

# The **NASA** Journal

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

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

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

Amazing work. - Mario Stutterheim KD2BXA

WOW, WOW, WOW. - Richard McKlung

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

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

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

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

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The definitive reference in short wave receivers. - Bertrand Velle

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

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

A true work of art. - John Wagner

Absolutely fabulous. - Dale Parfitt W4OP

A wonderful book. It impressed me. - Hideo Kanemichi

Fine job! Many memories with those old receivers. - Hervé Brion F6CZL

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

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



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# NWA Notes

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

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Recently, the *World Radio TV Handbook's* (WRTH) editor, **Sean Gilbert** wrote on Facebook that the WRTH 2015 will be published, as usual, in early December. This will be the 69th Annual edition of the WRTH! Even though both International and Domestic SW is declining there is still a lot to be heard out there on those broadcast bands, so don't consign the SW receiver to the attic (to gather dust) just yet. There is a mix of over 200 languages and dialects to get stuck in to, plus the clandestine broadcasters are always around from politically troubled areas. Some of these are low powered or broadcasting to a different part of the world and can be a tough challenge to pick up. All the details you need to stand the best chance of catching these, or any of the other broadcasters (be it LW, MW, SW or FM), can be found in WRTH. You will soon be able to reserve your copy of the 2015 edition and be one of the first to receive it. Check the WRTH website for pre-ordering details. If the 2014 edition is still showing, try again in a few days' time. Also, don't forget to check out Universal Radio which carries the handbook too.

Please note that the Danish Shortwave Club International (DSWCI) will hold its Annual General Meeting 2015 at Landgasthof Tarp, Bahnhofstrasse 1, D-24963 Germany in the weekend 8th- 10th May 2015. The little town Tarp is located at the highway E45/A7 and is a station on the railway line Hamburg-Flensburg. Train every 2- hours. Tarp is 146 KM from Hamburg, 15 KM from Flensburg, 10 KM from Schleswig and 334 KM from Copenhagen. From Landgasthof Tarp we have got a temporary offer stating that we can have 1x coffee with cakes, 1 x half board (3 dish evening-meal and 1 x breakfast) in connection with the following room-prices: 1 night in double-bedroom for EUR 52,- per person and for 2 nights EUR

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

Member **Toshi Ohtake** informs us that the European DX Council held EDXC 2014 from 19-22 of September in France. Most of attendees met at Nice airport on the 19th with **Christian Ghibaudo**, organizer of the EDXC 2014, and took EDXC chartered bus to Saint Dalmas de Tende, 70km north of Nice. The hotel was located in the picturesque valley of Southern Alps in France. The official opening was announced by EDXC Chairman, **Kari Kivecas** (Finland). **Dario Monferini** (Italy) presented his Brazilian Radio tour. The next day session was by Kari about EDXC matters, and **David Ricquish** of New Zealand presented news about radio stations in New Zealand and South Pacific. After a tour of Tende village, the presentations were resumed. Christian presented the history of Radio Monte Carlo, and Anker Petersen (Denmark) talked about his DX-ing on a cruise ship to the Caribbean Sea. **Alexander Beryozkin** spoke about his St. Petersburg


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## Unity and Friendship

radio club. On the third day, the chartered bus brought them to Ventimiglia of Italy and Monaco, where they had a tour of the palace, then to Nice hotel, covering three countries in one day. The fourth day was excursion in Nice with visits to a couple of radio stations. The Conference was attended by 29 people from 9 countries, and very successful and enjoyable.

Through PlayDX we learn that the *IRCA Mexican Log*, 19th Edition (Winter 2014) was just released. The *IRCA Mexican Log* lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. The call letter index gives call, frequency, city and state. The city

index (listed by state, then city) includes frequency, call and day/night power. The transmitter site index (listed by state, then city) tabulates the latitude and longitude of transmitter sites. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11". Prices: IRCA/NRC members - \$9.50 (US), \$11.00 (Canada) \$12.50 (México), \$14.00 (rest of the world). Non-IRCA/NRC members - add \$2.00. To order from the IRCA Bookstore, send the correct amount to: IRCA Goodie Factory, 9705 Mary NW, Seattle, WA 98117-2334 (PayPal add \$1.00) email: phil\_tekno@yahoo.com.

