

The **NASA** Journal

VOLUME LVI NUMBER 7

JULY 2016

TIFC

LIGHTHOUSE OF THE CARIBBEAN



"Let your light so shine before men, that they may see your good works, and glorify your Father which is in heaven."
Matthew 5:16

"LIGHTING THE WAY TO LIFE"

Box
San
Costa
Frequen

5975 Hz. Int.
6.097 mcs. 40
8.065 mcs. 20
97.3 mcs. 734

PTO. LIMON - C.R.

1200 Kc
O.L.

5954 Kc.
D.C.

RADIO



CASINON



VOUS AVEZ ENTENDU
USTED ESCUCHO
YOU LISTENED

T. I. L. X.



CADENA de EMISORAS COLUMBIA
APARTADO 700 - SAN JOSE, COSTA RICA

TO S W L _____ WE ACKNOWLEDGE YOUR RECEPTION
OF RADIO COLUMBIA on 4850 KHz. At 5:23 MRS. LOCAL. GMT
DATE October 21st 1961 1C THANKS FOR YOUR QSL CARD. 72
Technical Data: Xmit FWR _____ KW Antenna _____ QUAD 2 ELEMENT
Other used frequencies:
760, 1080, 1160, 1540, 1320
1460 and 1820 KHz.

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FRX-5 SWL



The Eton FRX5 SWL Edition is your grab-and-go source for local and worldwide information. This special FRX5 SWL Edition receives AM, FM and 12 international shortwave broadcast bands: 2.3-2.6, 3.2-3.6, 3.6-4, 4.6-5.4, 5.6-6.4, 6.6-7.4, 9.1-9.9, 11.5-12.4, 13.5-14.4, 15-15.9, 17.1-18.3 and 21-21.85 MHz. The FRX5 is "quad" powered! It may be powered from solar panel, hand crank, built-in rechargeable lithium battery or three AAA batteries (not included). Wind the hand turbine for four minutes and you will produce enough power for 10-15 minutes of music, news and weather or one minute of talk time. You can also use the micro-USB cable to charge the FRX5's built-in rechargeable battery or pop in a couple of AAA batteries if you want to go old school. It features a digital display and alarm clock. If you want more than just the radio, there is an AUX-input to play your own tunes. If want to listen alone, just plug in your favorite headphones. There is also a bright LED flashlight in the side panel. Use the glow-in-the-dark locator and illuminated buttons when you're in the dark. And for big-time emergencies, flash the red emergency beacon. The FRX5 SWL has an IPX-4 splash proof rating so neither sleet nor snow nor rain will hamper its performance. Ideal for camping trips or preparedness. 5.8" x 7.1" x 2.3" 1.5 lbs. FRX5 SWL Order #6D05 \$89.95

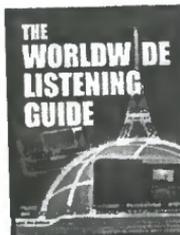
2016 WORLD RADIO TV HANDBOOK

This long established publication is filled with schedules, frequencies and addresses of shortwave broadcast stations. Organized primarily by country. Also includes a by-frequency listing of shortwave broadcast stations, radio cut intro., plus receiver reviews. WRTH Pub. ©2015 70" Edition. 672 p. List price \$49.95. Order #8016 \$44.95



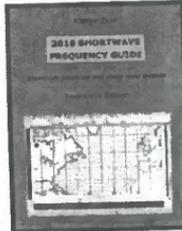
WORLDWIDE LISTENING GUIDE

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



2016 SHORT-WAVE FREQUENCY GUIDE

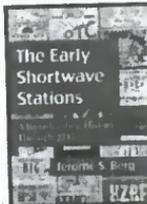
By J. Klingenfuss. This guide has 5,000 shortwave broadcast listings by frequency and includes 8,000 abbreviated entries from *Guide to Utility Stations 2015-16*. You get great coverage of broadcast and utility stations in one up-to-date book! 20" Ed. ©December 2015. 370 p. Order #1580 \$49.95



[CD version also available #6526 \$39.95]

THE EARLY SHORT-WAVE STATIONS

A Broadcasting History Through 1945
By Jerome S. Berg. This year-by-year account chronicles the birth and operation of the large international broadcasters, as well as the numerous smaller stations that were a great attraction to the DXers of the time. Over 100 illustrations and extensive notes, bibliography and indexes. ©2013 Softcover. McFarland 340 p. Lis \$44.95. Order #6141 \$39.95



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The Madison-Milwaukee DX Get-together returns to Madison this year with a few new twists. Here is the official word from **Bill Dvorak** and **Mark Taylor**: "Beginning in 1994 and happening on the third Saturday in August every year since, the Madison-Milwaukee DX Get-together has had a great run. What has made this event so special for so many years has been the great group of attendees who have expressed such enjoyment of and shown such loyalty to it. From the organizers of the GTG, thank you! Your presence inspires us to try to make this event better every year. It will take place on Saturday August 18 from 1:00 to 9:30 PM (come when you can and leave when you must). Please mark your calendars, and please let us know as early as you can if you are coming. There are some changes coming to the event this year. First, there are two DXers jointly hosting this year's event. Joining Bill Dvorak who has hosted ten events will be Mark Taylor who hosted GTG #16 in 2009. Together we are busy planning a great get-together. Second, for the first time since GTG #12 in 2005 we will be holding our get-together in a park. The location is beautiful Lake Farm County Park just south of Madison but close enough that you can see Wisconsin's State Capitol building. We have a shelter house (#3) for the day to protect us from the elements, provide electricity and bathroom facilities. Parking is ample and close to the shelter. There is plenty of room for antennas, and best of all the listening conditions are very quiet! (Mark, Bill and fellow DXpedition partner Carlie Forsythe can attest to the good conditions there). For a taste of what this park is like, refer this website: https://www.countyofdane.com/lwrparks/lake_farm.aspx. Third, we are going have our dinner catered right in the park. This way there is no need for the attendees to move from one location to another and back again; the whole day will be spent in one location (there also is

no chance for attendees to get lost going to or coming from dinner, as has happened occasionally in the past). If you wish dinner the only expense will be the per-individual cost charged by the caterer, which we will inform you of at a time closer to the event. Within the next month much more detailed information on this year's event should be available (and included in NASWA Notes!). In the meantime do not hesitate to e-mail Bill at dxeak@gmail.com or Mark at markkpk@gmail.com with your questions. We hope you can make it. Here's to seeing you on August 20! Bill and Mark." This is an excellent gathering of radio hobbyists of all persuasions with numerous NASWA members in attendance each year. I have been there at least twice and can highly recommend this gathering.

Our Facebook moderator, **Richard Murphy** (1342 Oak Path, San Antonio, TX, 78258) is looking about buying or borrowing any issues of *FrenDX* from 1967-71 that any "old timers" might have stashed away. Anyone who has club bulletins from this period should contact him directly via the above postal address or electronically at richard.murphy@swri.org. Richard is planning to digitize as many old club bulletins as he can get his hands on. Thanks for your help in this project.

Adventist World Radio enters its 45th year of international radio broadcasting by announcing its annual "Wavescan" DX contest for the year 2016. This year's contest is planned as the last ever contest from the AWR DX program "Wavescan" and it comes to you under the title, "Grand Finale" Annual DX Contest: How Many AWR Shortwave Sites Have You Verified? In short, you are invited to make up a list of all of your AWR QSL cards, one only for each different AWR shortwave site. You are invited to make up a tabulated list of all of your AWR QSL cards,

one only for each AWR shortwave site. You may also include reception reports for any AWR shortwave site that you have not yet verified, up to a maximum of three additional sites. The listing of each QSL card for each AWR site that you have verified should show the station name, location, country, frequency, date and a brief description of the card. Where possible, please copy any three of your AWR QSL cards, preferably in color, though black and white can be acceptable, and enclose with your contest entry. Which is your best AWR QSL card? Explain why in one short paragraph. You are invited to prepare three reception reports. All reception reports will be verified with a special contest endorsement. Where possible, you are invited to include three radio cards for the Indianapolis Heritage Collection with your contest entry. This contest will run through the month of August 2016, and all contest entries should be postmarked at your local post office to the end of the month of August 2016 and they should be received at the AWR temporary post office address as given below no later than the end of the month of September 2016. Where possible, please enclose return postage in the form of currency notes in any international currency, or mint postage stamps. Please enclose your postal address label also. The awards for the 2016 AWR "Grand Finale DX Contest" will be similar to all previous contests. All AWR reception reports will be verified with a specially endorsed AWR QSL card. Please remember that it will take a period of many months, well into the New Year 2017, to process all of the contest entries and reception reports, but each will in due

course be processed. Here is the temporary postal address, and it is open only during August and September 2016. Adventist World Radio, Grand Finale DX Contest, Box 771, Bloomington, Indiana 47402-0771.

Radio Taiwan International's (RTI) Public Relations Office sent information that RTI is celebrating its 88th birthday and is inviting you to send them your creative well-wishes from around the world! Use your cell phone or camera to create a picture that combines the number 88 with an image that represents your country (national flag, map, landmark, etc.). You can also use words, audio recording or video to wish RTI a happy 88th birthday. RTI will select the three most creative entries for cash prizes. Successful entrants will also be entered for a prize draw. Sign up now to submit your entry! If you have any questions, please contact: rti88th@gmail.com. Website: <http://events.rti.org.tw/big5/2016Activity/2016rti88/en.aspx>. Link for entry form: <https://goo.gl/KUQW3d>. Good luck!

Finally, a new version of the table of Active-Inactive SWBC Countries has been posted. **Jerry Berg** advises that Chad and Asiatic Russia (R. Sakha) have been moved from inactive to active status, and Micronesia (The Cross) has been moved from active to inactive. For all changes made, see the last page of the list.

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

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. 

Musings

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

Please e-mail musings as MS Word attachments to jalinebk@gmail.com or mail to 3581 Sunview Drive, Paradise, CA 95969-8106. Next deadline is July 27, 2016. Thanks to all contributors.

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

Beginning in June, From the Isle of Music (Tuesdays 0000-0100 UTC on WBCQ 7490 kHz and 1900-2000 UTC on Channel 292, 6070) will begin featuring many of the winners and nominees from Cubadisco 2016, Cuba's equivalent of the GRAMMY Awards. These are new recordings and include everything from traditional Cuban music to Jazz to Rock to Electronica. I also had the opportunity to interview many of the artists during a field trip, and several of those interviews will go on air.

An interesting note about channel 292: It is operated by the Deutscher Amateur Radio Club with an eye more towards covering expenses than turning a profit (nothing wrong with making a profit, of course). I don't know whether our radio clubs in the US have the wherewithal to operate a transmitter, but it does beg the question of whether we could be doing more to keep the medium going - if not in operations, maybe in programming? Hourly rates on most stations may still be too high for a lot of individuals, but if groups of committed people pooled their resources, it could become viable. I would love to see more cultural programming come back on shortwave on the US side, but making that happen (or not) may be up to all of us.

Bill Tilford

Jerry Lineback, jalinebk@gmail.com, Paradise, CA

Contributions to musings have been in short supply this Spring. Surely, some of you would like to contribute comments on programming, equipment, operators, and other matters related to the hobby. I would appreciate receiving your contributions as MS Word attachments to your e-mails. Gmail has proved to be an unfriendly environment for copying text to a file. In any case, Musings needs your contributions.

73, Jerry

Thanks to Bill for his contribution this month, hope to see your contribution soon. 

NASWA Yahoo Group

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

Easy Listening

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

BBC World Service — Program suggestions

The Compass

This is one of several World Service programs that discusses a single topic and positions itself as a program of “ideas”. *The Compass* looks at big ideas, issues, and trends of the 21st Century. The series is somewhat episodic in nature — there have been several multi-episode topics that span several weeks; examples include “My Perfect Country”, in which a country’s take on a specific topic is held up for discussion; “Shakespeare in the World”, how William Shakespeare’s works and values have been adopted in institutions in various countries; and, “Europe’s Challenges”, taking stock on the European Union over the history of the movement.

The program airs weekly in the World Service schedule; all episodes can be streamed through iPlayer or downloaded via podcast. Live availability includes in Sundays 0906, Thursdays 1406 and 2106, and Saturdays 0232 in West/Central Africa, some of which might be audible via shortwave; Sundays 0906, Wednesdays 1406, and Thursdays 1006 and 2106 via the live webcast. US public radio stations carrying the World Service feed air *The Compass* Thursdays 0806 and 2106, Saturdays 0232, and Sundays 1932.

Sportshour

Coverage of sports has long been an important part of the BBC schedule; *Sportsworld* was long a part of Saturday shortwave listening in my house. The coverage of live events in *Sportsworld* was long one of the big stumbling blocks to live listening for the BBC’s audio via the internet; *Sportsworld* had to be blocked due to rights issues. Nowadays, *Sportshour* focuses a light on the world’s sport stories and issues. It draws on the expertise of BBC sport correspondents around the world, and is presented by Caroline Barker.

Sportshour airs weekly, and can be streamed on-demand or downloaded via podcast. *Sportshour* airs live over the internet Saturdays 1306; it appears the timing is the same for the West African and East Asians shortwave services.

BBC Radio 4: St. Helena — Joining the Rest of Us

The BBC’s domestic Radio 4 service has produced a two-part documentary series on the remote island of St. Helena, a place that should bring smiles and memories to DXers from past “Radio St. Helena Day” DXing.

Part of the exotic nature of St. Helena was its remoteness — it had no airport, and was visited only by an occasional boat bringing mail and supplies, the RMS St. Helena; that’s why it was such a neat thrill to hear on the radio each year.

Fast forward to May 2016: St. Helena’s new airport opened as of May 21st, reducing much of the sense of isolation about the place, with the locals hoping an annual influx of tourists will boost the island’s economy.

Search for “St. Helena” on the BBC’s website, and you should be able to find the two-part series pretty quickly. Part One is called “The Land”, Part Two, “The Sea”. The programs can be streamed on-demand, but it doesn’t appear they’re available for podcast. There’s no indication the programs have an expiration date, but you still might want to catch them sooner versus later. About the lack of podcasting as an option: More on that fact in the next section...

Improving the portability of BBC radio programs: get_iplayer

Regular readers of this column (all two or three of you) know that I have long

“time-shifted” and “device-shifted” my consumption of both shortwave and Internet radio, so I could enjoy the diversity of programming while doing other things (such as jogging, driving, or tasks around the house). I use a couple different software tools to capture audio for later listening, and these worked well in a world of RealAudio, Windows Media, and MP3 streaming. As stations have sought to control *how* people interact with their content more tightly, some of these software tools have become obsolete and no longer work.

Last year you might remember some talk about the BBC changing much of its audio streaming infrastructure, making it difficult for Internet “Radios” — popular for perhaps ten years now — to access its content. The BBC launched new formats and protocols for this streaming of live and on-demand programming that work fine on most smartphones, tablets, and computers, but don’t work well with older Internet radios. Nor do these formats and protocols work with the older PC software that I’ve used for years to download BBC audio for transfer to MP3 players, or for transfer to smartphones so I can listen while away from WiFi without consuming cellular data.

I’ve rediscovered a software tool I last explored three years ago while playing with a Linux operating system — a software tool called *get_oplayer* that was initially designed for on-demand capturing of BBC TV programming by UK residents for watching on a variety of devices. It turns out this software works quite well with BBC radio programs, as well. Further — this software continues to work even with the changes the BBC made in 2015 to their streaming audio infrastructure and services!

Get_oplayer is freeware, developed by open-source computing enthusiasts, and is a command-line driven program — suitably geeky for most DXers, I’d think! The software has been versioned for Windows, Mac OS X, various Linux flavors, and the Raspberry Pi device. I have been using the Windows version on my two Windows 10 machines here with no problem.

It took some trial & error, and one posting on the software’s support forum, but after a couple days I have been merrily capturing both on-demand and live audio — as well as setting up time-shifted recording — that I have transferred to an old Android iPhone that I use as an “MP3” player.

Why should you care? Because the BBC prefers to make only part of its audio content available for transferring to other devices via podcast, and often it takes a few hours to make podcast links available, whereas on-demand content, provided through the BBC’s own iPlayer website, tends to be updated quickly, within a half-hour of a program’s airing on radio. Folks that enjoy John Figliozzi’s *Podding Along* program reviews might especially find this interesting.

You can simply Google “get_oplayer” and find the software pretty quickly; its webpage is <https://squarepenguin.co.uk> if you’d rather head there directly. You can zap me an e-mail at the address shown on the masthead if you would like some help with the command-line syntax once you’ve installed the software; if there’s enough interest I can provide a mini-tutorial in the September *Easy Listening* column.

CBC Radio Summer programming

CBC Radio One normally runs a series of new programming during the summer season, with the new schedule likely to begin right around the time you receive the *July Journal*. Unfortunately, the schedule isn’t yet available as of June 24th, so you’ll need to check the CBC schedule as July approaches.

One of last year’s highlights was *As It Happened*, a weekly retrospective of some of the strangest, most unusual, or most hilarious segments from the 46-year history of *As It Happens*. Hopefully 2016 will see the return of this program!

Radio New Zealand International cuts analog output

Radio New Zealand International (RNZI) has been simultaneously sending out both DRM signals and analog signals for the past few years; the DRM signals are meant as utility transmissions to partner radio stations in the Pacific, who then decode the DRM signals and transmit them to local audiences using MW and FM frequencies. Of course, individuals using the right tools can decode DRM signals, but this hasn't been the primary motivation for RNZI to embrace the technology.

Thomas Witherspoon's SWLing blog mentioned that, in a cost-cutting move, RNZI will not be replacing a 27-year-old analog-only transmitter, and instead will use its newer combination analog/digital transmitter for all operations, switching modes at different times of the day. The greatest impact for local / regional Pacific listeners will be during the morning breakfast hours, where DRM mode will need to be used to reach partner stations, which are reaching growing audiences.

RNZI will retain the capability to suspend DRM mode when weather emergencies require, particularly during Cyclone Season, to enable timely dissemination of information to individual listeners who have no backup means of finding out about emerging weather problems. RNZI holds out

hope that the DRM / analog split could, in the future, swing back to analog, as its partner stations develop capabilities to receive RNZI content via alternative methods - either satellite or internet. For now, some stations have access to neither, though this continues to evolve.

The new schedule will begin on July 1st, but the exact changes haven't yet been posted.

As for RNZI content, its featured program is **Dateline Pacific**, which reports on significant news events of interest to listeners in its target Pacific Islands audience; the program airs weekdays throughout the day, airing up to eight times per day, with morning and evening editions available most days. It's a great way to catch up on the most important news across the Pacific. **Dateline Pacific** airs on shortwave Sundays-Thursdays at 2215 UTC, and weekdays at 0308, 0708, 1108, 1308, 1608, 1815, and 2015 UTC. Going forward, some of these won't be available on analog shortwave; check the Radio New Zealand International website for update.

Alas, **Mailbox** - RNZI's listener letters program, no longer is on; that was always a good listen...

That's all for July; hope you have a great summer!

