

The **NASWA** Journal

VOLUME LV NUMBER 4

APRIL 2015



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You better run for shelter ... the publishers of *Blandx* have released their latest tour de force. More about that a little later.

The 28th annual NASWA sponsored Winter SWL Festival is now in the history books. Co-Festmeisters **Rich Cuff** and **John Figliozzi** reported 131 registered which is the largest crowd in the last five years. A large crew of volunteers make everything happen so a big "thank you" is on order to all of them; our silent heroes. As usual, there was a nice mixture of forum sessions which were quite enjoyable. At the banquet **George Zeller** was the recipient of the William P. Eddings award as the club's member of the year. It was good to see all of the original "gang of three" at this year's event; **Bob Brown**, **Harold Cones** and **Kris Field**. The hospitality room was well run and made for a nice place to spin some radio dials of classic communications receivers or enjoy a refreshing adult beverage and some snacks. Harold Cones returned to handle the raffle prizes giving Sr. Zeller a well-deserved Fest off. We had a large international contingent with seven Finns, two from Japan and **Mark Fahey** from Australia. Next year's 29th annual Winter SWL Festival will be held on the 4th and 5th of March 2016. It is never too early to begin planning to attend. I look forward to seeing you in Plymouth Meeting next March.

Tim Noonan informs us that the 22nd annual Madison-Milwaukee Get-Together returns to the Milwaukee area this year, on Saturday, August 15. This is an all-band event, open to anyone with an interest in the radio hobby. Your hosts are Tim and Jill Noonan and their sons Chris and Paul, and you can obtain more information by writing to Tim at <DXing2@aol.com> or phoning 414 813-7373. Many NASWA members attend each year so get out and meet other radio hobbyists. This is a great annual gathering that I have been able to attend a few times in the past and can strongly recommend.


Just when you thought it was safe to read DX news without worrying about the source of information, along comes another edition of *Blandx* to change your mind. **Bill Kyle**, CEO of The BLANDX Corporation announced the April 1 2015 issue of BLANDX is now available at www.blandx.com. Many years ago, *Blandx* was a paper bulletin but times have changed and so has *Blandx*. Now, *Blandx* is only available electronically through its website. I have previewed the new *Blandx* and must admit it captures the essence of DXing as only humorist **Don Moore** is capable of conveying. There are a few select items from *Blandx* buried within Listeners Notebook to help celebrate April 1st. Enjoy but be very careful since you never know what is real and what is perchance possible while sitting in a Tibetan café overlooking the next sunset!

Anker Petersen and **Bent Nielsen** sent word that the Danish Shortwave Club International (DSWCI), with experienced DXers in 34 countries all over the world as members, has just issued the 17th Edition of its annual *Domestic Broadcasting Survey* (DBS-17). This new Survey is based upon monitoring by our members, many official sources and DX-bulletins. A15 schedules are included when available. All buyers of DBS-17 will get a username and password to the monthly updates on the tropical bands published as "Tropical Bands Monitor" on the DSWCI website. The 20 pages A-4 size DBS-17 is available by e-mail as pdf-format (about 350 kB). A limited number is also available printed on paper. It is sold by the treasurer: DSWCI, c/o Bent Nielsen, Egekrogen 14, DK 3500 Vaerloese, Denmark. E-Mail edition: DKK 30,00 or USD 6.00 or EUR 4,00 or GBP 3,50 or SEK 40,00 or IRC 2. Printed edition: DKK 60,00 or USD 12.00 or EUR 8,00 or GBP 7,00 or SEK 75,00 or IRC 4. A review of the new DBS-17 should appear in next month's Shortwave Center.

The European DX Council (EDXC) has a new website. The new website is [https://edx-
cnews.wordpress.com/](https://edx-
cnews.wordpress.com/). Through the EDXC website you can keep track of the latest happenings within the European DXing community, stay abreast of meetings and gatherings and get the latest information for the 2015 EDXC Conference which is scheduled for St. Petersburg, Russia in September 2015.

The NASWA Grab Bags have been a huge success. So much so that we now must stop

offering them because there is very little material leftover at this point. Thanks to member **Ralph Perry** who puts this thing together and worked closely with **Bill Oliver** to make it all happen. There are a lot of very happy members out there that obtained some fine looking QSLs and other related material through the Grab Bags.

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

Musings

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

Please e-mail musings to jerrylineback@comcast.net or send to P. O. Box 1220, Grantham, NH 03753. Next deadline is April 22. Thanks to all contributors.

Vince Henley, KB6GV, KPC7GV, 4306 Shelby Court, Anacortes, WA 98221

I need to travel relatively often from the Pacific Northwest, where I currently live, a thousand miles down into Northern California where I still own a small ranch in coastal redwood and wine country. I typically make this trip about every ninety days and I always pack along a portable radio, usually a Grundig G3, and a compact wire antenna in the hope that I'll be able to listen in on the bands in the evening. Once at the ranch, which is extremely radio quiet since it is "off the grid," this is easy to do. During the journey, when I am staying in a motel, it is a different story.

When I try to listen to MW or SW from a motel room, all I get is S9+40 dB noise that sounds like all the hounds of digital Hell have been unleashed into the front-end of my receiver. FM appears to work perfectly OK, but any other band or mode is hopeless. Other NASWA members have commented on this phenomenon and during my last trip to the ranch, I found myself determined to discover the source of this electrical noise pollution.

In the first motel where I spent the night, mid-way on the trip down, I got out the G3 and used it as a "sniffer" to find the noise sources. They were everywhere. The compact fluorescent lamps made noise, the thermostat made noise, the coffeemaker made noise, the microwave oven made noise, the telephone made noise, the Wi-Fi made noise, and of course, the television and its cable connection made noise. Even the alarm clock made noise. The noise was centered on 10 MHz and had rich harmonics spreading many MHz above and below that center frequency, a sure sign of square-wave digital activity with its infinite harmonics. One interesting discovery was that the unterminated connections on the back of the television were some of the strongest sources of noise. Each one of those unused connections radiated noise, and perhaps this might have been mitigated by proper terminations on all unused sockets. However, where have any of you seen such terminations? I think you would need to experiment and make one of matching impedance for each outlet on the back of the television, and perhaps even that would not cover all radiation from the box or from the adjacent rooms. The noise was pervasive. I'd have loved to have a portable spectrum analyzer handy to characterize what I was dealing with here, but alas, I don't own one. After taking some notes and checking some more noise sources, I concluded that this motel was not going to be suitable for listening to anything not provided by the management.

The second night, I stayed in a more upscale motel about five hundred miles south of the previous one. Once again, I got out the G3 and used it as a sniffer. The noise was even greater in this more modern and upscale motel with better amenities. The unused television connections on the back of the set were still the strongest source of noise, but all the others were there as well. This motel's noise had the same center frequency and the same extensive coverage above and below 10 MHz. After sniffing everything in the room, I took the radio and walked down the hall. The noise came from all the rooms. It would periodically peak in intensity as I walked down the hallway, presumably, as I passed the strongest noise source in each room. It was hopeless.

I've concluded that it is generally a waste of time to attempt listening to shortwave from a motel room. The noise is too strong, too extensive across the frequencies, and impossible to filter out. By all means, bring your radio along, but find some other place to listen than your motel room.

When I got to the ranch I once again checked out its quiet reception, but I now have a limited antenna there. Even with the limited antenna, the site is a great listening post. It's on a ridge a thousand feet above the valley floor, about twelve miles from the Pacific Ocean, has no obstructions, and the nearest power lines are about six miles away. The place has low noise radio reception about as good as it gets. I once had an eight-hundred foot-long long wire antenna more than one hundred feet up in tall redwood trees, but it broke some years ago from large birds sitting on it and I have not replaced it. It wasn't Copperweld wire, and that was a mistake. I used flex-weave copper wire, and that lasted for some years, but the birds eventually did it in. Once, I would not have thought twice about strapping on my tree-climbing gaffs and safety belt and climbing up there to fix it, but now I do think about it differently. I'm a bit past climbing up into tall redwood trees; at least I think it is wisdom to believe so. I probably can still do it physically, but it would not be wise, especially when I'm there alone and the nearest neighbor is more than half a mile away. So, I have a great listening post geographically, several hundred feet of disassembled tower sections, a never installed crank-up tower and a collection of "big sticker" antennas for all bands, some new in the box, that I should sell to some younger, ambitious Ham operator. It would be a good bargain for someone. The ranch is also for sale, complete with antennas and towers. Since it is about a thousand miles from where I now live, I'm not getting much use from it myself.


Errol Urbelis, 563 Meadow Rd., Kings Park, NY 11754

This is for our DX-buddy, Alan Roe, across the pond in the UK. Alan, I have been a DXer since 1957 and have a very complete log book with over 65,000 items listed by frequency, station name, QTH, time GMT, SINPO, date and day of the week. Each one in a separate horizontal column. Its all in a rather large account's book.

I have been a NASWA member since 1963 and have logged 234 countries. Also, I have a cassette tape station ID log book with about 200 listings. I have various radios including a 50 year old HQ-180. My antennas are two 200 foot long wires and a vertical. By the way, I do not use a computer, hi.

Jim Biggs, jim_biggs_99@yahoo.com

I was most interested to see Mr. Simon's musing in the March Issue. I too have often wondered why the Club does not offer more info. At a minimum, there should be an annual statement covering both membership and finances. The simple format could be beginning balance/input/output/ending balance. This should not be so hard. Anyway, thanks to Rich D'Angelo and the others who put so much effort into NASWA.

Thanks to our thought-provoking contributors. Next Deadline is April 22, 2015. 73 de JAL. 

Easy Listening

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

Global 24 abruptly leaves the air, then returns much smaller

In early March, Global 24 abruptly left the daily shortwave dial, with a stated intention of re-launching in a smaller form. Aside from disappointed shortwave listeners left in the lurch, Global 24's departure apparently left unpaid bills and unfulfilled advertising commitments as well.

While I frankly don't know the full details of their situation, I get the impression that the managers of Global 24 might have underestimated the time investment, technology management, and costs of operating a 24/7 shortwave radio service. It's entirely possible that their reserves were exhausted more quickly than the time it would take to build the necessary steady revenue stream to keep the service going.

I'll admit it was an impressive venture – a mix of original programming, internal broadcasting relays, domestic relays (e.g. Pacifica's *Democracy Now!*), and themed music programming, mixed throughout the day to eliminate sameness. However, there were issues with updating new programming as it was produced (e.g. PCJ Media's offerings), and production automation sometimes missing program start and stop times. Also, the decision to use the single 24-hour frequency of 9395 kHz, while being easy to remember, is not necessarily the best way to maximize shortwave propagation properties to a desired target region. Not that this isn't done – the Canadian legacy low-power stations CKZN, CFRX, and CKZU all use a their single respective frequencies 24/7, but their target audiences are regional and domestic, will less regard for long-distance propagation

Interestingly, the reborn Global 24 [sic... they're not 24/7 in their reincarnation] is using a mix of frequencies and transmitter sites. Their reborn programming continues to be a mix of spoken-word programming as

well as music. Their first week back on the air included 1-2 hours per day on weekdays, 7 ½ hours on North American Saturdays (including programming from 00 to 03 UTC Sunday), and 3 hours on Sunday. Check out their website, <http://about.global24radio.com> for updated schedule information.

Monocle 24 soldiers on...too bad they're not on shortwave

The only other commercial 24/7 English language international broadcaster that has started up in recent years is **Monocle 24**, the radio arm of the Monocle magazine based in London. Monocle 24 initially made waves by hiring ex-BBC World Service news presenters for its hourly bulletins, which bought some measure of instant authenticity.

Monocle 24 continues to air a 24/7 schedule of spoken-word and music programming, with its offerings available through Internet-connected devices (smart phones, tablets, computers) but with no on-air capabilities. New programs added – some as recently as March 1st – include the following:

The Recap – The best of the week's reports, comment, news, and features taken from the flagship Monocle 24 news / current affairs programs. The Recap runs 29 minutes in length and first airs Sundays 0700 UT. It's available for on-demand listening.

The Sessions at Midori House – A weekly 15-minute slot of live music recorded in Monocle 24's studios. The first edition featured British soul singer Rebecca Ferguson. First airs Saturdays 0815 UT, and is available on-demand.

The Monocle Arts Review – A daily 15-minute conversation with Monocle 24's international critics covering art, music, theatre, literature, film, and television. Each program covers a single theme amongst these categories, for instance

Broadway, country music, and museum exhibitions. First airing weekdays 1100 UT.

The Bulletin with UBS – A weekly look ahead at the upcoming financial week, sponsored by the eponymous bank. First airing Sundays 1600 UT.

The Big Interview – A weekly in-depth interview with inspirational names in global politics, business, culture, and design, hosted by Tyler Brülé, Andrew Tuck and Monocle's senior editors. Scheduled to air Sundays 0900 UT but hasn't yet started.

These times may have shifted one hour later as of the end of March, when the UK goes to Summer Time.

You can listen to Monocle 24 live and on-demand free of charge via their own browser-embedded player, which works well on most all Internet-connected devices I tried; you can listen live via TuneIn, but not via TuneIn for on-demand edition. The Soundcloud website and app appear to offer on-demand programming as well.

Live web-delivered programming now available from AIR's General Overseas Service

When Alan Roe mentioned the startup of the **All India Radio General Overseas Service** website, he mentioned there were plans to expand programming made available via the website; this has now appeared to come to pass, as a live webstream of AIR is now available whenever English language programming is scheduled to air. It appears the link has audio available at 1000-1100, 1330-1500, 1745-1945, 2045-2230, and 2245-0045 UTC. The 2045 transmission is regarded as each day's first transmission. These times correspond to the times when All India Radio's General Overseas Service is on the air via shortwave in English.

While there is a link to on-demand audio, the only programs available are from March 1st.

Look for the "Live Radio" link on the right side of the website, <http://airworldservice.org>.

Changes to BBC World Service streaming audio likely to disenfranchise original Internet Radio users within 1-2 years

Rob deSantos, who writes about Internet radio for CQ, tipped us off to this at the Winter SWL Fest. Without going into the sordid technical details, the BBC is changing the IT platforms they use to deliver audio to Internet-connected devices. Folks who listen via PC, Android and Apple smartphones, Android and Apple tablets, and Smart TVs, will still be able to listen to BBC audio, both live and on demand, though some audio from BBC's domestic services might be occasionally blocked outside of the United Kingdom due to copyright licensing agreements.

Unfortunately, many owners of Internet radio devices – such as those from C. Crane, Grace Digital, and Sangean – have, for now, lost direct access to on-demand BBC programming that isn't offered via podcast. Apparently these Internet radios can't be upgraded to support the new technology the BBC is using to stream audio from its various stations and networks. As a workaround, one could set up their own audio server on a personal computer that's on the same local area network as their Internet radio, but that defeats the purpose of having a separate Internet radio device, if you think about it.

Sonos, the manufacturer of wireless home audio systems, believes their systems can be upgraded to enable these new streams, but haven't said when this could happen.

Grace and Reciva are looking into how their devices could be upgraded, but haven't yet stated if this is feasible. Sangean has already stated they won't be upgrading their Internet radios, and Avox is exiting the business.

Pure, a British Internet radio provider with a decent product whose database of stations is self-curated (unlike many of these other providers), has already upgraded their radios. John Figliozzi is an owner of the Pure *Evoke Flow* Internet radio and has been impressed by its capabilities.

The BBC now offers a live MP3-based audio stream of the World Service for these standalone Internet radios, but this is a lower-quality audio stream than used to be available. This is only a temporary stopgap, as the BBC has already stated they will discontinue these MP3 streams in 1 or 2 years. Any devices that haven't upgraded by then will not be able to directly hear the BBC World Service live, and will only be able to listen to podcasts, if they are continued.

Quick Review: 2015 Winter SWL Fest

You might have seen my musing at the front of the *Journal* that mentioned the 2015 Winter SWL Fest. We were pleasantly surprised by the uptick in attendance from last year, driven mostly by people who had missed one or more recent years of participation.

Aside from the loss of BBC programming, the fear is that history may repeat itself, and other broadcasters might follow the BBC's lead. You may remember that the BBC's 2001 decision to end shortwave broadcasts targeting North America became contagious, as a majority of traditional International Broadcasters no longer air programming on shortwave targeting North America, with some broadcasters ending their use of shortwave entirely, and still others no longer producing English language programming of any type.

There were many great forum sessions, with presenters investing their own time to assemble and organize interesting content; we also aired an hour of the Fest live on shortwave (via WRMI), thanks to the efforts of David Goren who produces the *Shortwave Shindig*, a Friday evening fixture of the event. Folks from as far away as Japan, Finland, and Australia joined us for the event. Many thanks to those who participated, and to the crew of approximately 30 who volunteered their time in some way before and during the event. It's that level of support that has enabled the Fest to survive 28 years somehow. Mark your calendars for next year: We expect the 29th Winter SWL Fest to be the weekend of March 4th and 5th, 2016.

So far, this contagion remains a fear, nothing more...thankfully...

Just one last listening suggestion – Google “CBC Ideas End of the Dial” for a great audio documentary looking at the state of radio programming...the documentary was created by someone who grew up listening to shortwave.

As was the case in 2001, there is an online petition initiative to engage BBC senior leadership into pressuring the BBC into rescinding their decision; you can use the case-sensitive short URL <http://chn.ge/1GRJiql> or visit <http://www.change.org> and enter the text “BBC AAC” into the search box to bring up the petition and join the 300+ individuals who have already signed on.

That's all for this month...

73 DE Richard



Thanks to Rob deSantos for helping me with this topic and ensuring my facts are correct.

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.



International Broadcasting

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<http://www.kimandrewelliott.com>

International broadcasting via Internet: ups and downs

Where it used to be shortwave, now it's the Internet that is a major conveyance of international broadcasting – or, if you insist, international *media*. Websites, social media platforms, and other Internet products transport information, entertainment, and propaganda across national boundaries.

As a research analyst for the U.S. International Broadcasting Bureau – that's the layer of bureaucracy above VOA but below the Broadcasting Board of Governors – I'm increasingly using Internet metrics to measure and track audience numbers.

The simplest form of such metrics is data from our web servers, with very basic numbers about numbers of page impressions, etc. A step up from that would be Google Analytics, or the Adobe Analytics we use now. From this we get more detailed information about the location of the user, whether they're using a mobile or desktop device, what operating system, if they watched the video that accompanied the web piece, etc.

Adobe Analytics is good at telling us the number of visits to a VOA language service website. As for the absolute number of visitors ("unique visitors"), it's falls a bit short. Adobe leaves a cookie (tracking code) in the user's browser. That tells Adobe if the user has been to the site before. This helps differentiate between visits and visitors. But many users don't allow cookies on their browsers, or delete those cookies frequently. When those users come back to a website, they are counted as a new visitor. Thus, the measure of unique visitors is somewhat higher than reality.

comScore. A solution to that problem is comScore. ComScore uses a representative panel of web users in country who allow

tracking software to be placed in their computers. Because the comScore software stays in the computer and is not modified, their data provide a more accurate measure of unique visitors. Another key advantage of comScore is that allows us to see the number of visitors to all websites, not just those of U.S. international broadcasting.

The big disadvantage of comScore is that, in most countries, it counts only the users of desktop computers. They haven't been able to extend their data collection to mobile devices, which is how most people in many parts of the world access the Internet. comScore also does not measure access via social media sites, such as Facebook or YouTube. As a result, the comScore numbers are generally lower than reality. They are, however, useful for comparative purposes.

A further disadvantage of comScore is that it is expensive. Accordingly, the BBG has access to comScore data in only seven countries. Let's look at comScore data from five of these countries ...

Indonesia. ComScore's panel represents about 23 million of the 52 million Internet users in Indonesia. The most popular news website in Indonesia has 5.8 million monthly visitors.