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

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Please e-mail musings to jerrylineback@comcast.net or send to P. O. Box 1220, Grantham, NH 03753. Next deadline is November 26. Thanks to all contributors.

**John Cooper, 734 Sally Ann Dr., Lebanon, PA 17046, <Broadwing56@msn.com>**

I thought I would write about my recent Mini DXpeditions for the Journal. First a little background. I started in the hobby in late October 2012. I caught the bug very quickly and consider SW DXing one of my primary hobbies. I had been reading other people talking about DXpeditions and the logs they compiled. I knew I could not go on a trip to an exotic land so I didn't think about it until I saw a log from Dave V. who lives in PA. He was going to a PA Game Commission State Game Land and doing his SW listening there. I thought to myself now that is possible and I have several large State Game Lands within 10-15 miles of my house.

One in particular is SGL 211 which is one of the largest. An added advantage is at SGL 211 there is a place called 2nd Mountain which on the summit is where the 2nd Mountain Hawk Watch Association has an autumn and fall Hawk Count for the migration of birds of prey. One of my other hobbies is Bird Watching so I can enjoy SW listening while observing Eagles, Falcons, and Hawks going overhead and on the sides of the mountain. The only disadvantage to this site is it borders Fort Indiantown Gap National Guard base, and the access road to the top of 2nd mountain is controlled by the base. They do not allow access after dusk.

The first time I went up to the Hawk Watch site I took my Tecsun PL 660 a set of headphones and a small pad of paper. I was using just the whip antenna. I was mildly surprised at all the stations I was receiving with very little RFI affecting the reception. I was able to pick up many Asian countries that normally don't come in clear at the Radio Shack at home. The highlight for me on that trip was getting a new country and station, Bangladesh-Radio Bangladesh Betar. I was able to pull in about 40-50 individual stations in about 6 hours. (Remember, I am a newbie and unlike some of the old pros I am struggling to break 100 countries received let alone verified. I have 80 identified and only 52 verified so far.)

When I got home I thought about how I might be able to improve my reception. I ended up purchasing several tools to assist me. I have limited mobility so a 150' beverage antenna for me to string out was out of the question. I ended up with two new antennas. The first one is for use inside the car. It is called a Travel Tenna and it attached to the drivers or passengers windows with a supplied window mount. It is a center loaded telescopic antenna. It does a nice job of bringing in stations if I am sitting in the car. The second antenna was bought from the same company. It is called a Combo-Tenna. The antenna is powered by a 9 volt battery and it has an AN-3819 Field Effect Transistor soldered on a 3" x 2" electronic sandwich board along with other electronics that was meant for indoor use. I slapped it into a small plastic project box, cut holes in the box for the antenna wire and there you go it is now semi-weatherized powered antenna. It has a yo yo antenna attached to it that reels out 40 feet. This is all mounted on a Tripod with a ten foot center pole which gives me a vertical lift of around 15 feet to run it like a Sloper.


This set up works really well in the field for me so far. I am able to get more stations in than just using the whip antenna and for me it is very portable with a set up time of about ten minutes from car to my portable lounge chair.

Now that I have retired this past July, getting out and listening to Shortwave in an almost RFI free environment is really great for me. Not only can I begin to pull in new stations and countries, but I also get to enjoy the outdoors. I am constantly experimenting with ways to improve my listening experience be it at home or on a Mini DXpedition.

This coming Friday I will be going up to 2nd Mountain using a new radio, a CommRadio CR-1a, I recently purchased. I am checking out other locations where I can be up high and stay after dark to get even more stations. You will be able to see my results in upcoming weekly NASWA Flash sheets, stay tuned. Thanks for letting me share and thanks for the great club.

