and published irregularly marked 0530-0540, 0607-0614, 1507 (or 1510) - 0510. (Rumen Pankov-Bulgaria/RUS-DX)

ANTARCTICA 15475.95, *LRA 36, R Nacional Arcangel San Gabriel*, Base Esperanza, 1920-2134*, Oct 20-24, comments in Spanish and songs. Comment about Spanish singer Enrique Iglesias, "doble disco de platino en México, disco de platino en Argentina, nº 1 en 23 países", songs by this singer, at 2002 ID: "Transmite LRA 36, en Base Esperanza", "Hoy es viernes en Base Esperanza", comments about Martin Fierro, at 2132 ID: "LRA 36, Radio Nacional Arcángel San Gabrile, desde Base Esperanza, sector antártico argentino, por la frecuencia de 15476 kHz, banda de 19 metros, transmitimos de lunes a viernes de 1530 a 1830 horario argentino". They announce schedule Mo-Fr 1830-2130. Good signal. 34323. (Giroletti-Italy and Méndez-Spain/DX Window)

BAHRAIN 9745, *R Bahrain* hrd 11/3 from Perseus site in Scotland from 2251 tune with nice signal but hvy co-channel QRM from Han Sheng Voice of Kuanghua - normally the Han Sheng xmtr is fading by 2200-2230 but not so today - remained very much in play past 2300 while Bahrain was fading between S2 and S4. Contemporary ME vocals with recorded program ID by man at 2253 as "98.4" fol by short Arabic anmts and back into music. Recorded anmt by man w/ echo at 2320.5 fol by man ancr in Arabic to 2321. SINPO 3V4/3/5/3/3. The "98.4" I

believe refers to a relay of the Shabab (Youth) FM bcst which would explain the contemporary style music. (Bruce Churchill-CA/DXplorer)

BANGLADESH 15105, *Radio Bangladesh Betar* - Dhaka, Nov/02/14 1235 UTC EE PR-FR // to live web feed for news...but web feed news appeared to be a Taped version that starts when you go to the webpage, not in direct //. Same Female reading same news however!! Female with EE News Items @ 1235 Tune In. String Music Interlude. Local Vocal Mx 1247-50. Female spoke 1250-55. Instrumental Music to 1259. Female with ID and off air @ 1300. (Robert Ross-Ont/DXplorer)

BOLIVIA 4409.80, *R. Eco*, Reyes, Beni; at 2315-0010 on Nov 4; rancheras & Romantic LA mx ID: "95.5 FM..., Radio Eco..." prgm of Comunicados ("servicio social de mensajes"). 22222. (Pedro F. Arrunátegui-Perú/DXplorer)

BRAZIL 4815.00, *R. Difusora*, Londrina, PR; at 2255-0002 on Nov 10, barely audible; mx; nx, improving sigs at 2325; ID: "Difusora... Difusora noticia"; "Difusora Noticia", news. 22222. (Pedro F. Arrunátegui-Perú/DXplorer)

5015, *R Cultura*, Cuiaba, MT, 1110, Oct 16, music with Debora Miranda, program from IPDA, 55444. (Wyllians in HCDX). Not reported since Mar 2014. (Ed/DX Window)

5970, *R Itatiaia*, Belo Horizonte, MG, 0216, Nov 01, slow romantic pop songs, short anns in Portuguese, 43443. (Bell-South Africa/DX Window) Also heard at 0606-0635, Nov 03, Portuguese comments, "Minas Gerais", ID: "Itatiaia". Good signal all days in Playa Blanca. 34433. (Méndez-Spain/DX Window)

6000, *R Guaíba*, Porto Alegre, RS, 0100, Nov 09, anns in Portuguese, music clips, ID, 42333. (Bell). Still heard at 0730-0750, Nov 03 and 04, Portuguese news, "5 y 32", "bo día", at 0735 Brazilian songs, ID: "Rádio Guaíba", 24322. (Méndez-Spain/DX Window)

6010, *R Inconfidência*, Belo Horizonte, MG, 0215, Nov 01, slow romantic pop songs, short ID, 45444. (Bell-South Africa/DX Window) Also heard at 0701-

0718, Nov 03, Portuguese program "Tren Caipira", "Agora 5 y 15, Tren Caipira, o som da nossa terra", 24322 // with 15190. (Méndez-Spain/DX Window)

BULGARIA 5905, *European News Network* (EUNN) with studios in Cyprus and transmitter in Kostinbrod will change frequency from Sa Nov 22 for its weekly broadcast to Europe in English at 1845-1900. The frequency will be 5905, ex 5925 due to severe QRM. (EUNN Facebook Page via Ghibauda/DX Window)

CANADA Just tuned in to hear *CFRX* is back on 6070 at 2245. (Chris Lobdell-MA/DXplorer) Coming in good here in North Chelmsford, MA, 6070 @ 2309. Thanks Chris. (John M. Fisher-MA/DXplorer)

6030, Calgary - *CFVP* relaying CKMX (AM 1060), 1318 and subsequent checking till 1436 on Nov 10; pleasantly surprise to find CNR1 still off the air here, giving me a nice chance to hear this low powered (100 watt) station in the clear; comedy segments along with many ads (Home Depot, Smartphones, Konig Motors, Alberta Chevrolet, "5 Star Auto Glass" for windshield replacements, etc.); fairly readable. (Ron Howard-CA-USA, wwdxc BC-DX TopNews Nov 11)

CHINA 6200, Xizang with fair signal from just after 1200 on Nov 6, will watch this fqy for Jinling at bottom of hour. Have finally remembered to watch for that, in time to act on the idea. (Ralph Perry-IL)

6200, Jinling abruptly on at 1232 on Nov 6 with huge signal. Then off after 10 secs. Then back in 10 secs and staying on. Morning nx program hosted by YL with jazzy mx bridges, remote reports. Excellent signal! So, they still sign on the same way — throw the switch, check, shutdown, and then take the air for good next. Should mention, Xizang is still there, weaker, until blotted out by Jinling. And when Jinling is doing their on/off deal, Xizang keeps getting revealed, momentarily. Most fun logging in a while — Jinling program with this hyper YL and the continuous mx bridging in and out, etc., is wild stuff! (Ralph Perry-IL)

CLANDESTINE New time and frequency of *Radio ERGO* effective from October 26

1200-1300 on 17845 DHA Somali, ex 17680 0830-0930 (DX Re Mix News, Bulgaria)

Changes of clandestine and other target broadcasts for B-14:

Radio Dialogue FM

1600-1700 on 12115 MDC English/Shona/Ndebele (DX Re Mix News, Bulgaria)

Frequency change of *Voice of Oromo Liberation* from Nov.2:

1700-1730 NF 17630 ISS Oromo Wed, ex 13810

1730-1800 NF 17630 ISS Amharic Wed, ex 13810

1700-1800 NF 17630 ISS Sun, ex 13810

(DX Re Mix News, Bulgaria)

Radio Inyabutatu:

1600-1700 on 17605 ISS Kinyarwanda Sat (DX Re Mix News, Bulgaria)

Radio Miraya:

0300-0600 on 9940 KCH English/Arabic (DX Re Mix News, Bulgaria)

Radio Assenna:

1700-1800 on 11720 ISS Tigrinya Mon/Thu/Sat (DX Re Mix News, Bulgaria)

Radio Eritrean Forum EYSC:

1700-1800 on 11720 ISS Tigrinya Tue/Fri/Sun

1700-1800 on 11720 ISS Arabic Wed

1800-1900 on 11720 ISS Arabic Sat

(DX Re Mix News, Bulgaria)

Denge Kurdistan:

0400-0800 on 9400 KCH Kurdish

0800-1200 on 9400 ERV Kurdish

1200-1600 on 9400 KCH Kurdish

1600-2000 on 9400 ISS Kurdish

(DX Re Mix News, Bulgaria)

Radio Xoriyo

1600-1630 17870 ISS Somali Mon/Fri

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 3)

Oromo Voice Radio, Raadiyoo Sagalee Oromoo

1600-1630 17850 ISS Oromo Mon/Wed/Sat
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews
Nov 3)

Sedaye Radioye Mehr Iran

1630-1700 15680 ISS Farsi Mon/Fri
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews
Nov 3)

Radio Impala/Radio Mara

1700-1800 17540 MDC Kinyarawanda/French
(Ivo Ivanov-BUL, via hcdx wwdxc BC-DX TopNews
Nov 5)

Radio Free North Korea:

1230-1330 on 9320 DB Korean
(DX Re Mix News, Bulgaria)

Frequency change of Radio Free North Korea:

1230-1330 NF 9330 Korean, ex 9320

15180, **Radio Hilaac**, via Issoudun, E-QLS in 3
months for e-report to marie-helene.havard@tdf.
fr. (Artur Fernandez Llorella-Catalunya/PlayDX)

15420, **R Free Sarawak**, via Palauig, the Philippines,
had its final programme in Iban on Nov 15 at 1000-
1230 after which SW broadcasts are suspended.
(Ivanov, Nov 19/DX Window) The station expects
to be back in 2015. (Radio Free Sarawak Website)

15540, **Voice of Tibet**, QSL in 2 months for
e-report to editor@vot.org, voteditor@yahoo.
com and info@vot.org. (Artur Fernandez Llorella-
Catalunya/PlayDX)

17860, **Voice of Khmer M'Chas Srok**, Dushanbe.
Haven't heard this one for a while but it came
through with a reasonably good signal in these
enhanced propagation conditions at 1145 with
pleasant Khmer vocal pop music then a recording
of a live speech at 1148. SF = 227, A = 11, K = 2, Oct
24. (Wagner-Australia/ARDXC)

17870, **Radio Inyabutatu**, via Issoudun, E-QLS in 3
months for e-report to marie-helene.havard@tdf.
fr. (Artur Fernandez Llorella-Catalunya/PlayDX)

COLOMBIA 5910, **HJDH Alcavaran Radio** from
Puerto Lleras, NOT HEARD in past 1-2 weeks, at
least not in 5-8 slot. (Wolfgang Bueschel-Germany/
DXplorer)

CONGO 6115, **Radio Congo** Brazzaville, QSL
letter in 2 years for last report sent to B.P. 2241,
Brazzaville, Republique du Congo. v/s Jean de Dieu
Oko, Directeur des Programmes. (Artur Fernandez
Llorella-Catalunya/PlayDX)

CYPRUS 5925, **European News Network**, via
Cyprus (p), *1845-1900* daily. A new station which
began broadcasting on Oct 31, the station reviews
European news items in collaboration with The
Famagusta Gazette – a newspaper based in Cyprus.
See: www.famagusta.com. Signal in the UK is only
fair, the frequency being co-channel to VoIRI
broadcasting 1820-1920 in Albanian via Sirjan.
(Ford-UK/DX Window)

EQUATORIAL GUINEA 5004.9, **R Difusion
de Guinea Ecuatorial**, Bata, 0430, Oct 13,
African music, 12222. (Giroletti-Italy/DX Window)
Reactivated – not heard since May 2014. (Ed/DX
Window) 5005, Radio Nacional, Bata (presumed),
0605-0615, 03-11, noted some comments but I can't
identified the language because very weak signal.
Other days in Playa Blanca silent in this frequency.
14221. (Méndez-Spain/PlayDX)

ETHIOPIA 5950, **Voice of Tigray**, Addis Ababa
(re-activated on Nov 02 after long absence), *0300,
Nov 02, vernaculars, Horn of Africa songs, 55544.
(Pankov-Bulgaria/DX Window)

6030, **R. Oromiya**, Addis Ababa, at 0321 and
subsequent checking, Nov 10 (Monday); as Glenn
Hauser has already noted, Radio Marti has a new
schedule of broadcasting at this time; Marti noted
through tune out at 0511. A very disappointing
development to no longer have a "clear Monday"
here, now making it all but impossible to catch
this one or Calgary. (Ron Howard-CA, wwdxc BC-DX
TopNews Nov 11)

FINLAND 3959.90, **R Gramox**, Hämeenkyro (50
w), heard 1436, Nov 08, oldies and strong signal.
(Nilsson-Sweden/DX Window)

25000, **Time Signal Station Mikes**, 0840-0855,
03-11, time signals, beep with each second and no
beep at second 59. 24322. (Méndez-Spain/PlayDX)

GERMANY Changes of *Echo of Europe* for B-14:

1930-1945 on 5930 NAU French/English Tue/Fri
(DX Re Mix News, Bulgaria)

The Deutscher Amateur Radio Club report a piece of radio history came to an end on November 4 with the demolition of the Wertachtal shortwave transmitter masts. The shortwave station came into operation for the Munich Olympics in 1972. At the time it was the largest shortwave transmitter in Europe with 29 masts up to 125m high. The first test transmissions began on April 10, 1972, using the 500 kW transmitters. The demolition of the facilities started in May and the plant will be completely demolished by the end of the year. Once the largest short-wave transmission facility in Europe, Wertachtal is demolished. (Peter Jenus, DJ8XW via wwdxc BC-DX TopNews Nov 4, 2014)