While the VOA Indonesian Service reaches millions of viewers by placing programs and reports on Indonesian domestic television channels, the Internet as a vehicle of international broadcasting has not gained much traction. The VOA Indonesian site has 83,000 visitors in February (remember, this does not count mobile and social-media access). BBC Indonesian had 208,000, down sharply from 320,000 in January. All the BBC sites (most are in English) combined had 377,000. DW.de had 85,000. CNN.com, with no Indonesian content, had 367,000. The ABC.net.au sites, including Radio Australia, 39,000.

China. Because of the “Great Firewall of China,” for most major international news sites with content in Chinese, comScore tells us “Report Does Not Meet Minimum Reporting Standards.” In other words, the site does not have enough visitors to count meaningfully. And this is probably because access is blocked by China. ComScore can’t measure access by proxy sites, Psiphon, or other circumvention tools.

All members of the below-minimum club are voachinese.com, voanews.com, rfa.org, bbcchinese.com, the “softer” bbc.co.uk/ukchina site, nytimes.com including its Chinese-language cn.nytimes.com, and dw.de. New to the club is the Wall Street Journal’s Chinese-language site cn.wsj.com. It had millions of monthly visitors during 2014, but WSJ must have reported something Beijing did not want reported. The Financial Times Chinese site, apparently still unblocked, had 718,000 visitors in February. The Chinese-language reuters.com.cn had 484,000, but its numbers have been going down over the past couple of months. It was just reported that the Reuters Chinese site is, as I write this, inaccessible in China. February visitors for the BBC English sites were 358,000 and for CNN 216,000.

Very popular in China is NBA.com, 2,454,000 visitors in February. It has a Chinese-language page, china.nba.com. And Engadget.com, 447,000, also with a Chinese-language page. There are 546 million Internet users in China. QQ.com is the most popular news site with 154 million monthly visitors.

Vietnam. Vietnam has been stepping up its blocking of international websites. The BBC Vietnamese site, bbcvietnamese.com, had 355,000 visitors in February, down from 510,000 in January. All BBC sites combined had 503,000. VOAtiengviet had 119,000 and RFA.org 86,000, both declining over the past several months. RFI.fr, which has a Vietnamese page, is at 128,000, and appears not to have been hit as hard by Vietnamese censors.

ComScore’s panel represents 18 million of Vietnam’s 30 million Internet users. The

most popular domestic news site is VNExpress, with 8.9 monthly visitors.

Russia. The number of Russian visitors to international news sites is also declining. Are Russian authorities beginning to restrict access? Or are Russians shunning non-Russian information sources as the conflict with the West intensifies? What we do know is that the number of visitors to BBCRussian.com was 1,218,000 in February, down 42% since February 2014. Svoboda.org (RFE/RL) had 940,000 and Golos-ameriki.ru (VOA), 421,000, actually increasing over the past couple of months. DW.de had 446,000 and CNN (with no Russian content) 400,000.

Russia has 77 million Internet users. The most popular domestic site is Yandex News, with 22 million monthly visitors.

Turkey. Turkey has been experiencing increased restrictions of press freedom, and the government will block access to websites it finds objectionable. VOA Turkish reaches millions by placing content on the domestic TGRT Haber television channel. CNN has a business partnership with the popular domestic CNN Turk TV channel. But these deals involve playing by Turkish content rules, or otherwise acceding to pressure from the government.

Turkish authorities block websites they find objectionable. BBC Turkish seems to have escaped this fate, so far. It had 714,000 Turkish visitors to bbcturkish.com in February, up from 306,000 in November 2014. Al Jazeera has not been able to start its planned Turkish television channel, but it does have Aljazeera.com.tr, and it had 350,000 visitors. CNN International (English) had 302,000.

Turkey has 35 million Internet users. The most popular domestic news site is Milliyet.com.tr with 15 million monthly visitors.

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



Shortwave Center

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

Good news and bad news this month. First the good: There's a "new" receiver on the market... well, a "newer" receiver – the Elad FDM S2 software defined radio (SDR). And we have a first person report, courtesy of the British DX Club. Now for the bad news: DW's shortwave transmitting facility in Kigali, Rwanda has closed down, apparently for good. Especially bad news for those of us in the eastern half of North America, as it provided very listenable signals here in an era when the supply of those is dwindling. Adrian Peterson details the history of the site. Finally, NASWA member John Cooper relates a personal experience with Global 24 Radio, which also bit the dust (more or less) last month. Maybe the Company Store should consider selling crying towels...

SHORTWAVE EQUIPMENT REVIEW

Elad FDM S2 - SDR review

By Damien Read

(British DX Club)

Last summer I made the decision to sell my **WinRadio G33DCC** and in turn purchase the seemingly "Emperor's new clothes" in terms of SDR, the **Elad FDM S2**. I decided not to write an in-depth review of the S2, and instead focus on my own experience with the unit, with a sprinkle of views from other users on the internet. You can freely see reviews at the Elad website, which covers the features of the S2 rather than performance.

Letting go of my G33DCC was pretty hard to do as it was superb receiver and, as some of my past BDXC loggings proved, superb at catching transatlantic MW DX. As good as the G33DCC was, I decided the unit was simply overkill for my needs, and after reading about the S2 features, I sadly said goodbye WinRadio, and hello Elad.

The S2 covers from 9 KHz. to 52 MHz. for HF operation, with the usual options of AM, LSB, USB etc. It even offers DRM, should you manage to capture a digital transmission. If that wasn't enough it also covers 74 MHz to 108 MHz. for wideband FM and 135 MHz to 160 MHz for 2m Ham Band and Air Band. The S2 can also capture and record up to 6 MHz. of bandwidth, making the S2 a formidable

tool for overnight transatlantic MW DX, FM Sporadic E or meteor scatter.

In order to use the S2 you will of course need a PC with Windows OS, I have run 7, 8 and even the beta version of 10 without any problems. The good news is that it seems that you don't need a really fast PC to use the S2. I have even read of reports of users running old PCs without any issues, so it's not as demanding as my old WinRadio software. It's even possible to run the S2 using a Windows tablet, if you wish. Another positive is the S2 is also powered from a USB 2.0 connector that runs to your PC. The software is supplied on a USB memory stick and is version 1.05. I found installation straightforward, and was up and running within ten minutes.

Like every new bit of software, it takes some time to get used to the graphical user interface of the Elad software. Thankfully you can simply punch your frequency into the keyboard, press enter and the S2 tunes to the desired frequency. It's all pretty straightforward: select AM or LSB from the drop down menu and click boxes for various features.

It's only when you decide to try more in-depth tasks that you run into issues. Right clicking your mouse pointer, you discover further options that springs open a menu

box, which is overwhelming at first. However, this is where you start to learn how to adjust the software to your tailored needs. The amount of options is overwhelming at first.

It's at this point, I must stress, you should really become a member of the Elad Yahoo User Group as Elad update their software at an amazing pace, I have had the Elad for around six months and we are now on V1.52!

Now this isn't because of poor software design, it's simply a case that Elad actively asks for suggestions to improve the software. They encourage you to report bugs. The difference comes down to the programmers being active users as well—a refreshing change.

So we get down to the nitty gritty, the performance of the S2, and will focus on broadcast bands. Medium wave at my QTH is a test for any radio, every radio that I have used suffers from the blight of the mighty Droitwich TX that has a combined output of over 1 megawatts and is only 4 miles away.

My only way to DX and avoid overload is to use a Phased Aerial using a Wellbrook flag and loop combo, and phase Droitwich out. I wasn't quite sure what to expect. Thankfully, the S2 coped with Droitwich with no nasty ghost images. In terms of listening to transatlantic DX, I would have loved to report lots of signals. However, conditions have been poor this year, resulting in me receiving only WBBR 1130 KHz. Nonetheless, tuning around the MW band, the S2 seems as capable as my old G33DCC. Not surprisingly, with my Wellbrook ALA100 connected direct, the SW2 overloads.

Mark Brothwick from Scotland has recently swapped his Perseus SDR for an S2 and has some great examples of transatlantic DX at: <https://www.youtube.com/user/MARKGM20877>

In general, it seems Mark prefers the S2 over the Perseus. However, I have also read of another S2 user selling his unit, due to overload and images on MW compared to his Perseus.

And so we move on to a universal issue for SDR—overload. I have yet to use a SDR with good signal overload capability. If you don't tame the signal, you can expect some issues. Of course, it all depends on your QTH, however I would suggest that you need to be proactive with antennas or a pre selector if this becomes your issue.

I'm pleased to report SW reception is very good, and I even managed to listen to a DRM transmission from AIR. This was a strange, as I found the audio noise floor digitally quiet. But it really demonstrated the poor audio quality from AIR.

A feature that is really worth a mention is the S2 noise reduction, I have never been a great fan of filters, however this one is fantastic. As well as being variable on the amount of signal it affects, I can report that it's superb with no audio sound effects or birdies. Yes, it's really that good.

That moves me on to AM sound quality. Compared to my G33DCC I much prefer the Elad, as to my ears it simply sounds more natural. The AM Sync however is not as good as the G33DCC. It's not that it's really poor; it's just that the G33 is slicker in operation. The S2 AM Sync can sound at times like SSB in terms of audio replay, whereas the G33 sounds like AM and is flawless.

One of the great draws was the S2's ability to receive FM Band II with RDS. My FM set up is a FM8 Blake antenna with rotator. Over the years, I have owned and tested many tuners. As things stand, the Sony XDR-F1HD is the best out-of-the-box FM DX machine out there. When I first used the S2, I was disappointed as—yet again—I was suffering overload from my local FM TX, something no other tuner has ever displayed at this QTH.

My first remedy was to add a cheap variable attenuator, and...bingo...the overload was gone. What I was left with was the same reception as an average tuner—great selectivity, but some of my fringe stations had disappeared. I lived with this for a bit, when I discovered that John Faulkner at Skywaves Forum had also purchased a S2, and was having issues. John's problem was

a lack of sensitivity with the S2 and his solution was to add a preamp.

So I purchased a TGN preamp—choosing a German made unit, as it's designed to handle strong signals and rejects anything out of Band 2. With fingers crossed, I prayed it wouldn't overload the S2.

Thankfully I can report that once the TGN was in-line, all overload on the FM band disappeared and all my fringe stations returned. With this set up, the S2 is as good, if not better, than the Sony XDR. The Elad software also decodes RDS and, if you play around with third party plug-ins, you can also use RDS spy. Using RDS has been a journey, as V1.43 Elad software was simply not as fast or sensitive as RDS spy, but that all changed at V1.52. And as I write, RDS spy is ahead by a small margin, being slightly faster and more sensitive to decode.

One of the issues I had with writing this review, is the pace that Elad updates their software. It's a reviewer's nightmare, as

your written word can be out of date within a week! Elad is doing a great job in terms of software updates and, as I finish this review, we have had another update V1.62 which sees improvement to its AM Sync mode.

My major gripe with regard to the S2 is signal handling. I feel all SDR manufacturers should improve their front end signal handling since it seems to be a universal issue, though there are workarounds.

That being said, in comparison to many other SDRs out on the market—and provided you are willing to be proactive—the Elad offers superb value for money. It really does make you wonder how far SDR will go. I would imagine that, in ten years' time, the Elad will be the technical equivalent of a VHS or vinyl—useable, but dated.

The unit retails at around £450.00/US\$580. The Elad website is: <http://ecom.eladit.com/> and the US store is at <http://shop.elad-usa.com>

SHORTWAVE NEWS/SHORTWAVE HISTORY

Adrian Peterson's Diary

The End of Another Era: Deutsche Welle Closes Kigali Relay Station

The unwelcome news that another important shortwave station is closing is making headline news in the international radio world. On this occasion, the station that is closing is a **Deutsche Welle** (DW) relay station, and the location is at Kigali in the small African nation of Rwanda.

Identified in travel brochures as "The Land of a Thousand Hills", Rwanda is a small landlocked densely populated independent nation located almost in the center of the bottom half of Africa. The entire country, quite hilly, is only 150 miles long and 75 miles wide, and it is completely surrounded by four other independent countries.

The history of Rwanda goes back into the early days of tribal migrations in Africa. The first peoples to move into the territory now known as Rwanda were the Pygmy people known as the Twa. Then, two and three thousand years ago, various sub-tribes of Bantu peoples also moved into Rwanda and they settled into their territories where they became known as the Hutus and Tutsis.

At an international conference in Berlin in 1884, the Rwanda territory was assigned to Germany as part of German East Africa; and the first European to explore the area was Dr. Oscar Baumann eight years later. During World War 1, Belgian forces occupied the ter-

ritory. In 1962, Rwanda was separated from neighboring Burundi and given independence in its own right. In 1994, Rwanda suffered through a horrendous civil war, during which up to a million people were killed.

These days, Rwanda is an independent self-governing country with a population of 12 million. Its capital city is Kigali with one million. The peoples of this nation speak three official languages; English, French and Kinyarwanda.

Communication by Morse code wireless was introduced to Rwanda with the installation of a wireless station in Kigali in 1930. This station operated with French TSF equipment and it was established for communication with a similar station in Bujumbura in neighboring Burundi. A small regional network of similar TSF stations was subsequently installed throughout the twin territories of Burundi/Rwanda.

It was in 1963 that the German shortwave station was constructed in the rolling hillsides a few miles east of Kinyinya, ten miles north of the city of Kigali. This African shortwave station was the first relay station that was established by **Deutsche Welle**, whose head office at the time was in Cologne in West Germany.

Their first transmitter was a small unit rated at just 600 watts and it was taken into service on August 30, 1963. The morning service was transmitted on 7225 kHz. and the evening service on 7295 kHz.

The earliest known monitoring report of the new **Deutsche Welle** Kigali facility was from a listener in New Zealand who heard this original low power unit in February of the next year (1964). At the time, it was suggested that the power level would soon be raised to 10 kW.

Initially, programming for DW Kigali was prerecorded on tape at the studios in Cologne and flown out to Kigali where it was subsequently played on air in parallel with the same programming as was heard from the DW shortwave station at Julich in Germany. Occasional off-air programming on short-

wave from Germany was received in Kigali and fed into the low powered transmitter for reception in nearby areas in Africa.

When the 600 watt transmitter in Kigali was not on the air with a program relay, the station engineers reduced the power level and operated it as an amateur station under the call 9X5 for communication with DW headquarters in Germany.

On October 24 of the following year (1965), a 250 kW Marconi shortwave transmitter from England, model BD272, was officially inaugurated and this replaced the temporary low power unit. The antenna systems at this stage were made up of a pair of curtains with a passive reflector in between, and also a set of omni-directional quadrant radiators.

At the same time, a receiver station located a dozen miles from the transmitter station was also taken into service. Rhombic antennas at the receiver station were focused on Germany and they received the program feed via a shortwave transmitter located at the Deutsche Telekom communication station at Bockhagen in West Germany.

A second Marconi transmitter at 250 kW, model B6122, was installed in 1969 and taken into regular service in July. At this stage, the antenna farm was made up of 4 pairs of curtain antennas with a passive reflector in between and also the previously mentioned omni-directional quadrant.

The 10th anniversary of DW Kigali was celebrated on October 24, 1975 and many Rwandan government dignitaries as well as senior German personnel attended the event that was staged in the Transmitter Hall at Kinyinya, overlooking the national capital ten miles distant.

A modernization program was implemented at DW Kigali in 1992 with new transmitters and new antenna systems, replacing all of the 30-year old equipment. Two BBC/ABB transmitters at 250 kW, model SK53C3-2P, were installed and activated in 1992; and two more transmitters of the same model were activated during the following year (1993), together with 4 pairs of new curtains.

Quite recently, **Deutsche Welle** announced the closing of their African relay station effective at the end of the current B14 Transmission Period, at the end of March. The station was effectively closed, and plans are for it to be completely dismantled.

For now, DW Kigali can be seen on Google Earth, directly north of Kigali in Rwanda. Also clearly visible in the associated colored photographs are the two transmitter buildings abutting each other, and the two sets of feeder lines leading north and south to the two separated areas in the antenna farm.

SHORTWAVE IN THE FIRST PERSON

My Adventures with Global24 Radio

By John Cooper

Flashback to October 31, 2014: 7:00 pm EDT, I am sitting in front of my laptop with my SDR on awaiting the inaugural broadcast of the newest shortwave station—Global24 Radio—on frequency 9395. The airwaves crackle and then it begins. I was so excited about this broadcast. The prior notices and information broadcast throughout the hobby and online about this new station had me really stoked.

I sent in a reception report to the station along with return postage, and I also paid \$3.00 for priority handling of this and any other QSLs the station might send out. The reception report went out the following day in the mail. Next a special was broadcast on the anniversary of the fall of the Berlin Wall on 4 Nov. The station posted a Special Berlin Wall QSL on line to show what you would get for a report. This time I did my reception report on Global 24's online site for reports. I sent in one more report for the frequency test on 22 November 2014, from Moldova, which I sent by USPS.

As of today 8 March 2015, I received only the Inaugural Broadcast QSL. On 26 February 2015, I did receive the letter back in the mail marked "Undeliverable" for the test broadcast. I guess I should feel lucky

The international radio world is saying goodbye to one of the world's important shortwave relay stations, and we too would say to Deutsche Welle Kigali: Goodbye, and thank you for a job well done.

We are living in an era when there seems to be a cavalcade of shortwave stations leaving the air forever. However we might add, as all international radio monitors know so well, that the shortwave bands these days still remain overcrowded with a host of active shortwave broadcast stations.

I got the Inaugural broadcast QSL as many did not so I have heard.

I joined the "Insiders Club" and paid my \$50.00 on Dec 23, 2014 right after they advertised it online. My Insiders Club membership number was #002, so I was the second person to sign up. I was excited about this new station and wanted to be supportive. They promised a special membership number, input into station programming, a monthly special newsletter "Inside Global 24", limited edition hand signed QSL cards, and a G24 Coffee Mug

I also joined the Listeners Club, which was free. Once again we were promised contests, a beautiful membership certificate, and a forum. The forum they did open up but it was patrolled like a Chinese Internet site in that if you said anything negative you got blocked.

On Thanksgiving Day 2014, I put up a comment on the main website stating I thought the program they presented as a special was "underwhelming." That was my exact word because it was 4 hours of **Jazz from the Left**, which is not my cup of tea. The comment was deleted immediately. Mr. Workman, who I presumed was the station President e-mailed me no more than five minutes later and slammed me for not

"being helpful" for my posts online and on the forums. I only complained about the **Sons of Liberty** being a little too religious and that was the "worst" thing I ever said on the forums in addition to that they did not need to play **Glenn Hauser's World of Radio** 2-3 times a day. I was not the only listener who complained about this and the constant fill music of the 1812 Overture.

I was not disrespectful or crude. I got into a little e-mail tiff with Mr. Workman and he ended up banning me from the forums and stated I was not welcome in the Insiders Club either. I told him if that was the case, I wanted a refund. He said I would get one. Before this happened I had donated \$5.00 to **The Rock Pile** show, one of my favorites. (I was so mad I deleted those e-mails. I wish I hadn't now.)

On 3 December 2014, I asked to get back on the forums and told them I would rather stay in the Insiders Club since I did not receive a refund, even though a few days earlier I asked why I had not received one. On 12/3/2014, Mr. Workman e-mailed me and said he was sorry it had gotten that far. I e-mailed him back and said I was sorry if I offended the station with my comments. A "Marcy" e-mailed me and stated I had access to the forum again. After that I foolishly donated \$50.00 for station support as I wanted them to stay on the air and I was a loyal listener/supporter.

In late January, I inquired about why I did not receive a December Insiders Newsletter they stated they had sent out. I also told Marcy I was angry about that. She e-mailed me back stating my name had been inadvertently removed from the mailing list but she put it right back on and was sending me out the newest February Newsletter in the mail.

"Thanks for the support, John. We mailed the Insiders Newsletters to everyone that was on the list. I've just re-added you to the list, for some reason you weren't on it. The next newsletter is coming out in about 10 days. I'll see to getting everything mailed to you. Confidentially, we're not sure if we're going to continue with the Insiders Club at this point - as doing a newsletter for 50

people is costing us money instead of being a source of income. Marcy."