73 DE Richard



NASWA Flashsheet

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

International Broadcasting

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

Downloading apps via shortwave

A recent shortwave transmission from KTWR Guam caused a stir. The religious organization Faith Comes By Hearing (FCBH) announced a "major recent breakthrough": "In Guam, we took a HUGE antenna, (supplied by Trans World Radio), hooked up a data source (a Bible.is app device), turned the power on (250kw) and sent the data into the air bouncing it off the ionosphere over 3,000 MILES! Our team in Chang Mai Thailand, hooked up to this giant router with a proprietary decompiler. Then side-loaded the Bible.is app with all its content to multiple smart phones using a simple wifi broadcaster!"

The "giant router" was apparently a DRM shortwave receiver. Details are sketchy, but the "proprietary decompiler" was maybe the Dream DRM decoding software. The app downloaded via shortwave was then transferred to nearby mobile devices via wifi.

DRM receivers are rare, but it only takes a few to transfer apps to many mobile devices, which in turn can share the apps to other mobile devices. But, if you can get a DRM receiver and the DRM software into a denied area, it would probably be easier to get the app itself to that area, by way of an SD card or other medium. If the idea is to transmit several apps into the target area, or to update an app frequently, then the presence of the DRM receiver makes more sense.

Weighing in at 24 Mb, it probably took a few hours to transmit the Bible.is app. The HF version of DRM can be transmitted as fast as 34.8 kbps, but because there can be no errors when transmitting an app, KTWR probably used one of the slower, error-correcting flavors of DRM.

Apps needed to download apps

DRM, with its 10 kHz (and possibly even 20 kHz) bandwidth, has an advantage over the VOA Radiogram method of digital modes via analog radio. On VOA Radiogram, we have only about 2 kHz of bandwidth to work with. The fastest mode we can muster is 8PSK1200F, 4200 wpm, 1200 baud, maybe 1.2 kbps. And because errors are likely, we would have to use Flamp, which enables multiple transmissions to correct any bad blocks. Unless the app is very small, transmission could take a very long time.

VOA Radiogram does have the advantage in that it can be received on any shortwave radio. But it still need apps (Fldigi with Flwrap or Flamp, or similar) to download apps. I wonder if Android phones, or maybe old laptop PCs, come with a built-in app, like a dial-up modem, that can accept data transmitted via shortwave.

In any case, the KTWR/FCBH experiment has encouraged a new round of thinking and discussion about the possibilities of shortwave in the Internet era.

The transmission of the Bible.is app is not entirely a "breakthrough." In 1981, Jonathan Marks, on his Radio Netherlands Media Network program, transmitted, via shortwave, a small BASIC software program, suitable for the TRS-80 and other PCs of that era.

Privatize VOA?

Many Voice of America employees are nervous about an amendment to Defense authorization legislation that would "reform" the Broadcasting Board of Governors and U.S. international broadcasting. Rep. Mac Thornberry (R-TX) introduced, and the House passed, an amendment that would,

among other provisions, authorize the CEO of the BBG "to establish an independent grantee organization, as a private non-profit organization, to carry out all broadcasting and related programs currently performed by the Voice of America." In other words, VOA would become a "grantee" corporation just as RFE/RL and Radio Free Asia are now.

AFGE 1812, the union local representing VOA employees, is particularly opposed to this amendment, as VOA employees would lose the job security they now enjoy as members of the Civil Service.

VOA employees should probably be more concerned about the first mission requirement of the new VOA spelled out in the amendment: "[VOA shall] serve as a consistently reliable and authoritative source of news on the United States, its policies, its people, and the international developments that affect the United States."

Over the years, audiences have tuned in to VOA mainly to receive "consistently reliable and authoritative news" about their own countries. As much as the fact may pain us, these audience are rather less interested in what's going on in the United States. This amendment, therefore, might more accurately be called the Transfer Audience from VOA to RFE/RL and RFA Act. And for places where there is no RFE/RL and RFA, e.g. Africa, Latin America, Kurdistan, new Radio Free Whatever will probably have to be created to fill the void created by a much less relevant VOA.

"Before a new iron curtain falls."

International broadcasting has been under the spotlight not only in Congress but also in the editorial pages. A *Washington Post* editorial on June 8 stated: "Just as the U.S.-sponsored radio stations beamed truth behind the Iron Curtain, the West today

should build a powerful digital 'transmitter' that can reach billions of people trapped in dictator-land. It should help people circumvent digital firewalls and take advantage of new social media."

But as we have been discussing, if the firewall involves cutting off the landlines that bring Internet traffic into a country, then it may fall back on shortwave to beam truth. If there are still any shortwave transmitters operating.

The editorial continued: "The West needs to contest more vigorously the battle for ideas, a struggle in which Russia and China have become adroit, flooding the international media space with toxic propaganda, from broadcast outlets such as Russia's RT and China's CCTV News to armies of Internet trolls."

The BBG has, but generally does not release to the public domain, audience research data the size of the audiences Russian and Chinese international broadcasters are actually attracting. These data would let us know how much we really need to be concerned about RT and CCTV.

And, finally: "The West's strategy cannot and should not mimic odious big-state propaganda. Rather, it should showcase liberal values and ideals."

Well, a "showcase" is still propaganda. What international audiences are really looking for (see above) is news that is more reliable and credible than what they get from their state-controlled domestic media. The audience numbers for BBC World Service, which fiercely protects the independence of its news product, bear this out.

Views expressed are my own. See voara-diagram.net and www.kimandrewelliott.com.



Shortwave Center

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

What seems to be a death watch for tropical frequency shortwave broadcasting continues apace, as evidenced by Anker Petersen's continued research set out below. However, if you read further on, the head of Digital Radio Mondiale offers a more positive future outlook for radio in general. In any event, hope you are enjoying your summer and using the warm weather to repair and upgrade your antenna system for the coming DX season. It's not as far off as we think. - ed.

SHORTWAVE RESEARCH

Trends in tropical bands broadcasting 2016

By Anker Petersen, editor of the *Domestic Broadcasting Survey*

Since the Danish Shortwave Clubs International (DSWCI) published its first Tropical Bands Survey in 1973, I have registered

which stations are active, based upon loggings from our members and other DX-ers around the world. Here is an updated status where Clandestine and Pirate stations not are included.

Active domestic transmitters on 2200 - 5800 kHz

Region	1973	1985	1997	2009	2016
Central Africa	102	76	40	18	8
Southern Africa	57	9	33	20	10
Middle East	9	4	1	0	0
Indian Subcontinent	62	45	45	29	17
South East Asia	40	29	21	4	1
Indonesia	171	105	65	13	5
China, Taiwan, Mongolia	119	110	75	32	19
CIS (former USSR)	61	59	47	7	6
Far East	38	28	28	9	10
Papua New Guinea	17	20	20	15	5
Australia and other Pacific	10	4	13	8	10
Central America, Mexico	21	23	24	5	1
Caribbean	29	3	3	2	3
Northwestern South America	98	41	19	3	2
Ecuador	47	33	22	5	0
Peru	78	69	78	28	9
Bolivia	35	42	25	14	5
Brazil	107	87	67	35	27
Southern South America	5	2	1	0	0
Total	1106	819	627	247	138

During the past year the previous trend, that Tropical shortwave stations slowly disappear, continued throughout the world. The reason is, that other media get higher priority, than keeping elderly shortwave transmitters alive. However, there was only

a minor fall from 147 last year to 138 frequencies this year.

Here are some domestic broadcasting stations on the Tropical Bands, which have closed down during the past year:

kHz	kW	Station	Country	Last log
3205	10	NBC Sandaun, Vanimo	Papua New Guinea	APR15
3210	1	Vintage FM Relay, Razorback	Australia	JAN15
3380	1	Centro Radiofonico Imbabura	Ecuador	SEP14
3905	10	NBC New Ireland, Kavieng	Papua New Guinea	APR15
4319	3	AFRTS Feeder, Diego Garcia	Diego Garcia	DEC14
4716,7	1	R Yatun Ayllu Yura, S.Antonio	Bolivia	APR15
4765	10	R Rural, Santarem	Brazil	JAN15
4789,9	0,5	R Visión, Chiclayo	Peru	APR15
4820	50	AIR, Kolkata	India	JAN15
4860	50	AIR, Shimla	India	APR15
4885	1	R Maria, Anápolis	Brazil	SEP14
4975	1	R Iguatemi, Osasco	Brazil	APR15
4976	10	UBC R, Kampala	Uganda	APR15

Radio Liberty "Munich Period" Russian Broadcasts Available

From Radio World

By Paul McLane

June 4, 2016

Those interested in the history of U.S. Cold War international broadcasts aimed at the U.S.S.R. have a new resource.

The Russian Service of **RFE/RL** has published an online searchable database of its programs from 1953 to 1995. **Radio Svoboda** worked with the Vera and Donald Blinken Open Society Archives (OSA) at Central European University and the Hoover Institution Library & Archives at Stanford.

Radio Liberty launched in Munich in 1953 and moved to Prague in 1995. According to the OSA website, the original open-reel tapes containing the live broadcasts of the "Munich period" were preserved, archived and digitized by the Russian Service staff in Prague in the late 1990s. **RFE/RL** donated the tapes and digitized copies to Hoover Institution Archives, which last year

authorized OSA to create metadata for the digitized audio, process the collection and prepare it for publication online.

RFE/RL said the archive consists of some 26,000 audio clips aired to the Soviet Union and Russian Federation. The content includes news and political programs about the U.S.S.R. and a collection of clandestinely published materials "about trials, imprisonments and forbidden expressions of life behind the Iron Curtain."

In the announcement, **RFE/RL** Editor in Chief Nenad Pejic was quoted saying, "Today, when Russians are again relying on **RFE/RL** and **Radio Svoboda** for credible news, these archived programs take on a new meaning."

RFE/RL, formerly **Radio Free Europe/Radio Liberty**, is funded by Congress through the Broadcasting Board of Governors.

<http://www.radioworld.com/article/radio-liberty-munich-period-russian-broadcasts-available/278953>

Mother Angelica Honored Posthumously

From AL.com

By Greg Garrison

June 4, 2016

Mother Angelica was honored posthumously this week with the President's Medallion from the Catholic Academy of Communication Professionals.

Mother Angelica, founder of the Alabama-based **EWTN** Global Catholic Network, died on Easter Sunday, March 27.

The medallion was presented on June 2 during the annual Gabriel Awards gala at the Catholic Media Conference in St. Louis. **EWTN** Chairman and Chief Executive Officer Michael P. Warsaw accepted the award, the Academy's highest membership honor, in recognition of Mother Angelica's lifetime achievements and contributions to Catholic communications.

Warsaw thanked the Academy members for honoring Mother Angelica and told the audience that he had once asked Mother what she thought her legacy and the legacy of **EWTN** would be.

"She said her legacy, and the legacy of the Network, would not be what had been done, but how it had been done - by relying totally and completely on the Providence of

God," recalled Warsaw. "So I would encourage everyone, particularly those in Catholic media, to follow Mother's example of relying upon God's Providence in your own lives as you work to spread the Gospel."

The Catholic Academy of Communication Professionals is an organization of broadcasters, communications directors, public relations personnel, and other professionals involved in using media to serve the Church. The Academy honored Mother Angelica in 1984 with its Personal Achievement Award for her efforts in founding **EWTN**.

EWTN Global Catholic Network, in its 35th year, is the largest religious media network in the world. **EWTN**'s 11 TV channels are broadcast in multiple languages 24 hours a day, seven days a week to over 265 million television households in more than 145 countries and territories. **EWTN** also includes radio services transmitted through SIRIUS/XM, iHeart Radio, and over 500 domestic and international AM & FM radio affiliates; a **worldwide shortwave radio service**; the largest Catholic website in the U.S.; electronic and print news services, including "The National Catholic Register" newspaper, and two global wire services; as well as a publishing arm.

http://www.al.com/living/index.ssf/2016/06/mother_angelica_honored_posthu.html

Germans Close Business in Rwanda After Half-Century Lease Expires

From KT Press

May 31, 2016

By Jean de la Croix Tabaro

Once a powerful facility in the region, the German owned **Deutsche Welle** radio center

at Kinyinya hill outside Kigali is finally and completely shutting down. It's no more.

In 1965, Rwanda leased 68.4 hectares on Kinyinya hill for fifty years to the Germans that later set up a massive facility to boost **Deutsche Welle**, Germany's international broadcaster.

'We are stopping our short wave transmitters today and then next week we will start dismantling them and the masts in order to meet the deadline of August when our license expires," said Bernhard Ahlborn, the deputy director of **Deutsche Welle**.

On March 28, 2015 the facility stopped its operations, to begin dismantling their equipment, to pave away for the handover of the land to Rwanda government.

The Germans will today hand over the premises of the relay station with its infrastructure to the Government of Rwanda, to mark the end of a 50-year concession agreement.

The **Deutsche Welle** relay station in Kigali has been serving African and the Middle East audiences. It was the only firm facility of the kind that was remaining. The Germans had similar facilities in other 60 countries.

According to officials at Rwanda Utilities Regulation Authorities (RURA) the land plus

houses that were developed in the area will be handed over to government of Rwanda.

The annual operational cost of Kinyinya transmitters was said to be €3.3 million (about Rwf2.7 billion), but it is alleged the firm was making loss, hence giving up its relay station in Rwanda.

With new technology, Frequency Modulation (FM) and Internet available, the public finds no need of switching to short wave radio signals.

Today, Rwanda government officials from Ministry of Foreign Affairs and Ministry of infrastructure and the Germany Embassy will witness the handover.

The **Deutsche Welle** property is adjacent to hundreds of hectares of land that was acquired by Rwanda Social Security Board (RSSB) to develop affordable housing units.

<http://ktpress.rw/2016/05/germans-close-business-in-rwanda-after-half-century-lease-expires/>

From The Tibet Post via the Australia Radio DX Club

Voice of Tibet Celebrates 20-Year Anniversary in Dharamshala

Dharamshala — "Voice of Tibet", an independent radio station based in Norway transmitting shortwave radio programmes in the Tibetan language as well as Mandarin Chinese celebrated its 20th anniversary.

The event was celebrated at Imperial Heights Resort, Khanyara, Kangra valley in Dharamshala, on Saturday evening, May 14. Dongchung Ngodup, former Kalon of Department of Security, was the chief guest on the occasion. Other participants of the special event were Sonam Chomphel Sosur, the Election Commissioner, DIIR Secretaries; Sonam Norbu Dagpo and Tashi Phuntsok, Maria Dahle, Chairman for the board of the Stiftelsen **Voice of Tibet**, Øystein Alme, the director of the Stiftelsen **Voice of Tibet**, and representatives of the Tibetan media and NGOs.

Dongchung Ngodup spoke about the importance of defending press freedom and how the exile media should continue their works in the right direction. He said Tibetan journalists too have equal responsibility in advancing the cause of Tibet. On the contrary he believes that **VOT** has contributed much towards the Tibetan cause through their work in journalism, while serving the Tibetan Community.

As we are refugees in another country, the Tibetan journalists also must remember that the Tibetan freedom struggle, which should continue to always be the top priority,' he said while speaking about the concept of press freedom in exile.

The **VOT**, is a radio station operated by Tibetans living in exile in the Himalayan town of Dharamshala, India. **VOT** has "trained more than 40 journalists, many ex-**VOT** are working as journalists in other media organizations, while serving the Tibetan community," Editor-in-Chief of the radio station, Tenzin Paldon said while giving a brief history of her news agency.

Maria Dahle, who is also Executive Director of Human Rights House Foundation (Norway) talked about the challenges they faced for many times while trying to improve the news agency. She expressed her gladness over the Tibetan women, who are playing a great role in their career. "Tenzin Paldon is the first female editor-in- chief of Voice of Tibet," she added.

Øystein Alme praised late Kunsang Paljor, a former senior reporter of the news agency, best known for his life's work, saying that "his legacy will remain with them for a long." Mr. Alme also spoken about challenges they faced during two decades, including the

SHORTWAVE OPINION

From Radio World International

Podcast, Broadcast or Simulcast?

June 3,2016

By Ruxandra Obreja

The author is the Chairman of **Digital Radio Mondiale**.

On a recent trip to Nigeria I had the chance to meet many well-informed professionals. One young man who works for a multi-national company told me that his data plan, which allows him access to the internet on mobile, exceeds the country's average monthly salary.

When I asked him how young people in Nigeria obtain news, he explained that it was common for them to listen to the radio in the morning and then go to the internet later in the day for only a few minutes (to avoid

Chinese jamming radio transmissions from **VOT** and saying it is "a violation of basic human rights."

On behalf of the news agency, **VOT**'s Senior editor Tenzin Norsang gave a thank-you speech. During the event, traditional Tibetan songs and dances were also performed, by the Dharamshala based Thangtong Lhugar Tibetan Performing Arts.

VOT has been airing daily programmes in both Tibetan and Chinese on shortwave to Tibet and China as well as India, Bhutan and Nepal since 1996. In the introduction, **VOT** said its main "objectives are to provide a channel for unbiased information and news to the Tibetans living under Chinese oppression in Tibet.

In Tibet, the Chinese Communist government have monopoly control over the mass media, and with lack of an independent information source, the general public have no access to free information and total lack of a channel to voice their right to speech."

reaching the monthly limit) to get updates. They subsequently disseminate the most important news via *WhatsApp* or *Twitter* to those who don't have Internet access at all.

This is just one example of why radio and terrestrial broadcasting may not be as endangered as some would like to make us believe. The Internet, mobiles and all the new platforms, are popular, disruptive, even sometimes addictive, but they cannot fully replace radio or TV.

In fact, radio is still the top source of information across 36 African countries, according to *Afrobarometre*, with about half of the population using radio as the primary information source, even if daily usage is not increasing in some countries and decreasing in a few.

Radio listening in the United Kingdom is on the increase and radio advertising in India demonstrated an uptrend in 2015. So, it appears a little premature to eliminate breakfast radio from one's phone to make place for *Spotify*.

While a narrative on the way all things related to broadband (including Wi-Fi, Bluetooth, radio-free dashboard in cars) is taking over the world and may turn heads, the fact of the matter is that, according to Edison Research, FM/AM radio is still being used by 84 percent of motorists in the United States, while only 21 listen to the radio online.

There is a lot of data predicting rising levels of data usage by the mobile industry. But how valid is this information? We are told that for the **BBC**, for instance, distribution over the Internet is predicted to be on par but not to overtake the airwaves before circa 2027.

Radio is here to stay and the cyclical announcements and debates about its demise are highly exaggerated, while of course they shouldn't be ignored. The

medium needs to invest in its strong points and go digital in order to enrich the same great qualities that have always defined it — portability, immediacy, quality, adaptability and innovation — with the added choice of multimedia options.

Take the example of India, where **DRM** is currently delivered to nearly 50 percent of the population and listeners now have access to additional programs and music, when before they had a limited selection. FM today cannot offer this same choice, nor can the approximately 1 billion Indian mobiles on the market.

While the availability of digital receivers is still a challenge, how great it would be if listeners could access this new content on mobiles free of charge and not via expensive data plans.

In the U.K. it is possible for listeners to get all the radio, television and online services the **BBC** provides for as little as just under US\$1. But that is, unfortunately, only the exception. Giant steps still need to be taken in order to offer the equivalent in other parts of the world.

SHORTWAVE HISTORY

Tracing Radio Berlin International

By Sabine Schreck

British DX Club

"This used to be a truly international place", the person next to me told me. I was sitting in a large old building situated in the middle of nowhere in East Berlin. In 2003 I was part of a film crew, which had built its set here because the wide corridors made filming easy. Having grown up in West Berlin, the idea of 'international' and East Berlin didn't quite go together. It sparked my interest.