Norddeutscher Rundfunk GRUSS AN BORD program again on shortwave this year on 24 December 2014 at 1900-2100 on 9850, 13780, 11840, 11720, 11840, and 11965. Again at 2100-2300 on 7335, 11655, 9490, 9735, 9490, and 9650. Contact information: gruss-an-bord@ndr.de or postal: Norddeutscher Rundfunk, NDR Info, Redaktion "Gruß an Bord", Rothenbaumchaussee 132 - 134, 20149 Hamburg, Germany. (Harald Kuhl-Germany/DXplorer) Since Christmas 1953, the NDR radio program "greeting on board" has provided a bridge between the sailors on the seas and their relatives in Germany. In order for the crews to hear on the high seas and in distant ports, the NDR has also leased shortwave frequencies especially for Christmas Eve. (Translation of NDR Press Release)

GREECE Thanks to Ivo's tip, I heard *ERTOpen* today Friday 7 November on 9420 and 9935 with an English news broadcast from 1808-1813 - IDing as "You're listening to the Greek Radio Network from ERTOpen.com ..." (Alan Roe-UK)

GUAM My project to find remote, quasi-independent "in-target-country" studios, producing program content in local languages for larger entities like FEBC etc., continues to bear fruit. Tuesday's mail brought a reply from Trans World Radio Korea, which perfectly demonstrates what I am after. Very lovely large package from TWR-Korea, whose studios in Seoul record Korean programming for TWR which are ultimately transmitted via KTWR Guam. Nice full-data letter plus beautiful burgundy-colored souvenir towel with large and

bright TWR-Korea logo silk-screened on it, along with a TWR-Korea magazine plus color brochure. The letter is quite cute, indicating that they really didn't totally understand why I bothered to tune their program, although they were nonetheless delighted by the novelty of a reception report to their studio: "We TWR Korea happy to hear that you listened our program in accident (!!!? - rwp) and sent a very detailed and kind reception report..... Because TWR Korea is only producing Korean program for TWR ministry, not a station. So we are sending this thanks letter for you with a small gift for your kind report." They also forwarded my report onward to KTWR Guam, which sent a QSL card for the logging, received in the same day's mail. TWR Korea is broadcasting on 11580 daily, but the fqy is currently a challenge, due to WRMI also being there 24/7. Luckily, and a bit surprisingly, after checking for several days, I found that on some mornings, it is quite possible to readily hear TWR-Korea underneath WRMI, as the two stations are dead zero beat (no het problems, etc.) with TWR Korea being very copyable with very different sounding programming ... it just takes a little patience to log them. Here's the Aoki entry on this: 11580 KTWR Guam 1345-1445 1.....7 Korean and 11580 KTWR Guam 1345-1500 .23456. Korean. Here's their website and also my primary contact's info: <http://www.twrk.or.kr/>. TWR Korea, Boaz Seong, National Director, TWR Korea, 446-1, Bongchun-Ro, Kwanak-Gu, Seoul, Korea. Good luck to all in logging/verifying this "new" "station", hi. (Ralph Perry-IL)

Voice of Hope - China: Here's a cool little operation in Hong Kong, with plenty of their own programming these days being pumped out onto shortwave. The Hong Kong studio of Adventist World Radio apparently creates all of AWR's Chinese programming content for the Mandarin and Cantonese languages. The Voice of Hope China / AWR Hong Kong has been operating thus far in relative obscurity, as far as we radio hobbyists are concerned. These folks are definitely underserved, in terms of receiving reception reports . . . so they are very pleased with any attention whatsoever. In addition to fast email replies, they airmailed me a nice packet of goodies, like book markers, an AWR QSL card and a special postcard for the wedding advice show that I monitored. My log in mid-October was on 17810 at 1300-1330, one of AWR's many Mandarin service slots, but the frequency / time combo is no longer in use due to the B14 switchover on 26 Oct. But with the whole new schedule, it

should be easy to locate an appropriate and active freq/time for AWR Mandarin or Cantonese, where it can be logged during our local mornings; just check the AWR Chinese programs — nearly all of them are originate from the studio in Hong Kong. Here are a few of B14 frequencies for the 1230-1300 time slot, all via AWR Guam, which should be fine: 1230-1300 on 9800, 15180, and 15195. As AWR 'partner studios' go, VOHC actually appears somewhat quasi-independent, though they surely benefit from having AWR pick up some of their programming for shortwave relay. VOHC has its own fairly large repertoire of programs. Many nice local programs and a detailed hourly schedule is available on their website, too, tho I suspect some or many of the SW freqs displayed there may already be outdated, I haven't checked. <http://www.vohc.com/tc/broadcast.php>. Also received a VERY friendly email and a letter from Miss Lena (Xiao Jiali), the presenter of the program I monitored, "After the Wedding". She gives advice for marital bliss. You can obtain a personal email addresses for each radio show, via the website, which is very helpful for the QSL endeavor. For instance, I sent my report to Jiali at Jiali@vohc.cn <Jiali@vohc.cn>. I also suspect a generic info@vohc.cn might work, too. To spread my bets, I also used the web form to send them a copy of my report. (Ralph Perry-IL)

GUATEMALA 4055, *Radio Truth-Verdad*, QSL, personal letter, sticker, pennant in 3 weeks for e-report to radioverdad5@yahoo.com. v/s Edgar A. Madrid. (Artur Fernandez Llorella-Catalunya/PlayDX) 4055, Radio Verdad TGAV Chiquimula, Nov/07/14, 0432, EE/SS. Fair. Female spoke EE 0432 Tune In. Relig Talk. Sounded like a Cuckoo Clock went off @ 0433. SS Talk by Female into EE Gospel Music and Vocals. Female spoke EE and more Gospel Music 0440-0500. Choir Music 0500-02. Female spoke EE and gave ID as "Radio Truth" @ 0502. More choir music and EE Relig Talk. Into song "Amazing Grace" @ 0509-11. (Robert Ross-Canada/DXplorer)

INDIA 5040, *AIR Jeypore* is back on SW after a few weeks. They are on 5040 at 0025-0445 & 1130-1741. After some weeks they will be also be back on 6040 at 0446-0915. Reports to airjeypore@rediffmail.com. Their new FM transmitter has started operating on 103.6 MHz with 1 kW. (Jose Jacob-India/DX Window)

All India Radio have a new "AIR World" website live at <http://airworldservice.org/>. However, I think

(and hope) that it may still be "work in progress". There is a small archive of programmes (both audio and text) from "Destination India", "India on the Move", "Indian Heritage", "Legends of Indian Cinema" and "Vibrant India" - but currently all archives are for August 2014 only. There is also a "listen" button for Live Radio, but this only gives a relay of the FM Gold Service. Unfortunately, there is no complete programme or frequency schedule listings. The existing <http://allindiaradio.gov.in/> continues, including details of freqs for the external services. (Alan Roe-UK) I e-mailed AIR to ask about their new website, and received this prompt reply: "Thank you for your interest in the General Overseas Service. This, as you have rightly observed, is a soft launch and we will by and by have our audio transmission broadcast also for listening as well as other features. And please do spread the word!" (Alan Roe-UK)

INDIA (Goa) 11740, *AIR*, Panaji, Goa. Suddenly switched on the transmitter at 2057 in the middle of a song, some 12 minutes after it's scheduled s/on time for the GOS in English. Big signal to the Pacific, 6/10. (Wagner-Australia/ARDXC) And again at 0240 with the Pashto service and music program, fair signal on 17/10. (Wagner-Australia/ARDXC)

INDONESIA 9526, *Voice of Indonesia*, QSL in 5 months for e-report to voi.deutsch@gmail.com. v/s Sri Unun. (Artur Fernandez Llorella-Catalunya/PlayDX)

Radio FEBC Indonesia (Yaski): Here's another one for you — FEBC Indonesia, which is also called "YASKI". They operate out of an office in Tangerang, west of Jakarta. Below you'll find their schedule, website, a copy of their email reply to my reports, etc. Friendly folks but they aren't too big on sending out airmail letters . . . Amusing English in their email, too. Hi. "Dear Mr. Ralph W. Perry, Greetings from Indonesia! We are sorry if we've answered your email. Thank you for your incredible response! We really appreciate it. On this occasion we would like to inform you that we were unable to send your request to get postcard or souvenirs etc. We apologize for that. But you can find information about our activities through www.yaski.co.id. May be useful. Yes, exactly right for the hours and frequency. I give you our schedule in SW: 15560: 0100-0130; 15450: 0930-1000; 15580: 0900-1100; 15620: 1400-1430. We hope you always healthy and visiting Indonesia again, can you? Warm Regards," Nuel Christiawan

R. <nuel@yaski.co.id>, ShortWave Spv. of YASKI Ministry. (Ralph Perry-IL)

IRAN Tentative B-14 English for *The Voice of Islamic Republic of Iran* VOIROI/IRIB winter schedule. 26 Oct 2014 - 28 March 2015:

0320-0420 on 7325kam 9710sir "Voice of Justice"
1020-1120 on 17560kam 21510kam
1520-1620 on 11760kam 13785sir
1920-2020 on 6040sir 7350kam 13640sir 15460kam
(DX Re Mix News, Bulgaria)

Saut Falestin "Voice of Islamic Palestinian Revolution"

Arabic 0320-0420 on 7250kam, 9500sir
(DX Re Mix News, Bulgaria)

JAPAN 9760, *Radio Nikkei*, 2nd program, at 0558-0642, November 12, playing Western pop tunes with occasional English announcements such as "We've got what you want.", "Good music keeps you going.", "Making...with some great music." At 0641 IDed as "You're listening to the R-N-2." - Fair, // 6115 very weak. Also heard the previous night, November 11, at 0700-0730 with same English programming and ID at 0730 as "You're listening to R-N-2. Sit back, relax and enjoy." (Sellers-BC/DXplorer)

LIBERIA 4760, *ELWA Radio*, Monrovia, (presumed), 2200-2215, Nov 02, English, male, religious comments and songs. 14321. (Méndez-Spain/PlayDX)

MADAGASCAR 5010.52, *R Madigasakara* hrd 10/25 above nominal freq from 1835 tune from Perseus site in Brisbane. Nice high-life music with ocnl man ancr in vernacular. SINPO 35333 with under-modulated audio. Still going at 1920 past nominal 1900* but signal starting to fade as gray line passed Brisbane. (Bruce Churchill-CA/DXplorer)
From Oct 26 this registration will come into effect in B-14 winter season: RTI KOU = Kouhu; 2200-2400 5010 KOU Chinese. (Wolfgang Bueschel-Germany/DXplorer)

MALI 9635, *Radio Mali*, Bamako, 1545-1615, Nov 2, French, comments about Mali, African songs. 34433. (Méndez-Spain/PlayDX)

MEXICO 6185.00, *XEPPM Educación*, México DF; at 2348-2315 on Nov 8; instrumental mx; ID: "Radio Educación... desde la ciudad de México, Radio

Educación en Internet..., Radio Educación, la radio cultural de México" (PSE listen to the recording); mx ranchera; promos for "Secretaria de Salud"... Contigo México es mejor", mx. 22222. (Pedro F. Arrunátegui-Perú/DXplorer)

MONGOLIA 12085, *V. of Mongolia*, Ulaan Baataar. Carrier still on air at 0927 Nov 10. Voice of Mongolia from Ulaan Baatar Khonkhor started afternoon program towards East Asia at 09.29:40, ID's with station jingle and male annmt in Mongolian language. (Wolfgang Büschel, Germany, wwdxc BC-DX TopNews Nov 10)

MYANMAR 7345 Thazin, frequency staying clear of China so Thazin there now at 1300+ on Nov. 6 with usual pgmg of nice Burmapop covers of ballads, etc. Fair to good signal, some fadeyness and atmospheric noise, but pretty dang listenable. This may be awesome for us in the months to come, if China keeps clear. (Ralph Perry-IL) Quite good w/lilting Burmese (or similar) vocals 1125, anncts. 1130, then more mx. A nice station to listen to, 1/11. (Seager-Australia/ARDXC)

NIGERIA 15120 (DRM), *V of Nigeria* heard on Sunday 9 November from 1810 tune-in - although scheduled from 1830. At 1810 was just ending programme "View of progress" and into "Women in Transformation" at 1815. The scheduled DRM transmission from 1830 provides the most reliable time/frequency to hear VoN at this location. (Alan Roe-UK)

NORWAY 5895, at 0000-0400 in B-14 season, to zone 18, SVE 1kW non-dir antenna #950, daily 271014-290315, Norwegisch, no DRM. NOR NPT. Registration of Northern Star by Svenn Martinsen, via LLL-3 Bergen activity. www.northernstar.no. (Wolfgang Bueschel-Germany, wwdxc BC-DX TopNews Oct 23)