Of course, I never did receive the December/January/February Newsletter. I even asked in an e-mail and on the forum if they could e-mail me a copy to save on postage if that was a problem.

Well once again the days came and went and no Newsletter. Mr. Workman did state on the Forums that the coffee mugs we were promised as Insiders Club paid members would be coming soon as they wanted to wait to order them so they could get a better price on a bulk order and shipment. That sounded reasonable but I often wondered why these items were never on hand prior to the kick off of the Insiders Club since they were offered as a perk.

Fast forward to a few weeks ago, on 3 February 2015, I received a request for additional monetary support. I thought long and hard about it, and e-mailed the following reply.

"Mr. Workman, I joined the Insiders Club #002 very early on. That was \$50.00. I paid \$5.00 for sponsorship of the Rock Pyle which I like, and \$3.00 for QSL priority. I also donated \$50.00 to support the station. That's a total of \$107.99. Now, let's take a gander at what I received.

1. No newsletter or any info about the station or Insiders Club other than "The check is in the mail," concerning the Newsletter.
2. I am still owed 2 QSL cards, The Berlin Wall, which I submitted on line, and the test frequency I sent in a reception report for via USPS.
3. All I ever hear is vague replies to questions about what is going on with the station. I have no voice in programming, station direction or any type of "insiders' privileges" as was promised. It's like paying for first class and being relegated to coach with not even a bag of peanuts.
4. Free Listeners Club, no membership certificate, no follow up on point's contest, just access to a forum that is not too active. Plus

there is no separate Insiders Club area for those of us who joined.

5. No follow up from station personnel on e-mails sent.

I have a college degree so I am not some yahoo coming off the farm. One of the primary tenants we were taught in a Business elective I took, is to keep promises we made when we made them. Perhaps the school of business you went to taught a different outlook on Consumer Relations and brand loyalty. We were also taught any promotional items or swag needed to be on hand prior to kick off so consumers would have them when offered, to increase trust and product integrity.

To sum it up, not putting in waiting for the coffee cup still; for all I have paid for I have 1 QSL card to show. I cannot justify any further monetary support with your stations track record to date. Seriously, would you donate if all you had to show was 1 QSL card?"

I received an e-mail back from Marcy/Mr. Workman on Feb 3, 2015, at 1:13 PM, "Phil Workman" <insiders@global24radio.com> wrote:

"John,

Well - I understand. We're trying to do something new and it seems to our sponsors that the only thing the listeners care about is QSL cards. We've put ourselves in a tough position being behind on Listener promises and I appreciate the frustration. It stinks on this end too, I assure you, to get blasted every day for "broken promises". The body of evidence seems to add up to that SWL don't really care about programs or listening just QSL cards and that is unfortunate. We're starting to say in our language that we will only mail QSLs every few months for the folks that give the \$3.00 or whatever. At \$3.00 per QSL, we're losing money. With an Insider Club with 50 members - we're losing money.

I'm sorry we've let you down (you are probably our biggest donor) and I'm not sure the whole story as to why you are not on the

Insiders Newsletter mailing list, but at least you've supported us. We can't say the same of many of the biggest names in shortwave listening."

This week it comes out that they have stopped broadcasting. Once they put up on the website about refunds. I requested one for the Insiders Club fee I paid since I did not get anything promised. G24 posting and my reply below:

"Friends,

First, thank you to the many of you that financially supported us.

We are hoping to make a comeback in a new, streamlined form later in March.

We understand that, in some cases, we didn't keep our promises on the newsletters and the like. It should go with out saying, we're very sorry if we've let you down.

If you're looking for a refund of any sponsorship money given to Global 24 and would rather "pull out" than wait and see what happens. Let us know in an email to qsls@global24radio.com and we can begin to explore what, if anything, that might look like.

Of course, we'd rather count on your support as we try and put this back together - but either way - we understand.

Regards,

G24"

"Dear G24,

I am sorry but I do not accept your apology. It came too late for me. I gave you plenty of chances to follow through with what you stated we were going to receive. The money I gave for station support you can keep, as I figured that got used for station time. That came to \$55.00. I gave \$50.00 for station support, and \$5.00 for The Rock Pile program.

The money I paid for the Insiders Club you can refund back into my PayPal account or

send me a check for \$50.00. I want that back because I never received anything I sent the money in for. I have spoken with my legal counsel regarding the matter and he believes I can seek legal restitution if I don't get my refund. I am not a litigious person but in this case I am angry and personally hurt. Your prompt action in this matter is requested.

John P. Cooper

This was the reply I received back.

"From: "Marcy Schlegel" <qsls@global24radio.com>

Date: March 5, 2015 at 8:37:33 PM EST

To: "WHO DARES WINS" <broadwing56@msn.com>

Cc: qsels@global24radio.com

Subject: Re: Refund

John,

That's fine. We're well aware of all your comments to Thomas Carothers, Keith Perron, and others - shortwave radio will be a lot better off with you quiet and not "trying to help"

I've sent you refund to accounting. They only come in every other week so it might be a week or so before it's processed.

Regards, Marcy"

There we are. Yes, I have been raising Cain with anyone who would listen as I feel I really got ripped off on this Insiders Club scam they pulled. I wrote Thomas Witherspoon asking if he could find out some information on why no Insiders Club perks, and Jeff White telling him my story. I even e-mailed Keith Peron asking about the rumor I heard he had pulled PCJ programming earlier in February.

The money I paid for G24 station support, I figured went for station time to WRMI. On their apology to the listener audience they even failed to tell the truth as they did not follow through on any of the additional

perks they promised besides the Listener's Forum. "We understand that, in some cases, we didn't keep our promises on the newsletters and the like."

This station should not be allowed to come back on the air as they promised, lied, and then continued to lie to the listeners. It borders on fraud if it isn't that as it is. Before they took the forum off line I asked anyone in the Insiders Club to please e-mail me a copy of the supposed December Newsletter. Below is a reply I received on 5 March before the forum was taken down:


Maideneddie wrote:

"I have emailed them my mailing address 2 times plus gave it to them when I paid \$50.00 to become a premium member. To this day I have received absolutely nothing from them except an email saying I missed out on the 1st newsletter and that they are currently mailing out the second. Perhaps my \$50 bucks wasn't green enough for them. I also never received a qsl, or my coffee mug. At this point I am not expecting anything from them. What a racket!!"

I really hope you print this in its entirety. I just want my refund for the Insiders Club but based on this station's past track record I will not hold my breath. Keith Peron stated an investigation is going on and a report will be forth coming from Network Media + [sic] in the near future. There is more going on here than just my interactions with the station.

[Ed. Note: SWC received these two e-mails from John Cooper subsequently.]

1. As a follow up, after I e-mailed Jeff Demers, and stated I wanted the additional \$25.00 for the Insiders Club, he got back to me and requested I send him a list of all PayPal transactions I sent in to him. I got that back to him later in the evening. We will see....

2. Good news, Mr. Demers gave me full refund \$50.00 for the Insiders Club membership tonight. Of course he had to put in a little dig that I was only one of two people who asked for and got a refund. 

Listener's Notebook

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

Times are UTC and frequencies in kHz.

ALASKA According to Konstantin Chernushenko *KNLS* is not on air. A couple of weeks ago there was a very strong storm with damaged antenna wires torn in many places. The fix is not so simple, it is necessary to take the antennas down. But there is frost and wind, cannot yet do, apparently will have to wait warming which is likely to be toward the end of March. (DX Re Mix News, Bulgaria) According to station info on rus-radio-dx list, *KNLS* is off the air due to extensive storm damage and is not expected back on the air before April. (Mauno Ritola WRTH 24 Feb/British DX Club)

ALBANIA Summer A-15 English schedule of *Radio Tirana* via Shijak.

2000-2030 on 7465 Mon-Sat
0130-0200 on 9850 Tue-Sun
(Radio Tirana via Drita Cico-ALB/wwdxc BC-DX TopNews)

ASCENSION ISLAND New religious broadcast via *BABCOCK: Follow The Bible Ministries*

1900-1930 on 12050 English Sun, eff. from Feb.8
(DX Re Mix News, Bulgaria)

"Sven, Your report of BBC Ascension on 11720 at 2230 was clearly incorrect. They sign-off on that frequency at 2200 and have for years. Did you mistype 2130?" (Christina Van Helder/Blandx) You're right, Christina. That was my mistake. I hope this minor slip-up does nothing to diminish the hero-worship that I know all *BLANDXers* have for me. (sg/Blandx)

AUSTRALIA Today's "new station" is another one of those unusual, little-known small studios we've been discovering . . . the local language program production partners of larger international organizations. This one is called the Voice of Salvation Radio Ministries and is located in Kathmandu, Nepal. They produce local language programming for the Himalayan region for Watchmen Radio Ministries International. Watchmen, in turn, broadcast their programming over a number of

international rent-a-xmtr partners. In the case of Voice of Salvation, access to the air is via "Reach Beyond - Australia" (former HCJB Australia) on 11590. Voice of Salvation is the work of a Nepalese couple who have a small home studio set up based on notebook computers — a picture was received, showing the studio next to a window area in a house, with the draperies closed. They produce 15-minute religious radio programs in the Dzongkha and Nepalese languages and are on the air during B2014 according to this current schedule, via the Kununurra transmitter:

11590 1300-1315 (Thu) Nepalese
11590 1300-1315 (Fri) Dzongkha

They almost never receive reception reports, so they are both surprised and delighted to hear from listeners. They are also pretty green insofar as what is desired re verification! You can reach them via Mr. Alex Dodson at Watchmen Radio Ministries International: alexd@watchmenradio.org. Mr. Alex Dodson, Watchmen Radio Ministries International, P. O. Box 13251, Portland, OR 97213. (Ralph Perry-IL)

Reach Beyond Australia, English broadcasts in B-14 and A-15:

0730-0800 on 15490 Daily, ex 0730-0830
1330-1530 on 11590 Daily, ex 1405-1530
1115-1130 on 11590 Sun-Tue/Thu
1130-1145 on 11590 Sat
1345-1415 on 15340 Fri, ex 1330-1400
2300-2315 on 11765 Sun, ex 0100-0115
(DX Re Mix News, Bulgaria)

2368.5, Mar 10, 1230, *R. Symban*. I have never caught a trace of this station before this morning. It wasn't much, but I definitely heard an OM singing Greek music for a few seconds at a time. I finally got a little bit of audio out of Radio Symban this morning. Not much, but I did manage to catch a couple of two or three second snippets of men singing Greek music on 2368.5. The signal was much stronger than yesterday, when there was barely a carrier on 2368.5, but the Aussie domestic service VL8s were all exceptionally loud. The VL8s seemed off from yesterday's super strong signals,

but Radio Symban somehow managed to make an appearance. The Australian VOLMET station on 2056 out of Wiluna was strong this morning as well. I love springtime propagation! (Tim Rahto-Iowa/SWBulletin)

3210, **Vintage FM** relay via Ozy Radio is off the air. Ozy Radio plans to start operation on 5045 kHz (WRTH National Update 6 Feb/British DX Club)

AUSTRIA Radio Joystick via Media Broadcast on Sunday, March 1:

1100-1200 on 7330 MOS German 1st Sun
(DX Re Mix News, Bulgaria)

TWR UK has announced that it is ceasing its 0800-0820 short wave broadcasts from 29 March. It is announced daily in its morning broadcasts. (John Baily-UK 8 February/British DX Club) Only the TWR Europe English service stops distribution via shortwave, it is still on air via satellite broadcasts though. But TWR Europe has registered SW for Belarusian, Hungarian, Polish and Russian language services in summer season 2015. (Wolfgang Bueschel-Germany/British DX Club)

AZERBAIJAN Azeri station **Ictimai Radio** heard on shortwave again on 19 February from 1143 and on 20 February from 0800 on 9676.7. FM modulation. (DX Mix) Used to jam Voice of Justice from the Armenian Nagorno-Karabakh enclave which uses 9677v. (Dave Kenny-UK/British DX Club)

BAHRAIN 9745, **R Bahrain**, Aby Hayan, *0025-0031, Feb. 23, Arabic, s/on in the middle of song, ID at 0031: "Huna Bahrain" (rather said "Bahrain"), 35433. (Pankov-Bularia/DX Window) 9745, hrd on 3/15 from home QTH in Southern CA - rare appearance this far west. Typical Arabic mx. Peaked from 0120 to about 0135 then fading to 0140 tune out. Picked up again at 0307 but started another fade around 0312 and largely gone by 0317. (Bruce Churchill-CA/DXplorer)

BANGLADESH 15105, **Bangladesh Betar** - Dhaka, full data Station "Mosque and Prayers" card received in 4 1/2 months for an e-mail report signed by Abu Tabib Md. Zia Hasan, Senior Engineer. Included in the QSL package was the QSL card, a personal letter on station letterhead, and a nice envelope covered in Bangladesh stamps!! Looks like it was mailed on Feb 26th so it took about a month to get here!! (Robert Ross-Canada/DXplorer)

BHUTAN 6035, **BBS** Again, found here staying on past 1200. 1212 usual M anncr w/pres. nx to 1220, then the lcl stringed instru. mx for abt a min. and M returned. Lively lcl mx bridge at 1223 and W anncr but fading badly and quickly by this time. Had to notch out Yunnan of course. Could still see both BBS and Yunnan easily at 1309, so BBS staying on very late today. 2 March. (Dave Valko-PA/PlayDX)

BOLIVIA 3310.00, **R. Mosoj Chaski**, Cochabamba, at 0945-1010 on Mar 12; rlg prgm in Quechua folk mx w/huayno; ID "Radio Mosoj Chasqui", more folk mx, prgming in Quechua continues. 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

4716.7, **R. Yura** OC on the air at 1013:30. Pgm start at 1020:52 w/instru. campo mx and W anncr w/2 IDs w/ment of onda corta. Canned anmnt by M, then into campo song, and W anncr at 1023 w/ID and tlk in Quechua. 2 more songs and W returned at 1028 for abt a min, then back to mx. Fading badly by 1040. 2 March. (Dave Valko-PA/PlayDX)

6025.00, **R. Patria Nueva**, La Paz; at 0310-0335 on Mar 11; ads, ID: "Es Patria Nueva para usted", interview to President Evo Morales. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

6155.10, **R. Fides**, la Paz; at 2320-2340 on Mar 7; continuous mx, advs, ID: "Por Radio Fides, desde la Paz", mx, ID: "Radio Fides". 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

BRAZIL 4765.00, **R. Integração**, Cruzeiro do Sul; at 1115- 1150 on Mar 13, mx, ads, ID "Integração ..." Prgm: "O Jornal", nx. 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

4885.02, Feb 28, -2300*, **R Clube de Para** with good strength. Signing off with several ID's. Seems to be off very early, used to be there more or less all night earlier. (Thomas Nilsson-Sweden/SWBulletin)

6040, **Radio RB2**, Curitiba, 0529-0630, 01-03, Portuguese, religious "Com a Mae Aparecida, Santuario Nacional". //9725. 24322. (Méndez-Spain/PlayDX)

6119.9, **Super Radio Deus e Amor**, Sao Paulo, 0609-0621, 01-03, Portuguese, religious comments. //11765, 9565. 14321. (Méndez-Spain/PlayDX)

9515, **R. Marumby**, Curitiba, verify email from v/s Orlando Morais (Administration Department) whose

son who lived in Melbourne for two years translated it into English. Arrived in 6 days from marumby@terra.com.br. He said Marumby is on 730 and sister station R. Novas de Paz is on 6080 and 9515 but the SW channels certainly ID'd as Marumby. (David Foster-Australia/ARDXC)

9565, *Super R. Deus é Amor*, Curitiba, 'Thank you for your reception' email from Marcos Ribeiro at marcos.souza@ipda.com.br. 2 days after f/up for an original 2013 report. (David Foster-Australia/ARDXC)

9645.4, *Radio Bandeirantes*, Sao Paulo, 0535-0555, 01-03, Brazilian songs. 34433. (Méndez)

9725, *Radio RB2*, Curitiba, 2129-2155, 28-02, Brazilian songs, identification "1430 kHz, RB2". 24322. Also 0533-0610, 01-03, "Com a Mae Aparecida". // 6040. 34433. (Méndez-Spain/PlayDX)

9664.797, *R Voz Missionaria*, 0125-0145 w/ usual programs advocating sexual positions approved by the Catholic Church. The programming is a monotonous bore but you can't beat their QSL card. (Finelli/Blandx) You need to listen at their 0900 sign-on. Once or twice a week the first ten minutes are very exciting. (ed/Blandx)

9724.97, *RB2*. Obviously airing a Mass at 2354 t/in. Came back at 2306 and found a series of canned anmtns including ID/promo, then into next pgm at 2307 suddenly cut off and gone at 2308:10. Very good signal. 1 March. (Dave Valko-PA/PlayDX)

9820, *Radio 9 de Julho*, F/D ltr in 59 days for \$2.00 and local postcard. V/S Pe. Jose Renato Ferreira, Diretor Geral. Address: Radio 9 de Julho Rua Manoel de Arzdo, 85 - Freguesia de O - Sao Paulo - Capital Brazil. (Ross Comeau-MA /DXplorer)

11735, *Radio Transmundial*, Santa Maria, 1000-1015, 01-03, identification: "Esta e a Radio Transmundial, ondas curtas de 25 metros, 11735 kHz, ..., radiotransmundial.com.br.", religious comments. 25322. (Méndez-Spain/PlayDX)

11895, *Radio Boa Vontade*, Porto Alegre, 2040-2110, 28-02, religious comments, Portuguese. 13221. (Méndez-Spain/PlayDX)

CANADA 6070, *CFRX* Toronto confirm with QSL card in 21 days from V/S Steve Canney, 1831 Waterdown Rd., Burlington, Ontario, Canada. Sent report with 2 US\$. (Francesco Cecconi-Italy/PlayDX)

CHINA 4750, Mar 5, 2230, *Voice of China*, Hailar, Nei Menggu. Chinese report from the People's Congress with fanfare, speech with round of applause from 3.000 listeners and comments, 2230 another fanfare and ID, 35242 // 4800 (55444), 5010 Jammer on TWN (53433), 6000 (32332), 6030 (43333), 6080 (45434), 6125 (32332), 6175 (31431), 7215 (45333) and more frequencies to ensure, that all Chinese could hear it! (Anker Petersen-Denmark/SWBulletin)

5990, Feb 26, 2240, *PBS Qinghai* in Tibetan via XIN Xining site. I was wondering if any of you could please help me solve a mystery. A few weeks ago, Ron Howard mentioned hearing Ralph Perry mentioning hearing the Qinghai People's Broadcasting Station on 5990 around 1300 (I believe). I was able to hear something there as well earlier around 1130 but it's never been very strong. I then tried later in the day and have been hearing a station there daily sign on around 2235 with a test tone to 2240. This is followed by what sounds like simple instrumental Chinese music to 2250. From 2250 to 2252 they play some sort of anthem-like instrumental song (actually it's about 1:30 minutes long). After that there is an apparent pre-recorded opening announcement followed by many more pre-recorded announcements to the 2300 top of the hour. Unfortunately, the Radio Marti signal comes on the air around 2350 (with an open carrier). And due to my location, Marti is exceptionally strong and makes it impossible to ID the station. The only way I can hear the unidentified station underneath Marti at all is to use LSB. I'm not sure if this is Qinghai or not. They have the same sign on routine every day from 2235v-2300. The anthem-like song is very familiar but I just can't recall where I've heard it. I've also noted it using the U. of Twente web receiver, but the signal isn't any better than it is here. So, if any of you can help, I'd be most grateful. Thanks!! (Dave Valko-PA/HCDX Feb 26). 5990. Yes, I guess in Asia they would hear CRI in Russian from Hohhot. Here in North America its CRI in English via Havana Quivicán. Both sign on at 2300, so there is a short window when Qinghai is noted. 5990 \ of 9850 is much too weak here to confirm. We can get 5990 Qinghai in our mornings here too from about 1100 but it doesn't seem to be quite as strong as at 2250. (Dave Valko-PA/HCDX Feb 26) No doubt it is Qinghai Tibetan Scs. They have moved to in-band frequencies and using 50 kW now instead of former 15. See for example: Chinese 2200-1600 on 6145 and 9780 and Tibetan Scs 2250-1600 on 5990 and 9850. 4220 and 4750 are off. Unfortunately qhtb.cn/radio doesn't offer live

stream to compare. But similar start on 9850 with 1 kHz test tone already on at 2220. Did you check 9850? At 2250 is that National Anthem? I attach a recording starting at 2252, but unfortunately speech audio seems very distorted and they don't seem to have the trilingual ID any more at that time, as they had on 4220 in the old days; also attached. CRI Russian starts at 2300 on 5990 kHz and blocks it completely. (Mauno Ritola-Finland/SWBulletin)