73, John c. (Editors Note: John, please let us know how the CommRadio works for you)

**Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610**  
We are now officially into the new fall DX season. Unlike years gone by, it is difficult to get excited about scanning the shortwave bands looking for interesting targets with the decreasing lack of action on the shortwave bands as transmitters fail, international broadcasters pull out of using the spectrum and the entire change of attitude toward shortwave as a broadcasting medium. Nevertheless, it is time to organize a DXpedition and see if anything interesting happens.

QSL returns have really slowed down recent months. I have some new reports out there but the action on the bands just doesn't seem to justify sending out many reports these days. Perhaps I need to adjust my thought process a little. RTE Radio via Woofferton verified an electronic report to hearus@rte.ie with a full data - excluding site - two page electronic PDF attachment featuring a space photo Ireland and some local scenes for the special transmission of the All-Ireland Football Final. Radio Free Asia - Dhabayya (site box checked on card as "Asia") verified an electronic report with a full data "18 Years of Broadcasting" Globe/Transmitter card including a station sticker frequency schedule and fact sheet. Radio Africa Network - Okeechobee verified an electronic report with an electronic response from Jeff Bernald promising a postal reply is on the way noting "we are now broadcasting from Okeechobee Florida. We have moved our shortwave operations from Bata Equatorial Guinea to Florida in December of 2013." Jeff send a PDF copy of their current program/broadcast schedule as an attachment. 

# Listening Review

Alan Roe • 33 Atbara Road • Teddington, TW11 9PA, United Kingdom • alan-roe@tiscali.co.uk

Hello and welcome to the Listening Review for November.

## Spain: REE

Another month passes, and another month requiring us to say goodbye to an old friend on shortwave: this time **Radio Exterior de España** has left the shortwave bands heading to internet only broadcasts. I am sorry to see this station leave shortwave as they often have interesting and enjoyable programs. I have, noticed over the last few months an increase in repeated items in their broadcasts and also more and longer musical items than perhaps before. I have no statistics on this, but that was my perception. I suspect that this arose following the departure of Frank Smith, who I believe was forcibly retired, leaving just Alison Hughes and Justin Coe as the only two REE staff presenters in the English section. However, the quality of their programs remained high.

For example, on 7 October (at 1915UT on 11615kHz) was a very interesting feature on a 16th century Spanish composer, Francisco Guerrero. I had no previous knowledge of this composer, so was interested in the brief biographical details, including:

Francisco Guerrero [...], who lived from 1527 to 1599, spent most of the time in Spain, with only a short stay in Rome. However, he has been described as having "a travel bug" and his life reads like a book of adventures. A much desired trip to the Holy Land when he was 60, where he visited Damascus, Bethlehem and Jerusalem, took a dramatic turn when, on the way back to the French port of Marseilles, the ship was attacked twice by pirates. Not only did Guerrero lose all the money that he'd made in Italy by publishing his music during the robbery but he was also forced to

pay ransom for his life. Once back in Spain and utterly destitute, Guerrero spent a stint in debtors' prison; the Seville Cathedral bailed him out.

Of most interest in the program was the extensive clips of his sacred/choral music. The music probably accounted for at least half of the 35 minute program. Feature items on shortwave are so often just short items of 10-15 minutes, at most (often less), that it was great to sit back and listen to a proper examination of his life and work and to hear the extended clips of music.

As their shortwave broadcasts neared their end, the broadcast of 13 October featured their last Listener's Club program, appropriately featuring many letters and e-mails from listener's saying goodbye and ending with the song "Thankyou for being a Friend". At least the REE management gave the hosts chance to say goodbye. The 14 October 0000UT repeat thus became the last English shortwave transmission to North America.

Not quite so for Europe/Africa where we heard their final transmission at 1900UT on 14 October, but if we expected some final acknowledgment of the shortwave switch-off, then not so. After News as normal (read by Alison Hughes), there was an airing of *North by SouthWest* and a feature item with Alison "inaugurating a new space [...] dedicated to books." I guess that this was a repeat feature. Following this was the usual canned sign-off of times and frequencies.