OMAN 15140, *R Sultanate of Oman*, Thumrait (100 kW / 315 degrees) in English only 30 minutes on Nov 13: 1400-1430 in Arabic to Western Europe, instead of English; 1430-1500 English as scheduled; 1500-2200 Arabic as scheduled. (Ivanov, Nov 13/DX Window)

PAKISTAN Surprisingly broadcast of *Radio Pakistan* on Nov.12:

1330-1530 on 11530 ISL Urdu, but off at 1500
1330-1530 on 15725 ISL Urdu, not on air.
(DX Re Mix News, Bulgaria)

PERÚ 4810.00, *R. Logos*, Tarapoto; at 1036-1052 on Nov 5; folk mx, rlg prgm in ethnic dialect of the Peruvian Amazonia; ID: "Radio Logos, una señal sin fronteras; TC in SP: "5 de la mañana con 50 minutos"; LA mx; ID on passing: "Por su Radio Logos", 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

4824.48, *R. La Voz de la Selva*, Iquitos; at 1045-1110 on Oct 27, mx, advs, followed by Mr. Pedro Paredes reading the news; reading of the Angelus; ID: "Tu eres la Voz de la Selva", LVS Noticia... saludamos a la región amazónica... Región Loreto. 22222. (Pedro F. Arrunátegui-Perú/DXplorer)

4985.00, *R. Voz Cristiana*, Chilca, Huancayo; at 1107-1140 on Oct 29; rlg mx; ID "Radio Voz Cristiana"; ads for Iglesia Pentecostal de Jesucristo... ment. "6 y11 de la mañana"; prgm in Quechua & SP. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

5980.00, *R. Chaski*, Urubamba, Cusco; at 1100-1135 on Oct 31; folk mx, advs; ID: "Radio Chaski, transmitiendo en las tres frecuencias, Onda Corta 5980kHz, Amplitud Modulada 630kHz y Frecuencia Modulada 94.9; en las tres frecuencias, una sola señal; desde Cusco Perú, para la gloria de Dios..." prgm in Quechua. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

PHILIPPINES 7410 NF, *The Voice of Love*, *1200-1300*: FEBC Cambodia, "The Voice of Love" New fqy, ex 7420, IS running now, under strong o/c signal of CRI, and then blasted out by CRI on the hour. (Ralph Perry-IL)

Am continuing to search for overlooked "DX-ish" radio studios, not xmtr sites, creating foreign language program content for larger organizations to broadcast, either via their own SWBC xmtrs or rent-a-xmtr outlets. I've already had some luck in locating interesting, ethnic "partner studios" of large religious organizations, which are typically located within the respective target area that matches with a specific language (e.g., a studio in Bangkok, Thailand, creating Thai and Lao programming). A very good example is one that was totally new to me: FEBC Radio Thailand, which produces programming in various languages for the Thailand/Laos general area, including Hill Tribes dialects. The vast majority of their programming is carried on a large number of MW and FM stations across Thailand, but they also feed programming to FEBC for relay via shortwave. Their address is: FEBC

Radio Thailand, 9/22-23 Soi Thana Arcade, Ekamai-Sukhumvit 63 Road, Wattana, Bangkok 10110. Their website: <http://www.febcthailand.org/>. My logging was for the "Lu Mien" language transmission on 12095 at 1200-1230. This appears to have continued into the B14 period. Lu Mien is a regional language spoken in Thailand and other countries across SE Asia and So China. Got back a nice folder QSL, with some nice homemade touches by the FEBC Int'l team in Bangkok. The folder cover shows color photos of all the Thailand team members, inside are all their signatures, and the back sports a detailed QSL text for the Lu Mien transmission. I am sure they have other transmission times / fqys; just check Aoki for Thai/Lao area languages for likely candidate transmissions such as Lao, Lisu, Akha, Lu Mien, etc. These all may, or may not, be FEBC Thailand . . . still haven't yet found a comprehensive SW sked for them, even on their website. But that's part of the fun of this new pursuit of mine, the detective work. First you determine that a language studio may exist, then you check out possible sked targets, get a log, and then figure out how to send a reception report directly to the local studio. Normally I try to avoid trying to make contact via the larger parent organization. (Ralph Perry-IL)

RUSSIA Neither the *Voice of Russia*, nor *R Rossi*, resumed broadcasting on shortwave on start of the B-14 season, as registered to the HFCC effective Oct 01. (Petersen-Denmark/DX Window)

11700, excellent QSL packet arrived today (Nov 7) from Voronezh, Russia, from the Revelation Studio of *HCJB Russia* (sometimes aka *New Life Radio*), with nice letter indicating mine was the first reception report they've ever received from the USA! Along with the letter came a nice QSL card, several picture postcards of Voronezh scenes, a business card for Radio Life ('satellite station' they are affiliated with), a brochure in Russian about the history leading up to the founding of the Revelation Studio in Voronezh and also their business alliances with HCJB, Radio Life, etc. Also some nice colorful pocket calendars. I logged them on 13800 during A14 period via Nauen, but now, according to latest Aoki, they have since moved to 11700 for the B14 period, via Moosbrun, Saturdays only, with RR at 1530-1600 and Chechen at 1600-1630. The station's brochure still refers to an even older fqy, 13740. Correct mailing address to use is: Radio Studio "Octovenie", PO Box 585, Voronezh 394 036, Russia. Their leader and founder is Massalytnovov Constantine Stepanovich, who

along with his wife have been the lifeblood of this courageous religious operation from inside Russia. Takes some huevos! Constantine is a very friendly guy and his direct email address is mks@intercon.ru. The website <http://www.radiolife.org/> has a lot of good info, as long as you can figure out how to get past the annoying opening screen. Answer: don't click on "skip intro" link in English — the animation will just repeat! Instead, click on the Cyrillic text above "skip intro". (Ralph Perry-IL)

Reception of *Adygeyan Radio*, on Monday, Nov 10

1745-1755 on 6000 ARM test tone

1755-1800 on 6000 ARM dead air

1800-1835 on 6000 ARM Adygeyan/Arabic/
Turkish

1835-1900 on 6000 ARM Adygeyan only.

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 10) QSL Radio Adygeya (GTRK Adygeya), partly detailed E-letter in 11 weeks for e-report to gtrkadygeya@yandex.ru. (Wolfgang Büschel, Germany, wwdxc BC-DX TopNews Nov 7)

Voice of Russia on DAB (London) still displays as VoR Voice of Russia though IDs as Radio Sputnik. This announcement on the Voice of Russia website this evening (10 Nov): Voice of Russia becomes Sputnik: Dear readers, we are excited to announce that the Voice of Russia is changing its name and moving over to a new website. We will now be known as Sputnik news agency and radio. You can find all the latest stories from our London bureau here: <http://uk.sputniknews.com>. (Alan Pennington-UK, BrDXC-UK ng Nov 10)

SOMALILAND 7130.04, *R Hargeisa*, Hargeisa, 1630-1900, Nov 16 and 17, Arabic conversation with short musical interludes, speech, 1800 drums and international news, including a couple of short English interviews, followed by Somali/Afar; New frequency, ex 7120, 54444. The R Hargeisa transmitter built up in August 2012, by 8 Chinese engineers of manufacturer firm BBEF Beijing. Tests ended in Sept 2012, started regular broadcasts on Sep 19, 2012. (Bueschel-Germany and Petersen-Denmark/DX Window) Schedule: 0330-0500, irregular at 0500-0630 and 1230-1500, regular 1500-1900 or 1430-1830. (Ivanov, Nov 18/DX Window)

SRI LANKA Starting November 1st *PCJ* returns to Short Wave Saturday 1258-1358 on 13720. (Victor Goonetilleke-Sri Lanka/DXplorer)

13720, PCJ Radio Int'l (Song of India)-Trincomalee, Nov/08/14, 1346, EE, Fair, Local Music @ 1346-50 Tune In. ID given in EE by Male Announcer @ 1350 as "PCJ Radio International". Into EE Pop Song "Say a Little Prayer for You" by Dionne Warwick @ 1350-54. Male announcer spoke EE and gave Frequency Schedule @ 1354-55. Male Announcer said "And now to end our show..." into Local Music @ 1355-58. Abruptly off air @ 1358 without any further announcements. (Robert Ross-Canada/DXplorer)

SLBC QSLs: Please let me have any reception reports that are pending. I will send hard copy QSLs. I had a HD crash and it took a while for me to get back my PC with the E-QSL files etc. victor.goonetilleke@gmail.com. (Victor Goonetilleke-Sri Lanka/DXplorer)

Okay, here's the next "new station" I've uncovered. Independent producer of locally-originated ethnic-language programming, from within a target market, for a larger umbrella organization. Quasi-independent, with enough of a unique personality to qualify, for me, as an excellent target. And, at least at this early juncture, happy to QSL (if a little bit amazed and confused to receive a report). Friendly folks. Adventist World Radio Myanmar. I've found out that AWR maintains two studios in Myanmar, one in Yangon and one in Pyin Oo Lwin, and they call themselves "AWR Myanama" They create daily programs in Burmese, Karen and PWO Karen, Chin, Shan, Mon, and Kachin, for transmission via AWR Guam and Trincomalee. My verie letter received from them by email as a PDF attachment. Also a couple of photos from the two studios, showing shots of their production teams. My log was of their Burmese service on 9730 at 0000-0030 via Trincomalee. Initially hoped to log and verify both studios, but as it appears they will reply as AWR Myanma from the local head office, not as AWR Yangon and AWR Pyin Oo Lwin, so I guess I am already done with this one, hi. Easy to reach them at voh@awrmyanmar.org. Further contact info, from email signature of the local director: Maung Myo Chan, Director, Seventh-Day Adventist Church, Myanmar Union Mission Headquarters, Department of Communication & Public Affairs, 72 U Wisaya Road, Dagon Township 11191, Yangon, Myanmar. E-mail: mchan@adventist.asia, <http://www.myanmaradventist.org>. They have a very nice local website for AWR Myanmar: Adventist World Radio. (Ralph Perry-IL)

TAIWAN From Oct 26 this registration will come into effect in B-14 winter season:

2200-2400 5010 Kouhu Chinese
(Wolfgang Bueschel-Germany/DXplorer)

11665, *Radio Taiwan International* Test Broadcast via Tamsui. Full-data, including site, Tamsui antennas card in 3 weeks. All text is in German, the language of the broadcast. Also included was a Ferris wheel fireworks card. (Wendel Craighead-KS/DXplorer)

UNITED KINGDOM 3955, *KBS World*, the 2200-2230 relay via Woofferton didn't materialize last night. The transmitter was switched off at 2200 at the end of the French transmission. I wasn't surprised - a recent Listener's Lounge edition had already indicated in a reply to a listener that the relay in English would not be present in the B-14 season. As expected the 1900 transmission (on 5885 and 5900) is German, not English. (5900 being a late change from 5935). (Alan Roe-UK)

USA 9395, *Global 24*, Shortwave's newest broadcaster, takes to the Air at 2300, Friday Oct 31 with a line-up of new and well-known programs and around-the-clock English language programming. The broadcast can be heard 24 hours a day, 7 days a week on WRMI broadcasting from Okeechobee, Florida. Visit our website: <http://www.global24radio.com> to join our email newsletter for the most current updates. (White-USA/DX Window) Global 24 have said that "We are preparing plans for better broadcasts to Asia & Africa. For Asia, we are running a frequency test: December 7, 2014 (Sunday) from 1300 to 1358 on 13720. Reception reports from the Middle East, India and Asia are most welcome. Check it out." I suspect that is via Trincomalee, as this frequency is used by PCJ Radio International on Saturdays at this time. (Alan Roe-UK)

I just received an e-mail from Tom Beton. He received a QSL for a report he sent to *KJES* last summer. A note on the QSL said they were no longer broadcasting on Short Wave, just on the Web. I went to their site and sure enough, they are off. They say that with the shortage of trained people to keep the transmitter going, and the advent of the "new technology" they are now broadcasting via the web. I never listened to them much, but still a bummer to learn another station has left the bands. (John M. Fisher-MA/DXplorer)

UZBEKISTAN *Trans World Radio India* Broadcast Schedule for B-14 (Tashkent):

7280 0030-0045 .23456. Bengali
7280 0030-0115 1..... Hindi
7280 0045-0115 .23456. Bhojpuri
7280 0045-0115 1317 Nepali
7280 0115-0130 1234... Dzonkha
(wwdxc BC-DX TopNews)

VATICAN *Voice of America* in English heard on unscheduled frequency of 9780 from 1900-1930 on Monday 27 October with "International Edition" - presumably via Vatican and instead of scheduled Afia Durfur Radio. Probably a switching or feed error. (Alan Roe-UK)

YEMEN 6135, *Radio Sana'a*, at *1800-1900* on Oct 23, English, comments, news about Yemen and Abu Dabi, more comments, songs. 24322. (Manuel Mendez-ESP, hcdx)

ZANZIBAR 11735, *Zanzibar Broadcasting Corporation*, Dole. Tuned 11/17 at 1746 with Arabic inst music to 1757, then woman ann to 1758, drum IS fol by 5 time pips and then into EE time, ID and news by woman 1800 to 1810. Items from Cambodia, Beijing, Nigeria, Washington, among others. "This news is coming to you from the Zanzibar Broadcasting Corporation" at 1805. "To end the news here are the main points again" at 1809. Another woman ancr in Swahili at 1810-13.5. More Arabic music at 1813.5-15. At 1815 seemed like some type of call in program with female host(s). Similar programming on 11/15 and 11/16. Today was a good day for 25mb propagation (best since originally tuning here from Ron's tip last week) with Zanzibar holding fairly steady at SINPO 35433 from 1545. On 11/15 ZBC was S4+ at 1505 but faded to S3/2 by 1600. (Bruce Churchill-CA/DXplorer)

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

Pirate Radio Report

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

We have some catching up to do. Shortwave pirate broadcasting continued at a very brisk pace during the last two months. Your editor is still working on trying to figure out when the deadlines for NASWA columns are set.