CLANDESTINE Updated schedule for *Denge Kurdistan* in Kurdish - sites now include Spaceline Bulgaria:

0400-0800 9400-mv (Moldova)
0800-1200 9400-gv (Gavar, Armenia)
1200-1500 9400-mv (Moldova)
1500-1700 9400-bu (Sofia, Bulgaria)
1700-2000 9400-fr (Issoudun, France)
(DX Mix/British DX Club)

Denge Kurdistan A-15 from March 29 again via Grigoriopol Maia Pridnestrovie:

11510 0300-1900 in Kurdish
(Wolfgang Bueschel-Germany/DXplorer)

Oromo Voice Radio, Raadiyoo Sagalee Oromoo:

1600-1630 on 17850 ISS Oromo Wed/Sat
(DX Re Mix News, Bulgaria)

Radio Xoriyo:

1600-1630 on 17870 ISS Somali Mon/Fri
(DX Re Mix News, Bulgaria)

Risala International:

1830-1900 on 15165 secret / hidden site Oromo Fri
(DX Re Mix News, Bulgaria)

Radio Assenna:

1700-1800 on 15245 ISS Tigrinya Mon/Thu/Sat
(DX Re Mix News, Bulgaria)

3985, *Radio Echo of Hope* at 1152 in Korean with commenting by woman and man, //6348 (fair). At 1300 a singing slogan, quite sure I heard mention of "V - O - H", then fanfare music and man, possibly with news, //6003 (poor under QRM), 6348 (fair) - Fair, Mar 12. (Sellers-BC/DXplorer)

9940, *Radio Miraya* via Unknown Site. March 11, ids and brief Arabic from 0300 opening. Then English interviews. SINFO 35251. Sergey Omelchenko, Pridnestrovsky Radiotelecentr Technical Director, e-mail says not from their Moldova/Pridnestrovia site. (Craighead-KS/DXplorer)

15165, *Radio Risala* a new station started 20 February, scheduled Fridays at 1830-1900. Brokered by Alyx & Yeyi which gives the language as Amharic/Oromo, so targeting Ethiopia. Confirmed on 20 February at 1830 with several IDs in Oromo (?) "Sagalee Radio Risala". Aoki lists the site as Issoudun. (Dave Kenny-UK/British DX Club)

17850, *Oromo Voice R.* (via France) 1600 start w/ instru. mx and "R. Sagalee Oromoo" IDs by M and girl. Caught the beginning of the EG pgm today at 1614 w/opening ID anmnt by same girl as hrd at 1600 over instr. HOA mx as "This is Oromo Voice R. broadcasting. Oromo Voice (is) broadcasting (to Oromiya at) 16 meterband or 17,850 kilohertz (or on) Oromovoice (.org, website) Oromiya broadcast 'Oromoyia Insight' program every Monday for 15 minutes at 7:15 PM Oromiya) local time. Welcome to ('Oromiya Insight')". Text in parentheses are what was not copied but noted in Ivo's video. Into tlk features in EG. At 1629 might have closed w/another ID anmnt by M as the same instru. HoA mx bed was used as with the opening by the girl, then off at 1630. The jammer made it nearly impossible to copy anything today. 2 March. (Dave Valko-PA/PlayDX)

COLOMBIA 5910, *Alcaravan Radio/La Voz de tu Conciencia*, Puerto Lleras, 0518-0640, 01-03, Latin American songs, identification "AM Alcaravan Radio y en onda corta, La Voz de tu Conciencia, la voz de Colombia para el mundo", "Aquí en La Voz de tu Conciencia, del sistema Alcaravan Radio". 24322! (Méndez-Spain/PlayDX)

6010, *La Voz de tu Conciencia*, Puerto Lleras, 0516-0550, 01-03, religious songs, Spanish, 23322. (Méndez-Spain/PlayDX) 6010.00, R. La Voz de tu Conciencia, Bogotá; at 0050-0150 on Mar 22; folk LA mx (pasillos, etc.). ID: "Radio La Voz de tu Conciencia". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

CONGO (DEM. REP.) 5066.33, *R Tele Candip*, Bunia, 0248, Feb 01, up-tempo local pop songs, male speaker with ID as "La Radio Candip" - seems to be signing on even earlier than before, sometime after 0200, but before 0300, 45333. (Bell-South Africa/DX Window)

CONGO (REP.) 6115, *R Congo*, Brazzaville, 1700-1827*, Mar 07, vernacular news, time check, music, from 1730 DJ in French, ID: "Radio Congo", 24532 (Pankov-Bulgaria/DX Window) Also heard at 1818-1824*, Mar 10, French comments about Congo, African songs, closes broadcast abruptly at 1824, seems like a transmitter failure, 23322. Also heard 1827-1846, Mar 11, French comments, ID: "Radio Congo", 23322. (Méndez-Spain/DX Window)

DJIBOUTI *Radio TV Djibouti* will be changing frequencies. The current frequency is an unlucky number in their dictator's horoscope. (Union of Exiled Ugandan DX Clubs/Blandx)

ERITREA 7174.987, Mar 3, 1400, *Radio Eritrea* Asmara repaired and re-appeared on 7175.0 BC A3E in 1400-1830 range from March 3rd. Not heard regularly since at least August 2013. At 1730 'VOBME ID' in Arabic says Jari Savolainen, March 5. [formerly also 0300-0700 and 0930-1100]. You can check the (weak in Europe) signal, which I traced on 7174.987 footprint from 1414 March 4. Yes 100%, same fq like in April 2009. (Wolfgang Büschel-Germany/SWBulletin) 7175, Voice of Broad Masses of Eritrea, Asmara (100 kW), again sked *1500-1830* in Amharic to East Africa. (Ivanov-Bulgaria/DX Window) VOBME in Amharic 1500-1600 on 7185, 1600-1830 on 7175 on March 26. (DX Re Mix News, Bulgaria)

ETHIOPIA 5950, *Voice of the Tigray Revolution*, Addis Ababa, *0255-0303, Feb 17 and 23, IS, Tigrinya ID, echo ID at 0300 starting broadcast, Horn of Africa music, 55544. (Bernardini-Italy and Pankov-Bulgaria/DX Window)

6030, *Oromiya*, Adama, *0254-0303, Feb 23, Oromo, s/on with IS under Cuban jamming, ID at 0303, 33543. (Pankov-Bulgaria/DX Window)

6090, *Amhara R*, *0256-0301, Feb 23, Amharic, s/on under Anguilla with bells IS, ID: "Amhara Redio", 42432. (Pankov-Bulgaria/DX Window)

6110, *R Fana*, Addis Ababa, *0254-0259, Feb 23, Amharic, IS, ID at 0259: "Ye Fana radio", programme, 35443; no more // 7210. (Pankov-Bulgaria/DX Window) Also heard at 0340, Feb 17, radio Drama, Horn of Africa style songs, good. (Bernardini-Italy/DX Window)

FINLAND 25000, *Time Signal Station Mikes*, 1840-1844, 11-03, time signals, beeps with seconds and silent at second 59. 24322. (Méndez-Spain/PlayDX)

FRANCE Summer A-15 of *Radio France International* in various languages:

0430-0500 on 11790 Swahili, ex MEY
0530-0600 on 15560 Swahili, ex MEY
0600-0630 on 13750 Hausa
0600-0630 on 15340 Hausa
1430-1500 on 13790 Farsi May 03-Aug-29
1430-1500 on 17850 Farsi till May 02
1430-1500 on 17850 Farsi from Aug. 30
1430-1500 on 21580 Farsi
1500-1600 on 21690 Swahili, ex MEY
1600-1700 on 15360 Hausa from Aug. 31
1600-1700 on 17615 Hausa till Aug. 30
1700-1730 on 21690 Portuguese, ex MEY
1900-1930 on 17660 Portuguese, ex MEY
2000-2030 on 13695 Hausa, till Aug. 29
2000-2030 on 11700 Hausa, from Aug. 30
(DX Re Mix News, Bulgaria)

15180, *Radio Taiwan Int'l* via Issoudun. Transmitter for their Russian Service 2 full data for the same reception for an e-mailed report. Received in 3 Months. Cards were received in separate envelopes mailed on same day. One of the envelopes also contained a Colourful Radio Taiwan Int'l Beverage Coaster. Cards also had RTI Rubber Stamp and Transmitter site listed as "ISS" (Issoudun) France. (Robert Ross, Canada/DXplorer)

GERMANY German private coastal radio station *DP07 Seefunk* will start regular sea weather broadcasts from 1 April 2015 in AM via a broadcast transmitting site at Kall-Krekel, also used by Radio 700. The program mostly in German (and a short English section) will be broadcast on 6005, 7310 and 9560 AM daily from 0700 till 0730 and from 1600 till 1630. (Harald Kuhl-Germany/DXplorer)

3985, *Radio 700* hrd on 2/27 w/ decent signal from Perseus site in So. Florida from the xmtr site in Kell-Krekel. Hrd from 0052 tune and again from 0222 tune, the latter being best quality. SINPO at 0222 23332 w/ significant LSB ARO QRM on both sides. Signal improved slightly after 0245. Best in USB mode with a notch at 3986.5 for ARO rejection. Appeared to be an all-music format, but man ancr hrd 0255-0300 for the first time, then back to music at 0300. (Bruce Churchill-CA/DXplorer)

3995, e-mail QSL rcvd from *Life FM Cork* station mgr Brian Daly in 2 days for reception of relay on Weenermoor transmitter on 2/25 from 0002 to 0050 from Perseus site in N. Sweden. Hvy QRM

from possible Xinjiang on 3990 throughout. Brian stated that Life FM Cork started broadcasting in 2008 after receiving their license in 2005. (Bruce Churchill-CA/DXplorer)

6070, **Channel 292**, Rohrbach. From Mar 08 until Mar 22 we will be off air, due to preparations for our second power amplifier. Perhaps we can start the 10 kW transmitter on the same day in the evening. During the next weeks we hope that we can increase power as planned. (Tom Taylor/R Channel 292, Mar 02/DX Window)

9560, **Radio Mi Amigo** as it seems plans more transmissions in the 31-m-band (1 kW from Kall-Krekel/Germany). (Harald Kuhl-Germany/DXplorer)

GUATEMALA 3300, **Radio Cultural TGN** sent me a Christmas - New Year's card plus a large station calendar. (Marlin Field-MI) Marlin was a regular listener/reporter of TGN back in its shortwave days. (RAD)

4055, **Radio Verdad**, Chiquimula, 0557-0610*, 28-02, comments in English, identification "Estación Evangelica Radio Verdad, Chiquimula", anthem and close down. 15321. (Méndez-Spain/PlayDX) 4055, **Radio Verdad**, Chiquimula, 0550-0609*, 07-03, English, religious comments, identification, anthem and sing off. 14321. (Méndez-Spain/PlayDX)

GUYANA 3290, **Voice of Guyana**, Georgetown @ 0140 tune in to instrumental music. Good signal strength but heavy static although no sign of usual Ute QRM. Deep voiced om speaking over instrumental version of Beatles "Michelle" then into R & B vocal. Static causing severe distortion to audio so very little details heard. Best signal I've heard since their reactivation although the static is making for difficult listening. Music continued past TOH with 50's style ballads. Announcer also back but his deep bass voice is lost in the static. (Stephen Wood-MA)

INDIA 4760.0, **AIR Port Blair**. Visited AIR Port Blair Transmitter on Mar 17 (my 4th visit to the station). SW is now only 4 kW on 4760 and 7390. Schedule is: 2355-0300 on 4760, 0315-0900 on 7390 and 1030-1700 weekdays/1730 Weekends on 4760. MW is 52 kW (30 kW when on generator). (Jacob-India/DX Window)

INDONESIA 3324.887, **RRI Palangkaraya** excellent reception to sign off just before 15:03. Didn't hear a sign off, but may have missed it if it was earlier. (Walt Salmaniw-BC/DXplorer)

3344.864, **RRI Ternate** equally powerful with a lovely sign off at 15:02. (Walt Salmaniw-BC/DXplorer)

4869.92, **RRI Wamena**. Usual soft-spoken M DJ after 1135 playing pgm of rom Pop ballads with a lot of IN tlk between songs. 1159 the first 9 notes of a diff. rendition of "Rayuan Pulau Kelapa", fanfare, M briefly, 5+1 long time ticks, another M briefly, another fanfare, and beginning of nx w/ment of RRI warta berita. Peaking probably around 1145 and fading by 1200. 4 March. (Dave Valko-PA/PlayDX) 4869.90, Mar 12, 1233, RRI Wamena with Thursdays "Kang Guru Indonesia" program in English starting at 1233 with "KGI" jingle; only understanding bits & pieces of the language lesson; slowly improving. (Ron Howard, San Francisco at Ocean Beach, CA, USA/SWBulletin) 4870, RRI Wamena at 1223, Indonesian, ads, announcements, music, a couple of English Country music songs at 1246, more announcements before and through 1300, then song "I'm Your Lady" by Celine Dion - Fair, Mar 16. (Harold Sellers-BC/DXplorer)

IRAN Tentative A-15 English for **The Voice of Islamic Republic of Iran**

0320-0420 on 11780kam 13650sir "Voice of Justice"
1020-1120 on 17640kam 17820kam
1520-1620 on 11640kam 13780sir
1920-2020 on 9400kam 9715kam 11885sir 11985sir
(IRIB via wwdxc BC-DX TopNews March 11)

Saut Falestin to Palestine target "Voice of Islamic Palestinian Revolution" in Arabic

0320-0420 on 9840kam 11970sir
(IRIB via wwdxc BC-DX TopNews March 11)

KOREA (NORTH) 3320, **Pyongyang Broadcasting Station** at 1141 with woman singing classical style song - Fair, Mar 12. (Sellers-BC/DXplorer)

KOREA (SOUTH) 6015, **KBS Hanminjok Bangsong I**, daily 1000-1030, program "Pops Freedom", mostly in Korean, but many pop songs in English; series of three very nice canned IDs, two given in English (one by native English speaker) and one in Korean; "Now you are listening to KBS, Pops Freedom" and several mentions of "Pops Freedom"; within the "Pops Freedom" program is the segment of "Everyday English" language lesson. Especially good reception recently when white noise jamming was off. (Howard-CA/DX Window)

KYRGYZSTAN 4010, Mar 14, *0000-, *Kyrgyz R I*, Krasnaya Rechka Fanfare, short ann in Kyrgyz by man and woman, choir sings the long National Anthem, Kyrgyz opera with orchestra music, ann. // 4820.86 (Anker Petersen-Denmark/SWBulletin)

4820.86, *Kyrgyz R I*, Krasnaya Rechka, *0000-0125, Mar 13 and 14, same programme in Kyrgyz as // 4010. Xizang on 4820 QSA 3 at 0000, but fading out, while Kyrgyz R became stronger, at 0125: 34333. (Petersen-Denmark/DX Window)

5129.976, *Radio Maranatha* via Bishkek Krasnaya Rechka, Afghan Christian Radio Sadaye Zindagi Dari/Pashto station with TWR ties? (Wolfgang Bueschel-Germany/DXplorer)

Radio Maranatha, Afghan Christian Radio Sadaye Zindagi

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

LIBERIA 6050, *ELWA Radio*, Monrovia, 0634-0655, 01-03, English, religious comments, "The Gospel, The Lord Jesus Christ". 14321. (Méndez-Spain/PlayDX)

MALI 5995, *R Mali*, Bamako, *0559-0645, Mar 07 and 15, anthem, African songs, French and vernaculars comments, 24322. (Méndez-Spain/PlayDX)

9635, *Radio Mali*, Bamako, 0841-0910, 01-03, African songs, at 0900 News and comments, French. 24322. (Méndez-Spain/PlayDX)

MEXICO 6185, *Radio Educación*, Mexico D. F., 0555-0601*, 28-02, classic music. 24322. Also 0503-0603*, 01-03, classic music and comments "los invitamos a escuchar una selección musical", "Radio Educación", program "En el fondo somos así". Close. 24322. (Méndez-Spain/PlayDX) 6185, Radio Educación, México D. F., 0552-0600*, 07-03, classic music, Spanish, comments. 14321. (Méndez-Spain/PlayDX)

MICRONESIA 4755.5, *The Cross Radio* at 1153, English, man preaching from the story of Joseph, song and off with DTMF tones at 1200 - Fair but CODAR QRM, Mar 16. (Harold Sellers-BC/DXplorer)

MONGOLIA Weak signal of *Voice of Mongolia*:

1500-1530 on 12014.9 Japanese
1530-1600 on 12014.9 English
(DX Re Mix News, Bulgaria)

MYANMAR 5985, *Myanmar Radio* with VOA special English at 1546 tune in. Not quite as strong as a few days ago, and suffering from severe CRI Japanese on 5980. Still easy to follow and enjoy. (Walt Salmaniw-BC/DXplorer)

NIGERIA *Voice of Nigeria* has a new online QSL service. Just submit your report on their website. They will charge one dollar to your credit card for return postage. (Baffin Island DX Club/Blandx)

OMAN 15140, *R Sultanate of Oman*, Thumrait, 1400-1500, Feb 19, English to Western Europe 1400-1500 as scheduled B-14, but extended with English 1500-1700 instead of Arabic (confirmed, but totally blocked by AIR in Russian in DRM mode). From 1700 Arabic, as scheduled B-14. (Ivanov-Bulgaria/DX Window)

PAPUA NEW GUINEA 3260, *NBC Madang* at 1158 with possible religious devotion to 1200 announcement and song by children, man with couple of announcements during song, signal fading down into noise - Poor, Mar 12. (Sellers-BC/DXplorer)

3365, *NBC Milne Bay* at 1143 male speaker; and at 1248 music and male speaker; too weak to get details - Very poor, Mar 12. (Sellers-BC/DXplorer)

3385, Feb 22, 1220, *NBC East New Britain*. Back in 2010, I often listened to the American syndicated show "Beyond Today," which was aired after 1200 on Sunday. In July, 2013, I emailed UCG about their SW programs, as I had not heard them for quite a while. Their response was - "At this time we are not airing Beyond Today on shortwave radio. We apologize, but the time and resources to make it available in that medium, versus the responses received, did not make it worthwhile." Sunday, Feb 22, heard the audio feed from the "Beyond Today" TV show "Overcoming Alcoholism," already in progress at 1220. Clearly an audio feed, as heard mention by Steve Myers to "write to the address shown on the screen." Program ended at 1236 with contact info. (Ron Howard-CA/SWBulletin)

7325, 1935, *Wantok Radio Light* reactivated 7/2, fair in clear w/ good modulation, contemporary Christian vocals, message of encouragement & EE ident at 1951. Irregular since. (Bryan Clark-New Zealand/NZDXL)