The first web-only broadcast began with an excerpt the 3rd movement of Chopin's Sonata for Piano No. 2, otherwise known as The Funeral March, before continuing for the whole (shortened) 30 minute broadcast with a feature about a performance at Madrid's National Auditorium of Handel's opera Alcina, by the English Concert with Joyce DiDonato singing the title role.

REE's foreign language broadcasts are now streamed live overnight on their website (and are available on-demand as downloadable podcasts) as shown below. Broadcasts are Monday to Friday only (UT Tuesday to Saturday after 0000UT)

2200-2205: **RNE** News in Spanish

2205-2230: **REE** Arabic

2230-2300: **REE** English

2300-2305: **RNE** News in Spanish

2305-2330: **REE** French

2330-2400: **REE** Russian

0000-0005: **RNE** News in Spanish

0005-0030: **REE** Portuguese

0030-0100: **REE** Arabic

0100-0105: **RNE** News in Spanish

0105-0130: **REE** English

0130-0200: **REE** French

0200-0205: **RNE** News in Spanish

0205-0230: **REE** Russian

0230-0300: **REE** Portuguese

0300-0305: **RNE** News in Spanish

0305-: **REE** Spanish

So, each language gets two broadcasts, with broadcasts at xx05 being 5 minutes shorter. In the case of English the shorter broadcast is achieved by simply fading out the programme after 25 minutes. I assume that the same applies to the other languages.

There is also a weekly French program called **Kantara** 0405-0500UT Saturdays which Jean-Michel Aubier in dxld Yahoo Groups writes is: "a 55-minute Mediterranean international program which is a cooperation between REE, Radio Tunis Chaîne Internationale,

France Bleu Frequence Mora, Radio Algiers (3rd channel), Chaîne Inter (SNRT Morocco) and Radio Cairo."

I assume that all these times will be one-hour later after 26 October, however I guess that most listeners will be listening to the on-demand/podcast files.

I would like to think that I'll continue to tune to REE's programs in forthcoming weeks and months via the web. But will I?

For some time now, I have tuned into internet podcasts and live streaming as a means of either catching up on missed programs, or to listen to a program where the live shortwave transmission really is too poor to enable anything meaningful to be heard. However, I do not regularly schedule-in time to listen via internet - I like my radio too much to do that.

For a while after their passing to the other side, I used to listen quite often to internet broadcasts of Radio Prague, to Radio Slovakia International, Radio Ukraine International and Radio Bulgaria, but the call of what's available on shortwave is still considerable and so gradually, internet station by internet station, I leave them behind and return to shortwave, albeit to ever diminishing returns.

Maybe it's time now that, for program listening, we really have to consider how to adapt our listening routines or regimes to incorporate the world of internet and downloadable podcasts. John Figliozzi's solution is to download and listen whilst performing his regular exercise regimen and often offers interesting suggestions in the dxld Yahoo Group list.

It's a great idea - I just need to start the exercise regime! I would be interested if any readers of this column regularly and systematically listen to web-broadcasts and/or download podcasts, and if so, what your routine is. By extension, I wonder how this column should develop; should I give more prominence to internet-provided services or remain primarily shortwave-focused?

(By the way, John is the compiler of *The Worldwide Listening Guide* - [wwlgonline.com](http://wwlgonline.com) - which provides an extremely comprehensive list of programs available regardless of the platform that it is made available).

## Romania: R Romania International

I received the following e-mailed announcement from R Romania International, now one of the very few European stations with an International service in English:

"We have a very important announcement to make: as of October 3rd the English Service of RRI has a new program schedule. There are several changes in terms of the new broadcast days and durations for some of our old shows, and of new shows launched on this occasion. All these changes will of course be detailed in our new promotional materials, and will be posted online, on our home page at [rri.ro](http://rri.ro), on Facebook and other social media accounts that RRI uses. But here are some of the main changes.

Our traditional music show *The Skylark* will be aired on Tuesdays, instead of Thursdays. On Wednesdays, you will no longer hear *Partners in a Changing World*, which will be included in Thursday's program.

Instead, on Wednesdays we will be airing *Pick of the Week* and *Living Romania*.