Shortwave broadcasting inevitably increases around major North American holidays. With Christmas and New Years forthcoming, you ought to make your plans to listen to the increased pirate broadcasting activity that is certain to appear before, during, and after those holidays.

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, Pirate radio broadcasting on shortwave continues at a very brisk pace; mode is USB unless noted:

American Beacon of Freedom 6925 AM 0102-0114 8/29/14 Fair. Beeps and IDs only. (Taylor-WI)

Big Dog R. 6925 AM 0114 10/10/14 SIO=343. Prgm of classic rock mx. (Taylor-WI)

Black Bandit R. 5830 AM 2228-2234+ 8/29/14 SIO=343. This Dutch pirate had a mixes country mx and polkas. (Lobdell-MA)

Black Bandit R. 5825 AM 2315-2355* 8/30/14 SIO=343. This Dutch pirate also ID'ed as BBR Radio. (Lobdell-MA)

Black Bandit R. 6320 AM 2230-2350+ 10/4/14 SIO=232. Discussion of a trip to the Middle East. (Lobdell-MA)

Boards of Canada 6920 AM * 2316-2344 9/12/14 SIO=343. Rock mx by "Boards of Canada" group. (Lobdell-MA)

Captain Morgan 6924.1 AM 0138 9/27/14 Very Good. Prgm of electronic blues mx. (Taylor-WI)

Captain Morgan 6925 AM 0057 10/5/14 Poor. Prgm of blues & classical mx. (Hauser-OK)

Captain Morgan 6925 AM 0129-0136* 10/5/14 SIO=454. Prgm of rock mx. (Lobdell-MA)

Generation Wild 100 6925 USB 0154 10/7/14 Fair. Prgm of pop and country mx. (Taylor-WI)

Generation Wild 100 6925 USB 0227 10/7/14 Poor. Prgm of pop and country mx. (Hauser-OK)

Generation Wild 100 6925 USB 0135 10/18/14 Good. Prgm of jazz mx. (Taylor-WI)

Insane R. 6225 AM 0222-0050 8/31/14 SIO=343. Prgm of weird and obscure rock mx. (Lobdell-MA)

KIPM 6230 0113 9/7/14 Good. Presumed relay of old Alan Maxwell prgm of rock and tales about Wally Hyman. (Taylor-WI)

KIPM 6230 0121 9/7/14 Good. Presumed relay of old Alan Maxwell prgm of rock and narrative involving Wally Hyman. (Hauser-OK)

Looking at you R. 6224.6 2352 10/4/14 Fair. Prgm of rock mx. (Taylor-WI)

Louisiana, Texas, Oklahoma R. 6925 USB 0158-0228* 10/10/14 Fair-Good. Prgm of rock mx. (Taylor-WI)

Northwoods R. 6925 USB 0028-0120* 9/3/14 SIO=444. Relay of an old CKLW pop mx prgm from Windsor, ON. (Lobdell-MA)

Northwoods R. 6935 USB 0008-0039* 9/20/14 Fair. Prgm of old rock & country mx. (D'Angelo-PA)

Northwoods R. 6935 USB 0033-0045 9/21/14 Good. Prgm of interviews and rap mx. (D'Angelo-PA)

- Northwoods R.** 6935 USB 0056 9/21/14 Good. Prgm of vocal rock mx. (Hauser-OK)
- Northwoods R.** 6935 USB 0056-0105+ 9/21/14 Good. Prgm of rock mx w/73 at close. (Hauser-OK)
- Old Time R.** 6770 AM 2335-0021+ 9/1/14 SIO=343. This one remains a mystery with relays of old time radio programs without an ID or addr. (Cooper-PA)
- Old Time R.** 6770 AM 2310 9/7/14 Fair. Rely of old time radio prgm sponsored by Anacin. (Cooper-PA)
- Old Time R.** 6770 AM 0142 9/8/14 Poor. Big band mx into relay of old time radio prgm. (Taylor-WI)
- Old Time R.** 6770 AM 0227 9/8/14 Very poor. Relay of old time radio prgm. (Hauser-OK)
- Old Time R.** 3205 AM 0015-0135+ 9/13/14 SIO=333. Relay of old time Amos & Andy plus Jack Benny radio prgms. (Lobdell-MA)
- Old Time R.** 3229.7 AM 0142 9/24/14 Poor. Relay of an old time radio program. (Cooper-PA)
- Old Time R.** 3229 AM 1015 9/24/14 SIO=153. Relay of an old time radio drama. (Rohde-OH)
- Old Time R.** 3229.7 AM 2304-2308 10/14/14 Poor. Relay of an old time radio comedy. (Cooper-PA)
- Old Time R.** 3229.7 AM 0139 10/21/14 Poor. Drama tlk w/laughter. (Cooper-PA)
- Orbital Mind Control Satellite** 6930 AM 0050-0101 9/18/14 SIO=333. Prgm of brainwashing from the Crab Nebula. (Lobdell-MA)
- PPVR.** 6925 USB 0125-0136 10/16/14 SIO=121. A new one w/vocal mx and IDs as Pee Pee Vagina R. (Lobdell-MA)
- R. Abu Dhabi** 6300 AM 2140-2338 10/12/14 SIO=343. Dutch pirate w/country mx prgm despite ID. (Lobdell-MA)
- R. Borderhunter** 6260U USB 2334 9/21/14 Good. Prgm of rock mx by Peter Frampton & others. (Maroti-NY)
- R. Free Whatever** 6940U USB 0007 9/2/14 Good. Dick Weed w/prgm of obscure rock mx. (Taylor-WI)
- R. Free Whatever** 6940U USB 0010-0050 9/2/14 SIO=454. Dick Weed and Stavin w/request prgm of rock mx. (Lobdell-MA)
- R. Free Whatever** 6950 USB 0059-0137 9/17/14 SIO=333. Prgm of heavy metal rock mx. (Lobdell-MA)
- R. Free Whatever** 6950 USB 2350-0032* 9/18/14 SIO=333. Prgm of rock by Megadeth and others. (Lobdell-MA)
- R. Free Whatever** 6919.7 USB 2350-0032* 9/27/14 Poor to Fair. Dick Weed and Stavin w/rock mx prgm. (Taylor-WI)
- R. Free Whatever** 6935 USB 0138 10/10/14 Good. Dick Weed and Stavin w 1960s/rock mx prgm. (Taylor-WI)
- R. Garbano** 6925U USB 0247 9/8/14 Fair. Old Fearless Fred nx prgm relay. (Taylor-WI)
- R. Gallifrey Intl.** 6950 AM 0041-0059* 9/16/14 SIO=343. Euro w/rock mx prgm; digital xmsn at close. (Lobdell-MA)
- R. Magic** 6200 AM 2356-0047+ 9/30-10/1/14 SIO=444. Irish Euro w/prgm of rock mx; other relays planned. (Lobdell-MA)
- R. Magic** 6200 AM 2239-2300+ 10/2/14 SIO=343. Irish Euro w/relay of Laser Hot Hits. (Lobdell-MA)
- R. Marabu** 6305 AM 2224-2240 9/14/14 SIO=343. Prgm of pop & rock mx. (Lobdell-MA)
- R. Paisano** 6925 USB 2341-2357 10/13/14 SIO=343. Seasonal Italian parody prgm. (Lobdell-MA)
- R. Powerliner** 6290 AM 2335-0021+ 8/29-30/14 SIO=343. Prgm of Dutch polka and beer drinking mx, w/OM IDs in Dutch. (Lobdell-MA)
- R. Tango Italia** 6244.5 AM 2239-2314+ 8/30/14 SIO=232. This Italian pirate programs tango music. (Lobdell-MA)

- R. Tango Italia** 6955.4 AM 0255-0010 9/7/14 Clear. (Lobdell-MA) Italian Europirate w/ prgm of instr tango mx. (Lobdell-MA)
- R. Tango Italia** 6265.4 AM 0000-0039* 9/14/14 SIO=343. (Lobdell-MA) Italian Euro w/prgm of instr tango mx and some CW. (Lobdell-MA)
- Rave on R.** 6940 AM 0034-0046 10/25/14 Poor. Mostly a discussion of zombies. (Hauser-OK)
- Renegade R.** 6940 AM 0203 9/15/14 Fair. Prgm of various mx. (Taylor-WI)
- Renegade R.** 6935 USB 0128-0155 10/18/14 Good. Mostly a tlk prgm mentioning DXers. (Hauser-OK)
- The Crystal Ship** 6950 AM 0202-0214+ 9/16/14 SIO=343. Prgm of rock and pop mx; apparently a relay. (Lobdell-MA)
- The Crystal Ship** 6950 AM 0030 9/16/14 Fair. Relay of John Poet w/ old prgm of rock and pop mx. (Hauser-OK)
- The Crystal Ship** 6876 AM 0100 9/26/14 Fair-Good. Relay of John Poet w/ old prgm of bubblegum rock mx. (Taylor-WI)
- Uncdercover R.** 6925 AM 2301-2315 9/28/14 Good. Dr. Benway w/rock mx prgm. (D'Angelo-PA)
- Uncdercover R.** 6925 AM 0000-0001 9/29/14 Good. Dr. Benway on again w/rock mx prgm. (D'Angelo-PA)
- Uncdercover R.** 1720 AM 0052-0101* 10/20/14 SIO=242. Dr. Benway w/ old prgm abt trip to Solomon Islands. (Lobdell-MA)
- Uncdercover R.** 6925 AM 0105-0205* 10/20/14 Fair-Good. Dr. Benway w/Monster Mash song. (Taylor-WI)
- Whiskey Redneck R.** 6925 AM 0023-0027 10/14/14 SIO=232. Prgm of bluegrass mx. (Lobdell-MA)
- Whiskey Redneck R.** 6933.2 AM 0033 10/20/14 SIO=232. Prgm of country & drinking mx. (Taylor-WI)
- Wolverine R.** 6940 USB 0132 9/21/14 Good. Prgm of blues and jazz mx. (Hauser-OK)
- Wolverine R.** 6940 USB 0033-0045 9/21/14 Fair to Good. Prgm of blues and jazz mx. (D'Angelo-PA)
- Wolverine R.** 6940 USB 0017 10/19/14 Fair. Prgm of big band and rock mx. (Cooper-PA)
- XLR8** 6225 AM 0113 9/3/14 SIO=343. Prgm of recorded live punk and rock mx. (Taylor-WI)
- XLR8** 6225 AM 0113 9/3/14 Fair. Prgm of rock mx. (Hauser-OK)
- XLR8** 6225 AM 0113 10/10/14 Fair to Poor. Prgm of rock mx. (Hauser-OK)
- YHWH** 6905 AM 0246-0357* 9/7/14 SIO=454. A combination of distinctive mx and discussion of true worship of YHWH. (Taylor-WI)
- YHWH** 9605 AM 0301 9/11/14 Fair. Anti-Christ pro-Yahweh pirate. (Hauser-OK)
- YHWH** 11595 AM 0132 9/14/14 Fair. Usual preacher w/usual religious prgm. (Hauser-OK)
- YHWH** 11595 AM 0151 9/14/14 Fair-Poor. Usual preacher w/usual mx. (Taylor-WI)
- YHWH** 9605 AM 0333 9/15/14 Fair. Usual preaching. (Hauser-OK)
- YHWH** 11570 AM 1410 9/26/14 Good. Usual preaching. (Hauser-OK)
- YHWH** 7340 AM 0202 10/12/14 Good. Usual preaching. (Hauser-OK)
- YHWH** 7340 AM 0309 10/12/14 Poor. ID and preaching. (Taylor-WI) 

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

Merry Christmas



PHILIPPINES: Far East Broadcasting Company Radio International 12095 The station verified my email rpt. w/ a f/d "FEBC Radio International - The Sound Alternative Monkey-Eating Eagle" cd. in 300 ds. w/ a cover ltr. from Norita P. Esytabillo, Shortwave Operations - Program Support Supervisor. Addr: P. O. Box 205, Ortigas Center, Pasig City, 1505 Philippines (D'Angelo-PA).