PERU 4747.57, *R. Huanta Dos Mil* OC at 1007 start. Band NA start at 1014:58. Canned shouted annmt

by M at 1016 and OA campo mx. Fantastic w/canned IDs at 1021:30, 1023:15 and 1024:05, and live ID at 1024:20, canned ID again at 1024:55, 1027:30 beautiful live ID. Into long tk pgm by M w/mic placed across the room from 1028-1058. Ment of amigos oyentes and "...estudios de Huanta" near beginning. 2 March. (Dave Valko-PA/PlayDX)

4774.9, **R. Tarma**. Tremendous signal at 1007 t/ in w/beautiful OA campo mx. 1012 one ad and one ID/promo, and back to mx. 1015 another ID/promo w "la hora exacta" by M. 1019 ad block ending w/ID/promo sounding like "R. Tarma la voz las vueltas mundial". 1030 usual canned ID and "Musica Folklorica Nacional" pgm ID, then the usual ID/promo bracketed by jingles. 2 March. (Dave Valko-PA/PlayDX) 4747.60, R. Huanta 2000, Huari, Ayacucho; at 1045-1110 on Mar 3; ad string ment "Cooperativa de ahorros Huanta", ID "Huanta 2000" in Quechua, folk mx starts w/huayno in SP, bilingual prgm in Quechua and SP, ID on passing: "Por Radio Huanta 2000", more mx. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

4985.5, **R. Voz Cristiana** 1101 already on w/usual long series of canned anmnts. Noted one w/girl shouting "Voz Cristiana" at the end that I never noted before. 1105 another promo/ID. 1107 phone # in Lima given in ad, followed by another w/ment of "Voz Cristiana". Finally into campo-like mx at 1108 w/very rapid hard pounding drum beat. Hrd them play this song before. Fading very quickly after 1106. The window is closing quickly on this one. 4 March. (Dave Valko-PA/PlayDX) 4985.50, R. Voz Cristiana, Chilca, Huancayo; at 1117-1140 on Mar 3; rlg mx, ID on passing: "A través de Radio Voz Cristiana", adstring ment: "Comercial Elizabeth, encontraras todo lo necesario para tu casa", "Panadería Camino Recto", "Ferretería San Carlos". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

5980.1, Mar 9, 2356, **Radio Chaski** with good signal completely alone on the frequency. Singing ID. Several Gracias a Dios. BBC signs on at 0059 spoiling the reception. (Thomas Nilsson-Sweden/SWBullein)

6173.85, **R. Tawantinsuyo**, Cusco; at 2345-0005 on Mar 5; esoteric prgm, mailbox reading, ads, ID: "Radio Tawantinsuyo"... 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

ROMANIA *Radio Romania International's* popular Friday night program *Strip Clubs of Bucharest* has been canceled. Announcers Doru Radu and Andrei

Popescu have been fired because of too many 'irregularities' on their expense accounts. (DX Culinary Digest via Ryan Finelli/Blandx)

RUSSIA 25900, **Radio MTUCI** (Zelyoniy glaz) is currently inactive on both 1584 and 25900, but is looking for a permanent licence and restart is planned during the second half of 2015. (WRTH/British DX Club)

RWANDA 6055, **R Rwanda**, Kigali, scheduled 0300-2100 in Kinyarwanda/French, will be closed at end of B-14 season like the other relays of Deutsche Welle and Adventist World R. (Ivanov-Bulgaria, Mar 09/DX Window)

SOLOMON ISLANDS 5019.87, **SIBC**. As per Ron Howard's observation yesterday, I found this on the old off-freq again this morning. At around 1008, I was able to hear a M tlking weakly amid the static crashes during a lull in the Rebelde modulation. Later, when Rebelde was off, the M anncr was noted again at 1036. (26 Feb. (Dave Valko-PA/PlayDX) 5020.003, Solomon Islands BC. Armchair copy from the National Emergency Center from before 15:00 to past 17:00 regarding a tropical cyclone. Riveting to listen live to the destruction (mud slides, flooding, etc.). Nothing on 9545. Great modulation, so obviously the new transmitter. (Walt Salmaniw-BC/DXplorer)

SOMALIA 7120, **Radio Hargeisa**, Hargeisa, British Somaliland (Somalia), Feb 11 2015 Reception. Full data station QSL card received in 16 Days for a Report sent to: Radio Hargeisa, % - Baldur Drob-nica - Consulate to Somalia, Zedernweg 6. D-50127 Bergheim. Germany. I sent an English report and \$1.00 USA for return postage. Card was mailed from Germany, and signed by Baldur Drob-nica DJ6SI - Consultant. Card shows the Station Power as 100 KW with a T-Antenna. Card also has the Radio Hargeisa Station Rubber Stamp on it. Shortwave country # 216 Heard and #191 verified. What a Surprise to go to the Mailbox today and see a QSL Card that had arrived from RADIO HARGEISA!!! This Station is officially located in the Radio Country of BRITISH SOMALILAND (SOMALIA), for Country Counting Purposes. Hargeisa was my 216th radio country heard and my 191st radio country verified on shortwave. I sent my Report via an employee of the German Consulate to Somalia via an address in GERMANY. Apparently this employee "BALDUR DROBNICA" is or was a Volunteer at the Station and also acts as their QSL Consultant. Baldur is also a

Ham Radio Operator and is DJ6SI licensed in Germany! Very happy to add this Tough Radio Country to my QSL Album! And thanks go to Mark Coody (ODXA Shortwave Editor) for alerting me to the fact that Radio Hargeisa had recently Re-Activated on Feb/11/2015. (Robert S. Ross-Canada/DXplorer) It can still be verified by writing a reception report to its consultant at the Somaliland consulate in Germany: Mr. Baldur Drobnica, Zedernweg 6, D-50127 Bergheim- Neu Istanbul. I received a beautiful QSL from their studio in Hargeisa from him, heard 27 Oct 2012. (Petersen-Denmark/DX Window)

SOUTH AFRICA 4895, Mar 9, -1724*, *South African R League*, via Meyerton English talk about U.S. HAM's, QRM AIR Kurseong until 1659*, then clear. English news about HAM equipment, 1718 interview about celebration of anniversary of South African R League featuring the listening conditions in year 1920, 1723 closing ann: "A.R. Today" 32/5233 (Anker Petersen-Denmark/SWBulletin)

SPAIN Latest frequency changes of *REE/RNE* from March 1

1500-1900 on 9620 NOB Spanish Sat/Sun
1500-1900 on 11940 NOB Spanish Sat/Sun
1500-1900 NF 15490 NOB Spanish Sat/Sun
1500-1900 NF 17755 NOB Spanish Sat/Sun
1900-2300 on 9620 NOB Spanish Daily
1900-2300 on 11940 NOB Spanish Daily
1900-2300 NF 15490 NOB Spanish Daily
1900-2300 NF 17755 NOB Spanish Daily
(DX Re Mix News, Bulgaria)

SRI LANKA 15360, *AWR* Trincomalee, F/D "Special QSL" "AWR Returns to Sri Lanka" cd in 35 days for \$2.00 and local postcard. V/S Adrian Peterson, SX Editor. Also received magnet and info on AWR DX contest. (Ross Comeau-MA/DXplorer)

SURINAME 4989.988, Mar 8, 0125, *R Apintie* with the same type of mx as our son brought back from his visit there last year. The music of Suriname is known for kaseko music, and for having an Indo-Caribbean tradition. As usual more or less just above noise level. (Thomas Nilsson-Swden/SWBulletin)

TAJIKISTAN 4765.06, *Tajik R 1*, Yangiyul, 0105-0115, Mar 13, Tajik talk, local string music and song, 44343. Weak QRM from R Progreso, Cuba. (Petersen-Denmark/DX Window) Also heard at

1825-1900, Mar 07 and 14, Tajik comments and songs, 24322. (Giroletti-Italy and Méndez-Spain/DX Window)

UNITED (DESPITE SCOTLAND) KINGDOM New program schedule out for the BBC Just-A-Few-Parts-Of-The-World Service. Looking forward to the new series *Holidays About Rodents*. Groundhog Day is my favorite time of year so will be fun to learn about new rodent-centric holidays. Among others, Paraguay has a Capybara Day and several places in Africa have celebrations about the Hairy-Footed Gerbil and the Naked Mole Rat. Tuesday 0830, 2030, Wednesday 1915, 2330. Also BBC will be repeating an old favorite from the 1990s, the ten part *History of Toothpicks*. Wednesday 0715 2130, Friday 0945. But we can't hear BBC in North America, anyway. So who cares? (Carson Humboldt/Blandx) Yes. But it is a good opportunity to buy a new box of toothpicks. Most of the ones in my box have been used five or six times by now. (sg/Blandx)

USA Global 24 Radio, cancelled from March 3

0000-2400 on 9395 English tx#06
(DX Re Mix News, Bulgaria)

TruNews and *Radio Paradise* from March 3

0000-2400 on 9395 English tx#06
(DX Re Mix News, Bulgaria)

Frequency schedule of *WWCR World Wide Christian Radio* from March 8

WWCR-1

0000-0100 on 6115 English
0100-0900 on 3215 English
0900-1000 on 15795 English
1000-1100 on 15795 Russian Sat
1000-1100 on 15795 English Sun-Fri
1100-1115 on 15795 English
1115-1130 on 15795 Arabic Mon-Fri
1115-1145 on 15795 English Sat/Sun
1130-1145 on 15795 Russian Mon-Fri
1145-1200 on 15795 English, co-ch CNR 1 vs AIR!!
1200-2100 on 15825 English
2100-2200 on 15825 Spanish Mon-Fri
2100-2200 on 15825 English Sat/Sun
2200-2400 on 6115 English
(DX Re Mix News, Bulgaria)

WWCR-2

0000-1200 on 5935 English
1200-1500 on 7490 English
1500-2000 on 12160 English
2000-2400 on 9350 English
(DX Re Mix News, Bulgaria)

WWCR-3

0000-0100 on 13845 English
0100-1300 on 4840 English
1300-2400 on 13845 English
(DX Re Mix News, Bulgaria)

WWCR-4

0000-0200 on 7520 English Tue-Sat
0200-0300 on 5890 English Tue-Sat
0300-0400 on 5890 English Tue-Sat Brother Stair
0300-0400 on 5890 English Sun/Mon
0400-1100 on 5890 English Brother Stair
1100-1200 on 5890 English Mon-Fri Brother Stair
1200-1400 on 9980 English Mon-Fri Brother Stair
1400-2200 on 9980 English Brother Stair
2200-2300 on 9980 English Mon-Fri Brother Stair
2300-2400 on 9980 English Mon-Fri
(DX Re Mix News, Bulgaria)

According to an internal FCC Enforcement Bureau (EB) memorandum, the Bureau plans to ask the full Commission to cut two-thirds of its field offices and eliminate nearly one-half of its field agents. At the same time, the Bureau would develop a so-called "Tiger Team" of field agents as a flexible strike force it could deploy as needed. In the March 10 memorandum to Enforcement Bureau field staff — obtained by ARRL and others — EB Chief Travis LeBlanc and FCC Managing Director Jon Wilkins cited the need to take "a fresh look" at the Bureau's 20-year-old operating model in light of technology changes and tighter budgets. (The ARRL Letter via Ron Hunsicker-PA) Good news for pirate operators? (RAD)

Saturday broadcast of *Mighty KBC Radio* will be cancelled in A15. (DX Re Mix News, Bulgaria)

VANUATU 3945.001, *Radio Vanuatu* at 1453 with dog barking, which seemed to have been a call for an emergency announcement. Fair level, but spoiled by hams at exactly 1500. (Walt Salmaniw-BC/DXplorer) Radio Vanuatu definitely missing last evening when I checked in the 0800 to 1000 period, Australian TV


news monitored last night was showing the heavy devastation around Vila. Hopefully the issue is just power supply as so much of the island group can only receive the shortwave signal. We are waiting for Cyclone Pam to reach Northland NZ from this afternoon — winds currently gusting to 35km and barometer falling fast. Rain will be welcome as we have had no decent falls this year to date. (Bryan Clark-NZ/SWBulletin)

On March 14, Vanuatu in the Pacific was hit by one of the worst tropical cyclones "Pam", gusting up to 330 kilometres/hour (= max. Category 5). The 65 islands of Vanuatu, which has 260,000 inhabitants, was totally devastated, inclusive the well heard *Radio Vanuatu*. 90% of the homes in the capital Port Vila were destroyed. (DX Window) Radio Vanuatu was also knock off the air. (RAD) 3945 R Vanuatu with poor signal on 3/21 from 1241 tune - noticeable improvement after 1300 with man and woman ancrs alternating to 1318. "You are listening to Radio Vanuatu" by woman at 1318. Female vocal selection at 1320. Hrd from Edmonton Perseus site. Well past scheduled 1215*. Signal not good enough to ID language in use, but Intonation suggested Pidgin. Up to S-3 lvl by 1315. (Bruce Churchill-CA/DXplorer)

VIETNAM *Voice of Vietnam* sent me a program schedule in English, a New Year's card plus a pocket calendar. (Marlin Field-MI)

YEMEN 6135, *Radio San'a*, San'a, 1803-1820, 18-03, English, "Welcome to our daily program", comments, mentioned various times "Yemen" and Yemeni", music. At 1820 eclipsed by Voice of Iran, signing on the same frequency. 23322. (Méndez-Spain/PlayDX)

High Frequency Coordination Conference (HFCC): Jeff White was selected as the new Chairman of the HFCC at the Oman meeting 1-5 Feb 2015 taking over from Oldrich Cip (ex chief engineer of Radio Prague), who had been the HFCC chairman since its formation in 1990. (WRMI Facebook Page)

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. Shortwave 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 before, during, and after forthcoming holidays including April Fool's Day on April 1 and Memorial Day at the end of May. These are traditional big holidays as defined by pirate broadcasting activity.

I was extremely surprised and honored to receive the Bill Eddings award at the Winter SWL Festival in Plymouth Meeting, PA. It was good to see many of you at this year's Fest.

Your pirate DX news and logs for this column are always welcome. Feel free to send them in so that others can follow trends on how and where others are hearing unscheduled and ever-changing pirate radio operations on shortwave, Pirate radio broadcasting on shortwave continues at a very brisk pace; mode is USB unless noted:

Captain Morgan Shortwave 6924.3 0108-0111 2/15/15 Poor to Fair. Prgm of rock mx w/Twilight Zone theme. (D'Angelo-PA)

Channel Z R. 6930 2243 2/15/15 Fair. End of winter prgm of rock oldies. (Ross-ON)

Channel Z R. 6950.7 AM 2245-0019 2/15-16/15 SIO=444. Prgm of spring and summer rock oldies. (Lobdell-MA)

Channel Z R. 6950.7 AM 2245-0019 2/15-16/15 SIO=444. Prgm of spring and summer rock oldies. (Lobdell-MA)

Cupid R. 6930 *2358-0008* 2/7/15 Fair to Good. Euro w/prgm of rock mx. (Ross-ON)

Enterprise R. 6925 0023-0045+ 2/7/15 SIO=454. Somebody relaying an old classic R. F. Burns Hall of Fame prgm of rock mx and comedy. (Lobdell-MA)

Enterprise R. 6950 AM 0128-0200 3/15/15 SIO=232. A Duran Duran tune in QSO QRM. (Lobdell-MA)

Hard Tack R. 6930 *2358-0008* 2/8/15 Very Good. Prgm of Civil War mx & stories. (D'Angelo-PA)

Insane R. 6939.3 AM 0116 2/28/15 Poor to Fair. Prgm of rock mx. (Taylor-WI)

Laser Hot Hits 6925.3 AM 0116 3/1/15 Fair. Prgm of rock & dance mx. (Taylor-WI)

Liquid R. 6770 AM 0153-0238* 2/22/15 Good. Prgm of dance mx. (Taylor-WI)

LRA 6770 AM 2313-0045* 2/9/15 Fair to Good. Prgm of rap mx and discussion between two Oms with long periods of dead air. (D'Angelo-PA)

Old Time R. 6770 AM 0317-0330* 2/9/15 Fair. Still largely an unknown station with a relay of an old Amos & Andy radio prgm sponsored by Camel Cigarettes. (D'Angelo-PA)


Old Time R. 6770 AM 0320 2/22/15 Good. Still largely an unknown station with a relay of an old comedy radio show. (Taylor-WI)

Old Time R. 6770 AM 0233 2/23/15 Poor to Good. Still largely an unknown station with a relay of an old comedy radio show. (Taylor-WI)

Old Time R. 6770 AM 0107 3/21/15 Poor. Still largely an unknown station with a relay of an old radio comedy w/a rendition of Jingle Bells. (Taylor-WI)

Pioneer AM 6803 AM 0009-0115* 3/15/15 SIO=232. Euro w/prgm of mainly rock mx. (Lobdell-MA)

Pirate Clip R. 6924.7 AM 2305-2325+ 3/16/15 SIO=232. Prgm of clips de other pirates such as WMPR, MAC, and others. (Lobdell-MA)

- Premier R.** 6240 AM 2229-2235* 2/7/15 SIO=343. Irish Euro w/prgm of classic rock mx. (Lobdell-MA)
- R. Batavia Holland** 3930 0015-0102+ 3/15/15 Fair in QRM. Euro w/prgm of classic pop mx. (Lobdell-MA)
- R. Clandestine** 6925 0023-0045+ 2/7/15 SIO=454. Somebody relaying an old classic R. F. Burns Hall of Fame prgm of rock mx and comedy. (Lobdell-MA)
- R. Free Whatever** 6935 AM 2340-0037 3/16-17/15 SIO=333. Dick Weed and Staviv w/prgm of rock mx. (Lobdell-MA)
- R. Marabu** 6254 AM 2157-2207* 2/7/15 SIO=222. Euro w/prgm of oldies pop mx and GG IDs. (Lobdell-MA)
- R. Ga Ga** 6940 DSB 2320-0011* 2/7-8/15 SIO=343. Prgm of classic hard rock mx de Zipper Lake. (Lobdell-MA)
- R. Marabu** 6255 AM 2346-0205* 3/14-15/15 SIO=454. Euro w/prgm of GG and EE rock mx. (Lobdell-MA)
- R. Tango Italia** 6300.4 AM 2359-0010 3/14/15 SIO=222. Euro w/prgm of tangos, pop, and classical mx. (Lobdell-MA)
- R. True North** 6950 0245-0330* 2/28/15 Fair. Rock mx prgm. (Taylor-WI)
- Renegade R.** 6925.2 0134 3/22/15 Fair. Rock mx prgm. (Taylor-WI)
- The Crystal Ship** 6875.7 AM 0225-0240* 2/9/15 Good. The poet w/a prgm of 1980s mx. (D'Angelo-PA)
- The Crystal Ship** 6951 0124 2/23/15 Fair. 1970's mx plus a funny preacher. (Taylor-WI)
- The Crystal Ship Relay Network** 6876 0224-0117* 3/13/15 SIO=454. "Bubblegum Express" show w/The Poet. (Lobdell-WI)
- The Station without a Name** 6875.7 AM 0225-0240* 2/7/15 SIO=444. Prgm of country mx said to be bcsting de Abu Dahbi. (Lobdell-MA)
- WAZU** 6925 2305-2315+ 2/7/15 SIO=454. Fearless Fred w/a classic prgm of rock mx & comedy. (Lobdell-MA)
- Wolverine R.** 6950 2305-2315+ 2/15/15 Very Good. Prgm of Valentine songs. (Taylor-WI)
- Wolverine R.** 6950 0105-0130+ 2/15/15 Very Good. Prgm of oldies rock w/SSTV digital at close. (Clark-PA)
- Wolverine R.** 6940 0147 3/1/15 Very Good. Mx prgm w/digital SSTV at close. (Taylor-WI)
- XFM** 6925 AM stereo 0335-0517* 2/8/15 SIO=343. Rock mx prgm w/live TCs. (Lobdell-MA)
- XLR8** 6925 0142-0200* 1/12/15 SIO=232. Prgm of rock mx w/ID at close. (Lobdell-MA)
- XLR8** 6925 0113-0141* 2/11/15 Good. Prgm of classic rock mx w/ID at close and some SS OMs QRM. (Hauser-OK)
- XLR8** 6925 0107 2/17/15 Good. Prgm of mx. (Hauser-OK)
- XLR8** 6925 0058 3/18/15 Poor. Prgm of electronic mx. (Taylor-WI)
- WEAK** 6925 0058 2/15-16/15 Very Good. Rock oldies mx said to be John T. Arthur's second favorite stn. (Ross-ON)
- WEAK** 6925 2325 2/15/15 Very Good. Prgm of rock & comedy w/YL ancr. (Ross-ON)
- WMID** 6925 0058 2/15-16/15 Very Good. Rock oldies mx said to be de John T. Arthur's second favorite stn. (Ross-ON) 

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

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

Maser. The time code is same as DCF-77. The time code error is less than 0.001 s at the transmitter. Our transmission serves mainly as an accurate frequency reference at the technical campus area of Otaniemi, Espoo, but is available in large areas around Helsinki. The transmitter is official and has a license from the Finnish Communications Regulatory Association. The antenna is a quarter sloper. (D'Angelo-PA).