Thursday is the day with the most important changes. We will no longer run the *Listeners' Letterbox* on Thursdays, this program will only be aired over the weekend, namely on Sundays and repeated on Mondays. Instead, we'll have *Partners in a Changing World* aired on Thursdays and two new shows: *Expat in Romania*, a series on foreign citizens who live in our country, and *The Latest in Music* with news from the Romanian music scene and lots of music to listen to.

Our *Jazz shows* will be aired on Saturdays and re-run on Sundays, while the duration of the *Sunday Studio* will be reduced to 20 minutes instead of 40. Every other Sunday, when Sunday Studio is not broadcast, we will have a new show entitled *Panorama*, a selection of the best features we've had in two weeks.

These are just the highlights, we are sure you'll soon get used to these changes and we hope you will find them to be changes for the better. "

## Music On Shortwave

I have a couple of suggestions for you this time for music programs heard in non-English language programming.

The **Voice of America** has a couple of programs in English with great African music - in particular *Music Time in Africa* at weekends and *African Beat* on weekdays. However, another program is available on the VOA French service called *Antenna Libre* on Wednesdays at 2000UT on 15730 and 17530kHz, and is a highly recommended program.

On 8 October, I had good reception on both frequencies direct from Greenville with a program featuring Congolese artist, musician and songwriter Felix Wazekwa and some lively Congolese music. Although I couldn't understand the interview, there was plenty of music to enjoy. From the VOA website, I find the following information (corrected from Google machine translation):

Felix Wazekwa S'Grave (September 14, 1962 in Kinshasa, Democratic Republic of Congo) is an artist, musician and Congolese songwriter, best known thanks to his collaborations with Koffi Olomide and Papa Wemba - Felix's writing talent is undeniable. In 1993, he had written a song for Papa Wemba, and it was first suggested to him that he should sing his own songs, and his solo career started in 1995.

Meanwhile, **R. Liberty** continues its weekly **Jazz Time** program in its Russian service. On 19 October at 2005UT, whilst compiling this month's Listening Review, I enjoyed some wonderful Jazz music. The program title for this week's edition "*Monsters of the past and not quite young shoots*" has probably has lost something in the translation. Music this week was from artists including Count Basie and ending with Keith Jarrett and Charlie Haden's piece: "Last Dance".

You can find podcasts of previous week's Jazz Time shows at: [http://www.svoboda.org/archive/ru\\_bz\\_jz/latest/896/992.html](http://www.svoboda.org/archive/ru_bz_jz/latest/896/992.html)

Many thanks to Rafael Martinez for his personal list of music programs, from which I obtained the above times and frequencies for Jazz Time.

I look forward to your comments and contributions. Please write!

**Jazz Time** is currently (October) aired as follows:

Until next time, 73's Alan



Saturday 1805: 5995 9840 11760

Sunday 0505: 9635 11850 17770

Sunday 2005: 5995

### NASWA Yahoo Group

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



### NASWA Flashsheet

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



# International Broadcasting

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

## Shortwave: First the bad news, then the good news.

October provided the usual bad news about shortwave, including the departures of Radio Exterior de España and Democratic Voice of Burma from the shortwave bands.

But there has also been some good news. The Global 24 Radio project will transmit via WRMI, 24/7 on 9395 kHz. Global 24 "aims to revitalize the shortwave medium by bringing general interest news and entertainment into sharper focus for listeners looking for high quality programming on a daily basis. Regular listeners will be informed, entertained and engaged in an ever more complex world."

It sounds like something that could be a refreshing change on shortwave, although as of this typing no details about programming have appeared at [global24radio.com](http://global24radio.com) - even though it signs on (signed on by the time you read this) at midnight UTC on November 1. Will the content be mainstream or highly opinionated?

Monetizing shortwave is very difficult. Past attempts to achieve revenue through spot ad sales have failed, witness WNYW, KYOI, KUSW, and the early WRNO. Only block time sales seems to work. Still, assuming commendable programming, I'm hoping for a successful business plan.