USA: Radio Ukraine International 11580 via Okeechobee The station verified my email rpt. w/ a f/d "Mariinskyi 18th Century Castle" cd. in 32 ds. (D'Angelo-PA).

Radio Africa Network 17790

via Okeechobee

The station verified my email

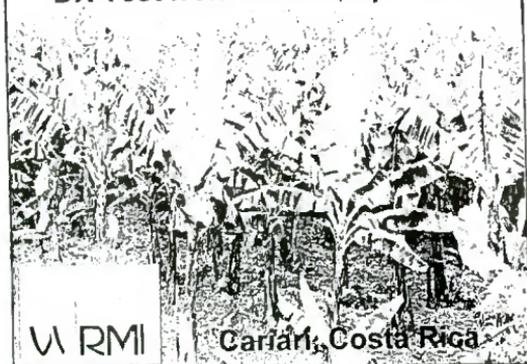


STATION NOTES: Radio Eritrean Youth Solidarity for Change 15310 via Issoudun Email: info@eysc.net

Radio Belarus 7255 Addr: Radio Belarus, 4 Krasnaya Str., 220807 Minsk, Belarus. v/s Polina Bartseva, Locutora and Antonio Madrid, Spanish Service. Bhutan Broadcasting Service 5030 and 6035 v/s Kaka Tshering, BBS General Manager. Email: radio@bbs.com.bt

Radio Eco 4410 Email: gonzaloeco@hotmail.com Radio Illimani 6025 Email: radio@patrianueva.bo - or - marketing@patrianueva.bo Radio Aparecida 11855 v/s Antonio Celso Pinelli, Gerente Operacional de Radio. Email: pinelli@radioaparecida.com.br Addr: Getulio Vargas 185, Caixa Postal 02, CEP-12570-970, Aparecida, SP, Brasil.. via PLAY DX...Sam.

DX Test from Radio República



rpt. to: info@panambc.com w/ a f/d "Map" cd. w/ a personal ltr. from Jeff Bernaid. They sent along a full schedule of ministries they broadcast in 18 ds. from the Pleasanton, CA address. (D'Angelo-PA). WH2XDE-1 Experimental Station 1750 f/d cd. from this station. for a taped rpt. Addr: Jerry Whitney, 2083 Stirnwe Road, Victor, NY 14564 Email; WH2XDE 2gmail.com...Last year I sent out 11 reports with no replies! (Smith-MA). Till next month...Sam 31427

Contributors' Page

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

- Rick BARTON**, El Mirage, AZ R8, SP-600/JX-14, HQ120x, HQ140X, HQ200; outdoor wires, slinky
- Bob BROSELL**, WI 545, E1, ICF SW77
- John COOPER**, PA G33DDC Excalibur Pro, SDR-IQ, Satellit 750, PL-660, ALA 1530+, SWL End Fed Sloper
- Rich D'ANGELO**, Wyomissing, PA RX340, R8B, DX Sloper, Mini-Windom, FL3, ANC4
- John and Sandra DAVIS**, Columbus, OH R-390As, R-391s, Mackay 5050A, HF-1000A. Windom 42' long & end fed 16' antenna
- Elliott FEINBERG**, Brooklyn, NY Sangean ATS-909, Tecsun PL-660, indoor whip
- Bob FRAZER**, Belfast, ME Grundig YB-300 with whip antenna
- Andr^v FREDETTE**, Oakville, ONT R-75, R8B, NRD545, MFJ 956 tuner, 65' wire
- Glenn HAUSER**, Enid, OK FRG7, DX398/ATS909, YB-400, ICF SW07, wires
- Bill MCGUIRE**, Cheverly, MD DX380
- Pamela PRODAN**, Wilton, ME 400PE
- Mark TAYLOR**, Madison, WI WR313e, E1, Sat800, Flexenna, EWE, Eavesdropper
- David TURNICK**, Sinking Spring, PA RX-340, WinRadio, Alpha Delta DSSloper, 49M dipole
- Robert WILKNER**, Pompano Beach, FL 535D, R8, IC746Pro 

2000-5900 kHz

Tropical Band Loggings

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

- 3185 **USA WWRB** Manchester 0107 WWRB has resumed separate prgrming from 5050; W gospel hux-tress vs Bro. Stair on 5050; 11/16. (Hauser-OK)
- 3310 **BOLIVIA R. Mosoj Chaski** Cochabamba 0940-0955 W anc in Quecha; good; 10/24. (Wilkner-FL) 2300-2310 M anc in lang under QRM; 11/7. (Wilkner-FL)
- 3320 **S. AFRICA R. Sondergrense** Meyerton 0224 Pop mx; p-f; 9/30. (Fredette-ONT)
- 3355 **CUBA RHC** 1127 W anc via remote; M anc w/ several ments. Cuba; M & W anc w/ talk; fair; 10/21. (Cooper-PA)
- 3364.84 **BRAZIL R. Cultura** Araraquara 2351-0000 M anc in PP & brief mx; 10/21. (Wilkner-FL) 2355-2359 Noted here; 11/9. (Wilkner-FL)
- 3375.1 **BRAZIL R. Municipal** São Gabriel da Cachoeira 0942 Locutor em Português w/ better than usual sig; still there at recheck; 10/24. (Wilkner-FL) 2350-2355 Noted here w/ marginal sig; 11/8. (Wilkner-FL)
- 3385 **PNG-NEW BRITAIN TERRITORY R. East New Britain** Rabaul 1135 (T); M anc in unid. lang w/ mx & talk; f/out; poor; 10/24. (Cooper-PA)
- 3480 **S. KOREA V. of the People** Kyonggi-do 1315 M anc in KK; M & W in discussion; good w/ no hint of the jamming heard; 3912 was all jammer & no vox; 10/5. (Barton-AZ) 1546 M & W in KK w/ exhortative exchange punctuated w/ mx; slight QRN w/ some fast fade; deep fade after 1600; good, clear sig overall; 11/10. (HenleyñWA)
- 3925 **JAPAN R. Nikkei** Tokyo-Nagara 1134 V. traditional JJ mx; M vocal, stringed instruments; W anc w/ ID at ToH into classical mx; V. good; 11/4. (Barton-AZ)
- 3975 **VATICAN CITY STATE Radio Vaticana** Sta. Maria de Galeria 0645 Latin Mass is audible but v. poor; //6070 which clashes w/ CFRX; last winter, 3975 would come in pretty well; maybe in a few weeks?; 3975 is 100 kW at 330 degrees to W Europe for the 0630 txmission, so should carry on well to here; HFCC B14 shows only these two freqs; 11/12. (Hauser-OK)
- 3985 **S. KOREA Echo of Hope** Hwaseong 1415 W anc w/ mx & talk over jammer; v. good; 11/3. (Barton-AZ)

- 4055 **GUATEMALA R. Verdad** Chiquimula 0943 "Radio Verdad onda corta." then repeated in EE; 10/21. (Wilkner-FL) 0603 Final ID in EE; NA preceding s/off; fair sig but w/ storm noise QRM on this lower band; 10/28. (Hauser-OK) 0248 M ancw w/ SS & mx; poor; 11/9. (Cooper-PA) 1115 Marimba mx; strong sig; 11/5. (Wilkner-FL)
- 4409.8 **BOLIVIA R. Eco** Reyes 2340-0000 Noted in SS w/ weak sig; no logs during 0900-1130 time period; 10/22. (Wilkner-FL) 2330 M ancw in SS; mx at 2345; deep fades & high noise lvl; 2355 sig improved but still only fair; 11/9. (Wilkner-FL)
- 4451.1 **BOLIVIA R. Santa Ana** Santa Ana de Yacuma 2330-2335 M ancw in SS w/ better than usual sig; never noted during 0900-1130 period; 10/25. (Wilkner-FL)
- 4699.9 **BOLIVIA R. San Miguel** Riberalta 2340-0025 Return to freq w/ M ancw in SS; weak; 10/21. (Wilkner-FL)
- 4747.55 **PERU R. Huanta 2000** Huanta 2330-2340 M ancw in SS; noted back after two days silent; 11/9. (Wilkner-FL)
- 4765 **CUBA R. Progreso** 0210-0230 M ancw w/ SS mx & talk; fair; 11/8. (Prodan-ME) 0210 US pop cover in SS; fair; 11/13. (Cooper-PA)
- 4754.9 **BRAZIL R. Imaculada Conceição** Campo Grande 2324-0010 M ancw in PP; mx bridge; troubled by t-storm crackle; 10/23. (Wilkner-FL)
- 4755 **MICRONESIA V6MP The Cross** Pohnpei 1131 M w/ sermon; weak & under noise; poor; 10/29. (Brossell-WI)
- 4765 **CUBA R. Progreso** 0131 Open carrier; 0132 Mx & ID "Radio Progreso Cadena Nacional, la Onda de la Alegria"; chime & at 0133! TC for "8:30"; Hey, tune in Radio Reloj now and then, why don't you?; anyhow, RPCN has no doubt timeshifted its too-short txmission one UT hour later to 0130-0500 in keeping with clock changes imposed by Imperialismo Yanqui; 11/9. (Hauser-OK)
- 4774.9 **PERU R. Tarma** Tarma 1010 Rustic Peruvian vcls w/ ute pounding on top of the sig to 1045 f/out; 11/5. (Wilkner-FL)
- 4775 **BRAZIL R. Congonhas** Congonhas 2213 M ancw w/ PP mx & talk; poor & weak; 11/7. (Prodan-ME)
- 4805 **BRAZIL R. Difusora do Amazonas** Manaus 0930-0940 M ancw in PP w/ light CODAR; 10/24. (Wilkner-FL)
- 4810 **PERU R. Logos** Chazuta 0958-1045 M ancw w/ ID as Radio Logos mixed w/ beautiful Flauta Andina, vclists & strong sig; other mornings only noted carrier w/ some breaks in carrier which may indicate txmitter issues; this remains the strongest sig from Peru on 60m; 10/10. (Wilkner-FL)
- 4835 **AUSTRALIA VL8A** Alice Springs 1202 World nx; fair; 10/27. (Brossell-WI) 1130 Fanfare into nx; v. good; 11/8. (Barton-AZ) 1311 Interview prg re people who have dealt w/ death & grief; fair; 11/10. (Brossell-WI)
- 4840 **USA WWCW** Nashville 1207-1258 "World Wide Country Radio"; fair; 11/8. (Prodan-ME) 0106 WWCW-3 on as usual & not cutting out 320 times per minute like day freq 13845 was earlier; assuming it's really the same txmitter; #4 is "signed off" 7520/5890 weekends from 2300-0500 (-04 UT Mondays) & could be substituting here; 11/16. (Hauser-OK)
- 4870 **INDONESIA-PAPUA RRI Wamena** 1220 W ancw in listed Indo; poor w/ fading & noise.; 10/30. (Brossell-WI)
- 4875 **BRAZIL R. Difusora Roraima** Boa Vista 2327-2332 Brazilian mx; good, strong sig; 10/25. (Wilkner-FL) 0335 (P); M ancw in PP w/ EE classic rock songs; gone at 0351; fair; 11/8. (Cooper-PA)
- 4885 **BRAZIL R. Clube do Para** Belem 0432-0452 Brazpops; poor; 11/8. (Prodan-ME)
- 4920 **INDIA AIR Chennai** 1220 (P); SC mx; fair; 10/25. (Taylor-WI)
- 4925.2 **BRAZIL R. Educação Rural** Tefê 1000-1023 M ancw in PP w/ some mx selections; good; 11/5. (Wilkner-FL)
- 4940 **CHINA V. of the Strait** Fuzhou 1221-1255 M & W ancw in CC; f-p; 10/22 & 25. (Brossell-WI) 1208 M ancw w/ rapid CC talk; fair; 11/10. (Brossell-WI)
- 4955 **PERU R. Cultural Amauta** Huanta 2350-2355 Locutor en español; strong sig; 10/22. (Wilkner-FL)
- 4985.5 **PERU R. Voz Cristiana** Huancayo 2348-2356 M preacher in SS; in usb 1.3k filter to avoid RTTY below; 2328 noted with weak signal but no RTTY on 4985; [date?-ed.] (Wilkner-FL)
- 5010 **INDIA AIR Thiruvananthapuram** 1221 (P); W vcl singing a sort of chanting form of SC mx; v. interesting; fair; 10/25. (Taylor-WI)
- 5025 **CUBA R. Rebelde** Havana 0005-0118 Nice selection of LA mx; ancw w/ talk & ID; 0123 mx bridge into M ancw; good; 10/26. (Cooper-PA) 0227-0259 SS mx & listener phone calls; f-g; 10/24. (Prodan-ME)
- 5035 **BRAZIL R. Aparecida** Aparecida 2210-2216 M ancw in PP; poor; 11/7. (Prodan-ME)
- 5040 **CUBA RHC** Havana 0644 As soon as Arnie says "58", modulation stops on this RHC freq & the other four of the Cuban Five on 6 MHz; I do not hang around waiting for revival; 11/12. (Hauser-OK)