GERMANY: Radio Amigos 7365 via HCJB Weenermoor

The station verified my rpt. w/ a nice package of goodies including a personal ltr. and a "Control Room" cd. in 66 ds. from v/s Mark-Torsten Wardein, Chefredakteur (editor in Chief of the station), several German language brochures and an English language publication called "Voice and Hands" which featured Reach Beyond News formerly HCJB Global. (D'Angelo-PA).



STATION NOTES: Evangelische Missions Gemeinden 6055

Addr: Jahnstrasse 9, DE-89182 Bernstadt, Germany.
Freie Volksmission Krefeld 5945 v/s Peter Vitsek,
Technical Department. Addr: PF 100707, DE-47707 Krefeld, Germany. Email: peter.vitsek@freie-volksmission.de

FEDERAL RADIO CORPORATION OF NIGERIA, IBADAN ZONE

IRG/OPS/NSLI/

Date 25th Feb. 1984

SAMUEL L. BORTO
H.T. PROSPECT PLACE
BRISTOL
CONNECTICUT
U.S.A. 06910

Dear Sir,

RECEPTION REPORT

Your letter dated 21st May, 1983, refers.

We received your report of our Station on 6050KHZ, and your logging in respect of our programmes within 2270-2320 UTC agrees with that of our Station.

We normally transmit daily on:

- (1) 576KHZ with NEC 50KW Medium-Wave transmitter between 0530-0005 UTC.
- (2) 657KHZ with Harris 100KW Medium-Wave transmitter between 0530 - 10.03 UTC and 12noon - 1930 UTC.
- (3) 6050KHZ with Harris 50KW Short-Wave transmitter between 0530 - 0005 UTC.
- (4) 93.538MHz with NEC 100 Watts FM transmitter between 0530-005 UTC for listeners in Ibadan only.

The aerials are Mast radiator for Medium-Wave, log-periodic for Short-Wave; and Ring for FM.

Wishing you a happy listening.

Yours faithfully,

M. A. GANIYU
M. A. GANIYU

For: Assist. Director (Technical Services).

RADIO
R S A

de Missionwerk
Friedensstimme
11840 v/s
N. Berg.

Addr: same as the first station above.

MV Baltic Radio
6045 Addr: RBW, Svitrigallos Str., 11A, Office 211, Vilnius LT-03228, Lithuania..via PLAY DX...Sam.

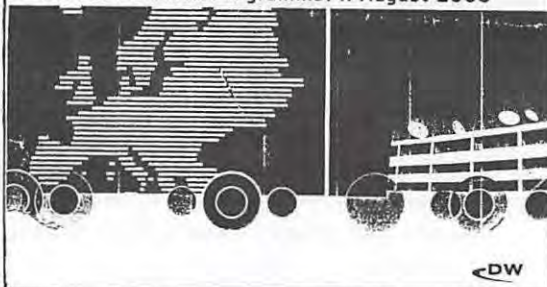
INDIA: All India Radio

11620 via Bangalore
The station verified my email rpt. w/ a f/d "Hand Drawn Map of Humayun's Tomb Complex, New Delhi" cd. in 109 ds. v/s Director of Spectrum Management & Synergy. (D'Angelo-PA) 13695 f/d "Temple Carvings" cd. in 3 mos. (Amoroso-PA)...Welcome and thanks for the contribution...Sam.

PHILIPPINES: Voice of America 9800 via the IBB Transmitting Station
f/d "Curtain Antenna" cd. in 85 ds. direct from the station. (D'Angelo-PA).

DW-RADIO

Start des Belarus-Programms: 1. August 2006



ROMANIA: Radio Romania International 17765 f/d "Alba Iulia Citadel" cd. in 67 ds. n/ two station stickers and a pocket calendar. (Roe-UK).

SIKKIM: All India Radio * 4835 via Gangtok f/d cd. in 2 wks. for a taped rpt. and \$3.00. (Smith-MA).

SWEDEN: Radio Nord Revival * 9295 The station verified my postal rpt. n/ a f/d "Microphone" post card in 142 ds. for rp. The station indicated a power of 10 Kws. v/s QST Manager. (D'Angelo-PA). rpt. to: www.entri.com/

USA: Wewn 11520 f/d cd. in 18 ds. for an online radio/monitoring form.htm. (Roe-UK).

USA (Pirate): Hard Tack Radio 6930 The station verified my email rpt. n/ a f/d cd. in 2 ds. noting: "Thank you very much for listening and

MEĐUNARODNI
Radio Srbija
www.glassrbije.org

STATION NOTES: Radio Rossii 7215 via Taldom / Moscow Email: rc-3buch@mail.ru v/s Andrey Shaydurov. Sonnet Radio Europe Email: sonnetradio@hotmail.com Time Radio 6210 Email: time.radio.shortwave@gmail.com Tower Radio 6200 radiotower@home.nl

WCS Radio Waves International 6325 v/s Peter Hills & Philippe. Addr: P.O. Box 130, FR-92504 Rueil CEDEX, France. Email: rwaves@free.fr Wizard Shortwave Radio 6296 Email: wizardshortwave@gmail.com Radio Wrinter International 12257 Email: radio@wrinternational.co.uk. This may be Week End Radio...not sure...Sam. Zender Bison 6300 Email: radio97.1@hotmail.com...via PLAY DX...Sam.

MEDIA BROADCAST



"Brodowsky, Walter"
walter.brodowsky@media-broadcast.com
12/06/2010 03:38 AM

To: "rdangelo@firstenergycorp.com" <rdangelo@firstenergycorp.com>
cc: "rdangelo3@aol.com" <rdangelo3@aol.com>, "Behring, Volker" <volker.behring@media-broadcast.com>, Putz, Michael <michael.putz@media-broadcast.com>
Subject: AW: Reception Report: WRFM-Radio Miami International on 1 December 2010 from 0540 to 0600 UTC on a frequency of 7.350 kHz from Werlatal, Germany

Good Morning Richard.

Thank you very much for your kind reception report regarding this transmission of Radio Miami International towards Nigeria which we would like to confirm and which we forwarded to our customer, too.

The transmission has been broadcasted by using a 100kW transmitter at Werlatal in combination with a HP 4/4/0.8 antenna system towards Nigeria on azimuth 180°. The broadcasting time is Monday - Friday between 05:30 - 06:00 UTC

Thank you very much for listening to a transmission of one of our customers.

Best regards
Walter

Walter Brodowsky

sending a reception report to us. This was our twelfth show in which we play the songs from the American Civil war. We are glad you enjoyed the show. (D'Angelo-PA).

UZBEKISTAN: NHK World Radio Japan 11695 f/d cd. in 21 ds. for an online rpt. (Roe-UK).

Well we got some verie nice QSLs this month.

See you all next time.

Sam
31955

Contributors' Page

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

- Rick BARTON**, El Mirage, AZ
R8, HQ-200, HQ-120x, SP-600, HQ-140x, outdoor wires, slinky
- Bob BROSELL**, WI
NRD-545, Eton E1, Sony ICF SW 77
- Ross COMEAU**, Andover, MA
R8, 60' LW
- John COOPER**, Lebanon, PA
WR-G33DDC, SDR-IQ, Sat 750, PL-660, ALA1530+, SWL sloper
- Rich D'ANGELO**, Wyomissing, PA
RX340, R8B, E1, E5, Alpha Delta DX Sloper
- John & Sandra DAVIS**, Columbus, OH
R-390 & 391As, Mackay 5050A, WJ HF-1000A, 42' Windom, 16' end fed
- Mick DELMAGE**, Lamont, ALB
Perseus SDR, antenna farm
- Jim EVANS**, Germantown, TN
R75, RX340, E1, ICF-SW7600G, G6, 90' lw, ALA100M
- Elliot FEINBERG**, Brooklyn, NY
Sangean ATS-909, Tecsun PL-660, indoor whip
- Marlin FIELD**, Hillsdale, MI
NRD535D, long wire
- John FIGLIOZZI**, Sarasota, FL
HF150
- Glenn HAUSER**, Enid, OK
FRG-7, DX-398/ATS-909, YB400, ICF SW-07
- Vince HENLEY**, Anacortes, WA
PL-380, NRD-525, Draker8B, Alpha-DeltaDXUltra, whip no equipment listed
- Ron HUNSICKER**, Wyomissing, PA
NRD-515, Perseus, TS450AT, ALA1530AL-2, AD Sloper
- Mike NIKOLICH**, Lake Barrington, IL
Grundig Sat 800, Eavesdropper
- Sheryl PASZKIEWICZ**, Manitowoc, WI
R8B, NRD-545, E1, 355' bi-dir LW
- Ralph PERRY**, Wheaton, IL
Winradio g313e, E1, Sat 800, Flexenna, EWE, Eavesdropper
- Mark TAYLOR**, Madison, WI
535D, R8, IC746Pro
- Robert WILKNER**, Pompano Beach, FL
R8B, 25x50 E/W superloop
- Stephen WOOD**, Harwich, MA




2000-5900 kHz

Tropical Band Loggings

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

- 2325 **AUSTRALIA VL8T** Tennant Creek 1058 M & W banter to 1105; 2/28. (Wilkner-FL) 1125 Pop mx; W ancr; poor; 3/12. (Figliozzi-FL) 1100-1115 EE nx re cyclone hitting Pt. Vila, Vanuatu; surprisingly strong sig, especially since none of the PNGs were audible in 90m; 3/14. (Nikolich-IL)
- 2485 **AUSTRALIA VL8K** Katherine 1145-1159 M & W banter into mx; pop rock vcl; 2/27. (Wilkner-FL) 1100-1115 Almost as strong as //2325 w/ identical nx prgrming; 3/14. (Nikolich-IL)
- 2850 **NORTH KOREA V. of Korea** Pyongyang 1145 Choral mx; fair; 3/9. (Barton-AZ) 1225 Classical mx; v. good; 3/15. (Delmage-AB)
- 3250 **NORTH KOREA V. of Korea** Pyongyang 1315 Patriotic choral mx; fair; // 3320-?, that stn is listed as Pyongyang BS, but was running // prgrming; 3/3. (Barton-AZ)
- 3290 **GUYANA GBC** Georgetown 0654 VoG attains poor-fair carrier lvl, but just barely modulated; (P) w/ BBCWS; 2/27. (Hauser-OK) 0927 "Leaving on a Jet Plane", "When Will I see You Again"; M & W chat re "the debt owed 0"; brief ad/ancment at 0931; more talk; no ute on top of sigl for once; faded at 1030; good lock on the R8 synchro; 2/28. (Wilkner-FL) 0400 Time pips into BBC nx; marginal sig; 3/15. (Delmage-AB) 0505-0520 EE nx; many IDs; what a pleasure to hear VoG, almost as strong as CHU; I need to get a recording of these guys; 3/15. (Nikolich-IL)
- 3290 **PNG R. Gadona** Port Moresby 0917 (P); EE country mx prg w/ M ancr between selections; poor; 3/15. (Cooper-PA)
- 3320 **NORTH KOREA Pyongyang BS** Pyongyang 1410 Soprano vocalist; f-g; 3/8. (Barton-AZ)

- 3345 **INDONESIA RRI Ternate** 1241 (P); V. poor w/ talk; 1252 losing but still detectable by 1300; no doubt it's RRI Ternate, as heard the day before, much better by R. Howard & W. Salmaniw on the west coasts; measured 3344.85 or 3344.864; they were also getting 3325 RRI Palangkaraya, but I can't detect even a carrier from that today; maybe off again?; 3/11 they both closed around 1502-1503*; 3/12. (Hauser-OK)
- 3375.1 **BRAZIL R. Municipal** São Gabriel da Cachoeira 1001-1010 M anc in PP noted during band scan; 2/28. (Wilkner-FL)
- 3925 **JAPAN R. Nikkei 1** Tokyo-Nagara 1425 M & W anc in JJ dialogue; f-g, well after my lcl sunrise; 3/8. (Barton-AZ) 1206 W anc in JJ; fair; 3/10. (Brossell-WI) 1116 Pulsing dance mx w/ W anc; fair; //6055-fair; 3/15. (Taylor-WI) 1238 M & W anc in JJ; exc.; [date?-ed.]. (Delmage-AB)
- 3945 **JAPAN R. Nikkei 2** Tokyo-Nagara 1320 "Yesterday's favorites"; W anc in JJ at ToH & sudden tx cessation at 1401; 3/5. (Barton-AZ)
- 4055 **GUATAMALA R. Verdad** Chiquimula 0435 Hymns & ancments in SS; fair; 2/16. (Brossell-WI) 0343 Banjo variations on favorite theme "Workin' on the Railroad"; seguE some other song; rough modulation somewhat distorted; Feb 25 will be exactly one sesquidecade after R. Verdad's first txmission; 2/20. (Hauser-OK) 1040 Relg mx; 1041 M anc in SS; 1043 back to mx; poor; 3/4. (Cooper-PA) 1207 W singing hymn; strong, but slightly distorted audio; good; 3/12. (Figliozzi-FL) 0215 Sounded like a DX prg w/ clips from Radio London & mention of Veronica; Radio Atlantic & other old Euro pirate stns; confirm that this was probably Antena DX, from Panama as per Glenn Hauser; v. good; [date?-ed.]. (Delmage-AB)
- 4450 **SOUTH KOREA V. of the People** Kyonggi-do 1057 (T); Choral/martial mx w/ W anc between selections; 1100 M anc in (P) KK; I can't detect any other stn or mx underneath this; so I would (P) this is N. Korean jamming of this stn; poor to JBA; 2/24. (Cooper-PA) 1415 Monologue w/ W in KK & well over top of any jamming; v.good; 3/9. (Barton-AZ)
- 4700 **BOLIVIA R. San Miguel** Riberalta 2350 M anc in SS to 0000; difficult sig; 2/26. (Wilkner-FL)
- 4716.65 **BOLIVIA R. Yura** Yura 1020-1025 W vocalist; 2/28. (Wilkner-FL)
- 4747.6 **PERU R. Huanta 2000** Huanta 1047 (T); W & M anc over mx; 1055 (P) ad/promo; poor; 3/4. (Cooper-PA)
- 4765 **CUBA R. Progreso** 0341 Good sig & modulation lvl, but distorted; 2/20. (Hauser-OK) 0135 LA mx w/ brief anc between selections; poor; 2/22. (Cooper-PA) 0230-0325 Nice LA mx prg hosted by M anc w/ SS talk & periodic IDs; good; 2/22. (D'Angelo-PA) 0358 SS mx & ancments; f-g; 3/2. (Brossell-WI)
- 4774.9 **PERU R. Tarma** Tarma 1102 (T); M anc in (P) SS; mx bridge & more talk; JBA; 3/4. (Cooper-PA)
- 4775 **SWAZILAND TWR** Manzini 0340 TWR music-box IS stands out against the CODAR, even tho at poor sig lvl; 0342 into talk in (P) Lomwe as sked daily for 16 more minutes, 50 kW at 3 degrees azimuth; 2/20. (Hauser-OK)
- 4800 **CHINA CNR-1** Geermu 1240 talk in CC; poor w/ pulse QRM; 2/20. (Brossell-WI)
- 4835 **AUSTRALIA VL8A** Alice Springs 1221 Country mx under static & noisy conditions; f-p; 2/26 & 3/9. (Brossell-WI) 1118 W anc w/ mx prg; 1129 ID followed by nx; poor; 2/24. (Cooper-PA) 1110 (P); Two M anc in EE; sounds like they are talking about a Cricket game that is going on live; poor; 3/4. (Cooper-PA) 1242 Talk re pension plans; good; 3/15. (Delmage-AB) 1158 Clear "ABC Local Radio"; ID by W anc in EE, into hard rock guitar & vcl; fair; 3/12. (Figliozzi-FL)
- 4835 **AUSTRALIA. ABC NT Service** - Alice Springs heard at 1221 on 3/9/15. a mix of Country hits and ballads, including Eric Clapton's "Will I See You in Heaven." Fair. (Brossell, WI)
- 4870 **INDONESIA RRI Wamena** 1226-1257 Group vcls & ancments; W anc in listed Indo; soft mx followed; fair; 3/4 & 11. (Brossell-WI) 1248 Typical RRI prgming of soft rock/pop mx w/ W anc; still in nicely past 1325; 3/16. (Delmage-AB)
- 4875 **BRAZIL R. Difusora Roraima** Boa Vista 0305 Up-beat Brazpops; poor; 2/26 & 3/4. (Cooper-PA) 0336-0356* Prg of mainly Brazilian pop/love songs; W anc in PP w/ IDs & short ancments; closed w/ Elton John's "Your Song" followed by M anc w/ ID & closedown ancments; carrier cut while another M began talking; fair; 3/14. (D'Angelo-PA)
- 4885 **BRAZIL R. Clube do Para** Belem 0609 Lively Brazilian mx vs CODAR; back to 24-hour svc after missing a week or so; at 0710 some ads mentioning Par; the other 4885 ZY, in Rio Branco, is listed in WRTH as 0900-0400; 3/6. (Hauser-OK) 0821 M anc w/ prg of lively mx; fair; 3/6. (Taylor-WI)
- 4915 **BRAZIL R. Daqui** Goiânia 0000 Rock mx; (P) R. Daqui ID; some mx in EE; horn honking at 0029; 2/27. (Wilkner-FL)
- 4915 **BRAZIL R. Difusora de Macapa** Macapa 0133 Prg of Brazilian pop mx w/ M anc; fair; 3/7. (Taylor-WI)
- 4920 **INDIA AIR Chennai** 1300 W anc in listed Tamil; fair but clear w/ SC mx added; 2/17. (Brossell-WI)
- 4925 **BRAZIL R. Educação Rural** Tefe 1030 (P); Two W anc in conversation; 1031 M vcls; poor; 3/15. (Cooper-PA)