The building's address was Nalepastrasse 50 in the district of Oberschöneweide and used to be the home of the East German broadcast service, including *Radio Berlin*

International (RBI), East Germany's world service, which had its offices on the 4th floor. The building was originally a furniture factory with wide halls and small offices on each side. In 1952, the architect Franz Ehrlich was commissioned to create a broadcasting complex with studios and recording halls. When designing the studio complexes, Ehrlich integrated the latest developments regarding acoustics with the result that the quality of the recording halls is still appreciated by musicians today. Broadcasting ceased in 1991.

Seven years after my encounter at the former broadcasting house I took an MA in Radio at Goldsmiths, London, which included a 'Cultural Enquiry' in form of

an essay. It was the perfect opportunity to investigate this curious radio station called **Radio Berlin International** and find answers to the questions: Why would a socialist country like the GDR broadcast to the western world? How was it able to create programmes that adhered to reporting restrictions imposed by its government and still appeal to a country like the UK? Who would listen to it and why? With that task in view, what special position did **RBI** hold among the GDR's broadcasters?

There was not much literature about **RBI**, apart from Heinz Odermann's book *Wellen mit tausend Klängen* (which could be translated as 'Waves with Thousand Sounds'), which slightly lacked a critical distance, and the odd post on the internet. There was nothing about the station's English Department itself on which I decided to focus. The only published material about **RBI**'s English Department exists within **Radio Netherlands'** programme *Media Network - Behind the Berlin Wall November 1990* produced by writer and international broadcaster Jonathan Marks in 1990. It reports on the changing media in Berlin after November 1989.

What was left for me to study were the few remaining documents of the station, which can be found at the German radio archive - the Deutsche Rundfunk Archive in Potsdam-Babelsberg, track down people who worked at the station and find those who listened to it.

Chrissy Brand was one of the listeners and she kindly asked if she could publish the results of my research here. With great pleasure! It comes in three installments. The first part provides a brief outline of the GDR and its media to understand the context from which **RBI** emerged. It also presents the origin of **RBI** and its objectives.

Between Party Line and the Open World: Radio Berlin International - Part I

The media in the GDR was subject to control by the socialist party Sozialistische Einheitspartei Deutschlands (SED), translated

as Socialist Unity Party, which led the country throughout its existence from 1949 to 1990. During that time freedom of expression and freedom of information as it is practiced in the western world did not exist in the GDR. Following Marxist and Leninist principles, the task of the media was to present and support no view other than that of the party. Any critical comments that would harm the party's image, particularly regarding its failures within the system, for example, shortage of building materials and goods, were taboo. In contrast to that, the Western Allies established media in West Germany as an independent body free of the influences of political parties.

In order to work as a journalist in the GDR, a one-year internship was required with either a newspaper or a radio station. During that time, officials could judge if the aspiring journalist was able to conform to the views of the party when reporting. This was followed by training at the Journalism Department at the university in Leipzig. TV Journalists also had the option to go the GDR's Film and Television School. In either case, they were trained as 'socialist' journalists.

Joining the airwaves: Radio Berlin International

In 1953 West Germany's international broadcaster **Deutsche Welle (DW)** began its operations. Its aim was to broadcast German and European viewpoints in politics, culture and economy and to promote the understanding between people. This included presenting a contemporary Germany. Politicians in the German Democratic Republic however, felt **DW** portrayed the GDR unfavourably and decided to establish their own international broadcasting in order to counteract **DW**. With **Radio Berlin International** the GDR also aimed at presenting itself to the world as a country whose politics fought for peace and humanity.

In 1955 the GDR started broadcasting in French and English. Swedish, Danish and Arabic programmes followed until **Radio Berlin International** was officially

launched in 1959. Then, in 1965, services for Africa, Italy, North and South America as well as South East Asia were introduced.

RBI broadcast in English, French, Swedish, Danish, Arabic, Spanish, Portuguese, Swahili and later in Hindi and Greek. In 1967 **RBI** founded a DX Club for radio-amateurs and shortwave listeners. From 1969, a German programme was produced for listeners in Europe. From 1967 to 1982, the station produced the *RBI Journal* that was printed in up to eight languages and sent to listeners of **RBI** free of charge.

After the fall of the Berlin Wall, **RBI** reported more freely and critically about the GDR. Moreover, **RBI** offered an East German view on the developments in the country that led to the German reunification on 3 October 1990, before the station was shut down on 2 October 1990. The argument was that there was no need for another international broadcasting service alongside DW in a reunited Germany, where the GDR officially has ceased to exist. A few members of staff, however, were able to join **DW**.

Despite producing programmes for South America, Africa, the Middle East, Asia and South East Asia, **RBI** did not broadcast to other countries of the Eastern Bloc since presenting socialist views and the GDR's development to fellow socialist countries seemed obsolete.

According to Heinz Odermann in *Wellen mit tausend Klängen* the aim of **RBI** was to present the GDR to people abroad and to reach people who knew either nothing about the GDR or only heard about it through reports in western media. The programmes were to inform about life in the GDR, to promote peace and instill trust in the GDR as an economic partner. This was done with the interests of the state in mind, particularly with regard to its foreign policy, foreign economy and culture.

In a fact sheet published by **RBI** in 1975 the station describes its objectives: "**RBI**

aims to provide its listeners all over the world with a picture of life in the socialist German Democratic Republic. We provide information on our peace policy and put forward our point of view on international events. **RBI** expresses its solidarity over the airwaves with all progressive forces fighting against imperialist exploitation and oppression and plays its part in the struggle for the welfare of mankind, for freedom, peace and friendship between peoples."

A major issue was the fact that the United States, among other countries, stationed nuclear weapons in West Germany, while the USSR stationed nuclear weapons in East Germany. With the constant danger that a conflict within the Cold War might escalate on German territory, the demand for international security was extremely high. Odermann writes: "*The GDR enters international politics in order to follow the path of understanding with all nations. Therefore it strives for good relations with France, England and the US.*"

Nevertheless, Odermann does not hesitate to express a more radical task of **RBI**: "As broadcaster of the GDR, **RBI** has the task to reveal the role West German Imperialism within the framework of America's global strategy and to expose worldwide its revanchist, neo-fascist and neo-colonial master plan."

He also points out that issues between the two German states were preferably not broadcast to a foreign audience, which means the Berlin Wall was rarely mentioned in its programme. Reporting conflicts would acknowledge them in the first place. This would have been at odds with the GDR's desire to portray itself as a peaceful and harmonious country that wanted to be an attractive or 'better' place to live in. How exactly **RBI** managed to portray the GDR as a 'better' place, will be explored in the next part, where I take a closer look at the English Department of the station.

[Ed. Note: This series will continue in a future *Journal* edition.]



Listener's Notebook

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Times are UTC and frequencies in kHz.

ALASKA I took a risk and decided to call **KNLS** earlier today. (This took a lot of "gumption"). I reached a gentleman named Jeff — he's the Frequency Manager — very pleasant fellow - I told him, politely, that my reception reports seem to have disappeared into thin air. Actually, I was just honest with him — told him I was a bit curious about the situation — I was very tactful (he was very understanding). He was pleased to hear from me and told me that the station broadcasts between 0800-1800 and changes frequencies every hour. I think he said KNLS has just assembled a 150,000 watt transmitter and had just started using it. He asked me to monitor the reception as my time allows. I told him I would very much like to do this. We talked for quite some time — his email is: jawskitx@hotmail.com. (Kevin Molander-CA)

KNLS The New Life Station return to on air, June 3:

0800-0900 on 9655 Russian tx#1
0900-1000 on 9655 Chinese tx#1
1000-1100 on 9655 English tx#1
1100-1200 on 9610 Chinese tx#1
1200-1300 on 7355 English tx#1
1300-1400 on 9920 Chinese tx#1
1400-1500 on 7355 Chinese tx#1
1500-1600 on 9920 English tx#1
1600-1700 on 9920 Russian tx#1
1700-1800 on 9920 Russian tx#1
(DX Mix, Bulgaria)

ALBANIA QSL Initiative of **Radio Tirana** and the Austrian DX Board (ADXB): Thanks to the co-operation between the German language branch of the Radio Tirana Listeners' Club and the Austrian DX Board (ADXB), a special QSL will be issued from September until November 2015. Conditions are as follows: Irrespective of the language monitored, only one QSL will be issued per frequency. - Any language other than Albanian shall count; - Only AM (SW/MW) transmissions originating in Albania shall count; - Contest Reports are invited to the following address: ADXB - Austrian DX Board, Harald Suess, P.O. Box 1000, A-1081 Vienna, Austria-Europe. Cost per reception report: 2 IRCs or 2 EUR

or 2 USD. Timeframe: 1 September to 30 November 2015 (UTC). Souvenirs from Albania will be drawn for the participants. Winners will be published on the ADXB website www.adxb-oe.org in December 2015. The German language department of Radio Tirana also has a listeners' club, which is headed by Werner Schubert in Germany. Therefore, reception reports in German should be sent to the following address: Radio Tirana Hörerklub, Werner Schubert, Poststraße 8/1, D-85567 Grafing bei München, Deutschland or e-mail tirana-hk@finkhaus.de. The ADXB - Austrian DX Board - is an Austrian DX-Club for residents of Austria, with currently 150 members and a club station in Vienna. For further information please contact ADXB, Harald Suess P. O.B. 1000, A-1081 Vienna, Austria-Europe or e-mail adxbsuess@aon.at. In A15, the transmission schedule until mid-October 2015 is as follows:

German: Monday through Saturday 1930-2000 on 7465

English: Monday through Saturday 2000-2030 on 7465

English: Tuesday through Sunday 30-0200 on 9850

French: Monday through Saturday 1730-1800 on 7465

Italian: Monday through Saturday 1700-1730 on 7465; SW - Transmitter Shijak - 100 kW. QSLs will be sent by Radio Tirana directly from Albania. We are looking forward to your reception reports. (Radio Tirana Listeners' Club and the ADXB)

ANGOLA 4949.8, **Radio Nacional de Angola**, Mulenvos, 1957-2030, 06-06, comments, Portuguese, African songs. Very weak, best on LSB. 14321. (Méndez-Spain/PlayDX)

AUSTRALIA 2368.469, Jun 5, 1025, only tiny weak threshold signal of -98dBm **Radio Symban** heard around 10.25-10.27 June 5th, on remote SDR unit in Brisbane, Queensland. Disturbed a little bit by tropical thunderstorm audio scratches. [Selected SDR options, span 12.5 kHz RBW 15.3 Hertz] To compare ABC Northern Territory **VLBA** Alice Springs

on 4835 kHz on that Brisbane SDR antenna, is S=9+25dB -49dBm, live sports transmission in progress at 10.45 UT on June 5th. Listen to attached recording file of flute shepherd music in ogg.format. Seemingly a music request program in Greek language was in progress, heard a lady presenter on air in between, and phone-in connection to a male. (Wolfgang Büschel, df5sx, wwdxc BC-DX TopNews)

The HFCC conference is being held this year in Brisbane from the 24th to the 26th August, 2015. This has attracted Jeff White from WRMI fame. Jeff as you know runs transmitters from Florida for years, and has also taken over WYFR transmitters. This I think makes Jeff the biggest private owner on shortwave, (non-government). (ARDXC)

I'm afraid WRTH has it wrong in regard to the use of 2310 in the period 0830-2130. People in our hobby need to realise that the three vertical incidence HF transmitters built at Katherine, Tennant Creek, and Alice Springs in the late '80s (I think, as I was involved) are automated transmitters and rarely are they visited by technical staff. Even when first built they had problems with the technology that they designed and built to automatically shift frequencies every evening and morning at these 3 transmitter sites. (In those days, the technical support staff were based in Darwin, and probably still are: this required lengthy flights to fix problems). A couple of years ago - I understand from a meeting I had with Nigel Holmes (then Radio Australia frequency manager) - Broadcast Australia or the ABC asked him if it would matter greatly if they left VL8A to operate on 4835 24/7. On the basis of his advice they decided to leave the transmitter to operate only on 4835, as it was too difficult or costly to fix the process that changed the frequencies twice daily. So don't ever expect to find VL8A on 2310 again. (Jerome van der Linden-Australia/ARDXC)

BELARUS "Belarusian Radio" this year will celebrate its anniversary. November 15, 1925 in Minsk, the grand opening of a broadcast radio station. On the same day in 18 hours and 30 minutes in the air for the first time came the words: "Gavoryts Minsk!" Foreign broadcasting service - "Radio Belarus" is planning the start of the new broadcast season to organize a series of programs for foreign students on the history of broadcasting from Belarus. (From a letter to the station). (DX COURIER. Editor: Vasily Gulyaev, Astrakhan, Russia/Rus-DX)

BHUTAN 6034.96, Jun 2, -1306* **BBS** (presumed). In vernacular; monologue with breaks for indigenous music at 1215 and 1219 ; 1221-1227 indigenous music/singing; adjacent QRM; clearly two stations here, with the other one being PBS Yunnan (China), which after 1306 was in the clear with indigenous music, which I love listening to underneath YL talking via PBS Yunnan. One of BBS's better days, with less adjacent QRM. Also very nice gray line reception! My local sunrise at 1250 and Thimphu sunset at 1252. (Ron Howard-CA/SWBulletin)

BOLIVIA 3310.00, **R. Mosoj Chaski**, Cochabamba, at 1035-1102 on Jun 15; prgm in Quechua, news, ID: "Mosoj Chaski". 22222. (Pedro F. Arrunátegui-Perú/DXplorer)

4409.77, **R. Eco** 2358 nice Andean folk mx over ToH. M DJ came on and seemingly took phone call from a M that was barely audible. DJ chatter after 0108 w/clear ment of Bolivia at 0109, then someone's name. Ment "programa" at 0111, tarde and noche and ID at 0112:05, then back to lively LA mx. 0115 into another song w/yipping like a Terrier Dog at the beginning (not a Huayno). 0118 diff. M barely audible again. Still going at 0225 w/sev. songs in a row. Ranchera song at 0231, then M came on at 0233. If not for the thunderstorm static crashes, it would've been a decent signal. 10 June. (Dave Valko-PA/PlayDX)

4699.9, got a very friendly message via the Facebook messaging service from Gabriel Satonaka at **Radio San Miguel**, Riberalta. Sounds like a lot of stuff going on down there. Their website and Facebook page are broken but he is fixing them. Nice programming review was included, too. Gabriel seems to be the one-man band of RSM: announcer, producer, director, news man. (Ralph Perry-IL)

6025, **R Patria Nueva** hrd 6/2 from 0120 tune from C. Germany Perseus site w/ SA beverage. Strong QRM from CRI on 6020 that made readability quite difficult. SINPO 32432. When CRI was in speech mode, readability improved, however when CRI was playing music, very difficult to copy Bolivia here. Program appeared to be a male ancr talking to callers with periodic music, like a request program. (Bruce Churchill-CA/DXplorer) 6025.00, R. Patria Nueva, La Paz, at 2325-2345 on Jun 1; advs for "Banco Central de Bolivia", ID: "Patria Nueva, la radio, ahora en FM", newscast in network w/ other stns. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

6105.35, **R. Panamericana**, La Paz, at 2325-2350 on Jun 12; prgm: "Panamericano Deportivo", sx nx, ID on passing: "Por Radio Panamericana", play to play soccer covering America Cup match Bolivia vs Mexico, from Chile. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

6134.85, **R. Santa Cruz**, Santa Cruz on 6/10 booming into Perseus site in C. Germany on a SA beverage from 0004 tune. Freq ID's by both male and YL ancrs, female vocal at 0009.5. Time, news bulletin by man and time at 0013-15. Another female vocal at 0015-20. ID, QTH and time by man 0020 fol by male ancr with news or talk concerning Peru, President Morales mentioned often as well. Male vocal at 0025. Live and recorded com'ls and "Radio Santa Cruz" ID jingles 0036.5-41.5. SINPO 45444 - armchair lvl with a noticeable but not obnoxious xmtr hum. This site has a propagation tunnel into Bolivia! (Bruce Churchill-CA/DXplorer)

BOSNIA International Radio Serbia. 25 June, tuned into 6100 for the English broadcast at 2100 - but no sign of the station: just CRI in Arabic. (Alan Roe-UK)

BRAZIL 4785.00, **R. Caiari**, Porto Velho, RO, at 0950-1010 on Jun 12; mx, ID: "Caiari", QSB. 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

6160, **Radio Rio Mar** Manaus, Amazonas, June 3 as 1137 jornal Primeira Hora Amazonas OM Nxs sobre SP 24222 em 1130 eu escutei a ID completa. (Daniel Wyllyans Nova Xavantina MT via HCDX/SWBulletin) 6159.953, Jun 7, -2158*, I'm quite certain that this carrier often seen here is from Radio Boa Vontade. I followed R Boa Vontade on 9350,035 until their sign off and both carriers were switched off at the same time, exactly at 2158:35. Also checked on June 9 switch off at the same time on both frequencies. (Thomas Nilsson-Sweden/SWBulletin)

9819.6, **Radio 9 de Julho**, Sao Paulo, 0503-0520, 06-06, religious songs and comments, program "Com a Mae Aparecida". // 9725. 24322. (Méndez-Spain/PlayDX)

10000, **Time Signal Station Observatorio Nacional**, Rio de Janeiro, 2032-2043, 06-06, time signals, female announcements "Observatorio Nacional, 17 horas, 31 minutos, 30 segundos".22322. (Méndez-Spain/PlayDX)

11735, **Radio Transmundial**, Santa Maria, 0450-0512, 07-06, religious comments, Portuguese,

identification: "Radio Transmundial, transmundial.com.br". 24322. (Méndez-Spain/PlayDX)

11815, **Radio Brasil Central**, Goiania, 0447-0510, 07-06, Brazilian songs, "1 y 48", "RadioBrasil Central". 34433. (Méndez-Spain/PlayDX)

15190, **Radio Inconfidencia**, Belo Horizonte, 1940-1955, 20-06, Portuguese, soccer, live, match Flamengo-Atlético Mineiro, "Campeonato Brasileiro". 24322. (Méndez-Spain/PlayDX)

First DRM mode test for a SW station in Brazil. The article is in Portuguese: In a rough translation it reads that on May 28, 2015 occurred this first transmission. EBC <http://www.ebc.com.br/> operated with the collaboration of a number of partners in the afternoon of that day with 130W on DRM on 9755. The DRM signal was successfully received in part of the country. In Limeira, a city in Sao Paulo state, 780 km far from the transmitter site, Mr. Claudio del Bianco, member of DRM-Brasil, received the signal and could hear to the audio from Radio Nacional da Amazonia with digital quality. The set-up of the system used for the test, had the support of DRM-Brazil, and a joint effort was made. The software was provided by Content Server and the modulator was provided by Michael Feilen. Rafael Diniz, a DRM-Brazil member and researcher at PUC-Rio, released the DRM driver and the first amplification stage. Members of the EBC and the Ministry of Comunicacoes have provided two stages of amplification and all the required connection with the radiant system at Rodeador Park (High Power Shortwave Broadcast Centre of EBC). The antenna used has a 16db gain factor and the pattern of radiation was North-South. On this Monday, June 1, new DRM SW tests will take place. Info via DRM Brasil.org posted by (Jardel Martins radioamador in F_B, translated by Horacio Nigro-URG/TopNews)