- 5066.34 **CONGO, DEMOCRATIC REPUBLIC R. Candip** Bunia 0345 (P); JBA carrier w/ trace of talk modulation; trnx for tip from Tim Rahto in Iowa who measured it here & said to the DXLD yg that it was peaking about 0318: hurry & t/in; so, it was on earlier than listed *0330 in Aoki & much earlier than listed *0400 in WRTH 2014; Gaisma.com says sunrise in Bunia today was 0341; at one sesquidegree north of the Equator, its sunrise should vary little, but supposedly gets as late as 0411 in a trimonth, so we're losing darkness every morning until over the hump; we should start tuning for it by 0300 now; see <http://www.gaisma.com/en/location/bunia.html> which also provides a current terminator/grayline map; 11/10. (Hauser-OK)
- 5085 **USA WTWW** Lebanon 0615 No Bro. Stair on WTWW-2, but instead Ted Randall's country mx show (which was on as usual earlier UT Sunday around 0100, but should have gone back to BS long before 0615); what happened; did Bro. Scare pull out of WTWW, or did Ted's automation run away/awry?; 10/26. (Hauser-OK) 0653 WTWW-2 is back on w/ country mx; while WTWW-1, 5830 is playing typical cowboy mx of SFAW; 11/16, (Hauser-OK)
- 5110v **USA WBCQ** Monticello 0300 CUSB; World of Radio 1744 monitoring; confirmed on Area 51 web-cast & also before 0330 via WBCQ; 10/27. (Hauser-OK)
- 5580.2 **BOLIVIA R. San José** San José de Chiquitos 2330 Noted here w/ weak sig; 10/24. (Wilkner-FL) 2355-0020 Noted in SS w/ deep fades; 11/9. (Wilkner-FL)
- 5830 **USA WTWW** Lebanon 0705 WTWW-1 is off the air along with WTWW-2 still missing from 5085 & no WTWW-3 on 12105 either; next check 1338, only 5830 is back on; 11/13. (Hauser-OK)
- 5850 **USA WRMI** Okeechobee 0034 Surprised to find no sigs from WRMI's TruNews subcontractor; all the other WRMI freqs are on, so not a power failure; 5850 appears at 0100; 10/26. (Hauser-OK)
- 5865 **KUWAIT R.Farda** 0012 (P); W ancw w/ talk into indigenous mx; poor; 10/28. (Cooper-PA)
- 5875 **THAILAND BBC** 1352 BBCWS in EE; poor, but better earlier; now sked at 1200-1500 daily, 25 degrees, which is also good for N. America; I hope they are no longer jumping to different freqs by day of week in a futile attempt to confuse ChiCom jammers, instead confusing casual listeners; 10/30. (Hauser-OK)
- 5885 **SRI LANKA VOA** Irana Wila 0035 M ancw in discussion in (P) Tibetan; poor; 11/2. (Cooper-PA) 

5901-30000 kHz

International Band Loggings

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

- 5910 **ROMANIA Radio Romania International** Tiganesti, 0150-0258* Nov 16, classical music program hosted by a male announcer with Romanian language talks and ID at 0200. Classical music continued up to the moment the carrier was terminated mid-selection. Good signal. (D'Angelo-PA)
- 5960 **JAPAN Radio Japan** at 0302, 1026 in JJ. Good (McGuire-MD)
- 6005 **ASCENSION [and non?]** BBC Oct 21 at 0523, BBCWS poor signal with QRM from a modulated carrier or tone cutting on and off irregularly, like a lethargic Cuban pulse jammer, but is this a defect on the ASC transmitter? Stops doing this at 0528 (Glenn Hauser, OK)
- 6050 **ECUADOR HCJB** Nov 14 at 0253 sounds like mbira, but this must be an Andean instrument, from HCJB; 0254 song in Spanish. Good signal past 0330 when I didn't think to check if they're still doing Spotlight in English (Glenn Hauser, OK)
- 6070 **CANADA CFRX** Toronto is back! At least a 5-minute ad-string upon tune-in 2235 UT October 23, starting with Hallowe'en costumes, promos for Marketplace on CBC [television, understood] at 8 pm, and something else at 9, before "News-Talk 10-10" ID at 2240 and into Events of the Day. Sufficiently fair signal before RHC will wipe it out at 2300. Tnx to tip from WH2XDE's Jerry Whitney in NY after 19 UT today. (Glenn Hauser, OK)
- 6070 **CANADA CFRX** Toronto, 0021-0057 Oct 24, man announcer hosting talk show with listeners calling in. Ad string at 0029 with "News Talk 10-10" ID. Fair but later swamped by Cuba reducing reception to poor. Thanks to Chris Lobdell for tip. Nice to have these guys back. (D'Angelo-PA)
- 6070 **CANADA CFRX** 1221 to 1232 with numerous IDs as 1010 News Talk, but one in particular at 1225, SINFO=45544, information on traffic, weather, and so on, it sounded like a local 10/30. (Davis-OH)
- 6070 **CANADA CFRX** Toronto 1339 multiple ads, "chance to win a trip to the World Jr Hockey Championship in Toronto," "at 8:43 ... what's coming up on the Jerry Agar Show," 2 m & f chat, at 1346 traffic report; fair, some noise 11/7; 1255- loud & clear 11/8 (Prodan-ME)
- 6080 **BELARUS Belaruskaye Radio 1** 1542-1609 Oct 14, talks in listed Belarusian language by man and a woman followed by female vocal. Poor to fair. (D'Angelo-ITALY)
- 6090 **JAPAN Radio Japan** 10/28, 0855. IS heard, then opening with M in CC, all underneath Pastor Melissa via Anguilla. (Barton-AZ)

- 6110 **ETHIOPIA Radio Fana** Nov 14 at 0254, music box IS from R. Fana, fair signal, 0259 announcement; 0324 check in talk, it's much weaker as the sun is upcoming there. Nice that this and 5950 are easy now in North America with lack of ACI or CCI (Glenn Hauser, OK)
- 6115 **JAPAN Radio Nikkei 2** 10/28, 0915. Long list of pop / rock up to Eric Clapton and M anncr in English, "You're listening to RN2" at 0920. Female pop vocals to M at 0940, "More music, all day long". More pop vocals (Shonen Knife - ?). Good. (Barton-AZ)
- 6155 **SOUTH AFRICA Channel Africa** Nov 14 at 0324, English with heavy accent about Ukraine and Russia; 0326 dead air for a minute or so after mentioning Pres. Obama. Then 'Africa Rise & Shine' program name so it's Channel Africa. Fair signal with flutter, much weaker than 6165 Cuba but far enough away from it (Glenn Hauser, OK)
- 6160 **CANADA CKZN** St Johns, Nfld 2252+ "As It Happens" coverage of the morning's events (shooting) at House of Commons, Ottawa, excerpts from PM Harper & other leaders' speeches; 2300 CBC news - more on Ottawa; fair 10/23 (Prodan-ME)
- 6165 **CUBA Radio Habana Cuba** 0206-09 English; report on Ottawa shooting, NORAD, Obama response; good 10/24 (Prodan-ME)
- 6170 **NEW ZEALAND Radio New Zealand Int'l** Oct 25 at *1259, RNZI cuts on with Bell Bird IS, at the correct time to switch from 9700, unlike yesterday when 6170 was on earlier, unbeknownst to the studio playing the QSY announcement anyway (Glenn Hauser, OK)
- 6175 **NORTH KOREA Voice of Korea** 10/30, 1100. S/on, choral anthems, to M and then W in French. Sporano vocalist at 1125. VG. Recheck just before 1200 showed the familiar DPRK - Voice of Korea I.S. (Barton-AZ)
- 7240 **TURKEY Voice of Turkey** 0450 to 0454 with an ID at 0454, SINFO=42432, there was a great deal of interference from several amateur radio stations, a woman asked a question about Turkey, gave the station's postal address, and a male noted future broadcast times, frequencies, and target areas. 11/2. (Davis-OH)
- 7255 **NIGERIA Voice of Nigeria** Ikorodu, 2134-2200* Nov 2, man announcer with talks in listed Fulfulde language hosting program of African vocals/music. Closedown at 2258 by the male announcer. Poor to fair with some intermittent ARO QRM. (D'Angelo-PA)
- 7285 **ENGLAND BBC** Woofferton, -446-0459* Nov 15, Arabic language program with female announcer at 0458 with ID and closing announcements before a man with ID followed by several more IDs before carrier was terminated. Fair. (D'Angelo-PA)
- 7285 **SOUTH AFRICA Radio Sonder Grense** Meyerton (tentative), 0455-0520 fade out Nov 15, noted weakly behind BBC's Arabic program with music. It was in the clear but very weak from 0459 with time pips at 0500 followed by talk. Much too weak to ID language or station for that matter. Faded out by 0520 although weak signal was rapidly deteriorating throughout listening period. Thought I saw somewhere that South African was suffering electrical problems that could impact Meyerton facility. (D'Angelo-PA)
- 7325 **SAO TOME VOA** 0359 to 0402 with an ID at 0400, SINFO=35343, I heard that I was listening to the VOA from Washington, DC and at 0402 the signal was cut, 10/20. (Davis-OH)
- 7340 **ROMANIA Radio Romania International** 0441 to 0445 with an ID at 0445, SINFO=55545, a huge signal, I heard from an English baker who had moved to Romania and had opened up a bakery there, 11/7. (Davis-OH)
- 7360 **VATICAN CITY Vatican Radio** 0458 to 0503 with an ID at 0500, SINFO=34433, I listened to the Africa Service of Vatican Radio, I heard about Pope Francis encouraging the faithful in Malawi, 11/7. (Davis-OH)
- 7365 **GERMANY HCJB** Weenermoor, 1545-1610 Oct 14, German language program with long talk by a male announcer followed by choir vocal just before ID at 1600 before another man continued with religious talk. Fair with occasional deep fades. (D'Angelo-ITALY)
- 7425 **ALBANIA Radio Tirana** Oct 29 at 0230, R. Tirana audible but very poor; about equal level to 7420 Iran which has more fading but also more modulation. Should Albania go to 49m? 6100 and 6105 appear to be clear. (Glenn Hauser, OK)
- 7425 **ALBANIA Radio Tirana** Nov 9 at 0225, R. Tirana IS, fair signal, 0230 theme and sign-on with B-14 English schedule of two transmissions. I'm glad to find reception has improved by now, and notably the R. Tirana modulation is quite good, more so than e.g. KVOH. Signal is enough to shove aside the weaker ACI from 7420 Iran, and 7430 pulse jamming (Glenn Hauser, OK)
- 7445 **CHINA China Radio International** Urumqi, 2129-2152 Nov 7, Chinese music to IS followed by woman announcer with ID opening Hungarian program. News followed by a program mixing talks and Chinese vocals. Fair. (D'Angelo-PA)
- 7460 **BOTSWANA Voice of America** Moepeng Hill, *0328-0344 Nov 16, man announcer opened with "This is the Voice of America, Washington, DC signing on" which was followed by Yankee Doodle theme music. Woman announcer opened program in listed Kinyarwanda language. Man with newscast. Fair to good signal. (D'Angelo-PA)