## VA plans to use shortwave

Another recent news item about shortwave did not use the word "shortwave." According to Nextgov: "The Department of Veterans Affairs plans to build a nationwide high-frequency radio network to connect its medical facilities in case of an emergency that knocks out other forms of communications -- applying century-old technology to current needs. ...

"The network will include an undefined number of high-powered [sic] "backbone" stations equipped with 200-watt transmitters designed to receive and automatically relay communications from 125-watt stations located at approximately 200 Veterans Health Administration facilities, VA said. The network would provide emergency two-way radio communication and links to national wired, cellular and IP telephone networks enabling radio-to-telephone communications, according to the agency." Full text at [bit.ly/1yu1PVK](http://bit.ly/1yu1PVK) .

The Department of Homeland Security operates a high-frequency, i.e. shortwave, network called SHARES which connects federal agencies in times of emergency, so maybe this initiative is just VA joining SHARES.

This article about VA's HF/SW plans was also published in the Defense One website -- [bit.ly/1CU31CD](http://bit.ly/1CU31CD) . One of the commenters wrote: "I strongly recommend that they don't rely on the ionosphere for communications. If the land lines and other communication systems are out, quite possibly there was an EMP. An EMP would most likely make the ionosphere unusable too. I recommend a hardened line of sight system."

Interesting point. To what extent and how long would an EMP caused by a high-altitude nuclear explosion disrupt the ionosphere? This is important information for those considering whether international broadcasting should retain shortwave transmitters for future crises and emergencies.

## International broadcasting audience research then and now

My day job is audience research analyst for the U.S. International Broadcasting Bureau. My department has just been renamed from IBB Office of Research to IBB Office of Research and Assessment. I don't know what the addition of "and Assessment" signifies.

I just go with the flow. One assignment associated with our name change was to provide an article to the IBB in-house pub *Voices*. This is what I submitted...

The ORA team has experience going back as far as 29 years (37 years if you count a summer internship at the U.S. Information Agency Office of Research).

Back in the 1980s, electronic media in many VOA target countries consisted of a state broadcasting monopoly, with most people listening on medium wave radio. Audiences seeking a more reliable source of news, and even a bit of entertainment, would tune to VOA, usually on the shortwave band of their radios. Shortwave bands were common on radios because many countries used shortwave to cover remote areas of their own territories.

Tuning to VOA on a shortwave radio was a conscious act, so it was fairly easy to respond accurately if a survey interviewer asked "Did you listen to the Voice of America in the past year?"

During the 1990s, the global media scene changed quickly. FM radio became more common, and many countries allowed private broadcasters on the FM band. With domestic broadcasting now more competitive and entertaining, the incentive to tune to foreign broadcasts was reduced. On the other hand, some of these FM stations relayed the programs of international broadcasters, introducing new opportunities for clear reception.


Listeners might remember tuning to those FM radio stations, but maybe not to specific programs and reports on those stations.

Thus, when asked by an interviewer, a radio listener might not remember hearing VOA content.

Also beginning the 1990s, VOA and other international moved into television, sometimes directly via satellite, sometime by placing program on domestic channels. The same problem as with FM radio has persisted: Does the viewer recall the VOA brand amid all the other programming on the television channel? If the viewer does not recall "VOA," maybe he or she remembers the name of the program. So the questionnaire adds a question like "Have you watched a television program called Science World during the past year?" If the viewer remembers "Science World," good. If the viewer confuses "Science World" with program on domestic television with a similar or identical name, well, not so good.

In this century, Internet access is growing quickly throughout the world. If an Internet user types "voanews.com" to obtain VOA content, that is another conscious act that can be recalled in a survey. But if the VOA content is encountered during a web search, the VOA brand might not be recalled. In such cases, web analytic tools usefully complement survey research, but most of these tools do not provide data about VOA's competitors.

International broadcasting is much more complicated now than it was 29 years ago, and so is international broadcasting audience research.