BULGARIA 5905, **EU News Network**. English Programme. Full data e-letter received in a few hours for report with audio clip sent to contact@news-network.eu. (Rafael Martínez/PlayDX)

Since Jun 01, EUNN is now FG Radio (FG for Fama-gusta Gazette). The station is on the air with ID in English and French on 13600 from 1800-1815 (Mo-Fr) for Europe from transmitter in Bulgaria. There is also an extensive schedule over WRMI. Web site: <http://www.news-network.eu/> and <http://famagusta-gazette.com/index158.htm>; E-mail: broadcast@cytanet.com.cy. (Ghibaud-France/DX Window)

CHINA 4990, **Hunan PBS**, Changsha, 1235, Jun 06, have been hearing this since Jan 12 on a daily basis with decent reception, as before that date was not hearing them at all. Whatever they did to improve their signal is holding up very well. (Howard-CA/DX Window)

Mauno Ritola on WRTH Facebook reported that **Xizang PBS** Tibetan service was using higher frequencies at the end of April for earthquake disaster relief. This meant 4920 was off the air, though Tibetan on 4905 remained, 2050-1805. (Alan Pennington-UK/British DX Club)

Additional unregistered frequencies of **PBS Xinjiang**:

2300-0300 7260 URU Chinese
2330-0330 7230 URU Mongolian
1200-1800 7230 URU Mongolian
1200-1800 7260 URU Chinese
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews June 17)

CLANDESTINE Nigeria's **Freedom Radio** takes the battle against Boko Haram to the air waves by Kristin Palitza (DPA International): Residents of Nigeria's north-east have lived in isolation for two years. Terrorists frequently target phone lines in order to cut off communication. Traders avoid the region. Journalists live under threat. But a new radio programme is now bringing important information to three states - Borno, Adamawa and Yobe - which have been under a state of emergency since May 2013 and turned by the army into a battleground against Islamist terrorist group Boko Haram. Called Dandal Kura, the one-hour daily broadcast in the local language, Kanuri, provides a mix of news about government actions against the terrorists or updates on displaced and missing persons. It also discusses a range of other topics like farming, health, social issues and sports. The airwaves even reach across the border in the Diffa region of Niger, Chad's Lake region and northern Cameroon, where Kanuri is also the main language and Boko Haram has been launching attacks. "Boko Haram controls people by inducing fear. Without alternatives, people are very much under the influence of Boko Haram's propaganda," says Wada. "Through Dandal Kura, we try to work against the propaganda by giving listeners objective information." Dandal Kura, which means "the big hall" in Kanuri, was initially set up in January as a three-month pilot project funded by United

States development agency USAID. Since April, the programme is managed and run by Freedom Radio, a private broadcaster based in Kano. What is special about Dandal Kura is not only the language. The programme is transmitted by shortwave, on 9940 kHz, instead of the commonly used FM frequency band. Shortwave is especially important in rural areas across Africa where FM waves hardly reach, but shortwave radios are easily available for an affordable price. In northern Nigeria they can be bought at any marketplace for about 600 Naira (3 dollars). There is another key advantage: The shortwave transmission system is located hundreds of kilometres away - on the Atlantic island of Ascension - which means it cannot be destroyed by Boko Haram. An FM transmitter, in contrast, would have to be installed on the ground in northern Nigeria. "If we had set up FM transmitters, there would have been a high chance that Boko Haram would take them out," says Smith, who has experience in setting up radio stations in African conflict zones, including Somalia and Central African Republic. (José Miguel Romero-Spain/PlayDX)

Upcoming frequency change of **Denge Kurdistan** from July 1. The frequency 11600 is registered in HFCC Database on June 15:

0300-0500 NF 11600 ISS Kurdish, ex 11510
0500-1300 NF 11600 KCH Kurdish, ex 11510
1300-1700 NF 11600 SCB Kurdish, ex 11510
1700-1900 NF 11600 ISS Kurdish, ex 11510
(DX Mix, Bulgaria)

New transmission to Nigeria **Manara Radio** has started from June 12:

0730-0825 on 15440 UNID transmitter site Hausa
(DX Mix, Bulgaria)

1600-1655 on 17765 UNID transmitter site Hausa
(Jose Miguel Romero via DX Mix, Bulgaria)

Voice of Oromo Liberation:

1700-1730 on 17630 NAU Oromo Wed, ex ISS
1730-1800 on 17630 NAU Amharic Wed, ex ISS
(DX Mix, Bulgaria)

Frequency change of **Voice of Martyrs** from June 9:

1600-1730 NF 7520 TAC Korean, ex 7510
(DX Mix, Bulgaria)

There is still no signal from these three clandestine stations:

Radio Dialogue, no signal from May 21

1600-1700 on 12115 MDC English/Shona/Ndebele

Radio Imara, Radio Impala, no signal from May 18

1800-1900 on 17540 MDC K'rwanda/Eng/Fre Mon/Wed/Fri

Sagalee Radio Risala-ti, Radio Risala International, no signal from May 22

1830-1900 on 21620 ISS Oromo Fri
(DX Mix, Bulgaria)

Good reception of **Radio Inyabutatu** via Media Broadcast on June 20

1800-1900 on 17605 ISS K'rwanda Sat
(DX Mix, Bulgaria)

Radio Assenna was back on the air on June 21, missing on June 14:

1700-1800 on 15245 ISS Tigrinya Sat
(DX Mix, Bulgaria)

CONGO (REP.) 6115, **R Congo**, Brazzaville, 1715-1827v*, Jun 03, 05 and 06, French political comments, 1730 ID, pop songs with DJ. "Le President de La Republique", "les congolaises". Very weak, best on LSB, 25432. (Méndez-Spain and Pankov-Bulgaria/DX Window)

ENGLAND Changes of **FEBA Radio-R. Ibrahim/R. Sama** in Arabic from June 1

1700-1730 on 12045 WOF Radio Ibrahim, cancelled
1700-1830 on 15260 WOF Radio Sama, ex 1800-1930
(DX Mix, Bulgaria)

Radio Liberty

1400-1600 on 15255 WOF Turkmen, ex ISS
1500-1600 on 15460 WOF Tajik, ex NAU
1600-1700 NF 11815 WOF Avari/Chechen/Cher-
cass, ex 13700 NAU
(DX Mix, Bulgaria)

New figures unveiled today show the BBC has a weekly global audience of 308 million people. For

the first time, television (148m) overtook radio (133m) as the most popular platform for BBC international news. Online accounted for 55m. Overall BBC World Service radio audience is estimated at 210m. (BBC World Service press office 21 May - British DX Club)

ETHIOPIA Good reception of **R. Ethiopia, Voice of Peace and Democracy** on June 22:

1802-1837 on 7235.8 GDR Tigrigna. Other ETH stn are on air June 23: R. Oromiya, R. Fana, R. Amhara, and Voice of Tigray Revolution. (DX Mix, Bulgaria)

EURO (PIRATE) New shortwave station **Euro Radio** to begin broadcasting in August: A new station called Euro Radio 6205 is due to start broadcasting on August 1 with 2kW. On its Facebook page it says: "Get your programmes and podcasts on air to a pan European audience with Euro Radio. Our rates are the lowest in Europe! The more airtime you buy the cheaper it gets! Email for details euroradio@gmx.com." Is it a pirate or a licensed station - it is not clear? Its Facebook page is at https://www.facebook.com/euroradio6205/timeline?ref=page_internal. (Horacio Nigro-Uruguay/DXplorer) Most likely that transmitter in Ireland, which for a time was in Tenerife, Canary Islands <grin> (Chris Lobdell-MA/DXplorer) The countdown is on! Euro radio Europe's brand new shortwave radio station on 6205 from 1st August 2015! Get your programmes and podcasts on air to a pan European audience with Euro Radio. Our rates are the lowest in Europe! The more airtime you buy the cheaper it gets! Email for details euroradio@gmx.com. This station does not stream on the internet. You need a shortwave radio. It's a simple concept that has worked well for almost a century. Just tune your radio to 6205 kHz. Euro Radio from August 1st 2015! Programme producers Euro Radio has airtime for sale starting August 1st 2015. Get your programming on the air to a pan European audience. Email for our low host airtime rates euroradio@gmx.com, <https://www.facebook.com/euroradio6205>. (José Miguel Romero-Spain/PlayDX)

Peter Gibney. An Appreciation: I first met Peter Gibney in 1979. We were both 16. I was building my own radio station while he already had one. His was "Radio Caroline Dublin". Mine "Radio Mi Amigo". Peter was an original. He became my mentor, supplying schematic diagrams, parts, advice and ideas. In return I presented a Sunday show on his station. We became fast friends. Those were the

early pirate days in Dublin with stations popping up everywhere to offer respite from a monotonous RTÉ monopoly. Some like ours were "hobby" stations, broadcasting only at weekends because the rest of the week there was school. The fact that Peter operated an illegal radio station from home while his late father was a senior Garda was just one of those splendid contradictions in 1970/80s Ireland. Our station boasted something no other had, two phone numbers. This was because outside the nearby Comet Pub in Santry there were two phone boxes. They are still there. We would send two kids to stand at them, one to take requests, the other to cycle back and forth to our studio with these. At such times normal use of those phones by the public was frowned on. As unique was the perfectly designed transmitter, and its studio, hand-built within the budget of Peter's pocket-money. Despite, or perhaps because of the penury, the design was elegant simplicity in action. Parts too expensive to buy, were improvised. Instead of a large electrolytic capacitor to tune the transmitter to its aerial, costing hundreds, Peter achieved the same by cutting Castrol GTX cans into sheets, separated by scrap plate glass, costing pennies. I witnessed the genesis of an unparalleled creative engineering mind. This Peter who would go on to be the rock upon which many a well-known radio station was built. He was soon in great demand by full-time pirates. Following the closure of one, for which he had not been paid, he enlisted my help to recover equipment which was his. While his policeman father waited outside in the car, we entered the property. The owner arrived on the scene with a shotgun, pinning us both to a wall. Eventually, we were allowed take the equipment. Another escapade in the wild world of early pirate radio. He joined Sunshine Radio, the first of the so-called "Super-Pirates". With high-powered transmitters and a 180ft broadcasting tower, this was big time. It was here Peter found his niche, designing, building and maintaining. It was an analogue, pre-digital time where everything from the record decks, to the cart machines, to the reel-to-reel recorders moved. Everything had a motor, all in need of constant maintenance. There was nothing that Peter, or "Gibbo" as he was now more commonly known, could not repair. After the pirate era he went on to engineer Dublin's 98FM as well as working on stations abroad. But I always suspected he found independent radio, now legal, corporate and serious, a strait-jacket. Medium wave was left behind for the higher quality but less technically challenging FM, employing more modern transmit-

ters that rarely broke down. Which was no fun. It is said that when he left 98FM there was consternation as it emerged passwords to almost every piece of software and computer were not recorded anywhere. Peter just carried them around in his head. And so the years passed. I expected to hear one day that he had invented some new clean fuel source for the world, sorted out global warming or, maybe, discovered perpetual motion. It would not have surprised me. Then he died unexpectedly on April 4th, only 52. Peter would tell anyone who would listen that a good radio signal requires two essential elements, a good earth and a good aerial. The transmitter must be well grounded, the better that it might broadcast into the air. I was reminded of this at his funeral. As his body was buried I thought it indeed fitting – the better that his spirit might rise up and, like his beloved radio waves, travel outwards at the speed of light, eternally, to the heavens and to the arms of a loving God. Go placidly ... mi amigo. (The Irish Rimes by Kieran Phillips via José Miguel Romero-Spain/PlayDX)

FINLAND 11690, *Scandinavian Weekend Radio*, Virrat, 0448-0503, 06-06, program "SWR Music Box", pop music, and identification at 0500: "This is Scandinavian Weekend Radio". 14321. Also 1630-1655, 06-06, Finish and English comments, music, identification: "This is Scandinavian Weekend Radio". 14321. (Méndez-Spain/PlayDX)

25000, *Time Signal Station Miles*, Espoo, 2030-2040, 06-06, time signals, beeps with seconds and silent at second 59. 24322. (Méndez-Spain/PlayDX)

FRANCE Summer A-15 shortwave schedule of *Radio TV Algerienne*:

0400-0458 on 7295 ISS Arabic Holy Quran px
 0500-0558 on 7295 ISS Arabic Holy Quran px
 0500-0511 on 9535 ISS French news bulletin
 0511-0549 on 9535 ISS Arabic Nat. Chaîne 1
 0549-0553 on 9535 ISS French news bulletin
 0553-0558 on 9535 ISS Arabic Nat. Chaîne 1
 0600-0611 on 11985 ISS French news bulletin
 0611-0649 on 11985 ISS Arabic Holy Quran px
 0649-0653 on 11985 ISS French news bulletin
 0653-0658 on 11985 ISS Arabic Holy Quran px
 1800-1900 on 13820 ISS Arabic Holy Quran px
 1900-2000 on 12060 ISS Arabic Holy Quran px
 1900-1911 on 13820 ISS French news bulletin
 1911-1949 on 13820 ISS Arabic Nat. Chaîne 1
 1949-1953 on 13820 ISS French news bulletin
 1953-1958 on 13820 ISS Arabic Nat. Chaîne 1

2000-2100 on 9375 ISS Arabic Holy Quran px
2000-2011 on 12060 ISS French news bulletin
2011-2049 on 12060 ISS Arabic Nat. Chaîne 1
2049-2053 on 12060 ISS French news bulletin
2053-2058 on 12060 ISS Arabic Nat. Chaîne 1
2100-2200 on 7495 ISS Arabic Holy Quran px
2100-2111 on 9375 ISS French news bulletin
2111-2149 on 9375 ISS Arabic Nat. Chaîne 1
2149-2153 on 9375 ISS French news bulletin
2153-2158 on 9375 ISS Arabic Nat. Chaîne 1
2200-2211 on 7495 ISS French news bulletin
2211-2249 on 7495 ISS Arabic Holy Quran px
2249-2253 on 7495 ISS French news bulletin
2253-2258 on 7495 ISS Arabic Holy Quran px
(DX Mix, Bulgaria)

Radio France International and **Manara Radio**
via Issoudun:

0700-0730 on 13685 ISS Hausa Radio France Int.
0700-0730 on 15315 ISS Hausa Radio France Int.
0730-0830 on 15440 ISS Hausa Manara Radio, new
1600-1700 on 17615 ISS Hausa Radio France Int.
1600-1700 on 17765 ISS Hausa Manara Radio, new
(DX Mix, Bulgaria)

Unscheduled broadcast of **Radio Japan NHK World**
from June 9:

1000-1016 on 15290 ISS IS/announcement Japa-
nese/English, after
0800-1000 on 15290 ISS Japanese, as scheduled
in A-15
(DX Mix, Bulgaria)

GERMANY Frequency change of **Adventist World
Radio** via Media Broadcast:

1730-1800 NF 17720 NAU Oromo, x 15155ISS from
June 1
(DX Mix, Bulgaria)

More changes of Media Broadcast between June 1
and June 5:

Bible Voice Broadcasting

0530-0600 on 11660 NAU Arabic Mo/We/Fr, ex Mo-Fr
0700-0730 on 5945 NAU English Sat, ex 0700-0745
0830-0900 on 17535 NAU Arabic Fri, ex 0830-1000
1515-1530 on 15640 NAU English Fri/Sat, ex SCB
1530-1600 on 15640 NAU Urdu Fri, ex SCB
1530-1545 on 15640 NAU English Sat, ex SCB

1600-1800 on 17515 NAU Oro/Amh/Tig Sat-Mon,
ex ISS

1600-1830 on 17515 NAU Oro/Amh/Tig Tue, ex ISS
1630-1700 on 17515 NAU Oro/Amh/Tig Fri, ex ISS
1630-1800 on 17515 NAU Oro/Amh/Tig Wed/Thu,
ex ISS

1815-1830 on 9435 NAU English Sun, ex MOS
1830-1915 on 9635 NAU English Sun, ex SCB
(DX Mix, Bulgaria)

Pan American Broadcasting

1415-1430 on 15205 NAU English Mon-Fri, ex ISS
1430-1445 on 15205 NAU English Sun, ex ISS
(DX Mix, Bulgaria)

HCJB The Voice of Andes:

1530-1600 on 13800 NAU Russian Sat, ex MOS
1600-1630 on 13800 NAU Chechen Sat, ex MOS
(DX Mix, Bulgaria)

6070, **European Music Radio** via Rohrbach, *1800-
1900*, 21-06, identification: "This is European
Music Radio", pop music and comments in English.
24322. (Méndez-Spain/PlayDX)

6125, **NDR Grüss an Board** via Nauen, German
programme. Full data QSL card received in 9 days
for report with audio clip sent to technik@ndr.de.
(Rafael Martínez/PlayDX)

All transmissions of IBB via Media Broadcast are
cancelled from Jun 01 and have been moved via
BABCOCK transmitters except Deewa Radio. (Iva-
nov-Bulgaria/DX Window)

GREECE ERT shortwave transmissions remain
intermittent, heard mainly in the European eve-
ning/overnight period. Frequencies to check are
9420, 9935, 11645, 15630 and 15650. (British DX
Club)

I've the strong feeling, the new ERT Avlis Greece
under new left wing government reduced also
power consumption at the TX bc center now, even
9420 comes in on lower signal strength now. ONLY
a single unit is working perfect at present, 2nd
unit is seldom on air on 11645 or 15630 or 15650
and wanders some 30 Hertz upwards, and 3rd unit
9935/11645 is out and de-funct at present. (Wolfg-
gang Büschel-Germany, wwdxc BC-DX TopNews
June 3)

Voice of Greece in Greek is on air via single transmitter, June 22:

1100-1500 on 11645 AVL, terrible audio, weak signal
1500-1730 on 11645 AVL
(DX Mix, Bulgaria)

GUAM 9800, KSDA Adventist World Radio at 1225 in Cantonese (scheduled Sun-Thurs) with hymn, instrumental music, dead air 1229-1230 then closing in English, "This is Adventist World Radio, the Voice of Hope, KSDA, Agat, Guam." Fair, June 1. (Sellers-Canada/DXplorer)

GUATEMALA May I inform you that we have repaired our transmitter already through the work of Engineer Ralph Borthwick, from Canada. Now we are transmitting with 800 watts power and a very high power stability. May God bless you. Dr. Edgar Amilcar Madrid, **Radio Verdad** & Radio Verdad TV, May 28. (DX Window) 4055, R. Verdad Nothing on the freq by 0940, but did catch the last rep of the midi IS at 1001, then long choral NA, and multi-lingual IDs including EG. Really good signal for 800 watts, per Dr. Madrid who says they just got back on the air. They've been off for a while due to another lightning strike. 28 May. (Dave Valko-PA/PlayDX) 4055 Radio Verdad TGAV Chiquimula Guatemala. After numerous attempts, heard a decent signal on the 3rd of June from 0412 to past 0450 hrs. Program consisted of Spiritual Hymn selections, with religious text in Spanish. Noted a nice ID in English at 0438 hrs, with promotion for material, followed with similar programming afterwards. Signal best heard of the 19/60 meter Inverted "V", cut for 1/4 and 3/4 wave length. (Edward Kusalik-Canada/DXplorer) 4055, Radio Verdad. After posting my report in English with a MP3 audio attachment, received back within 24 hours, from Dr Edgar Madrid. He thanked for my letter and confirmed it was their station, and he would be sending me my verification confirmation. He even sent a MS File attachment (How to tune into Radio Verdad better) stating that if I used a 40meter antenna, I would get better reception? (Edward Kusalik-Canada/DXplorer)