- 7465 **ALBANIA Radio Tirana** 2108-2128* Nov 7, English service with a woman announcer reading the news. ID, commentary and Albanian vocals followed. ID and closedown announcements by the woman announcer at 2128 followed by IS and carrier termination. Poor with considerable static. (D'Angelo-PA)
- 7906 **VIETNAM Ho Chi Minh Radio** USB, Oct 25 at 1306, YL in English, very weak but enough to copy "longitude", no doubt a notice to mariners of the coordinates of some obstruction in Viet waters, i.e. Ho Chi Minh Radio. But there is CCI from some other talk, maybe a sibling station misfiring? The frequency is time-shared by many others (Glenn Hauser, OK)
- 9350 **USA WWCR** at 2230 10/18. 'Golden Age of Radio' (Fraser-ME)
- 9390 **THAILAND Radio Thailand** 1236 to 1243 with an ID at 1243, SINFO=35433, I heard about the draft of a new constitution as well as a new social security law, 10/30. (Davis-OH)
- 9395 **USA Global 24 Radio** Okeechobee, 2224-2306 Nov 1, The Stuph File Program hosted by Peter Anthony Holder with brief segments and interviews on a variety of subjects; also included Idiot of the Week feature. 2300 station ID mentioning "The next generation of shortwave broadcasting has begun". After ID Pacifica program next featuring Democracy Now with Amy Goodman. Good signal. (D'Angelo-PA)
- 9395 **UNITED STATES WRMI** Global 24 Hour Radio (G24HR), Radio Japan, 1221 to 1230 with an ID at 1229 for Radio Japan, SINFO=55545, the Radio Japan Focus program covered the new free Radio Japan telephone applications for iPad and Android telephones, 11/4. (Davis-OH)
- 9395 **UNITED STATES WRMI** G24HR, South Korea, 1315 to 1331 with an ID 1318, SINFO=45545, I heard about a 100 million dollar fine against South Korea's two automakers for selling cars with false mileage ratings here in the US., 11/4. (Davis-OH)
- 9395 **USA WRMI** Miami 1347-1424 English; music, Latin beat then light jazz; 1400 "24 hours a day on 9395 kilohertz ... this is Global 24 Radio;" then ad for Universal Radio and program of "Cool Jazz 11/8 (Prodan-ME)
- 9400 **CLANDESTINE Denge Kurdistan** 0456-0511 Nov 5, vocals until ID at 0500 followed by a man announcer with news in Kurdish language. Back to music programming from 0506. Fair. (D'Angelo-PA)
- 9420 **CUBA [non] Radio República** on 9420 instead of 9490: "Glenn: I think this was an error at Issoudun," says Jeff White. We'll see if it's back on 9490 to be jammed at 0100 Oct 27 (Glenn Hauser, OK)
- 9490 **CUBA [non] Radio República** Oct 27 at 0159-0200, R. República ID, back on scheduled frequency via FRANCE, and mixed with wall-of-noise jamming, tsk2, instead of clear 9420 where it had jumped 25 hours earlier. So apparently that had been a mistake (or an experiment?), suspiciously in the very first hour of the B-14 season when lots of frequency changes were being implemented (Glenn Hauser, OK)
- 9570 **ALBANIA China Radio International** 0127 to 0134 with an ID at 0130, SINFO=45534, I heard stock market reports from the major exchanges around the world, note: the signal from Cuba on 9580 kHz. 10/18. (Davis-OH)
- 9575 **MOROCCO Radio Medi UN** Nador, 1044-1116 Oct 16, man and woman announcers with French language talk. ID at 1100 followed by Arabic program with a man reading the news. Fair. (D'Angelo-ITALY)
- 9580 **AUSTRALIA Radio Australia** 1025-1110 English; "Our Music" program on roots of Reggae, featuring hip-hop artists (Prodan-ME)
- 9586 **BRAZIL Super Rádio Deus é Amor** São Paulo, 2240-2317 Nov 2, man announcer with long religious talk in Portuguese language. Several announcements at 2258 through 2302 before another man began talking and apparently hosting a music program. Fair. (D'Angelo-PA)
- 9590 **IRAN Voice of Islamic Republic of Iran** 2204-2220* Nov 4, listed Bosnian language talk by a man and woman with brief instrumental music segments 2218 music fanfare, a man with ID and closedown announcements followed by soft instrumental music until carrier terminated. Fair. (D'Angelo-PA)
- 9595 **JAPAN Radio Nikkei** Thu Oct 30 at 1357, R. Nikkei I, fair with English lesson mostly in English, about Scottish separatism (topic based on almost-current events), "that's all for this week", sponsored by Akin (? Sounds like) Foundation of Japan (Glenn Hauser, OK)
- 9615 **ALASKA KNLS** 10/26, 1210. Segment on Exxon Valdez. VG today. However, I thought I'd take advantage of good Rx and listen to the programming. In a short time, signal faded down to poor-fair. (Barton-AZ)
- 9620 **CHINA China National Radio** 2 tentative, 1145 to 1201, with no understandable ID, I found this information on the Internet, Chinese, SINFO=25442, I heard a number of choral pieces sung by women, very pretty music, 10/30. (Davis-OH)
- 9625 **TAIWAN Radio Taiwan Int'l** 11/7, 1430, M and W in dialogue in VV. Good. (Barton-AZ)
- 9745 **TAIWAN Guanghuazhi Sheng** (presumed), 1609-1630 Oct 14, seemingly the one with Chinese language program and music. Fair to good. (D'Angelo-ITALY)

- 9765 **ROMANIA Radio Romania Int'l** 2200, 1011. EE Svc with National News. Good (McGuire-MD)
- 9765 **NEW ZEALAND Radio New Zealand Int'l** at 1035, 10/27 in EE. C&W music. (Fraser-ME)
- 9765 **NEW ZEALAND Radio New Zealand Int'l** 11/8, 1040. Lengthy program in poetry and life of Jim Morrison. VG reception. (Barton-AZ)
- 9790 **CHINA China Radio Int'l** at 0320 10/26 in EE. Report on Ebola. Fair (McGuire-MD)
- 9895 **UAE Radio Taiwan international** 19:42 GMT, Oct 28th, SINPO 24233 fair, French broadcast, news discussing economics & trade. Appears this is via a transmitter in UAE. (Fredette-ONTARIO)
- 9955 **USA Echo of Europe** via WRMI, Okeechobee, 0415-0430 Oct 29, tuned in to hear a woman announcer in English with "Echo of Europe" ID, mentioning broadcast to North America and 11,580 kHz frequency announcement. A man followed with the news in the French language. Another full English ID at 0426 followed by instrumental music until WRMI ID by a male announcer prior to a Spanish language program at 0430. Good signal. (D'Angelo-PA)
- 10000 **ITALY Italcable** 1602-1613 Oct 14, usual time pips with instrumental music. Seemingly FAX type noise followed by 5 short and one long time pip, male announcements on each minute. Poor to fair. (D'Angelo-ITALY)
- 11425 **INDONESIA JBA** Oct 22 at 1341, repeated singing fading in and out, just two syllables chanting, sounds like "hound-dog"; 1353 some JBA talk. (Glenn Hauser, OK)
- 11510 **CLANDESTINE Denge Kurdistan** Pridnestrovie, 1140-1213 Oct 16, nice Middle Eastern music selections along with talks in Kurdistan language with music in background. ID at 1200 followed by music fanfare and news. Another ID after news at 1209 followed by music. Good signal. (D'Angelo-ITALY)
- 11510 **KURDISTAN [non] Voice of Mesopotamia** Oct 24 at 1351, wonderful vocal music of the PKK terrorists on V. of Mesopotamia, via PRIDNESTROVYE, and good to very good signal too but marred by some IADs. If you have any 23 MHz propagation during the long hours this is on, try 2 x 11510 = 23020 as heard by Robin Harwood on the Utwente receiver (Glenn Hauser, OK)
- 11510 **MOLDOVA Radyoya Denge Kurdistan** tentative, 1339 to 1401, with no understandable ID, the station and transmitter location came from short-wave.info, Kurdish, SINFO=45434, I heard approximately five songs, 10/23. (Davis-OH)
- 11625 **VATICAN Vatican Radio** Santa Maria di Galeria, 0435-0452 Oct 25, man announcer with news in French language followed by ID at 0439 including a frequency announcement followed by features. Good signal. (D'Angelo-PA)
- 11635 **ARMENIA Trans World Radio** Nov 10 at 1418, hi-pitched S Asian singing, fair signal, 1419 announcement in unknown language. HFCC shows TWR via ERV = Gavar, not Yerevan, at 1245-1600, 300 kW, 100 degrees to C1RAF 40E and 41. (Glenn Hauser, OK)
- 11640 **TAIWAN Radio Taiwan International** Kouhu, 1242-1250 Oct 16, Mandarin language program noted with talk by a man and woman announcers but swamped by effectively loud Firedrake jamming. Poor. (D'Angelo-ITALY)
- 11670 **INDIA All India Radio** station ID at 20:45 Oct 5th. SINPO 44334 good, ID followed by Indian sitar and Tabla music. (Fredette-ONTARIO)
- 11670 **INDIA All India Radio** 1745-1815 w s/on, ID, frequency list, tk and mx, first time heard this early in the day this season, fair signal 11/1/14 (Feinberg-NY)
- 11670 **INDIA All India Radio** at 20000, 10/16. Hindi svc. Fair (McGuire-MD)
- 11710 **NORTH KOREA Voice of Korea** 1302-1310 w mx, ID and choral mx, poor signal on 10/7/14 (Feinberg-NY)
- 11710 **NORTH KOREA Voice of Korea** 1500 to 1505 with an ID at 1500. SINFO=25332, after the national anthem, the station played their first song sung by a woman, I listened through another song and then the morning noise level became worse, so I tuned out. 11/3. (Davis-OH)
- 11725 **NEW ZEALAND Radio New Zealand Int'l** 0519 to 0545 with an ID at 0545, SINFO=45344, I heard a program on the importance of the social media such as Facebook in Australia, New Zealand, and beyond, this segment should have been edited down to no more than fifteen minutes in length. 11/2. (Davis-OH)
- 11740 **SINGAPORE Radio Japan** 1212 to 1218 with an ID at 1215, SINFO=24442, I learned about the voting in the eastern part of the Ukraine and then the signal faded out. 11/4. (Davis-OH)
- 11745 **BRAZIL Radio Nacional da Amazonia** Oct 25 at 0537, RNA distorted spur with music matching fundamental 11780; weak but definitely there. On matching 11815 it's also JBA vs BSplash from 11825 (Glenn Hauser, OK)
- 11760 **CUBA Radio Habana Cuba** at 1950 10/21 in EE. Thanking US for eradicating the Yellow Fever mosquito (Fraser-ME)
- 11780 **BRAZIL Radio Nacional da Amazonia** 0400 to 0408 with an ID at 0407, Portuguese, SINFO=55434, I heard several interesting R&R songs, 11/7. (Davis-OH)
- 11800 **GERMANY Deutsche Welle** GMT 21:32, Oct 1, SINPO 33233 fair, English news on how to tackle militants in Libya. (Fredette-ONTARIO)

- 11810 **SOUTH KOREA Korean Broadcasting Service** 2240-2248 Oct 16, English service with Korean language lesson segment followed by ID at end of program and update on talks between two Koreas. Fair. (D'Angelo-ITALY)
- 11880 **AUSTRIA Unid** Nov 8 at 0627, fair signal in Arabic with Christian sermon: refers to Yeshua rather than Mohammed; there's also something about the intonation which is unIslamic. Yes, HFCC shows AWR Arabic via Austria at 06-07 — yet, also registered on 11880 at 06-09 is Saudi Arabia! That better be wooden, lest there be a terrible clash of Abrahamists (Glenn Hauser, OK)
- 11905 **SRI LANKA Sri Lanka Broadcasting** 0115-0131 w s/on, ID, Indian vocal mx, fair to poor signal with flutter, faded out by 0140 11/6/14 (Feinberg-NY)
- 11915 **SAUDI ARABIA Radio Riyadh** GMT 21:28, Oct1, SINPO 45444 very good, man singing solo in Arabic (Fredette-ONTARIO)
- 11930 **USA Radio Marti** Greenville, NC 1552-1600 Spanish; f talking to m (on telephone); 1556 stadium rock song "Love Runs Out" (in English); 1559 station IDs by f & m; fair-good 10/17 (Prodan-ME)
- 11950 **JAPAN Radio Japan** GMT 20:54, 27th Oct. SINPO 34233 good to fair, French with some Japanese phrases, music, Radio Japan African broadcast contest with answers required. French son and sign off at 21:00.
- 11955 **UNID Adventist World Radio** GMT 21:25, Oct 23th, SINPO 34333 good to fair, fiery speech about fighting the devil in English with assign off saying it is Radio Ghana? (Fredette-ONTARIO)
- 11955 **SINGAPORE BBC** 11/1, 2300. M with current events program. (Barton-AZ)
- 11975 **ROMANIA Radio Romania International** Gelbeni, 2036-2052 Oct 25, Man announcer with ID during English service program followed by a woman announcer with various short features. Fair. (D'Angelo-PA)
- 11995 **FRANCE Radio France International** 2030GMT, Oct 29th, SINPO 43344, fair to good, French news program, medical challenges in Senegal, emphasis on African news. (Fredette-ONTARIO)
- 12000 **VIETNAM Voice of Vietnam** 11/8, 1240. Sounded like documentary type program in Russian, mentions of "Vietnam". Good. (Barton-AZ)
- 12065 **AUSTRALIA. Radio Australia** Shepparton, 1240-1320 Oct 26, program about legal matters, double jeopardy, etc. around the world. "ABC National News" ID followed by news at 1300 by a woman announcer. ID again at 1306 followed by a man announcer hosting a pop music program. Fair to good. (D'Angelo-PA)
- 12065 **AUSTRALIA Radio Australia** tentative, 1507 to 1526 with no ID, the signal was cut off during a song, very rude, I heard three or four different types of R&R music, 11/3. (Davis-OH)
- 12095 **ASCENSION ISLAND BBC** 2032 to 2038 with an ID at 2036, SINPO=35333, Russia was holding military maneuvers near the Ukrainian border, the News Hour program, 10/29. (Davis-OH)
- 12095 **UNITED KINGDOM BBC** at 2047 10/15 in EE. Poor (McGuire-MD)
- 12095 **ASCENSION ISLANDS BBC** at 2300 10/12 in EE News items on Ebola. (Fraser-ME)
- 13650 **IRAN Voice of Justice** shortly after 0400 to 0419 with an ID at 0419, SINPO=35534, a male announcer saw "US imperialists" using a new tactic -fighting a war with no "boots on the ground," 10/15. (Davis-OH)
- 13840 **MADAGASCAR Radio Japan** Oct 21 at 0539 check, NHK French relay is running, after missing 48 hours earlier, and with usual weekday sidekicks, VOA French on 13830, Cairo carrier 13850 (Glenn Hauser, OK)
- 15105 **BANGLADESH Radio Betar** 1235 to 1248 with an ID at 1242, SINPO=35333, I did not have perfect copy, but I heard information on helping disabled citizens, and then the times and frequencies of other broadcasts, 11/5. (Davis-OH)
- 15110 **ASCENSION ISLANDS VOA** 2143-2159* Nov 4, woman announcer interviewing a man in listed Bambara language. End of program at 2155 followed by ID, announcements and brief vocals until carrier terminated. Fair. (D'Angelo-PA)
- 15130 **ROMANIA. Radio Romania International** Tiganesti, 1124-1138 Oct 16, man and woman with tourist information in English program followed by interview with guest Charles Miller, a Luxembourg theater director who travels often to Romania. Good signal. (D'Angelo-ITALY)
- 15130 **ROMANIA Radio Romania International** 1538- 43 Romanian; 2 m in discussion (via telephone); good & clear 10/24 (Prodan-ME)
- 15140 **OMAN Radio Sultanate of Oman** 1655-1708 Arabic; m & f in discussion; 1658 upbeat musical interlude - string instr & vocal; 1700 news headlines, news; fair 10/23 (Prodan-ME)
- 15170 **ROMANIA Radio Romania International** Tiganesti, 1553-1557* Nov 15, woman announcer with talk in listed Romanian language until end of program at 1556 when another female gave station ID and closing announcements followed by instrumental music before carrier was terminated. Fair. (D'Angelo-PA)
- 15180 **UNID BBC** French service 18:22 GMT, Oct 13th, SINPO 43223 fair with much static crashes, French news service from BBC for African audience, sports news on soccer matches. (Fredette-ONTARIO)