*Views expressed are my own. More at [www.kimandrewelliott.com](http://www.kimandrewelliott.com), posts to which can be followed at [twitter.com/kaedotcom](https://twitter.com/kaedotcom). See also [voaradiogram.net](http://voaradiogram.net).* 

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# Shortwave Center

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## SHORTWAVE BOOK REVIEW

# Shortwave Receivers Past and Present – Fourth Edition

Reviewed by T. J. "Skip" Arey N2EI

### SHORTWAVE RECEIVERS PAST AND PRESENT

Communications Receivers 1942-2013

Fourth Edition

By Fred Osterman N8EKU

ISBN 978-1882123025

\$49.95 (US)

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Let me start as calmly as I can... I HAVE WAITED 15 FREAKING YEARS FOR THIS BOOK!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

My well-worn Third Edition of Fred Osterman's "Shortwave Receivers Past and Present" has been a source of joy and useful information as were the previous editions. Whether using it to investigate a radio for an article, looking for a reasonable price when considering a purchase, or just turning the pages and letting my imagination run wild, the earlier editions have been constant companions.

But let's face it... A lot has gone on in the world of receiver design since Clinton was President. (Or since Jean Chrétien was Prime Minister for my friends and colleagues up North.) We are into a new generation of equipment by way of the Software Defined Radio revolution. Likewise, there remains great interest in finding and restoring the fine old equipment of years past. Stuff that was brand new when Fred last wrote about

this subject is now moving over to the vintage racks.

As current President of a company that has been at the forefront of providing quality new and used receivers to the radio hobby for over 60 years, there are few people more qualified at giving us the straight scope on rigs old and new than Fred Osterman. This latest edition covers receivers literally from A to Z. (That would be AeroStream to Zenith)

Another innovation that came along, at least practically, since the time of the Third Edition was the Worldwide Web. As Fred points out in his introduction, the ability to deepen his research with the aid of the Internet has helped make this latest edition the most comprehensive collection of receiver data in a single volume. Also, the fall of the Berlin Wall in 1989 allowed greater access to information about equipment from the former Soviet Union and its satellite nations.

Each chapter of the book covers a manufacturer with a brief company history that usually includes past and present addresses if they are still in business. From there, each receiver model is given a thorough treatment that includes all published general specifications including the years manufactured. If available, information is provided about published reviews in various magazines. Original price and likely price on the current used market are included. Using this particular information has helped me find some real bargains for my personal collection.

To make the book as comprehensive as possible, including expanded study of equipment from outside the more common United States and UK receivers covered in

previous editions, Fred assembled a team of folks from over a dozen countries to make this a truly international collection of radio information.

The book does not cover the massive portable receiver market but Fred hints at the possibility of a future supplement along these lines.

I only have one problem with this book. If I open it, I am lost to the world for an extended period of time. I can't stop turning the pages and smiling at all the superlative information I find on every page. With the Holiday Season fast approaching, you will certainly want to take steps to see that someone dear to you knows you want this in your present pile. Absolutely, totally, irrefutably RECOMMENDED!!!!!!!

## Shortwave Convention News

# EDXC Conference Report

By Chrissy Brand and Alan Pennington

views, while many on board scanned the FM bands for local catches.

(British DX Club)

The 2014 European DX Council (EDXC) Conference took place from 19 - 22 September in the south of France, in Nice and up in the mountains at St Dalmas de Tende. A total of 29 DXers and spouses attended a busy and scintillating programme of events in wonderful surroundings (eight from Finland, six from the UK, four from Denmark, two each from Italy, Japan, New Zealand, Russia and Sweden and one from France, including seven BDXC members).

The conference was declared open by EDXC Secretary General Kari Kivekäs and local organiser Christian Ghibaudo in the courtyard of Le Prieuré, the conference hotel which was set in a former monastery in St. Dalmas de Tende.