INDIA All India Radio on 15140 and 9950 in AM, instead of DRM:

1615-1715 on 9595 BGL Russian
1615-1715 on 11620 BGL Russian
1615-1715 on 15140*ALG Russian AM, not DRM
1745-1945 on 9950 DEL English AM, not DRM

1745-1945 on 11670 BGL English
1945-2045 on 9950 DEL Hindi AM, not DRM
1945-2045 on 11670 BGL Hindi
2045-2230 on 9950 DEL English AM, not DRM
2045-2230 on 11670 BGL English
(DX Mix, Bulgaria)

DRM from Delhi on SW replaced by AM Mode temporarily. Due to technical reasons the DRM transmissions on SW from Delhi is temporarily replaced by AM Mode. Sked:

0130-0230 11715 Nepali
0315-0530 17715 Hindi/Gujarati
0900-1200 6100 Vividh Bharati
1300-1500 15050 Sinhala
1615-1715 15140 Russian
1745-2230 9950 English/Hindi
2245-0045 11645 English
(Jose Jacob-India, VU2JOS, DXindia June 21)

4970, **AIR Shillong**, May 31, 1238. Sunday program of C&W songs; "Rocky Mountain High" by John Denver, "Jolene" by Dolly Parton, etc.; DJ in English; local IDs - "The North Eastern Service of All India Radio." (Ron Howard-CA/SWBulletin)

INDONESIA 3905, RRI Merauke has not been heard since May 18 reception. Seems they only wanted a very brief reactivation. (Howard-CA/DX Window) Isra Miraj Nabi Muhammad was actually on May 16th, as my Indonesian calendar shows, so it seems that the ceremony mentioned was on the night before that date. Merauke, as you certainly know, is on East Indonesia Time, which is UTC+9, so the time mentioned in your log would have been 8:30 in the evening. This makes sense because traditionally in Indonesia a night is considered to be part of the following day. A good website for an Indonesian calendar is also http://portalseven.com/calendar/Holidays_Indonesia.jsp?year=2015, where also some explanations as to the nature of these holidays are given. By the way, the month of Ramadan begins this year on or around June 18th (depending on sighting of the moon) and lasts until July 16th. Thus Id (or Eid)-Ul-Fitri falls on July 17 & 18 (Fr-Sat), making this a long holiday weekend. (Werdin-Germany/DX Window)

Mauno Ritola reports on the WRTH Facebook group: **Voice of Indonesia** has been off the air for quite a few weeks, but according to the station the SW transmitter is being repaired and is expected to return on the air soon. (Mike Terry/British DX Club)

ITALY 7595, *Radio Latino*, 1918-2005, 30-05, pop and Latin American songs, identification in Spanish: "Radio Latino transmitiendo en onda corta para todo Europa" and in English: "Radio Latino short wave". 24322. (Méndez-Spain/PlayDX) Radio Latino off air for a few weeks, information directly from station Due to the arrival of a new more powerful transmitter, Radio Latino will be off air for a few weeks for setting the station, changing antennas, cables and etc. (DX Mix, Bulgaria)

KOREA (SOUTH) 6015, *KBS Hanminjok Bangsong 1*, at 1216, Jun 07, recently the North Korea white noise jamming has been intermittent, heard with no jamming; daily news in Korean with each item ending with "KBS News"; strong signal/good reception when no white noise present. (Howard-CA/DX Window)

KUWAIT Updated summer A-15 shortwave schedule of *Radio Kuwait*:

0200-0750 on 5960 KBD Arabic General Sce
0500-0900 on 15515 KBD Arabic General Sce
0800-1000 on 7250 KBD Persian
0930-1600 on 11630 KBD Arabic Holy Qur'an
1700-2000 on 13650 KBD Arabic General Sce
2010-2400 on 17550 KBD Arabic General Sce
(DX Mix, Bulgaria)

Inactive transmissions

1000-1200 on 21580 KBD Filipino
1010-1600 on 9750 KBD Arabic General Sce
1210-1550 on 21540 KBD Arabic General Sce
1600-1800 on 15540 KBD Urdu
1610-2100 on 6050 KBD Arabic General Sce
1800-2100 on 15540 KBD English
(DX Mix, Bulgaria)

KYRGYSTAN Fair reception of *Afghan Christian Radio/R. Sadaye Zindagi* on June 11

1500-1800 on 5130 BI Pashto/Dari
(DX Mix, Bulgaria)

MALAYSIA 9835, Jun 14, 1251, *Sarawak FM*, with National Anthem (instrumental version, not the often heard choral NA); special live coverage; "Your Royal Highness, excellences, distinguished guests, ladies and gentlemen. Good evening and welcome to the closing night and prize presentation ceremony"; announcement of results of the event

given in Malay, Arabic and English (not in French this year), till 1319; fair to good. (Ron Howard-CA/SWBulletin)

MALI 5995, *Radio Mali*, Bamako, *0558-0615, 07-06, tuning music, French, identification, comments, Vernacular songs. 14321. (Méndez-Spain/PlayDX)

9635, *Radio Mali*, Bamako, 1747-1800*, 21-06, French, comments, tuning music, identification: "This is Radio Mali, emetant du Bamako". 13321. Also 1748-1800*, 23-06, program of Vernacular songs, tuning music and close. 23322. (Méndez-Spain/PlayDX)

MEXICO 6185, *Radio Educación*, México D. F., 0446-0502*, 06-06, classic music. 24322. (Méndez-Spain/PlayDX) 6185.00, R. XEPPM Educación (p), Ciudad de México, at 0435-0505* on Jun 13; ranchera mx, continuously till s/off 0505*, didn't give ID. 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

MONGOLIA 11999.875, *V.O. Mongolia*. Per Ivo, found on this NF in EG at 0900, but just missed s/on. Apparent nx and features. Could only copy a few words like Pakistan, 50,000, and India, etc. Played occas. pleasant mx. A little better by 0928 w/English lang sked at 0929, website given, letter request w/ mailing addr. then into the usual IS. 30 May. (Dave Valko-PA/PlayDX)

Upcoming frequency change of *Voice of Mongolia*, probably from July 1. The frequency 12015 kHz is registered in HFCC Database on June 16 but effective from May 1:

0900-0930 NF 12014.9 U-B English, ex 11999.9, re-ex 12084.9
0930-1000 NF 12014.9 U-B Mongolian, ex 11999.9, re-ex 12084.9
1000-1030 NF 12014.9 U-B Chinese, ex 11999.9, re-ex 12084.9
1030-1100 NF 12014.9 U-B Japanese, ex 11999.9, re-ex 12084.9
(DX Mix, Bulgaria)

NEW ZEALAND Frequency changes of *RNZI (AM)*, Rangitaiki (050 kW / 035 degrees) in English effective from Jun 05 to Cooks/Samoa/ Niue: 1551-1745 on 5975, ex 9700 and 1746-1850 on 9700, ex 11725. (Ivanov-Bulgaria/DX Window)

NIGERIA Strange schedule of *Voice of Nigeria* on 15120 from 1520-1603 June 1:

1520-1603 on 15120 IKO Yoruba/Igbo/Arabic, ex English

1600-1630 on 9690 IKO Swahili, not on air

1630-1700 on 9690 IKO Yoruba, not on air

1700-1730 on 9690 IKO Igbo, not on air

1730-1800 on 15120 IKO Arabic, not on air

(DX Mix, Bulgaria)

Good reception of *Voice of Nigeria* in 1800-1830 time slot June 16

1800-1830 on 7255 IKO English

1830-1900 on 7255 IKO English, QRM Vatican Radio on 7250

1900-2000 on 7255 IKO English, strong co-ch CRI Turkish

(DX Mix, Bulgaria)

15120, latest update: On Wednesday 17th June, during sign-off announcement at 1930, was: "Join us again on the English service at 8 hours GMT, 9am local time with VON Scope". So this does suggest that the 0500-0700 English transmission on 15120 has been dropped. The evening transmission seems pretty much confirmed as 15120 (DRM) and 7255 from 1755, with English programming 1800-1930. (Alan Roe-UK)

OMAN For a second day no signal of *Radio Sultanate of Oman* the frequency 15140. Full A-15 schedule follows:

0000-0200 9500 THU Arabic

0200-0300 9540 THU Arabic

0300-0400 9540 THU English

0400-1000 13600 THU Arabic

1400-1500 15140 THU English

1500-2200 15140 THU Arabic

2200-2400 9740 THU Arabic

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews June 17) Ramadan break? (Wolfgang Büschel, Germany/TopNews)

PAKISTAN Surprisingly transmission of *Radio Pakistan*

1330-1530 on 15485 ISL Urdu, regularly till 1500 (DX Mix, Bulgaria)

Only one transmitter is believed to be active at present and it is only heard intermittently. English

news is at 1100-1105v on 15320 within the Urdu service to UK & W Europe (Dave Kenny/British DX Club)

PAPUA NEW GUINEA A sad state of affairs here! There is only one SW station now operating from PNG, as *Wantok Radio Light* (7324.96) was absent after 1400 UT on both June 17 and 18, with Dave Valko also confirming off the air earlier on the 18th. 3365, *NBC Milne Bay*, at 1304 UT on June 18. NBC National News in English till 1306 UT; DJ in English playing pop songs: poor. (Ron Howard-CA/DXplorer June 18/TopNews) Re: Ron's log - PNG informative response from David Ricquish (Radio Heritage Foundation): "Thanks for the update Ron. Yes, it's sad only one PNG SW station is being heard at present. I hear two stories: PNG is fast urbanizing and a strong communications backbone for mobile phones brings FM radio signals within the reach of more people ... and a growing economy is bringing the mobile phones within the reach of more people. So as a modernizing country, PNG is pulled and pushed towards FM and not too far away, online radio service delivery. The flip side is the widening digital divide, with significant numbers in isolated regions still relying on SW for radio, which as in investment costs more to reach less people, and is a difficult technology in mountainous PNG and although getting some resources, is slowly losing the battle. SW has peaks and lows and is stuttering towards serving an increasingly sidelined minority. Much like places in Africa, Latin America which are now mainly served by FM [by mobile phone] and SW reaches only a few. Thanks for your regular monitoring. Really needed and useful! Cheers, Dave". (Via Ron Howard-CA-USA, DXplorer June 19/TopNews)

7324.96, *Wantok R Light*, Port Moresby, 1257-1258, Jun 07, recently have found this daily one or two minute opening for WRL reception when CRI turns off the transmitter between programs; poor, with religious songs. (Howard-CA/DX Window)

PERU 4747.60, *R. Huanta 2000*, Huari, at 2225-2315 on Jun 10; prgm: "La Voz de la Liberación", "por la Iglesia Pentecostal Dios es Amor", ID: "Por Radio Huanta 2000". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

4824.48, *R. La Voz de la Selva*; Iquitos, at 2310-2320 on Jun 12; news, ID: "Radio La Voz de la Selva", QSB, weak. 22222. (Pedro F. Arrunátegui-Perú/DXplorer)

5024.92, **R. Quillabamba**, Quillabamba, Cusco, at 1135-1155 on 3/06, news prgm: "Panorama Mundial", ID: "Radio Quillabamba está con usted", prgm about soccer w/ comments about the Peruvian national team playing in Chile. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

PHILIPPINES 15640 // 17820, **Radio Pilipinas**, Tinang, *0200, Jun 05, anthem, long "PBS" song, usual opening message with salute to overseas Filipino workers and to listeners of R Pilipinas; into "From the presidential palace Manila, Dateline Malacañang", 0238 "This is the PBS News", President Aquino visiting Japan and addresses some 1,000 Japanese businessmen at the Philippine Investment Forum; almost fair; scheduled 0330*, which in the past I have observed; did not hear scheduled 12010. (Howard-CA/DX Window)

Good reception of FEBC Manila/Radio Teos on June 16

1500-1600 on 11650 BOC Russian
(DX Mix, Bulgaria)

PIRATE (NO. AM.) Radio Works the Hill in Anti-Pirate Effort: Broadcasters in and around the nation's largest radio market are getting some congressional support in their push for more FCC action against illegal pirate stations. More than 30 legislators signed a letter to Chairman Wheeler expressing concern. The New York State Broadcasters spearheaded the effort, led by President/Executive Director David Donovan; the New Jersey Broadcasters Association expressed its support. The letter says that there appear to be 34 illicit operations just in Brooklyn and the Bronx. It argues that pirate stations interfere with services of legitimate licensed stations; often focus on "vulnerable populations" without regard to basic consumer protection laws and FCC regulations; and undermine investment in minority broadcasters. It also raised concerns about possible interference with EAS alerts, and stated that at least one station had asked to change its EAS monitoring assignment because of interference from unauthorized operators to WNYC. They asked the FCC to increase the number of people assigned to the New York field office. (Radio World)

ROMANIA IRRS Shortwave was back on the air on June 21, missing on June 14:

Radio City

0800-0900 on 9510 TIG German Sat

Radio Warra Wangeelaa-ti

1500-1530 on 15515 TIG Oromo Sat

IRRS relay various px

1800-1900 on 7290 TIG English Sat
(DX Mix, Bulgaria)

RUSSIA Michael Ford points out that there are still things to listen to from Russian territory, including **Adygeyskoye Radio** via Armavir, Monday to Friday between 1800 and 1900 on 7325, and Saturday an hour later. Additionally, he received Sheremetievo Volmet on 10090 at 1918. (Stephen Howie-UK/British DX Club) The later, of course, is not SWBC. (RAD)

SAO TOME VOA Studio 7

1800-1900 on 15460 SAO Eng/Shona/Ndebele
Mon-Fri, ex UDO
(DX Mix, Bulgaria)

SERBIA International R Serbia / R Serbia International is now on WEB. Address: Hilendarska 2, 11000 Beograd, Republika Srbija. E-mail: posta@glassrbije.org. Internet: <http://voiceofserbia.org/ru/>. Location: Serbia, Belgrade. Broadcasting: HF, on-line. State broadcasting: North America, Europe. Language broadcast: 12 languages, including Russian. Public company. (Klepov in RUS-DX no. 822, May 31) Shortwave transmission from Bosnia were scheduled to end on June 30th. (RAD)

SOLOMON ISLANDS 5020.0, Jun 14, 1138, **SIBC** continuing with erratic activity; only heard open carrier at 1138 & 1155. June 15, with outstanding reception on 5020.0; 1200 usual brief NA; 1201 pop songs via relay of Wantok FM 96.3; at 1203 played long version of National Anthem followed by the only ID heard today; normally they give IDs after every other song, but not today; non-stop pop songs; by 1340 had dropped down to fair. Probably the strongest I have ever heard them on this frequency! Good propagation. June 16, at 1155 with the normal "evening devotional"; ID & NA. No daily consistency! (Ron Howard-CA/SWBulletin)

SOMALIA Puntland Radio on 13800 Puntland Radio from Garowe, Puntland, Somalia, has started broadcasts on 13800 from a new 25 kW transmitter (probably running at around 20 kW). First reported by Sei-ichi Hasegawa (via dxld) on 27 April and confirmed in the UK with fair to good reception from fade-in around 1330 to close any time between about 1600 and 1800. Transmissions are in USB plus carrier with Somali music and announcements in English, Italian and Somali. Reports are requested to puntlandradio1@gmail.com. The transmitter has been installed by Italian engineer Enrico Li Perni (5Z4ES IV3SBE) who stated that "Puntland Radio is now active 20kW on 6160 and 13800 kHz". In 2013 it was reported that the equipment at Puntland Radio was supplied and installed by Italian technicians from Goldrock Kenya with financial support from the Italian government. Puntland Radio was inaugurated by the Puntland President in April 2013, low power tests were first heard on 13800 in May 2013 when it was reported that the permanent 25 kW transmitter was still under construction. (Alan Pennington/British DX Club) Transmissions have been audible most days during May from 1300-1800v. (Dave Kenny/British DX Club)

SUDAN 9505, *R. Omdurman/SNBC* Regional vcl mx at 1851. W anncr at 1900, then extremely low audio. Finally back up w/more mx at 1907. 1912-1914 tlk by M anncr w/ment of Sudan. Back to regional vcl mx by M. Same M anncr again at 1926 and 1929, mx briefly, W anncr w/very short anmnt, and off at 1930:40. First time to hear audio let along get anything here in a long time. 28 May. (Dave Valko-PA/PlayDX)

SWAZILAND On the occasion of 40 years of broadcasting to Africa, *Trans World Radio* retold the story of TWR Swaziland in a 56 page booklet "An African Harvest". It is now available online at http://www.twrafrica.org/images/Resource_pictures/Links/TWRAfrica40th_Anniversary_book.pdf. (An African Harvest - The First Four Decades of TWR in Africa/ Prof. Dr. Hansjoerg Biener-Germany via wwdxc BC-DX TopNews)

SWEDEN 6065, *Radio Revival* Sweden e-QSL received in 8 days for report with audio-clip sent to info@rock.x.se. (Rafael Martínez/PlayDX)

6065 LSB, *Radio Mi Amigo International* via Radio Revival, English programme. Full data QSL card received in 14 days for report with audio clip sent to info@radiomiamigo.es. (Rafael Martínez/PlayDX)

TAIWAN 9725-AM, *StarStar Broadcasting Station* - V13, *1200, Fr May 29, signed on with normal one minute of flute music, assume intro consisted of station name, program number, the recipient number, date of the message and number of characters; assume ID was for the fourth program - "XingXing guangbo diantai 4"; fair; believed to be operated by Taiwanese Intelligence agency. Also at *1300. Off the air Jun 02, 03 and 07, but on the air Fr Jun 05 and Sa 06. Needs more monitoring to determine daily schedule. (Howard-CA/DX Window)

THAILAND Frequency change of *VOA Radio Ashna* from June 10:

1500-1630 NF 11540 UDO Dari, ex 9370
1630-1730 NF 11540 UDO Pashto, ex 9370
(DX Mix, Bulgaria)

VOA Afia Darfur

1800-1830 on 11615 UDO Arabic, ex SAO
(DX Mix, Bulgaria)

UGANDA After querying whether *Dunamis Shortwave*, Uganda was still on the air on 4750 last month, I received an email on 27th April from Heather Paterson at Bible Voice Broadcasting saying "The Dunamis Shortwave station has continued to be on air." and suggesting the lack of reception was down to sunspots and seasonal conditions. Heather is based in Canada by the way. A week later, I saw that Jari Lehtinen in Finland had heard Dunamis on 5th May, including English programming and ID, signing off at 1909. And when I received this month's logs from Arthur Miller, I saw that he too had logged Dunamis on 4750, the day before Jari, on 4th May. Arthur said he heard "a YL with an American accent giving a sermon followed by an OM with contact details, which I couldn't copy nor decipher later from the tape." Arthur also heard Dunamis tentatively on 16th May at 1850-1910 and later when he rechecked at 2040-2047 when the station left the air. Only tentatively, as Arthur said he heard no ID and the station has invariably gone off at 1900 when heard in the past. However, the log by Rumen Pankov on 12th May above also reports a later sign-off at 2049, by which time Dunamis was sharing the 4750 channel with China National Radio. Rumen points out the increased broadcast times of Dunamis "till 2050 approx". But both Rumen and Arthur say they haven't heard UBC Radio (4976) also from Uganda at all this month, so it seems very irregular. (Alan Pennington-UK/