- 15180 **VATICAN CITY VOA** 16:48 to 16:58 with an ID at 16:57, SINFO=2,5,3,4,2, I heard part of the South Sudan in Focus program and a telephone interview with the Editor of the Juba Monitor newspaper,. 10/20. (Davis-OH)
- 15180 **FRANCE China Radio Int'l** Nov 4 at 1427, Russian fair with flutter, mentions Kitaya, so odds are it's CRI, the #1 SW broadcaster in Russian (21 hours a day per WRTH 2014). But I am outfaked as HFCC shows this hour is really RFI from Issoudun (Glenn Hauser, OK)
- 15275 **RWANDA Adventist World Radio** Kigali, 2047-2059* Nov 2, man announcer speaking in listed Yoruba language. Male vocal selection at 2053 followed by a woman announcer with ID, contact information in Lagos Nigeria and e-mail address. Closed with soft instrumental music until carrier terminated. Fair. (D'Angelo-PA)
- 15275 **RWANDA Deutsche Welle** 1910-27 English; f & m disc about European response to Ebola crisis; f "you are listening to Deutsche Welle's Africa [service]"; off at 1927; fair-poor 10/23 (Prodan-ME)
- 15300 **FRANCE Radio France Int'l** 1928-44 French; various news & current events; mostly faint, occasionally fair 10/23 (Prodan-ME)
- 15380 **ROMANIA Radio Romania International** Tiganesti, 1027-1057* Oct 16, French language program with talk by a man and a woman followed by ID at 1030 and an interview feature at 1030. ID at 1056 ending program with soft instrumental music until carrier terminated. Good signal. (D'Angelo-ITALY)
- 15395 **GERMANY Athmeeya Yatra Radio** Nauen 1540-50 unknown language; Indian sounding musical excerpts & f & m speaking; fair, with some good & clear & some static patches 10/24 (Prodan-ME)
- 15435 **SAUDI ARABIA Radio Riyadh** 1708+ Arabic; f & m discussion; fair but with hum 10/23 (Prodan-ME)
- 15440 **KUWAIT Radio Kuwait** at 1746 10/18 in Urdu. (Fraser-ME)
- 15445 **GERMANY Radio Japan** Nauen 1707-1759 Japanese; mostly 50s American pop songs in English, poor (improving a bit) 10/23 (Prodan-ME)
- 15485 **FRANCE Radio Taiwan** at 1650 10/13 in EE. Feature on a bird sanctuary. (Fraser-ME)
- 15505 **BANGLADESH BB** Oct 22 at 1357, VP carrier with flutter, no IS audible till 1359:30, and mistimesignal JBA to 1400:11, BB opening Urdu (Glenn Hauser, OK)
- 15540 **KUWAIT Radio Kuwait** 1845 to 1907 with an ID at 1907, SINFO=25432, I graded the overall signal rating down because of the weak signal, I didn't miss much, just a bunch of rock and roll song and a message from some government ministry,. 10/17. (Davis-OH)
- 15550 **VATICAN CITY Radio Dabanga** 1550-1603 Arabic; m speaking; fair-poor 10/24 (Prodan-ME)
- 15575 **SOUTH KOREA [and non] Korean Broadcasting Service World Radio** Nov 8 at 1404, KBSWR, poor signal with heavy flutter in Korean, presumably the same for English before 1400. However, that was relayed by Global 24! See USA (Glenn Hauser, OK)
- 15580 **BOTSWANA VOA** 2007 to 2017 with an ID at 2016, SINFO 45544, a male announcer noted the African Beat program, I heard a lot of good African music, 10/29. (Davis-OH)
- 15580 **BOTSWANA VOA** English; 2000-2058 "African Beat" music; fair-good, loud 10/23 (Prodan-ME)
- 15590 **THAILAND Radio Thailand** 0020-0030 w nx, comm'l's and a special report about a gathering of scientists in Bangkok, fair signal 10/14/14 (Feinberg-NY)
- 15590 **THAILAND Radio Thailand** at 0015 10/23 in EE. News on attempted assassination in Canada (Fraser-ME)
- 15595 **VATICAN Vatican Radio** Santa Maria di Galeria, 1907-1915* Oct 25, apparent Latin program but only caught choir vocals/music until sudden off at 1915 the carrier was terminated. Fair. (D'Angelo-PA)
- 15700 **GERMANY [non] Deutsche Welle** Oct 26 at 0605, fair signal with YL in French about how to contract Ebola; the SSOB and would be the OSOB if not for weaker, all Africans, on 15120 Nigeria and 15170 RFI South Africa. 15700 is DW via RWANDA at 0600-0630 Sward too (Glenn Hauser, OK)
- 17550 **IRAN Voice of Iran** 1504-14 Arabic; 2 m (one on telephone) discussion/interview; 1520-30 f & m speaking & music; fair 10/24 (Prodan-ME)
- 17880 **GERMANY IBB/Radio Farda** Biblis 1514- Farsi? Discussion, several m & f; poor 10/24 (Prodan-ME)
- 21690 **FRANCE Radio France** 12:25 GMT, Oct 12, SINPO 34233 good to fair with a bit of fading, French dialog discussion of national/political evolution of a country. How political context has changed today in Mali. African radio service of Radio France. At 12:35 news of Ebola development in Africa. (Fredette-ONTARIO)
- 25000 **FINLAND Time Station MIKES** Espoo, 1536-1545 Oct 14, time pips without any announcements with a slight Italyuse and then a long pip on the minute. Fair to good with WWV deep in background. Re-check at 1550 and they were gone. Noted again on October 16 from 1019 through 1053 with nice signal. (D'Angelo-ITALY)
- 25910 **USA KLDE** Eldorado, Texas, 2020-2051 Nov 2, noted with continuous Latin music once again which must be a weekend feature for the oldies station. At 3037 Spanish language ad followed by a man with canned "104.9 FM" station ID. Fair signal but sporadic deep fades. (D'Angelo-PA)

On the Shortwaves

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< www.ontheshortwaves.com > Update, October 26, 2014 -- International Short Wave League - Pt. I. This time we start a three-part series of postings about the early days of the International Short Wave League of the U.K. (not to be confused with the International Short Wave Club, which was also based in the U.K. after World War II). The ISWL was formed in 1946, not as a separate club but as a project of *Short Wave News* magazine, which was founded in January of the same year and published by Amalgamated Short Wave Press of London. Although increasingly the focus of both the League and the magazine became amateur and technical topics, they offered good coverage of shortwave broadcast listening as well. Each month one or more pages of the magazine was devoted to League activities, which were many and varied. Under "DX History/Clubs & Publications" we have posted a file containing the magazine's introduction of the League (in October 1946), and the "League" pages from a dozen *Short Wave News* issues from 1946 to 1951. (*Short Wave News* became *The Radio Amateur* in 1952.) -- This week's "Wavescan" entry from Adrian M. Peterson is the timely "KDKA Memorial: Historic 95th Anniversary Ceremony in Pennsylvania" (N295, October 19, 2014). Look for it under "Specialized Resources/Wavescan."

< www.ontheshortwaves.com > Update, November 2, 2014 -- International Short Wave League - Pt. II. Continuing our coverage of the International Short Wave League, under "DX History/Clubs & Publications" we have posted a file containing samples of the monthly report on shortwave broadcast DXing that was published in ISWL's parent magazine, *Short Wave News*. At first the column was called "Around the Broadcast Bands," edited by the unnamed "Monitor." Later the name was changed to "Broadcast Bands Commentary," and still later "Broadcast Bands Review." These columns are from the years 1946 to 1953. (*Short Wave News* magazine became *The Radio Amateur* in 1952.) Also under "Clubs & Publications" we have posted a photo of the very nice ISWL pin that club members could purchase. -- And under "Specialized Resources/Wavescan," Adrian Peterson takes us to a radio place not often heard from, in "100th Anniversary Panama Canal: The Radio Story, Pt. I" (Wavescan N296, October 26, 2014).

< www.ontheshortwaves.com > Update, November 9, 2014 -- International Short Wave League - Pt. III. In December 1951, *Short Wave News* announced that henceforth the International Short Wave League would be an independent organization rather than a project of the magazine. To wrap up our coverage of the ISWL, we have posted that announcement, together with two later copies of the ISWL bulletin (September 1965 and June 1967) under "DX History/Clubs & Publications." The bulletin was called "Monitor." It is worth noting that even after the club separated from the magazine, *Short Wave News* continued its own coverage of SWBC DX listening. (The magazine became *The Radio Amateur* in 1952.) The ISWL lives on < <http://www.iswl.org.uk/> > -- And it's back to Scotland in Adrian Peterson's "North of the Stone Wall: The Radio Scene in Scotland-2" (Wavescan N297, November 2, 2014). Look for it under "Specialized Resources/Wavescan."

< www.ontheshortwaves.com > Update, November 16, 2014 -- Recently, under "Clubs & Publications," we covered the early history of the International Short Wave League and its parent publication, *Short Wave News*. In 1947 the latter's publisher, Amalgamated Short Wave Press, published a pamphlet, "These You Can Hear," containing a series of station profiles that had appeared in *Short Wave News*. In later years the magazine published other station descriptions as well, and we have gathered together some and posted them in a file under "DX History/Stations." They are from the years 1947 to 1953, and the stations covered are: Polskie Radio; Radiojant and Swedish Radio, Sweden (two articles); El Espectador, Uruguay; OIX7, Finnish Broadcasting Co., Finland; South African Broadcasting Corp., Klipheувel; Technical University, Trondheim, Norway; Radio New Zealand; Radio Monte Carlo, Monaco; Swiss Shortwave Service (three articles); OTC, Belgian Congo (two articles); Voice of Spain; Radio Nacional, Rio de Janeiro, Brazil; Radio Canada; Voice of Denmark; and Radiodiffusion Francaise, Paris (English Service). *Short Wave News* became *The Radio Amateur* in 1952. -- While looking through copies of *Short Wave News* we also found a very nice writeup about an old friend, the late Tom Williamson of Canada. It was published in February 1950, and we have posted it under "DX History/People." You can find Tom's DX biography, "Across Time--and Space," and his ODXA "Looking Back" columns, under "Specialized Resources." -- And it's off to India and the Panama Canal with two new stories published by Adrian Peterson: "100th Anniversary Panama Canal: The Radio Story, Pt. 2," and "The Calcutta Story: QSL Cards & Letters-5," both in Wavescan N298, November 9, 2014, under "Specialized Resources."

< www.ontheshortwaves.com > Update, November 23, 2014 -- We have already posted a couple of items about XMHD, the mediumwave religious station that operated from Shanghai, China in the 1930s: a promotional record, and a brief article. Now there is more information about the station, and it is the basis of a new 10-page illustrated writeup, "XMHD, Shanghai," which is posted under "DX History/Stations." -- And it is back to the story of WYFR in Adrian Peterson's "Tribute to Shortwave WYFR-13: A Historic Era Comes to an End," under "Specialized Resources/Wavescan" (Wavescan N299, November 16, 2014).

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