- 4930 **BOTSWANA VOA** Moeping Hill 0432 VOA News Now; // 4960-Sao Tome; fair on both freqs; 2/16. (Brossell-WI)
- 4939.9 **PERU R. San Antonio de Atalaya** Ucayal 2350-2355 (T); Noted here in SS; v. weak; 2/19. (Wilkner-FL)
- 4940 **CHINA V. of the Strait** Fuzhou s1215-1254 Aninated W anc; instrumental mx featuring flutes; ancments in CC at 1255; good; 2/17 & 23. (Brossell-WI) 1134 Classical style mx; brief M & W ancrs at 1145; 1200 time pips; W anc w/ (P) nx; fair; 2/24. (Cooper-PA) 1151 W in CC; fair but stacy sig; 3/12. (Figliozzi-FL) 1245 CC mx & ancments; vg-exc.; 3/15. (Delmage-AB)
- 4950 **ANGOLA R. Nacional** Mulvenos 0050 M anc in PP; Weak, but audible due to relatively quiet conditions; this one is not a regular visitor at my QTH; 2/16. (Brossell-WI)
- 4985.5 **PERU R. Voz Cristiana** Huancayo 1120-1125 M anc w/ SS mx & talk; no RTTY interference; 2/28. (Wilkner-FL)
- 4990 **SURINAME R. Apintie** Paramaribo 0945-0955 M anc in lang; deep fades; on the air per D. Valko log; 2/28. (Wilkner-FL) 0548 pop/rock mx; lots of IDs; poor; 3/15. (Delmage-AB)
- 5010 **INDIA AIR Thiruvananthapuram** 1259-1314 M anc in listed Malayalam; poor; 2/17 & 24. (Brossell-WI)
- 5020 **SOLOMON ISLANDS SIBC** Honiara 1132 (T); Faint, but M anc & instrumental mx, audible thru Rebelde splatter; no ID possible, though; poor; 3/12. (Figliozzi-FL)
- 5025 **CUBA R. Rebelde** Havana 0141 M vcls w/ a heavy bass beat; good; 2/22. (Cooper-PA)
- 5040 **CUBA RHC** Havana 0041 RHC in FF, having shifted one hour earlier before DST began & (P) paired w/ Creole at 0000-0030; 3/14. (Hauser-OK)
- 5085 **USA WTWW** Lebanon 0647 WTWW-2 back on; rock mx & Ted reverbing from the bottle-of-the-barrel, saying he can't remember something about the mx; 2/23. (Hauser-OK)
- 5109.8 **USA WBCQ** Monticello 0308 Measuring WBCQ since last night it was on exactly 5111.0; I wonder if these are two different txmitters or a single one which won't stay put; 3/8. (Hauser-OK)
- 5865 **KUWAIT R. Farda** 0317 Pop like mx w/ M vcls; 0323 EE rock mx; fair; 2/26. (Cooper-PA)
- 5875 **THAILAND R. Thailand** Udon Thani 1116 W anc in listed Cambodian between mx bridge; good; 3/4. (Cooper-PA) 

5901-30000 kHz

International Band Loggings

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

- 5965 **CHINA China Radio Int'l** from Beijing in Russian. 1546-1557 Feb 28. Female commentator in Russian, some background MX. Rapid QSB and moderate QRN, but quite listenable signal. Farewell announcement at 1555 with Chinese ethnic MX and carrier off air at 1557. (Henley, WA)
- 5965 **CHINA China Radio Int'l** in Russian, March 9 1548-1557 M & F commentators in RR. Chinese vocal music and sign-off at 1555. Chinese theme MX continuing until 1556 when carrier was shut down and off the air. Good signal with some light QRN and QSB. (Henley, WA)
- 5965 **CHINA China Radio Int'l** from Beijing site in Russian. March 5 1554-1557 Strong signal, talk in RR, MX and songs with "goodbye" in RR at 1555. Carrier off air at 1557. (Henley, WA)
- 5970 **BRAZIL Radio Itatiaia** Belo Horizonte, 2331-2335. Talk in Portuguese between two men. Moderate signal strength with minor fading. 3/6/2015 (Evans - TN)
- 6050 **ECUADOR HCJB** Feb 20 at 0337, slow English talking about Ravi Shankar, some modulation distortion. So HCJB is still running the 'Spotlight' quarter-hour in specialish English amongst all the Spanish and Kichwa (Hauser-OK)
- 6050 **LIBERIA ELWA** Monrovia (presumed), 2332-2400*. Two stations heard on 6050, both weak with fading. Classify this log as very tentative. 2/24/2015 (Evans - TN)
- 6070 **CANADA CFRX** 1343 to 1348 with an ID for the parent station "CFRB 1010" at 1347, I heard part of an interview with a man who is going to have a new television show on Canadian television beginning next week, (Davis-OH)
- 6070 **CANADA CFRX** 2/23, 0720. "Here on news/talk ten-ten". "Fire Monitoring of Canada", and other local spots, to "Mike Bullard's Beyond the Mike". Excellent Rx. + (Barton-AZ)
- 6145 **CHINA CNR1** domestic broadcast. March 5 1619-1626 MX and talk. // 6125, 7570, 9200, 11720 and 11945 (Henley, WA)
- 6155 **BELARUS Radio Belarus** Minsk/Kalodzicy (Presumed), 2237-2300*. Talk in what appeared to be Russian by a woman, occasionally joined by a man. Music at 2250 followed by talk by a man at 2253. Music again at 2257, possibly national anthem. Announcements at 2259. Gone at 2300. 2/18/2015 (Evans - TN)

- 6160 **CANADA CBC1** "The Current" from Vancouver in EE March 9 1557- 1614. //690 AM and 90.5 FM locally. Discussion of Canadian armed forces involvement in the Middle East wars. Excellent signal. (Henley, WA)
- 6160 **CANADA CBC Radio 1** from Vancouver in EE. 1613-1619 Feb 26. //690 AM locally. Interview about a child custody case and a traffic report for metropolitan Vancouver. Excellent signal. (Henley, WA)
- 6600 **SOUTH KOREA CLANDESTINE Voice of the People** tentative, 1140 to 1146 with no understandable station ID, Korean. SINFO=25342, I believe I was hearing a broadcast to North Korea, I heard both a male and female announcer, the overall merit was downgraded, because of the weak signal (Davis-OH)
- 6875 **PIRATE (No. Am.) Boombox Radio** 6.875.75 AM FEB 14 UTC 2220 + Boombox was booming in with an excellent signal and plenty of electronica including "Dreaming" by Smallpools. OM made several IDs and announced a Best of 2014 show. (Comeau-MA)
- 6924 **PIRATE (No. Am.) Captain Morgan Shortwave** USB 0108-0111* Feb 25, male rock 'n' roll vocal prior to Twilight Zone theme music and multiple IDs and captainmorganshortwave@gmail.com e-mail address for reception reports. Poor to fair signal. (D'Angelo-PA)
- 6940 **PIRATE (No. Am.) Fredric Chopin Radio** 0153-0203* Mar 2, classical piano music until 0202 when a male announcer gave the station ID followed by instrumental music until the carrier was terminated. Poor to fair. (D'Angelo-PA)
- 6940 **PIRATE (No. Am.) Wolverine Radio** 0207-0213* Mar 8, rock vocals with closedown ID by a male announcer: "Wolverine Radio ... radio ... radio." Closed with slow scan sound effect. Good signal. (D'Angelo-PA)
- 6950 **PIRATE (No. Am.) XLR8** USB FEB 11 UTC 0113-0129 various musical selections including The Kinks All Day and All of The Night, and a bluegrass -style song, along with occasional XLR8 IDs and signoff at 0129. Fair-poor with lots of noise. (Comeau-MA)
- 7120 **SOMALIA Radio Hargeisa** Somaliland, *0330-0435 Feb 19, Horn of Africa musical opening followed by a man announcer with Somali language talk and another man with a recitation. Fair although slipping after 0400 as amateurs picked up steam marring reception. (D'Angelo-PA)
- 7120 **SOMALILAND Radio Hargeisa** Hargeisa, 0327-0340. Carrier at 0327 tune-in. Music at 0330 followed by announcements by a man in presumed Somali. Koran recitation at 0332. Talk by a man at 0335. Weak to moderate signal strength with fading, improving over time. 2/17/2015 (Evans - TN)
- 7205 **SUDAN Sudan Radio** Khartoum @0325 w/M in AA, Koran readings, then W in AA followed by short instrumental pieces introducing a popular program of some sort. Good-Excellent w/ minimal fading. (Figliozzi, FL)
- 7205 **SUDAN Radio Omdurman** 0335-0420* Feb 19, Man announcer with Arabic language talks hosting a music program with great vocal selections. ID at 0359 followed by time pips another ID and news. Quick announcement at 0420 before carrier was terminated. Good signal. (D'Angelo-PA)
- 7205 **FRANCE Radio France Int'l** Issoudun, 2123-2142 Feb 21, French language program with a male announcer talking at length until music segment ending feature. Woman announcer with ID followed by a discussion program with several men and woman. Fair. (D'Angelo-PA)
- 7220 **CHINA China Radio Int'l** from Jinhua in Japanese March 5, 1543-1553 M & F commentators, conversational program format. Ethnic instrumental MX at 1548-1551 and back to talk program at 1552. Direction/antenna switch at 1553 followed by carrier off air. Very strong and clear signal with easy copy, no QRN or QSB (Henley, WA)
- 7220 **ROMANIA Radio Romania Int'l** 2349 to 2356 with an ID as RRI at 2356, SINFO=55555, I heard about future broadcast times, target areas, and frequencies (Davis-OH)
- 7235 **PHILLIPINES Voice of America** 1241 to 1245 with no understandable ID, the program was in Korean, SINFO=32532, I heard a Frank Sinatra song. (Davis-OH)
- 7240 **TURKEY Voice of Turkey** (VOT), 0414 to 0419 with an ID at 4:18, SINFO=53343, but the audio seemed weak, and there was intermittent interference from a ham radio operator, the news ended at 4:15. (Davis-OH)
- 7300 **CHINA CNR1** in Chinese. 1600-1613 Feb 26 Very strong signal with MX and talk, apparently "local" rather than international programming. Female commentator. // 7385, 6175, 6145, 6125 and 6075. (Henley, WA)
- 7340 **ROMANIA Radio Romania Int'l** (RRI), 0431 to 0442 with an ID at 0442, SINFO=33433, I heard an interview with the woman who wrote the thriller (book) called Code Name Argon, she is an interesting person, (Davis-OH)
- 7375 **GERMANY The Mighty KBC Radio** Nauen, 0130-0159* Feb 22, returned to the shortwave spectrum with usual rock music programming format with several station IDs, jingle IDs and numerous ads for KBC Imports. Had a digital segment with Kim Andrew Elliott at 0131. Off after a final ads without any announcements. Good signal. (D'Angelo-PA)

- 7465 **SINGAPORE BBC** World Service in EE March 5 1520-1542. News. Story of Chinese rebels crossing border into Myanmar and fighting regime there, apparently assisted by Chinese government officials. (Henley, WA)
- 7470 **MONGOLIA Radio Free Asia** tentative, 1206 to 1211, but there was no understandable ID, Tibetan, and SINFO=25342, I was able to ID the station from the information in Short-Wave Info. (Davis-OH)
- 7475 **KUWAIT Radio Free Europe** 2122-2159* Mar 1, Russian language program with talk by man until 2130 ID followed by woman announcer hosting news features. Program closed at 2157 followed by several announcements and IDs. Good signal with some CW slop. (D'Angelo-PA)
- 7510 **THAILAND BBC** Nakhon Sawan, 0039-0059* Feb 25, talk by two male announcers in listed Bangla language. Transmission carrier cut mid-sentence. Poor. (D'Angelo-PA)
- 7570 **UNITED STATES WRMI** Okeechobee, 0300-0359 Mar 8, repeat of the Shortwave Shindig hosted by David Goren from the Winter SWL Festival. Great program featuring Rich Cuff, John Figliozzi, Jeff White, Mike Rohde, Marie Lamb, Bob Zanotti and many others. Fair signal. (D'Angelo-PA)
- 9390 **THAILAND Radio Thailand** WS Udon Thani, 1323 in Mandarin w/instrumental
- 9395 **UNITED STATES WRMI** WRN, Global 24, Polish Radio, 1919 to 1933 with an ID at 1932, SINFO=35544, I heard a brief history and description of the oldest town in Poland. (Davis-OH).
- 9395 **UNITED STATES WRMI** WRN, Global 24, Radio France Int'l (RFI), 0655 to 0700 with an ID at 0700, SINFO=35544, some people in Nigeria are arguing with Chevron Oil about how much money it will cost to clean up an oil spill, Chevron is refusing to make "any" payments. (Davis-OH)
- 9395 **UNITED STATES WRMI** WRN, Global 24, Deutsche Welle (DW), 0701 to 0706 with an ID at 0705, SINFO=35544, more information on Greece's desire to roll-back their loan interest rates to various European countries, especially Germany. (Davis-OH)
- 9395 **UNITED STATES Global 24 Radio** w program from Swiss Radio Int'l with interview with a musician who is also a ham radio operator. Fair signal 2/23/15 (Feinberg-NY).
- 9400 **MOLDAVA Radyoya Denge Kurdistan** tentative, 0452 to 0501 with no understandable ID, Kurdish, SINFO=35333, this is a broadcast to the Kurdish areas of the Middle East, I heard several different songs, and then a male announcer,
- 9420 **GREECE Helliniki Radiophonia** tentative, 1934 to 1946 with no understandable ID, but my information agrees with what was found on Short-Wave Info, Greek, SINFO=35444, I tuned in to a folk song and then a long discussion where the only word I understood was "democracy." (Davis-OH).
- 9420 **GREECE Helliniki Radiophonia** 9.420 FEB 14 2305 + OM with GK (and some EG), with a program featuring songs from The Beatles Magical Mystery Tour album including respectively, I Am The Walrus, Hello Goodbye, Strawberry Fields Forever, and Penny Lane. Strong, clean signal, and an especially enjoyable program, though I miss hearing the traditional Greek music. (Comeau-MA)
- 9435 **NORTH KOREA Voice of Korea** from Kujang in FF. 1627-1632 Feb 26 MX and commentary in FF from female commentator. OK signal with slow QSB and moderate QRN. Quite listenable, if not armchair copy. Pleasant MX. (Henley, WA)
- 9435 **NORTH KOREA Voice of Korea** Kujang, 1240 in KK w/W singing w/chorus, almost
- 9450 **TAIWAN Radio Taiwan** 2/22 2350 CH talks, ments of Taiwan (Paszkievicz -WI)
- 9455 **NORTH MARIANA ISLANDS Radio Free Asia** 1946 to 2000 with no understandable ID, but my information agrees with what was found on Short-Wave Info, SINFO=25342, the overall merit of the signal was reduced because it was so very weak, I heard a lot of ugly sounding military music. (Davis-OH)
- 9460 **OMAN BBC** 0448 to 0459 with an ID at 0458, SINFO=33433, a report from Human Rights Watch talked about the continued torture of women in Darfur, Sudan. (Davis-OH)
- 9460 **CHINA China Radio International** 1202 to 1206 with an ID at 1205, SINFO= 35444, there was a news brief about the Japanese tidal wave, earthquake, and nuclear power plant meltdown four years ago this year, many people are still unable to return to their homes. (Davis-OH)
- 9540 **SINGAPORE BBC WS** 1633-1641 Feb 26 BBC WS positive ID. Listed language is Bengali. Slow QSB and increasing QRN as the gray line advanced. Interview and comment format with female commentator. Quite good copy. (Henley, WA)
- 9580 **AUSTRALIA ABC** from Shepparton. March 4 1557- 1604 "Triple J Unearthed" program. New Australian popular music, some of it pretty awful. Good signal with low QRN and slight rapid QSB. Excellent copy. Also on March 7 1636-1645 "Double J" music program of Aussie popular music. Slight QRN on an otherwise excellent signal, with great copy. (Henley, WA)
- 9580 **AUSTRALIA ABC** from Shepparton 1641-1650 Feb 26 "Triple J Unearthed.com" announcement. Aussie popular rock MX, mostly bad in this segment. Strong signal, but overall quality somewhat impaired. (Henley, WA)

- 9580 **AUSTRALIA Radio Australia** (Shepparton), 1422 to 1429 with an ID at 1429 for ABC National Radio and Radio Australia, SINFO= 35534, I heard part of the Saturday Night Country show hosted by a woman (Davis-OH)
- 9590 **CHINA China Radio Int'l** Kashi, 0137-0204 Feb 25, two men talking in the Spanish language with non-stop Chinese music program from 0144. At 0159 music fanfare with a man announcer giving station ID. Poor to fair. (D'Angelo-PA)
- 9595 **JAPAN Radio Nikkei 1** 1135 w/classical mx. then M/W in JJ. Good. //6055,
- 9600 **CHINA China Radio Int'l** 2058 to 2105 with an ID at 2059, SINFO= 25442, again the overall merit was reduced because of the weak signal, I heard part of their Chinese language lesson, I tuned out at the beginning of the Round Table program, (Davis-OH)
- 9600 **RWANDA DW** 0509 to 0529 with an ID at 0529, SINFO=25342, the Africa Link program, I heard a report on nuclear and solar power energy from Johannesburg South Africa, (Davis-OH)
- 9620 **SPAIN Radio Exterior de Espana** 2044 to 2059 with an ID for Radio National (the Spanish medium wave broadcasters) at 2059 in Spanish, SINFO=55454, a very excited male was describing a sporting event (Davis-OH)
- 9635 **VIETNAM Voice of Vietnam1** Son Tay, 1215 w/W in VV. Fair, but QRM de Cuba 5 kHz. //11720. (Figliozzi-FL)
- 9700 **NEW ZEALAND Radio New Zealand Int'l** the All Night Program. March 4, 1502-1533 Coastal WX report for all areas until around 1517, then ID and MX. Discussion of tattoo removal due to long-term health effects. Listenable, but just barely. (Henley, WA)
- 9700 **NEW ZEALAND Radio New Zealand International** 1337 to 1351 with an ID at 1351, SINFO=35433, I think the name of the program was All Things Pacific, one song I recognized was California Dreaming (Davis-OH)
- 9720 **NORTH MARINAS Voice of America** 9.720 FEB 14 2245-2300 Fast-paced CH program with mixture of music and some (presumed) news items with correspondents and crowd noise noted. Time pips at the hour, then off. (Comeau-MA)
- 9770 **FRANCE Radio Japan** 0501 to 0509 with an ID at 0506, SINFO=45444, the big news was about Jordan now taking the fight to ISIS in Syria, because they killed a Jordanian pilot, the sad news (my opinion) is that Japan was not willing to take any military action against ISIS since it killed another of its citizens(Davis-OH)
- 9780 **CHINA PBS Qinghai** Xining (presumed), 2346-2356. Talk in Chinese by a woman, occasionally joined by a man. A few bars of music at 2350 followed by more talk. Chinese music at 2356. Very weak, threshold level signal with some flutter. 3/6/2015 (Evans - TN)
- 9785 **CHINA China Radio Int'l** from Jinhua site in EE. 1538-1545 Feb 28. Male and female commentators discussing state of public bathrooms in China with public health implications. Program lamented the general state of these bathrooms. I suppose it is easier to lament than to fix them. Very good signal. (Henley, WA)
- 9795 **PHILIPPINES FEBC Radio** Bocaue, 2257-2301. Hymn prior to 2300 scheduled sign-on. A few bars of indigenous music, talk by a woman in scheduled Mon, and contemporary religious vocal music. Moderate signal strength with some flutter. 2/24/2015 (Evans - TN)
- 9955 **UNITED STATES WRMI** WRN, Global 24, Deutsche Welle 1142 to 1159 with an ID at 1158, SINFO=45444, I learned that a Chinese company wants to dredge a deep canal through Lake Nicaragua so very large ships can use the route, but it may take years to complete, (Davis-OH)
- 9975 **PALAU Clandestine Furusato no Kaze** March 4 1605-1620 Target North Korea Female commentator in JJ. Talk and MX, moderate QSB and moderate QRN but listenable signal. Signal deteriorating after 1620. (Henley, WA)
- 11560 **PHILLIPINES Voice of America** in Burmese from Tinang. Feb 12 at 1610-1630. News and interviews. Discussion of trade between Myanmar and the USA for various desirable products. Some EE sprinkled into the conversation. Much QRN, steep QSB. Male and female commentators. ID at 1629 in EE as VOA Washington, DC with Yankee Doodle at sign-off. Carrier gone at 1630. (Henley, WA)
- 11580 **UNITED STATES WRMI** 2315 to 2330 with an ID at 2330, SINFO=35333, then, Glenn Hauser's World of Radio Program Number 1762, a good program for updated station information (Davis-OH)
- 11605 **TAIWAN Radio Taiwan Int'l** from Tainan in CC. March 4 1535 - 1548. Mix of conversation and MX by male announcers until after 1545 when joined by a female commentator. Popular MX. Good signal, no QRM. (Henley, WA)
- 11650 **OMAN Radio Sultan of Oman** Thumrayt, 2146-2209 Feb 21, Arabic language program with a man announcer hosting a program of vocals. ID at 2159 accompanied by soft instrumental music followed by talk by a man and woman announcers. Fair to good. (D'Angelo-PA)