British DX Club) Had been silent for several months, scheduled 1500-1900v daily. (Dave Kenny-UK/British DX Club)

USA As of June 1 *EU News Network* has re-branded to *FG Radio* (Famagusta Gazette), the international broadcasting service of the Famagusta Gazette. Full schedule:

0015-0030 on 9955 Eng/Fre Mon via WRMI
Okeechobee
0145-0200 on 9955 Eng/Fre Thu via WRMI
Okeechobee
0415-0430 on 9955 Am Eng/Fre Wed via WRMI
Okeechobee
0415-0430 on 9955 Eng/Fre Fri via WRMI
Okeechobee
1130-1145 on 9955 Eng/Fre Sun via WRMI
Okeechobee
1300-1315 on 9955 Eng/Fre Wed via WRMI
Okeechobee
1345-1400 on 9955 Eng/Fre Tue via WRMI
Okeechobee
1800-1815 on 13600 Eng/Fre Daily via SPL Secretbrod
1845-1900 on 5900 Eng/Fre Sat via SPL Secretbrod
2100-2115 on 7570 Eng/Fre Wed via WRMI
Okeechobee
2100-2115 on 15770 Eng/Fre Wed via WRMI
Okeechobee
2145-2200 on 15770 Eng/Fre Sat via WRMI
Okeechobee
2300-2315 on 11580 Eng/Fre Tue via WRMI
Okeechobee
2300-2315 on 11580 Eng/Fre Thu via WRMI
Okeechobee
(DX Mix, Bulgaria)

Additional transmissions of *Radio France International* via Okeechobee tx#9

0100-0200 on 11580 English Tue-Sun, instead WRMIpx

On Monday are added the following three different broadcasts via Okeechobee tx#9

0100-0115 on 11580 English Mon Harvest Time
0115-0130 on 11580 Italian Mon Made in Italy
0130-0200 on 11580 English Mon Wavescan
(DX Mix, Bulgaria)

Global 24 gone? WRMI transmitter schedules updated in early May no longer show any airtime for Global 24. (British DX Club)

VIETNAM 5975, *Voice of Vietnam-1*, Son Tay. The reported spurs in DX-Window No. 531 of 5975 on both 5967.0 and 5983.0, were completely gone May 25. For almost a week, they were as strong as a primary frequency. Now I can hear Myanmar without a heterodyne on 5985 and no heterodyne while checking for the return of R Klasik (Malaysia) on 5965. But prominently heard again Jun 02 and 03, while Jun 05, 06 and 07 found them completely silent. When heard, these spurs are clearly heard with audio // to other VOV1 frequencies. Their being on and off again seems rather strange to me! (Howard-CA/DX Window)

ZANZIBAR 6015, *ZBC R*, Dole, Zanzibar, 0338-0407, Jun 08, above average reception, long monologue, 0350 brief chant and into ME/ Islamic type music/singing till 0359 with usual drums till pips (5+1), news. (Howard-CA/DX Window)

Zanzibar Broadcasting Corporation in Swahili was back on shortwave:
1500-2100 on 11735 DOL
(DX Mix, Bulgaria)

18th edition of the popular "Broadcasting in Russian" Handbook, edited by the St. Petersburg DX Club, has been released. The Handbook features all (or almost all) radio stations that transmit programs in the Russian language on short and medium waves at present, both from Russia and abroad. Station listings include frequency and programme schedules, transmitter location and power, target areas, postal addresses, phone/fax numbers, Web sites, social network pages, e-mail addresses as well as QSL policy info. The schedules are generally valid until March 28, 2015 (i.e. the end of A15 broadcasting season). The Handbook is distributed as a hard copy only. Volume is 56 pages of A5 size. Please address your purchase requests to: Alexander Beryozkin, P.O.Box 463, St. Petersburg, 190000, Russia or by e-mail: dxspb@nrec.spb.ru. The price is 7 EUR or 8 USD (including delivery by registered mail). Your comments and suggestions regarding the Handbook contents are always welcome! (Alexander Beryozkin, Sankt-Petersburg, Russia/Rus-DX)

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

Shortwave pirate broadcasting continued at a very brisk pace once again during the last month. Pirate broadcasting inevitably increases around major North American holidays. You ought to make your plans to listen to the increased pirate broadcasting activity that is certain to appear around the Fourth of July holiday weekend, which this year is on July 2-4. This traditionally is a major pirate radio holiday. North of the border, July 1 is also this year's Canada Day holiday.

Further, despite the official forthcoming arrival of summer, rising static levels make DXing shortwave pirates more difficult, but do not eliminate the ability of us to hear shortwave pirates.

This month's big news was the assassination of British MP Joy Cox. It is extremely rare for members of Parliament to be assassinated. British police arrested Thomas Mair and charged him with murder as the assassin. Upon his arraignment at Westminster Magistrates Court he gave his name as "death to traitors, freedom for Britain." Following that, the Magistrates ordered that he be seen by a psychiatrist.

Worldwide press quickly cited the Southern Poverty Law Center's findings that Muir was associated with the National Alliance. That's a familiar name in pirate and clandestine radio DX circles, since it was the group that Kevin Alfred Strom belonged to while operating the classic pirate/ clandestine stations Voice of To-Morrow and American Dissident Voices. Strom spent two years in prison in 2007 and 2008 on child pornography charges, but he was then released.

The National Alliance quickly published a denial of this, claiming that the Southern Poverty Law Center is "a violence linked anti-white Jewish-run organization."

Kevin Alfred Strom still produces an internet version of the American Dissident Voices radio program. On June 18 he broadcast detailed denials that the National Alliance had anything to do with the assassination of Joy Cox. Strom's continuing clandestine program can be easily found through Google and other search engines.

Recent FCC busts of pirate radio stations have been dominated as usual by FM pirates with a wide geographic spread. One unusual FCC notice of apparent violation went to the Anchorage, AK school district for failing to properly identify a variety of their transmitters while in use. Over on FM, busted stations included a station on 97.5 MHz in Paterson, NJ, a station on 87.9 MHz in Poughkeepsie, NY, a station on 87.9 MHz in San Diego, CA, and a station on 102.9 MHz in Guntersville, AL. The substantial volume of FM pirate busts every month is continuing, with few shortwave pirate busts in recent months and years.

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:

Burn it Down R. 6970 0004-0058 5/31/16 SIO=343. Memorial Day prgm of rock and folk mx. (Lobdell-MA)

Cold Country Canada 6969 LSB 0030-0045+ 6/1/16 SIO=343. Prgm of classic rock mx. (Lobdell-MA)

He Man R. 6935.4 0214-0224* 5/28/16 SIO=Fair. Rock mx prgm. (Taylor-WI)

He Man R. 6935.4 0148 5/28/16 Poor in static. OM & YL w/prgm of rock mx and anc whistling. (Cooper-PA)

- Insane R.** 6935 AM 0248-0336* 5/12/16 SIO=343. Frank Zappa rock plus parody ads. (Lobdell-MA)
- Mike R.** 13895 1421-1430* 5/28/16 SIO=131. Ancd as test prgm w/rock mx & IDs. (Lobdell-MA)
- Old Time R.** 6770 0150 5/25/16 Fair to poor. Relay of an ancient radio comedy show w/ OM & YL comedians and audience laughter. (Cooper-PA)
- Pee Wee R.** 6925 0140-0228 5/29/16 Fair to good. Prgm of electronic mx & sfx. CW IDs and SSTV image at close. (Taylor-WI)
- Pirate Numbers Station** 6925 0150 5/28/16 Fair. 5 digit #s in apparently Russian w/ USSR NA at close. (Taylor-WI)
- Pirate Numbers Station** 6925 0156 5/28/16 Fair. 5 digit #s in apparently Russian w/ USSR NA at close. (Cooper-PA)
- R. Free Whatever** 6965 0055-0146 5/16/16 SIO=555/232. Dick Weed w/prgm of music by various artists. (Lobdell-MA)
- R. Free Whatever** 6965 0109-0125+ 5/20/16 SIO=555/232. Dick Weed w/prgm of mx incl various artists. (Lobdell-MA)
- R. Free Whatever** 6940 0102 5/28/16 Fair. Prgm of rock mx. (Taylor-WI)
- R. Free Whatever** 6940 0122 5/28/16 Fair. Dick Weed watching Yls playing beach volleyball & mx prgm w/mention of R. Illuminati and also 89.7 FM. (Cooper-PA)
- R. Free Whatever** 6940 0122 5/28/16 S7 to S9 in noise. Mostly a rock mx prgm. (Hauser-OK)
- R. Illuminati** 6950 0132 5/28/16 Fair. Rock mx prgm w/mention of 89.7 FM. (Cooper-PA)
- R. Illuminati** 6950 AM 0125-0140 5/28/16 SIO=333. Rock mx prgm w/OM ancr. (Lobdell-MA)
- SBC Satellite R. Relay** 6925 0222 5/22/16 Fair. Prgm mostly of rap mx. (Taylor-WI)
- Skippy R.** 6955 0208-0216 5/28/16 Poor. Spooky & psychedelic mx. (Cooper-PA)
- The Crystal Ship** 6875 AM 0147-0213 5/19/16 SIO=333. Prgm of 1960s bubblegum rock mx. (Lobdell-MA)
- WJD, R. Indiana** 6925 0225 5/28/16 Fair. Prgm of prank phone calls. (Taylor-WI)
- WREC, R. Free East Coast** 6925 0100 5/28/16 Fair to poor. Mx prgm poorly copied in local static. (Cooper-PA)
- WREC, R. Free East Coast** 6976.7 0052 5/29/16 Fair. Mx prgm w/OM & YL ancrs. (Cooper-PA)
- XLR8** 6875 AM 0408-0412 5/21/16 SIO=333. Prgm of rock mx incl "Driver's Seat" by Sniff N the Tears. (Lobdell-MA)
- XLR8** 6875 AM 0128-0204* 5/23/16 Poor in noise. Prgm of rock mx. (Hauser-OK) 

NASWA Facebook Page

Join moderator **Richard Murphy** <richard.murphy@swri.org> at the club's Facebook page which provides members with another way to keep in touch. 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.



QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



CLANDESTINE (South Sudan): Eye Radio

* 11730 The station responded w/ a "round about verification" from USAID in 2 days indicating that my rpt. would be passed along w/ USAID Africa who would be in the best position to respond. The re-

port was left on their website and the response came from "Scott" at USAID. Maybe this will lead to something more substantial. (D'Angelo-
EAST GERMANY: Bible Voice Broadcasting 17575 via Nauen f/d cd. in 26 PA). ds. (Paszkievicz-WI). ...Extremely happy to have you back. It has been quite a while since I last printed your name in the QSL Column...Sam.
FRANCE: Deutsche Welle 17800 via Issoudun f/d ca. in 27 ds. (Paszkievicz-WI).

STATION NOTES: Border Hunter Radio 6205 Email: borderhunterrado@hotmail.com
Free Radio Service Holland 6265 Email: frs@fraholland.nl

Shadow Shortwave 6287 Email: sw.radioshadow@gmail.com
Atlantic Ireland 6960 Email: studio@atlanticradio.ie
Radio Polonia 9660 via Montsinery v/s Aleksander Kropivnicki, Editor. Geronimo Shortwave 6266 Email: geronimoshortwave@hotmail.com ...via PLAY DX..sam.

Nexus

IRRS-Shortwave Reception reports <reports@nexus.org>

02/03/2009 01:41 PM

To: rdangelo@firstenergycorp.com
Cc: Rdangelo3@aol.com
Subject: Re: [Ther@20090202200294Z] Reception Report: Miraya FM via transmitter at Rimavska Sobota, Slovakia, on 31 January 2009 from [...]

Dear Richard,

Thank You for your email. We do acknowledge hereby your reception report, and will forward it to the programmers that you mention for verification. They may reply to you with a QSL or verification letter. If this is not acceptable, please let us know by return email within the next 24 hours.

Due to budget constraints, we are unable to reply to all QSL requests or send information, stickers, postcards, schedules or gadgets by regular mail. However we do confirm by QSL when:

- 1) we run special broadcasts that are announced over our mailing list or on the air, and you request a QSL by sending us your full mailing address.
- 2) we receive detailed comments on the content of our programming (good or bad, not just on the technical side). This is extremely useful to our program producers and, help us all in improving the quality and content of our broadcasts.

We do however take special efforts in answering to your questions and confirming your reports by email when you write to reports@nexus.org.

Please check our web site at <http://www.nexus.org> for more information on our broadcasts and our association. Our latest schedules are available at: <http://www.nexus.org/NEXUS-IBA/Schedules/>

Our broadcasts can also be received 24/24 and 7/7 over the internet at: <http://www.100000.org>

You may also subscribe to our low-noise mailing list to receive information on schedules or test broadcasts at: you@maillist.nexus.org/maillist@nexus.org

I am sorry if this is causing any inconvenience, but I hope you will continue to listen to our programs.

Best regards, Ron Norton

GUAM: KSDA Adventist

World Radio 15435

via Facpi Point The station verified my email rpt. to their Bangkok office at: asia@awr.org w/ a f/d "KSDA Guam Station Rededication, September 3, 2013" airmail postcard from Thailand indicating a power of 100 kW in 32 ds. from an illegible v/s. (D'Angelo-PA).

ITALY (Pirate): Italian Broadcasting Corpor-

ation 6910 f/d cd. in 2 mos. for an email rpt. to: ibc@europe.com
 This is the same station that I verified in 1981 and 1988. (Bares-MA)...I really can't believe this. Both you and Cheryl in the same month. The QSL Gods must be with me...Sam.

MALAGASY REPUBLIC: Madagascar World

* **Voice 9480** The station verified my email rpt. w/ a partial data email reply from Henry Hiffard at African Pathways Radio in less than a day. He indicated that he plans to fill out my QSL card tomorrow, so I should receive it in the following week. ..which I did! (D'Angelo -PA). 9480 f/d cd. in 24 ds. (Paszkiewicz-WI).

VOICE OF MALAYSIA, P.O. BOX 11272, 50740 KUALA LUMPUR, MALAYSIA.

TEL: 603-282333/2824975 FAX: 603-2473594

E-MAIL: vo@malayia.gov.my

Please address all correspondence to :

Pls find some small souvenirs from Wm. T/A
 Do write to us again.
 Thank you for reception report. We hereby wish full on the above date and time you received a transmission of our station VOICE OF MALAYSIA.

Transmitter Feed - 10KW into a HR2/20.38 antenna.
 DATE: _____ UTC: _____ KHZ: _____
 S/N/A: _____



BROADCAST FREQUENCY (KHZ) BAND	TIME (UTC)
ARABIC - 1529519M	1530-1630
BRMALAYSIA - 8175468 975031M 1529519M	0830-1030 1700-1900
ENGLISH - 817549M 975031M 1529519M	0600-0830
INDONESIA - 610049M 817549M 975031M	2200-2400 0830-1400
MANDARIN - 1188525M 1529519M	1030-1230
MYANMAR - 610049M	1430-1530
THAI - 610049M	1300-1430
TAGALOG - 14074M 975031M 602549M 81.1FM	1030-1300
SUARASISLAM - 610049M 8175468M 975031M 1529519M 602549M 81.1FM	1400-1700
VOICE OF ISLAM - 617548M 975031M	0300-0600

To:

AFEX
POSTAGE
HERE

STATION NOTES: Voice of Croatia 7410

v/s Mladen Gloubic, Frequency Manager. Email: mladen.golubic@oiv.hr
Radio Marti 9565 Email: mraydearenas@ocb.ibb.gov
Radio Africa One 9580 v/s Guy Kalenda, Services Techniques Email: guykalenda@africa1.com

Addr: Rue de Faubourg saint-antoine, F-75011 Paris, France. **Radio 9 de Julho** 9820 v/s Jose Renato Ferreira, Director. Email: radio@radiocdejulho.com.br
La Rosa de Tokyo 9955 DX Program from **Grupo Radio Escucha Argentino** via **WRMI Radio Miami International** Email: lrradio@gmail.com v/s Omar Somma. **The Technische Man** 3905 Addr: Postbus 65, NL-7260 AB Ruurlo, The Netherlands. **Radio Atlantic 2000 International** 3955 Email: atlantictic2000international@gmail.com
Radio Verdad 4055 v/s Dr. Edgar A. Madrid, Director. Addr: Apartado 5, Chiquimula, Guatemala. **Armed Forces Radio and Television Service** 4319 via **Diego Garcia** Email: QSL@dodmedia.osd.mil Addr: AFRTS Broadcast Center, 23755 "Z" Street, Building 2730 Riverside, CA 92518...via PLAY DX...Sam.

Quite a nice QSL Column this month with some old voices from the past. It was very nice hearing from both of you.

Gregg, of course, was very active in various aspects of pirate radio back in the 80's. He was sometimes assisted by guess who. I remember one instance where he taped a BBC World News Report and retransmitted it on 2380 kHz. Guess what station used that frequency..FIBS. We actually got a few reception reports. Hi!

See you all next month...sam.

Sam

UN Radio

الإذاعة الأمم المتحدة - 联合国广播社
 United Nations Radio - La Radio des Nations Unies
 Радио Объединенных Наций
 La Radio de las Naciones Unidas

Thanks

Richard A. D'Angelo
 Frequency: 17,810 kHz
 Relay: Merlin TV Facilities
 Date: 4 November 2004
 Time: 1729:30 - 1745 UTC

the details of which are correct

UN RADIO - NEW YORK, NY 10017 USA

Contributors' Page

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Ed CICHOREK, Somerset, NJ	R-75, SW-8, ICF-2010, SX-99, Eavesdropper
John COOPER, Lebanon, PA	WR-G33DDC, SDR-IQ, Sat 750, PL-660, ALA1530+, SWL sloper
Rich D'ANGELO, Wyomissing, PA	RX340, R8B, E1, E5, DX Sloper, Mini-Window, FL3, ANC4
John & Sandra DAVIS, Columbus, OH	R-390 & 391As, Mackay 5050A, WJ HF-1000A, 42' Window, 16' end fed
Robert FRASER, Belfast, ME	ICF SW-100, YB 300, whip antenna
Glenn HAUSER, Enid, OK	FRG-7, DX-398/ATS-909, YB400, ICF SW-07
William McGUIRE, Cheverly, MD	DX-380
Sheryl PASZKIEWICZ, Manitowoc, WI	NRD-525, Eavesdropper
Alan ROE, Teddington, UK	Winradio G31 Excalibur,, ELAD FDM-S2 17m long wire
David TURNICK, Sinking Spring, PA	RX340, WinRadio G31DDC, Alpha Delta DX sloper, 49m dipole
Paul WALKER, Galena, AK	PL-880, 225' lw, ZM2 tuner, ALA1530LNP
Robert WILKNER, Pompano Beach, FL	535D, R8. IC746Pro



2000-5900 kHz

Tropical Band Loggings

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

- 2485 AUSTRALIA VL8K Katherine 1125 Barely audible; better than 2325 & of course, weaker than 4835; 6/9. (Hauser-OK)
- 3260 PNG R. Madang Madang 1126 S2 w/ some mx audible; we are at our earliest sunrise now in Enid of 1113 UT; 6/9. (Hauser-OK) 1027-1034 Ancr w/ mx & talk; fair; way better than usual; [date?-ed.]. (Walker-AK)
- 3289.95 GUYANA GBC Georgetown 2230 Mx f/in; 6/2. (Wilkner-FL)
- 3310 BOLIVIA R. Mosoj Chaski Cochabamba 0100 M ancr over flutes; poor; 6/7. (Cooper-PA)
- 3320 SOUTH AFRICA R. Sondergrense Meyerton 0040 M ancr in Afrikaans w/ classical mx; fair; 6/1. (Cooper-PA)
- 3325 PNG R. Bougainville 1027-1034 M ancr in Tok Pision re mine safety & regulations ;better than average sig; [date?-ed.]. (Walker-AK)
- 3480 SOUTH KOREA V. of the People Kyonggi-do 0958 (T); M & W ancrs w. mx & talk; poor-JBA; 6/6. (Cooper-PA)
- 3965 FRANCE RFI Issoudun 0250 DRM; Couleurs Tropicales-Club/dance mx; occ. audio drop outs; 13dB; 5/21. (Roe-UK)
- 3995 GERMANY HCJB Deutsche Weenermoor 0405 W ancr in GG w/ hymns & talk; f-g; 5/18. (Roe-UK)
- 4055 GUATEMALA R. Verdad Chiquimula 0105 Cuckoo call followed by instrumental mx; M & W ancr w/ talk; poor; 6/2. (Cooper-PA) 2350-0000 Choral mx & M ancr; surprisingly weak sig for this semi-lcl stn; 6/3. (Wilkner-FL)
- 4055 GUATEMALA Radio Verdad Chiquimula 1018 NA; IS; M ancr w/ ID & freq ancrment in SS & EE; fair; 6/6. (Cooper-PA)
- 4747.5 PERU R. Huanta 2000 Huanta 2340-2355 M ancr enespa0ol; CODAR on top made listening unpleasant; 6/3. (Wilkner-FL)
- 4750 BANGLADESH Bangladesh Betar Shavar 2150 Extended sked w/ M ancr & number of Bangladeshi songs; poor; 5/20. (Roe-UK)
- 4765 CUBA R. Progreso 0255 W ancr in SS; Elvis Presley song "Surrender"; p-f; 5/18. (Roe-UK)
- 4774.90 PERU R. Tarma Tarma 0105 (P); M ancr in SS w/ mx & talk; poor; 6/7. (Cooper-PA)

- 4805 **BRAZIL R. Difusora do Amazonas** Manaus 2325-2335 M anc in PP; weak, steady sig; 6/3. (Wilkner-FL)
- 4820 **TIBET PBS Xizang** Lhasa 2015 Nice selection of CC instrumental mx; 2100 into operatic mx in a prg possibly called "Golden Melody" per <http://www.vtibet.com/en/radio/live/?inputStr=hy://6050>; fair; 5/29. (Roe-UK)
- 4824.46 **PERU LV de la Selva** Iquitos 2330-2345 (T); Weak sig in SS; 6/1. (Wilkner-FL)
- 4870 **INDONESIA RRI Wamena** 1001 Lcl mx; fair w/ fading; 6/12. (Walker-AK)
- 4875.13 **BRAZIL R. Difusora Roraima** Boa Vista 0045 M anc in PP w/ mx & talk; QRM from MARS ops; poor; 6/9. (Cooper-PA)
- 4885 **BRAZIL R. Clube do Para** Belem 0050 M anc in PP w/ lengthy talk; fair; 6/1. (Cooper-PA)0105 Two M ancrs in discussion; poor; 6/8. (Cooper-PA)
- 4920 **TIBET PBS Xizang** Lhasa 2140 (P) Tibetan songs & talk by W anc w/ M via phone; "Plateau Melody" per <http://www.vtibet.com/en/radio/live/?inputStr=zy;> ; poor; 5/29. (Roe-UK)
- 4925.21 **BRAZIL R. Educacao Rural** Tefe 0102 M anc in PP w/ futbol game; poor; 6/9. (Cooper-PA)
- 4949.71 **ANGOLA RN de Angola** Mulvenos 0020-0045 M anc in PP w/ listener phone calls; mentions of stn during chatter segments; light instrumental mx at 0041 followed by another phone call; poor w/ low audio; 6/2. (DiAngelo-PA) 2325-2340 M anc in PP; 6/3. (Wilkner-FL)
- 4960 **SÃO TOMÉ VOA** Pinheira 0359-0420 IS; ID at 0400 and nx; f-g; 6/6. (D'Angelo-PA)
- 5005 **EQUATORIAL GUINEA R. Bata** 0159 On with talk; 0200 mx; about 59 but still under the storm noise lvl, so no good here; Europeans had been excited about 5005 staying on the air into their evening, apparently unusual, but I didn't suppose it would remain all night until Dan Robinson reminded me; as of 0315 he says, "...seemingly also mentioning in Spanish that they are broadcasting to or being heard in various places around the world. Quite interesting; it remains to be seen what occasion this was, if any."; a DX test?; 6/3. (Hauser-OK)
- 5020 **SOLOMON ISLANDS SIBC** Honoria 1025 (P); W anc in EE w/ mx & talk; poor; 6/1. (Taylor-WI) 1011 Relg mx; good; recording of 5020khz here: <https://goo.gl/d8BFX2>; 6/12. (Walker-AK)
- 5025 **CUBA R. Rebelde** Bauta 0250 iCalifornia Dreamingi by the Mamas & the Papas; SS mx & talk; good; 6/4. (Cooper-PA)
- 5050 **USA WWRB** Manchester 0104 S9+40, but totally unreadable w/ heavy breakup of audio feed; seemed to be EE but can't even be positive about that; why b/cast such stuff at all?; attentive stns used to air an apology & fill w/ mx or something; 6/6. (Hauser-OK)
- 5765 **USA WRMI** Okeechobee 0550 Brother Stair is talking about me again, alleging I am an agnostic; refutes my comment that his donor-followers are "suckers"; also something about Napoleon I really don't get; he seems to have done a very poor job of editing different segments together; 6/1. (Hauser-OK)
- 5830 **USA WTWW** Lebanon 0020 12105, 9930, 9475, 5850 & 5085 all possible WTWW frequs are still/ again off, like last check June 5 at 0108; has it ever been on this weekend?; 5830 at least is back on at 0408 check; 6/6. (Hauser-OK)
- 5865 **KUWAIT R. Farda** Umm al-Rimam 0125 M anc in listed Farsi between mx selections; fair; 6/7. (Cooper-PA)

5901-30000 kHz

International Band Loggings

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

- 5910 **FRANCE NHK** via Issoudun, 0440-0500* May 21, man and woman announcing team speaking in the Japanese language with brief instrumental music segments. Musical fanfare prior to news at 0455. NHK ID and announcements at 0458 with three pips before the carrier was terminated. Good signal. (D'Angelo-PA)
- 5952 **BOLIVIA Emisoras Pio XII** Siglo Veinte, at 0115, on 25 May. A song with a male singer is playing. A male DJ came on and spoke in Spanish, followed by a female announcer talking. Fair. (Cooper, PA)
- 6040 **BRAZIL Rádio RB2** June 13 at 0556, very poor carrier no doubt from Rádio RB2, ex-6040.4, offer frequency than before. Aoki shows a few precise splits, not including this one, just "6040" which it never attains (Hauser- OK))
- 6050 **ECUADOR HCJB** Quito, 0403-0437 May 21, English program which was a Jazz program featuring clarinet and Dixieland jazz music selections with a male host with some religious messages. Apparently, a weekly program. German language program featuring ID commencing at 0430. Fair to good. (D'Angelo-PA)

- 6050 **EQUADOR Voice of the Andes** Quito, at 0927 on 24 May. A song with several male singers was on followed by a young female speaking in (P) Quechua as listed. . Fair. (Cooper, PA)
- 6070 **CANADA CFRB/CFRX** 1209 to 1216 with an ID at 1215 as News Talk 1010, SINFO=35534, I heard about investors buying up single or groups of condominiums in Toronto's hot market 4/29/16. (Davis-OH)
- 6080 **BOTSWANA Voice of America** Moepeng Hill, 0312-0400* May 25, Daybreak Africa program with promos, IDs and features. Editorial at 0357 just before closedown. Instrumental music and carrier cut. Fair to good. (D'Angelo-PA)
- 6155 **AUSTRIA Radio Ö1** Moosbrunn, 0501-0516 May 21, man announcer with German language talk soon joined by a female. Program of talk features. Poor to fair. (D'Angelo-PA)
- 6160 **CANADA (NEWFOUNDLAND) CKZN** St Johns, at 0130, on 25 May. A female singer is singing a jazz type song in English. A male announcer came on and talked about her voice. He then went on to interview the singer. Fair. (Cooper, PA)
- 6180 **BRAZIL Radio Nacional Brasilia** Brasilia, at 0936, on 24 May. A male announcer was talking to a female caller into the station in Portuguese. A new caller a male this time started to talk to him. There was a brief musical interlude with more talk. Fair. (Cooper, PA)
- 6190 **MADAGASCAR. World Christian Broadcasting KNLS** Mahajanga, at 0205, on 24 May. A female announcer was speaking in Spanish followed by a male speaker talking. A song came on next with a male singer. Fair. (Cooper, PA)
- 6215 **INTERNATIONAL DISTRESS FREQUENCY** USB, used by ships at sea, 1217 to 1221 with no ID and in an unknown language, no SINFO, I heard a male speaking very rapidly, Sandra checked this out on the Internet for me, she is an excellent researcher, this is a first for me, 4/29. (Davis-OH)
- 6604 **CANADA Gander Radio** the USB mode, 1153 to 1155 with an ID at 1155, SINFO= 2,5,3,4,2, the overall merit was downgraded, because of the small signal, I heard Canadian weather information for St. Johns at 1154,. 4/21. (Davis-OH)
- 7275 **SOUTH KOREA KBS World Radio** Kimjae, at 0945, on 24 May. The KBS station theme song was playing followed by a male announcer speaking in Korean briefly, and then a female announcer came on. There was another brief musical interval followed by more talk with both a male and female announcers. Fair-Poor. (Cooper, PA)
- 7285 **IRAN Voice of the Islamic Republic of Iran** Zahedan, 2324-0025* May 25, conversation by two men in the Arabic language. Id at 0000 followed by a man hosting recitations and later a woman hosting other features. Carrier terminated while another man was talking. Fair to good. (D'Angelo-PA)
- 7295 **MALI China Radio Int7** Bamako 2329-2335, 5-24-16. Man in listed Chinese followed by vocals to 2400. No ID lots of talk by male and female. Fair signal. (Cichorek-NJ)
- 7355 **AUSTRIA BBC** Moosbrunn, at 0140, on 24 May. A female announcer is speaking in Pashto. She was followed by a male announcer talking in what sounded like possible news headlines as Taliban was mentioned. A musical interlude with a BBC station ID was given by the male announcer. Good. (Cooper, PA)
- 9400 **LITHUANIA RFA** Sitkunai, (P), at 0120, on 24 May. A male and a female announcer were speaking in Uyghur. The female kept mentioning "program" when she talked along with a mention of BBC... Fair. (Cooper, PA)
- 9410 **THAILAND BBC** Nakhon Sawan, at 0112, on 24 May. A female announcer is interviewing a male in English about his travels in the South Pacific, and Australia. He also talked about his travels in Nigeria. Fair. (Cooper, PA)
- 9420 **GREECE Helliniki Radio Phonia** 2010 to 2015 with an English ID at 2011, SINFO=45533, I heard some enjoyable Greek music, 4/12. (Davis-OH)
- 9420 **GREECE, Helliniki Radiophonia** 2350-0004, 5-25-16. Pleasant female vocals, talk in Greek by M and W followed by more vocals. 10 to 20db signal. (Cichorek-NJ)
- 9420 **GREECE ERA** June 18 at 0202, ERA IS and ID, into music, very good S9+20, but no signal on 9935, 11645. (I did have something on 15630 earlier which reminded me of Greece, but now it must have been AWR/Sri Lanka) (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9480 **MADAGASCAR African Pathways Radio** Mahajanga, 0409-0437 May 19, tuned in to the English language program featuring talk about building a healthy marriage, IDs, choir vocals and segment entitled "Immersed in Life". Henry Huffard identified himself along with contact information. Fair to good. (D'Angelo-PA)
- 9490 **FRANCE Radio Republica** Issoudun, (Opposition to Cuba,) at 0220, on 29 May. A male announcer is speaking in Spanish. There is some light pulse jamming that can be heard. A station ID came on with music in the background followed by a male announcer talking about the station being on the internet. Good. (Cooper, PA)

- 9515 **TURKEY Voice of Turkey (VOT)** 0322 to 0328 with an ID at 0326, SINFO=55545, this is one of their best signals, ever. I heard their *Question of the Month* about someone who had died, a person I have never heard of before, 4/16. (Davis-OH)
- 9570 **CHINA China Radio Int'l** at 0005 6/5in EE. 'On the Road' program. (McGuire-MD)
- 9580 **AUSTRALIA Radio Australia** 1042 to 1059 with an ID at 1059, SINFO=25542, the overall merit was reduced because of the weak signal, I heard part of the *Health Report* and new ways for patients to report medical observations over iPhones to their doctors, 4/27. (Davis-OH)
- 9580 **AUSTRALIA Radio Australia** Shepparton, at 0955, on 24 May. A female announcer is interviewing in English another female who is suffering from OCD. . Good. (Cooper, PA)
- 9595 **JAPAN Radio Nikkei 1** Chiba Nagara, at 1008, on 24 May. A song is playing that sounds like traditional Japanese music sung with a male and a female singer. A male announcer came on and spoke in Japanese. Fair. (Cooper, PA)
- 9600 **CHINA China Radio International (CRI)** 1222 to 1230 with IDs at 1229 and 1230, SINFO=55334, I heard about the Taliban and their most recent attack on Kabul, 4/21. (Davis-OH)
- 9600 **CHINA China R Int** Kashi, 05/16, 2010. English. Chinese Theatre (either a radio drama in English or a TV Soundtrack). 55555. (Roe-UK)
- 9625 **AUSTRIA V of Vietnam** Moosbrunn, 05/16, 1700. English. news and Current Affairs, followed by Colourful Vietnam, with another episode in a series looking at the ha Nhi people. 55555. (Roe-UK)
- 9645 **BRAZIL Radio Bandeirantes** Sao Paulo, at 0040, on 23 May. Two male announcers are talking back and forth in Portuguese. A new male speaker came on with a deep bass voice. . Poor. (Cooper, PA)
- 9650 **NORTH KOREA Voice of Korea** Kujang, at 1015, on 24 May. A slow sad sounding song with a chorus of female singers in a choir is playing. When the song ended a female announcer came on and spoke in Japanese. A new song came on with several male singers. Fair. (Cooper, PA)
- 9655 **ALASKA KNLS** Anchor Point, at 1022, on 24 May. A female announcer is speaking in Mandarin as listed. A musical interlude played with piano music which was followed by a male announcer coming on and talking. Poor. (Cooper, PA)
- 9665 **BRAZIL Radio Voz Missionaria** Camboriu, at 0229, on 29 May. A male announcer was speaking in Portuguese, stating "Amen" at the end of his talk. . Fair. (Cooper, PA)
- 9700 **NEW ZEALAND RNZI** 1022 to 1055 with an ID at 1055, SINFO=45433, I heard an interview with an author who wrote a book about the new math and science available now in this century, he said that older doctors and lawyers will have to be re-trained; silly man, they just need upgrade training,. 5/4. (Davis-OH)
- 9700 **NEW ZEALAND Radio New Zealand Int'l.** 1054-1100, 5-25-16. Program on history of April 25, 1916, ANZAC Day. 5+1 time pips and into the regional news in English by male ancr. Casual ID's, SIO444. (Cichorek-NJ)
- 9700 **NEW ZEALAND RNZ** Rangitaiki, at 1028, on 24 May. A female announcer is talking in English interviewing a guide who is representing Sherpa's who climb Mt. Everest. Good. (Cooper, PA)
- 9710 **VATICAN NHK World R Japan** Santa Maria di Galeria, 05/19, 1930. English. News, including Insight on US/Japanese ties if there is a Trump Presidency. Welcome to Amazing Japan (re-broadcast of a visit to Ise Jingu Shrine, location for the 2016 G7 summit). 55444. (Roe-UK)
- 9730 **ROMANIA Radio Romania Int'l** 5/7 at 0000 in EE with Regional news. Good (McGuire-MD)
- 9730 **VIETNAM V of Vietnam** Hanoi, 05/20, 2015. Russian. Mostly talk by a women and also 2 Vietnamese songs. 35333. (Roe-UK)
- 9740 **SINGAPORE British Broadcasting Corp. (BBC) World Service** 1250 to 1300 with a tentative ID via the Internet, SINFO=31331, I had a good signal until another station came up on the frequency and wiped it out, 4/25. (Davis-OH)
- 9740 **THAILAND. BBC-Nakhon Sawan**, at 1040, on 24 May. A female announcer is interviewing a news reporter in English about Obamas visit to Vietnam. A BBCWS station ID was given out next. Fair. (Cooper, PA)
- 9760 **TURKEY R Romania Int** Galbeni, 05/21, 2225. English. All That Jazz (with songs by three different jazz vocalists all called Elena (Elena Constantinou, Elena Mandrou, Elena Morashano). 55555. (Roe-UK)
- 9785 **TURKEY V of Turkey** Emirler, 05/20, 1830. English. News; Press review; Tell Me About Islam about Mirage/The Night Journey; then a long selection of Turkish songs. 55444. (Roe-UK)
- 9830 **TURKEY V of Turkey** Emirler, 05/21, 2300. English. News followed by "Legends of Anatolia" (and the legend of Belkis in Aspendos) and "Turkey's New Vision" (about unemployment issues). 55544. (Roe-UK)
- 9835 **MALAYSIA RTM Sarawak FM** Kajang, at 1045, on 24 May. A male speaker is chanting what may be verses from the Holy Ko'ran. A male announcer came on and briefly spoke in (P) Fair-Poor. (Cooper, PA)