- 11670 **INDIA General Overseas Service of All India Radio** (AIR) 1824 to 1831 with an ID at 1829, SINFO=25542, I heard several Indian songs with their instruments, (Davis-OH)
- 11670 **INDIA All India Radio** 1935-1945 w BBC show about the Cricket World Cup, good signal 3/9/15 (Feinberg-NY)
- 11670 **INDIA General Overseas Service of All India Radio** 1903 to 1911 with IDs at 1905 and 1910, I learned that Russia, the Ukraine, and other countries are meeting about the conflict in the Ukraine, (Davis-OH)
- 11695 **PHILIPPINES Vatican Radio** 3/6, 1540. Commentary on current events by man. Good. (Barton-AZ)
- 11710 **NORTH KOREA Voice of Korea** 1350 to 1353 with an ID at 1353 by a woman announcer, SINFO=25532, the overall merit was graded down because of the weak signal, at tune in I heard orchestra music, (Davis-OH)
- 11710 **INDIA All India Radio** Delhi, 1255 in Burmese w/subc. Vocals. Fair, off @1315. (Figliozzi-FL)
- 11720 **CHINA CNR1** domestic programming // 6145, 7310, 7365, 7385, and 7570. March 7 1615- 1635 Much QRN on all frequencies, slow QSB, and definite QRM from signals underneath the CNR1 broadcast, again on all frequencies. (Henley, WA)
- 11725 **NEW ZEALAND Radio New Zealand Int'l** 0600-0615 w news, weather, music including a song by Mavis Staples, and a discussion of the history of polio in NZ. Good Signal 3/2/15. (Feinberg-NY).
- 11764 **BRAZIL** 0132-0207 Mar 2, man announcer with long religious talk in Portuguese language. Choir vocals then a talk show featuring phone calls from listeners. ID and frequency announcements at 0201. Fair to good. (D'Angelo-PA)
- 11780 **BRAZIL National Radio de Brasilia** tentative, 2338 to 2347 with no understandable ID, Portuguese, SINFO=35433, I heard a lot of interesting Latin music with drums (Davis-OH)
- 11790 **MADAGASCAR Bible Voice Broadcasting** Talata Volonondry, 0216-0236 Mar 8, man announcer with long English religious talk. ID at 0229 by a man over instrumental music which was followed by another religious program. Fair but deep fades. (D'Angelo-PA)
- 11825 **UNITED STATES Overcomer Ministries** religious broadcaster in EE from Okeechobee, FL. 1530-1538 Feb 28 Brother Stair holding forth with fire and brimstone, as tiresome as ever. // 9980. Good signal but with slow, deep QSB, moderate QRN and some background QRM. 9980 signal relatively poor, but readable. (Henley, WA)
- 11840 **INDIA All India Radio** 11.840 FEB 12 UTC 1259+ CH broadcast with time pips at the hour (no sign of Gladys Knight though), and mention of Beijing. Strong signal. Had this been EG, it would have been easy to copy. (Comeau-MA)
- 11850 **SRI LANKA Radio Free Asia** Iranawila, 2308-2312. Talk in Cambodian between two men. Moderate signal strength with some flutter. 2/24/2015 (Evans - TN)
- 11865 **GERMANY Hamada Radio Int'l** Nauen, 1949-1959*. Talk in Hausa by a man. Talk by a woman over music 1957. Music at 1958. Announcement by man at 1959, then abrupt audio cutoff. Poor to moderate signal strength with heavy fading. 2/16/2015 (Evans - TN)
- 11900 **GERMANY Voice of America** Nauen, 1837-1858* Mar 5, man announcer talking in listed Amharic language. End of program at 1846 with instrumental music followed by discussion program with remote reports. At 1856 instrumental music with ID closing announcements before carrier terminated. Poor to fair with deep fades. (D'Angelo-PA)
- 11905 **SRI LANKA SLBC** 11.905 FEB 14 UTC 0159-0230 SC language, but several "Sri Lanka Broadcast Corp" IDs heard. Music and news after the hour with several mentions of "Iraq," and traditional SC mx before signoff. Excellent signal. (Comeau-MA)
- 11905 **SRI LANKA SLBC** 0115-0140 w vocal mx, other mx, in Hindi but ID as 'Sri Lanka Broadcasting Corp', good signal faded to fair 02/28/15 (Feinberg-NY)
- 11935 **BRAZIL Radio RB2** Curitiba, 2312-2319. Talk in Portuguese between two men, one rather excited. Music at 2314. Announcements by a man and a woman at 2318 followed by talk by a man. Moderate signal strength with a little fading. Much weaker parallel noted on 6040. 2/24/2015 (Evans - TN)
- 11940 **SPAIN Radio Exterior de Espana** (REE) 2014 to 2020 with an ID in Spanish at 2020, I thought this station was supposed to be closed down, SINFO=35444, I heard part of a futbol (soccer) match, (Davis-OH)
- 11945 **CHINA China Radio Int'l** March 4 1621-1630. Male commentator with MX background. Very strong signal, no QRN, very slight QSB. Excellent copy. (Henley, WA)
- 11970 **CHINA China Radio Int'l** in CC March 9 1540-1547 M & F commentators in conversational program format. //6145,7300,9495, 9680. Very strong and clear signal. (Henley, WA)
- 12030 **THAILAND BBC** 1236 to 1259 with an ID at 1259, SINFO=34544, there were a lot of interesting news items, but the story and interviews of some people who lived through the Dresden fire bombings during World War Two was the most amazing, t(Davis-OH)

- 12035 **EGYPT Radio Cairo** Feb 21 at 0117, Radio. Cairo, fair with flutter, dead air in "Spanish" service; didn't get around to checking the other frequencies tonight (Hauser-OK)
- 12045 **TINAN Voice of America** 12045 FEB 11 UTC 1404-1459 CH broadcast with music and (presumed) news, including pips at 1430, mentions of Singapore, Taiwan, Hong Kong, and China, Washington, and off air at 1459. Good. (Comeau-MA)
- 12045 **UNITED KINGDOM Radio Ibrahim** 1721 to 1729 with no understandable ID, Arabic, SINFO=45344, I heard several songs and a male announcer at 1723 (Davis-OH)
- 12085 **AUSTRALIA ABC** in English. Feb 12 at 1659-1712. MX and news at 1700. Ukraine and Russia accord in cease-fire, UN resolution on oil smuggling from Jihadist areas, etc. Generally excellent and strong signal. (Henley, WA)
- 12160 **UNITED STATES WWCW** from Nashville TN, religious broadcaster. Feb 12 at 1632-1642. Announcements about firearms training, and an anti-Muslim book and other anti-government books. Strong signal. (Henley, WA)
- 12350 **UNITED STATES Coast Guard Station WCY**, USB mode, 1320 to 1324, I heard a part of a conversation about the weather for a sail boat trip this week or next, (Davis-OH)
- 12788 **UNITED STATES U.S. Coast Guard Master Station NMN**, USB mode, at Chesapeake, Virginia, 17:32 to 17:43 with IDs at 17:42 and 17:43, SINFO=35433, with Atlantic Ocean weather, and the continued information about closing down some frequencies (Davis-OH)
- 13270 **CANADA Gander Radio** USB mode, 2129 to 2130 with an ID at 21:29, SINFO= 35433, the channel was cleared at 21:30 for New York Radio, t (Davis-OH)
- 13590 **SRI LANKA Voice of America Deewa Radio** (P) 3/6, 1540. W in (listed) Pashto. Good with flutter. (Barton-AZ)
- 13640 **INDIA All India Radio** (Bengaluru) 3/6, 1550. Female vocal music. Good. (Barton-AZ)
- 13735 **TINIAN ISLAND Radio Free Asia** 13:30 to 13:33 with an ID at 13:30 by a male speaking in English, "...Radio Free Asia. The following program is in Burmese (Davis-OH)
- 13745 **THAILAND Radio Thailand** 0020-0040 w Morning Talk which had a tribute to Leonard Nimoy, back with fair signal 0030 on 3/1/15 (Feinberg-NY)
- 13820 **UNITED STATES Radio Marti** in SS from Greenville 1524-1530 MX and male/female commentators. Rapid QSB and moderate QRN but overall a solid listenable signal. (Henley, WA)
- 14870 **TAIWAN Sound of Hope International** tentative, 1336 to 1345, Chinese, SINFO= 35433, I didn't hear the jammer station this time, I heard a conversation between two men, (Davis-OH)
- 15040 **INDIA All India Radio** 15.040 FEB 12 UTC 1309-1315 Burmese broadcast with a fast-paced mix of traditional and rock music. Off at 1315. Good. (Comeau-MA)
- 15040 **INDIA All India Radio** Delhi, tentative, 1304 to 1306 with no positive ID, Burmese, SINFO=55534, I heard some interesting music, (Davis-OH)
- 15140 **OMAN Radio Sultanate of Oman** 1426 to 1438 with an ID at 1430, SINFO= 25443, I learned that eleven people were killed in an ambush in South Sudan and that twenty people were killed in Cairo on the anniversary of their revolution four years ago, the news was a relay from Radio Oman FM, 90.4, (Davis-OH).
- 15140 **OMAN Radio Sultanate of Oman** Thumrait March 5 1631-1641 M & F commentators in Arabic, decent signal, no QRM, slight QRN and very slight QSB. . Deteriorating as gray line advanced. (Henley, WA)
- 15180 **VATICAN Voice of America** Santa Maria di Galeria, 1654-1659* Mar 5, woman announcer in English with ID and talk hosting a music program with carrier cut mid-song. Good signal. (D'Angelo-PA)
- 15190 **ITALY [non] IRRS** Feb 22 at 1516, talk in English about "animal cannibalism", how humans "eat the flesh of animal brothers & sisters". Fair signal with deep fading during which a lite long-path echo is perceptible. This is the Sunday-only broadcast of IRRS at 1500-1530, which HFCC continues to pretend has Milano as transmitter site while we know it's really Romania, Galbeni as per Aoki, with Radio Santec (Hauser-OK)
- 15190 **EQUATORIAL GUINEA [non] Radio Africa Network** Feb 19 at 2228, Radio. Africa Network via WRMI is supposedly religious, but filling some airtime with public-domain secular stuff: '(X-1)' old-time radio show, outro dramatization of "Nightfall" by Isaac Asimov! Who of course was an Atheist --- way to go!! NBC chimes and 2232 into gospel music, whew. I've never found anything like a program (Hauser-OK)
- 15215 **FRANCE Radio Ôômrang** the Frisian Voice of Amrun via Issoudun, *1600-1700* Mar 8, replay of the awful attempt made on February 21 with opening consisting of a nice English language ID before some Frisian language talk followed by a series of interviews using a mix of Frisian and English throughout broadcast. Very good signal. (D'Angelo-PA)

- 15235 **SOUTH AFRICA Channel Africa** 1754 to 1757 with an ID at 1757, SINFO=25443, I heard golf and other sports news, the program was Africa Digest, (Davis-OH)
- 15240 **AUSTRALIA Radio Australia** Shepparton, tentative, 2216 to 2232 with no ID, but my observations agree with Short-Wave. Info, SINFO=45233, one Pacific region air carrier cannot release a flight schedule, because it is still being finalized, (Davis-OH)
- 15350 **TURKEY Voice of Turkey** 3/1, 1150. Guitar and ME vocal music. Fair/Good. (Barton-AZ)
- 15370 **CUBA Radio Habana Cuba** in SS 1520-1523 Feb 28 MX and commentary. Good signal with slow QSB and light QRN. (Henley, WA)
- 15400 **ASCENSION ISLAND BBC** 1915 to 1921 with an ID at 1921, SINFO=25332, and then I tuned out, for some reason I didn't record any program details (Davis-OH)
- 15400 **SUDAN [non] Radio Tamazuj** March 1 at 1525, Radio. Tamazuj via VATICAN, no tone jamming yet. (Hauser-OK)
- 15435 **SAUDI ARABIA Saudi Int'l Radio** the "General Program" in Arabic. Feb 11 at 1710-1758. Call-in program format. Interview/comment between male callers and male announcers... Signal and carrier gone abruptly at 1758. (Henley, WA)
- 15435 **SAUDI ARABIA Saudi Int'l Radio** in Arabic from Riyadh. March 5 1641-1650 Female exhortation, interspersed with male comments. Sounded like a recitation followed by an M and F discussion Slight, slow QSB on a deteriorating signal that was listenable, but not comfortably. (Henley, WA)
- 15490 **SPAIN REE** March 1 at 1457, REE IS on second day of new frequency; good strength but quite a short/long path (Hauser-OK)
- 15505 **BANGLADESH BB** March 1 at 1359, tune in very poor BB signal just in time to hear mistimesignal ending at 1359:30 today (Hauser-OK)
- 15570 **VATICAN CITY** African language broadcast. Listed language is Tigrinya. Feb 12 at 1648-1658. Very strong signal. Some Latin mixed into harangue. Mention of Ukraine and Russia conflict. MX and then carrier off at 1658. (Henley, WA)
- 15575 **SOUTH KOREA Korean Broadcasting System (KBS)** 1309 to 1314 with an ID at 13:13, SINFO=25532, I heard a report about the treaty to ban the use of child soldiers (under eighteen years old) and that North Korea is one of the countries who has not signed it (Davis-OH)
- 15575 **SOUTH KOREA KBS World Radio** 1335-1358 w listener's letters, and a discussion by the KBS Station Manager who attended a Global Shortwave Coordinating Conference in Oman, the purpose of which was to determine the use of short-wave frequencies for next season. He also said that KBS is installing new antennas. Good signal 2/21/15 (Feinberg-NY)
- 15575 **SOUTH KOREA Korean Broadcasting System** 1347 to 1400 with IDs at 1358 and 1359, SINFO=35534, I heard part of the Listeners' Logs program and a DX report from a man in Sweden, (Davis-OH)
- 15580 **SOUTH AFRICA Voice of America** 1956 to 2000 with an ID at 1957, SINFO= 35544, I heard speculations about Cuba after the Castro brothers are gone, and then part of the Encounter program, (Davis-OH)
- 15580 **SAO TOME & PRINCIPE Voice of America** from Pinheira in EE. March 9 1615 -1630 News program. Commentary on Ebola in Liberia and Sierra Leone, WHO report on malaria treatment and prevention with statement that half the world's population is at risk from this disease. (Henley, WA)
- 15580 **VATICAN Voice of America** 2004 to 2011 with an ID at 2011, SINFO=35544, I heard Heather hosting Music Time Africa and a song about protecting African women, the 1000A and the 637' long wire antenna. 2/21.
- 15700 **CUBA China Radio Int'l** via Radio Habana Cuba in EE. March 4 1549-1556 The Beijing Hour, and CRI News Talk Radio Strong and clear signal. (Henley, WA)
- 15700 **CUBA China Radio Int'l** via RHC 1512-1520 Feb 28 EE news, Greece/Euro zone crisis, Argentina's president's possible involvement in the assassination of a lawyer, worldwide progress in combating Ebola, especially in Liberia. Some remarks from Obama. (Henley, WA)
- 17605 **AUSTRIA AWR** (Via Moosbrunn) 2/28, 1455. Some sort of afro-religious kum-ba-yah chant singing with excellent signal to sudden close at ToH. (Barton-AZ)
- 17615 **FRANCE Radio France Int'l** March 5 1651-1657 from Issoudun. Listed language is Hausa. Female commentator and then MX. Good signal. Carrier off air by 1657. (Henley, WA)
- 17800 **RWANDA Adventist World Radio** Kigali, 1939-2030* Mar 5, Fulfulde language program with ID at 1956 followed by instrumental music, dead air before commencement of French language broadcast at 2000. Good signal. (D'Angelo-PA)
- 17870 **ROMANIA Radio Romania Int'l** 2/28, 1400. ID by W and into some vocal music, in "ro". Outstanding signal! Barton-AZ)
- 25990 **UNITED STATES KLDE** Ed Dorado, TX, 2046-2106 Mar 1, Latin music programming, announcements noted //25910 which was slightly better. This was generally poor although there were some clear "fair" peaks. (D'Angelo-PA)

On the Shortwaves

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< www.ontheshortwaves.com > Update, March 1, 2015 -- Recently, under "DX History/Stations," we posted some VOA schedule booklets from 1966-67. Now we post two more from earlier years. One, in German and English, is for July-August 1949. The other, in English, is for January-February 1951. (The schedule tables in the booklets are in the language of the broadcasts.) -- And under "Specialized Resources/Wavescan," you will find this interesting new story from Adrian Peterson: "Railway Radio in Australia, Pt. 1" (Wavescan N313, February 22, 2015).

< www.ontheshortwaves.com > Update, March 8, 2015 -- In shortwave's early days, commercial messaging, rather than broadcasting, was the new medium's principal function. In Australia, this service was offered by Amalgamated Wireless (Australasia) Ltd. (AWA) through its directional "beam system." In "DX History/Stations" we have posted a 44-page booklet, "Wireless Communications," published by AWA in 1932. It contains all you will ever want to know about how the beam system was set up and how the messaging system worked. AWA facilities were also used for broadcast purposes, as noted in the timeline on pgs. 36 and 38. The Pennant Hills (Sydney) shortwave broadcast transmitter is shown on p. 30. -- And under "Specialized Resources/Wavescan," read "The BBC Far Eastern Relay Station-1: The Original BBC Relay Station in Singapore" by Adrian Peterson (Wavescan N314, March 1, 2015).

< www.ontheshortwaves.com > Update, March 15, 2015 -- This time, under "DX History/Philately," we have posted a file containing various postage covers from south of the border (some very far south), specifically: (1) Mexican radio stars (1995); (2) 50th anniversary of radiotelephone transmissions in Argentina (1970); (3) the Third South American Radio Communications Conference, Rio de Janeiro (1945); (4) 50th anniversary of the Federal Broadcasting System of Brazil (1986, two images); (5) 50th anniversary of an ex-Colombian AM-FMer, HJCK (2000); (6) 50th anniversary of Radio Nacional de Colombia (1990); (7) dual 10th/60th anniversaries of utility communications in the Falkland Islands (1977); (8) communications in South Georgia and the South Sandwich Islands (2006); and (9) a postal cachet of Armed Forces Radio-McMurdo, 6012 kHz. (1983). -- And in "Specialized Resources/Wavescan," look for Adrian Peterson's new entry, "Focus on the South Pacific: French Radio in the South Pacific--New Caledonia-3" (Wavescan N315, March 8, 2015).

< www.ontheshortwaves.com > Update, March 22, 2015 -- Previously we posted on the "DX History" page, under "POW Monitoring," a POW message recorded by listener B. O. South of San Francisco, California. Another message recorded by B. O. South, in April 1945, is on file at the Australian War Memorial in Canberra, and can be heard by going to < www.awm.gov.au/collection/S05891/ > and clicking one of the numbered sound files ("Sound 1," "Sound 2," etc.; they are all the same recording). The message also features in a short article, "Short Waves of Hope," written by AWM Asst. Sound Curator Gabrielle Considine for AWM's "Wartime" magazine for October 2014. We have posted the article, and if you zoom in on it you can read the details on the record label and the cardboard mailer. The text of the message is in the article. -- And under "Specialized Resources/Wavescan" there are these two new articles from Adrian Peterson: "BBC Far Eastern Relay Station-2: The Temporary Relay via SLBC Sri Lanka" (Wavescan N316, March 15, 2015), and "The End of Another Era--In the Land of a Thousand Hills: Deutsche Welle Closing Kigali Relay Station" (Wavescan N31

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