- 9854 **ALBANIA Radio Tirana** June 18 at 0124, R. Tirana IS, audible under very heavy hum, distortion, motorboating, around S6. Recheck at 0152, ONLY the noise, humroar, no program audio: was it that way thruout? 0158 once again the IS is audible underneath the noise (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9890 **OMAN BBC** Al Seela, at 2255, on 22 May. A panel with a male and female announcer was talking about Middle Eastern issues in English. A musical bridge played with a female announcer giving a station ID along with a preview of this month's programs. The station went off the air at 2300. Fair. (Cooper, PA)
- 9920 **ALASKA KNLS** 5/24 1340 EG/CH Christian pgm, good sig (Paszkievicz-WI)
- 9925 **EAST GERMANY The Mighty KBC** Nauen, at 0123, on 29 May. An old time rock song is playing sung by Walter Egan. . Good. (Cooper, PA)
- 9940 **INDIA All India Radio** 1235 to 1245 with a tentative ID via the Internet, Burmese, SINFO=55334, I heard a woman sing with a beautiful voice, but she was cut off by a male announcer, and then another song by the same woman, 4/21. (Davis-OH)
- 9955 **UNITED STATES Radio Hobart International** via Okeechobee, 0330-0400 May 22, Show #27 featuring multiple IDs and contact information, comedy routines, DX tips and music. Very good signal tonight. (D'Angelo-PA)
- 9955 **CYPRUS [non] WRMI** Wed June 15 at 1300-1315, WRMI with FG Radio --- nothing but classic rock tunes including Marvin Gaye, interspersed with Famagusta Gazette promos in English and French --- no real news from Cyprus, let alone Greece, Turkey, southern Europe on this program (Hauser- OK)
- 9965 **PALAU T8WH** Loren Davis Ministries, 1357-1410, 5-22-16. Very weak signal here. Sermon by male with many mentions of the bible. SIO222 (Cichorek-NJ)
- 11580 **USA WRMI** Okeechobee, 05/19, 2045. World Music program with Mid eastern and Asian songs. 25332. (Roe-UK) World Music also heard 05/13 at 0230. 45444 (Roe-UK)
- 11580 **USA Hobart R Int** Okeechobee, 05/21, 2330. English. Abbott & Costello on nylon stockings with Lucille Ball, some pirate radio shortwave recordings and logs. 45544. (Roe-UK)
- 11648 **SUDAN [and non] Radio Dabanga** June 13 at 0436, bunch of carriers and/or tone modulation peaks to jam R. Dabanga, which has moved safely away to 11645 via Vatican. Previously had nailed one to 11651.25 when Dabanga was still on 11650.0. At 0602 recheck they are all off (Hauser- OK)
- 11650 **CHINA China R Int** Urumqi, 05/23, 1900. German. Trad Chinese song, then clips of modern music and talk by woman and man. References to "The Gazette" -which may have been a music group. 55555. (Roe-UK)
- 11670 **INDIA General Overseas Service of All India Radio (AIR)**, 2204 to 2210 with an ID at 2210, SINFO=35433, an announcer noted their new website and that they want to hear from "you." 4/10. (Davis-OH)
- 11710 **NORTH KOREA Voice of Korea** 1109 to 1125 with an ID at 1125, the original SINFO was 3, 4, 1,3,1. I heard a number of choir pieces, the 6790. The announcer noted the English Language Service of the Voice of Korea. 4/27. (Davis-OH)
- 11735 **BRAZIL Radio Transmundial** Santa Maria, at 1100, on 24 May. A pop song was playing followed by a male announcer giving a station ID in Portuguese with light music playing in the background... Fair-Poor. (Cooper, PA)
- 11735 **TANZANIA ZBC** Dole, 05/28, 1645. Swahili. Long gentle, rhythmic songs. 35443. (Roe-UK)
- 11770 **MADAGASCAR KNLS** 2215-2222, 5-15-16. Woman in listed Arabic followed by short vocal. Man and woman in Arabic. Sounded like woman was interviewed man by phone. S-7 signal. (Cichorek-NJ)
- 11800 **GERMANY Adventist World Radio (AWR)** 1903 to 1905 with a tentative ID via the Internet, Arabic, SINFO=25542 downgraded because of a minimal signal, I heard a woman sing an old hymn,. (Davis-OH)
- 11800 **ROMANIA Radio Romania Int'l** 0000-0045 in EE. Numerous features and reports (Fraser-ME)
- 11800 **ROMANIA R Romania Int** Tiganesti, 05/17, 1820. German. Business Club presented by woman. DRM:25dB. (Roe-UK)
- 11810 **ASCENSION ISLAND British Broadcasting Corp. (BBC) World Service** 2007 to 2021 with IDs at 2019 and 2020, SINFO=25232, this signal completely faded out from time to time, one journalist talked to a refugee about his thoughts about crossing the border into Europe, 4/13. (Davis-OH)
- 11810 **ROMANIA R Romania Int** Tiganesti, 05/17, 1715. English. Truly Romanian with songs by Mariana Angele, followed by DX Mailbag. DRM:26dB. (Roe-UK)
- 11820 **SAUDI ARABIA BKSA** June 16 at 2035, S7 BSKSA in Arabic not Qur'an at the moment, perpetually off+frequency worsening the ACI from 11825 WRMIBS, but mostly evitable by LSB tuning. Sometimes for my nap I can't find anything better than this on SW for soporific music (Glenn Hauser, OK, DX LISTENING DIGEST)

- 11854 **BRAZIL Radio Aparecida-Aparecida** at 2335, on 23 May. A song with a female singer was playing followed by a male DJ speaking in Portuguese. There was some QRM from 11860. Fair. (Cooper, PA)
- 11860 **SAUDI ARABIA Radio Sana'a-Riyadh (P)** at 2320, on 23 May. Several Middle Eastern songs played with male and female singers. At the half hour a male announcer came on and spoke in Arabic. He gave what sounded like a news report mentioning Yemen and Saudi Arabia. Good. (Cooper, PA)
- 11875 **UNITED KINGDOM IBRA Media** (a Christian shortwave broadcaster), 1908 to 1913 with a tentative ID via the Internet, the Futa-Jalon language, SINFO=25442, the overall merit was reduced because of the weak signal, 4/24. (Davis-OH)
- 11875 **ENGLAND IBRA Radio Ibrahim** - Woofferton, 1954-2000* May 22, tuned in to a male religious sounding vocal followed by a woman announcer with program closing at 1957 in listed Bambara language. Group singing until broadcast carrier was terminated. Poor to fair. (D'Angelo-PA)
- 11880 **CUBA Radio Habana Cuba** at 2300 5/24 in EE. Good. (McGuire-MD)
- 11915 **SAUDI ARABIA Broadcasting Service of the Kingdom of Saudi Arabia** Riyadh, 2234-2300* May 25, man announcer and child talking on the Arabic language followed by recitation. Later two men talking. Eventually, carrier was terminated in mid-sentence. Fair. (D'Angelo-PA)
- 11945 **MADAGASCAR KNLS (World Christian Broadcast) 1918 to 1921** with a tentative ID via the Internet, Arabic, SINFO=25542, I heard part of a conversation between a man and woman, (Davis-OH)
- 11945 **MADAGASCAR KNLS (World Christian Broadcast) 1952 to 1953** with a tentative ID via the Internet, Arabic, SINFO=25442, this rating was downgraded because of the weak signal, I listened to a male sing one song, 4/24. (Davis-OH)
- 11945 **PHILIPPINES Radio Veritas Asia** Palauig, at 1110, on 24 May. A male announcer is speaking in Chinese as listed in a long monologue. A hymn played next with a choir of female singers. Fair. (Cooper, PA)
- 11970 **FRANCE NHK World R Japan** Issoudun, 05/28, 0500. English. News. Friends Around World focusing on Africa with talk about Burkino Faso and two-minute segment at end mentioning letters received. 35333. (Roe-UK)
- 11985 **TAIWAN Radio Taiwan International** Danshui, at 1123, on 24 May. A male announcer is talking in Russian at this time. A brief musical interlude came on with the male speaker still talking. Poor. (Cooper, PA)
- 11985 **ALGERIA [non] RTA** June 12 at 0620, Qur'an at S9. During this hour only it's RTA via FRANCE. Aoki claims the language is French, but I daresay it's still in Arabic. It would be interesting if somestation attempted to sing the Qur'an in translations, which are certainly available, but presumably blasphemous to do that (Hauser- OK)
- 12005 **UNITED KINGDOM Voice of Vietnam** Woofferton, at 0120, on 27 May. A female announcer was talking in English about Vietnam's Human Rights progress. A song came on with a male singer singing in Vietnamese. Good. (Cooper, PA)
- 12005 **VIETNAM Voice of Vietnam** at 0100 5/12 in EE. Good. (McGuire-MD)
- 12050 **ASCENSION ISLAND Dandal Kura Radio**, 1957 to 2001(?) in the Kanuri language, a tentative ID via the Internet, SINFO=31431, the interference from EWTN made hearing any program content impossible, see EWTN below, 4/24. (Davis-OH)
- 12050 **USA EWTN** 2000 to 2001 with a tentative ID via the Internet, Spanish, SINFO= see above, the interference from Dandal Kura Radio made the copy of any content impossible, 4/24. (Davis-OH)
- 12060 **FRANCE Radio Algerienne** 1940 to 1941 (?) with a tentative ID via the Internet, Algerian Saharan Arabic, SINFO=I didn't listen long enough to develop a rating, 4/12. (Davis-OH)
- 12115 **KUWAIT RFA** Kuwait at 0035, on 23 May. A male and a female announcer were talking in Burmese as listed. Good. (Cooper, PA)
- 13590 **SANTA MARIA DI GALERIA Voice of America (VOA)** 1749 to 1758 with an ID at 1758, SINFO=35433, I heard part of the *Sunny Side of Sports* program, and the draft of Ohio State University (OSU) football players into the National Football League, a. 4/29. (Davis-OH)
- 13650 **ROMANIA Radio Romania International (RRI)** 2035 to 2046 with an ID at 2044, SINFO=55534, Obama is in London today urging the British to vote for staying in the EU, he just has to meddle in another country's affairs., 4/22. (Davis-OH)
- 13725 **FRANCE Radio France Int'l** June 16 at 0610, RFI English is fair, S7-S9 but just my luck at tune in to discussion of stupid ballgames. Quality of reception varies a lot (Hauser- OK)
- 13725 **FRANCE RFI** Sat June 11 at 0603, RFI sole English hour is S4-S6, too poor to stay with it as I had hoped for "Sound Kitchen" at 0615 (Hauser- OK)
- 13760 **CHINA China Radio International (CRI)** 1831 to 1856 with an ID at 1852, SINFO= 2,5,4,4,2, the overall merit of the rating was reduced, because of the weak signal, *I Want to Learn Chinese* began at 1855., 4/19. (Davis-OH)

- 15120 **CHINA China Radio Int'l** June 11 at 0558, Chinese and music, very poor S3-S5. I'm checking in case Nigeria should be active here, as it's missing from 7255- and 9690-. But VON is not even listed at this hour on 15120 by Aoki; instead this is CRI Mandarin via Beijing site. 15160, June 11 at 0558, another Chinese signal. Aoki shows this one has been CRI Cantonese via Jinhua site (Hauser- OK)
- 15140 **SULTANATE OF OMAN Radio Sultanate of Oman** 1437 to 1441, SINFO=55151, I heard a woman announcer and then a man sang a song about the week ahead, 5/11. (Davis-OH)
- 15140 **OMAN Radio Sultanate** 1445 in EE. (Fraser-ME)
- 15180 **KOREA Voice of Korea** 1303 to 1304 with a tentative via the Internet, Korean, SINFO=35333, a better than average signal, I heard a woman announcer that sounded mad, out ASAP., 4/21. (Davis-OH)
- 15240 **UGANDA [non] Radio Munansi** Sunday June 12 at 1825 check, WWRB is still airing Radio Munansi, very strong signal but with artifacts from lo-fi webfeed out to plus/minus 8 kHz; vernacular, presumed Luganda, and no long pauses this time. Sked has been 17-19 UT Sat & Sun only. They never answered my inquiry on their webform when first identified (Hauser- OK)
- 15275 **TAJIKISTAN Radio Free Asia** 1304 to 1306 with a tentative ID via the Internet, Tibetan, SINFO=55534, an extremely strong signal, a woman sang a mellow song with nice background music, I tuned out as a man began to speak, 4/21. (Davis-OH)
- 15315 **FRANCE Sawtu Linjiila** via Issoudun, 5/23 1832-1900* discussion in Fulfulde, some Afr mx, IDs, addr in Cameroon (Paszkievicz-WI)
- 15420 **SOUTH AFRICA BBC** 1546 to 1549, with an ID at 1549, SINFO=35141, the only words I understood were those in the ID, 5/5. (Davis-OH)
- 15450 **TURKEY Voice of Turkey** 1250 in EE. DS Program followed by 'Question of the Month' 5/15 (FraserOME)
- 15500 **SPAIN Radio Exterior de Espana** 2119 to 2125 with a tentative ID via the Internet, Spanish, SINFO=45544, I heard a male speaking in Spanish, 4/29. (Davis-OH)
- 15575 **SOUTH KOREA KBS World Radio** 1304 to 1319 with an ID at 1319, SINFO=55444, I heard more bad news about North Korea, they launched another missile from a submarine - which is forbidden by a UN resolution. Will North Korea survive another year 4/25. (Davis-OH)
- 15575 **SOUTH KOREA KBS** 5/24 1305 EG discussion, good (Paszkievicz-WI)
- 15575 **SOUTH KOREA KBS World Radio** 1230 in EE. Mailbag program 5/21 (Fraser-ME)
- 15595 **VATICAN Vatican Radio** 1615 to 1623 with a tentative ID via the Internet, SINFO= 3,5,4,3,3, I heard the world news, children need HIV medicine if they are to live productive lives, but there are not enough funds available to pay for treatments., 4/12. (Davis-OH)
- 15630 **UNITED KINGDOM BBC** Woofferton. 6-8-16, 1928-1930, woman in listed Tigrinya language. At 1930 clear ID in English by man and carrier out. SIO222.(Cichorek-NJ)
- 15680 **MADAGASCAR Adventist World Radio (AWR)** 1558 to 1600 with a tentative ID via the Internet, the Malayam language, SINFO=25442, the overall merit was reduced, because of the poor signal, I heard a nice piece of guitar music, 4/25. (Davis-OH)
- 15770 **USA WRMI Radio Northern Ireland** 2105 to 2111 with an ID at 2110, SINFO=25542, the overall merit was reduced because of the weak signal, I heard a mellow rock and roll song and then a male announcer read a letter from a listener., 4/16. (Davis-OH)
- 15800 **TAIWAN Sound of Hope International** 1322 to 1330 with a tentative ID via the Internet, Chinese, SINFO=55535, I heard one male making a statement and another male agreeing with it., 4/25. (Davis-OH)
- 17855 **SPAIN REE** June 14 at 1809, REE is finally reactivated on its North American frequency. It had been missing since at least June 5 (Hauser- OK)
- 17855 **SPAIN REE** June 12 at 1827, REE still AWOL from its North American service, while audible weakly on 17715 to elsewhere, and better on // 15500 (Hauser- OK) 

NASWA Facebook Page

Join moderator **Richard Murphy** <richard.murphy@swri.org> at the club's Facebook page which provides members with another way to keep in touch. 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. 

On the Shortwaves

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< www.ontheshortwaves.com > Update, May 29, 2016 -- This time, under "Specialized Resources/Radio Postcards," we have added four files of station-related postcards from Africa, specifically: (1) Guinea (three views of the Conakry commercial radio-telegraph station); (2) Mozambique (two views of Radio Clube de Mozambique, including the nearby public gardens); (3) Nigeria (Broadcasting House in Lagos [1955], and the "town signal station" at the Lagos marina; and (4) Senegal (multiple views of the radio-telegraph station in Dakar, and a view [last image] of Senegal IV in Ziguinchor). -- Also under "Specialized Resources," you will find a new Wavescan entry from Adrian Peterson: "Regional Radio in Turkey - 5: A Radio Tour in Modern Turkey" (Wavescan N378, May 22, 2016). Thanks, Adrian. -- On March 27, 2016 we posted under "DX History/Equipment & Advertising" a file containing four articles from several issues of *Radio Design* (1930-31), house organ of the Pilot Radio & Tube Corp., heralding a series of flights of a company-owned aircraft, "The Pilot Radio," wherein radio played an important part. The second of the four articles was about a Pilot flight to Bermuda. I recently came across a postage stamp about the flight, issued by Bermuda in 1983 as part of a four-stamp set commemorating the bicentenary of the first manned flight (a 1783 balloon flight in France by the Montgolfier brothers). If you want to learn more about the Pilot flight, Google "Pilot flight to Bermuda 1930" and you will find much information, including a nice writeup by our old friend Bob Ballantine, W8SU < www.oldqslcards.com/UNUSUAL_PLACE.pdf > If you have access to *The New York Times* archive you will also find many articles about the flight under dates of April 1-10, 1930. I have added a scan of the stamp to the file of *Radio Design* articles (at page 10).

< www.ontheshortwaves.com > Update, June 5, 2016 -- Under "Specialized Resources/Radio Postcards" we have posted two new sets of cards. From Michigan you will find cards from WDBC, Escanaba; WDFD, Flint (two views); WHFB, between Benton Harbor and Saint Joseph; WIKB, Iron Mountain; WJIM, Lansing; WJRT-TV, Flint; WKZO, Kalamazoo (two views); WOOD, Grand Rapids; and WTCM, Traverse City. From Minnesota there are views of KSTP, Minneapolis-St. Paul (1963); WCCO, Minneapolis; WCCO, Anoka; and WRHM, Minneapolis. -- Also under "Specialized Resources," Adrian Peterson takes us to the Pacific with two new Wavescan entries: "Elephant Cage Radio and other Interesting Radio Stories on the Island of Guam," and "Australian Shortwave Callsign VLI, Pt. 2" (both in Wavescan N379, May 29, 2016).

< www.ontheshortwaves.com > Update, June 12, 2016 -- This week we have added a bunch of QSLs to the "South & Central America" part of the "Broadcast Band" section of "The CPRV Gallery." (They are marked "New.") The QSLs are: from Argentina, R. El Mundo, B.A. (1961), Radio Excelsior, B.A. (1941), and R. Rio Cuarto (1971); from Brazil, Radio Division, Departamento de Imprensa e Propaganda, Rio (1940), R. Clube Paranaense, Curitiba (1953), R. Cultura de Maringa (1980), R. Liberdade de Caruaru (1973), and R. Treze de Junho, Mantena (1980); from Chile, R. Panamericana, Santiago (1972); from Paraguay, Chaco Boreal, Asuncion (1970); and from Ecuador, R. Carousel, Guayaquil (1971), Rdfrsa. La Voz de la Peninsula (1972), R. Tropicana, Cuenca (1980), and R. Suceso, Guayaquil (1964). Many of these QSLs are evidence of the great DX skills of our old friend Jan Tuner, in Sweden. And it must have been a great day when that R. Suceso QSL package landed in Kermit Geary's mailbox. It included a 12x16" "Mencion de Honor" certificado; a newspaper article/advertisement, reproducing Kermit's NNRC report; a letter from the station, noting that they had contacted the U.S. Consulate in Guayaquil; a pennant; two Suceso envelopes; plus a letter (and envelope) from the U.S. Consulate. It looks like they went on the air November 15, 1964, and Kermit logged them the next day on 995 kHz. It doesn't get any better than this. -- Under "Specialized Resources," "Wavescan," Adrian Peterson continues his review of broadcasting in Turkey with "A Countrywide Tour of the Radio Scene in Modern Day Turkey-2" (Wavescan N380, June 5, 2016). -- And also under "Specialized Resources" we have posted a new version of the table of Active-Inactive SWBC Countries. Chad and Asiatic Russia (R. Sakha) have been moved from inactive to active status, and Micronesia (The Cross) has been moved from active to inactive. For all changes made, see the last page of the list.

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