Nice was a great place to start and finish, with its belle époque architecture, characterful alleyways and boulevards which offer a wide range of dining, shopping and cultural options. With temperatures often in the high 20°Cs it was no surprise to see people swimming in the Mediterranean at night, while buskers performed by the beach and promenaders took in the sights. Along with historical landmarks such as Garibaldi Square, the Opera House and art galleries featuring Matisse and Chagall, Nice has made a niche for itself with its modern art. The most talked about probably being on Place Masséna where seven resin statues change colour at night - each statue representing a continent. There were three continents represented when the EDXC delegates assembled on Friday afternoon, from Europe, Asia and Oceania. A memorable coach journey followed along the Cote D'Azur, briefly into Italy and up a twisting mountain road, giving stunning

This was followed by aperitifs and canapés and a presentation by Italian DXers Dario Monferini and Roberto Pavanello on their travels in Brazil in 2013. Their epic tour across this vast country took in dozens of radio station visits, including stations in the cities of Belem, Salvador, Belo Horizonte, Recife, Olinda and Rio de Janeiro. Radio Globo and Transamerica were among the big networks visited along with smaller outlets such as Radio Excelsior, Vida, Metropole, Terra FM, Amazonas FM, Rio Mar etc. An amazing array of their photos illustrated the breadth of station logo designs and studio set ups. The trip took a lot of organising, contacting the dozens of stations in advance to arrange visits - as with most radio stations anywhere, you can't simply turn up unannounced and expect to be shown around. There are around 200 photos of the trip on Roberto's Facebook page.

After an enjoyable evening in the charming slightly rustic hotel restaurant, the Saturday session started with updates on EDXC topics. This included the EDXC's connections with the annual UNESCO World Radio Day, and the International Radio for Disaster Relief project. This was successfully tested

at a media summit on climate change in Jakarta in June and it is hoped that the frequencies of 15650, 17500, 21840 plus a 6 MHz frequency be allocated for sole use in such emergencies.

David Ricquish then gave a talk on radio from New Zealand and South Pacific, starting with the answer to his overnight homework question of how many Pacific radio countries are there listed in the current WRTH. Mike Terry correctly stated 30. David runs the Radio Heritage Foundation website, which is packed full of news and views of radio, mostly in that part of the world but not limited to it. <http://www.radioheritage.com/> He gave us news of some Pacific MW stations and also voiced a point - which is becoming ever more heard in DX circles - that the future of DXing may well be that of a heritage hobby, documenting and celebrating the past.

We then all caught an Italian train a couple of stops up the line to the picturesque town of Tende, with many of its medieval buildings intact, built among the mountains with houses performing amazing balancing acts as they stack up on each other in the rocky terrain. In beautiful sunshine we ate al fresco at a restaurant popular with locals enjoying a leisurely Saturday lunchtime.

Christian took us for a tour, winding ever upwards along narrow streets, visiting three churches (Our Lady of the Assumption, Chapel of the annunciation of the White Penitents and Chapel of Mercy of the Black Penitents) and admiring stunning views as we went. Although the Catholic churches were stunningly decorated inside, the most exciting find of the afternoon was probably the three vintage French radios on display in a small cave-like museum that also displayed agricultural implements, kitchen items and old typewriters. The most dramatic was an Excelsior 55, made in 1954 by SNR (Societe Nouvelle Radio). Also on display was a late-1950's Schneider Ménestrel 2-band portable.

After a few hours in the sun, we returned by train to Le Prieuré, where we reconvened for an update of the EDXC country list

which is being updated by Kari Kivekäs and Jan-Mikael Nurmela. This was followed by a fascinating talk on the history of Radio Monte Carlo from Christian Ghibaud

Anker Peterson from the Danish SW Club International then gave a presentation on the radio stations he heard while on a cruise from New York to the Caribbean. While reception was not possible in his cabin, he was pulling in many signals from passing islands up on deck.

Alexander Beryozkin showed us photos of the new clubhouse that the St Petersburg DX Club are building and also proposed his home city as the host for EDXC 2015. Things were rounded off with a moving film of the Horby transmitter site in Sweden. The conference sessions concluded with some more high quality canapés, cassis and grenadine and then the traditional evening EDXC "banquet" dinner.

On the Sunday we enjoyed a "three countries on one day tour", arriving for a morning coffee break in the Italian coastal town of Ventimiglia, before heading on for a hot afternoon in Monaco, which gave something for everyone, be it a tour of the Royal Palace, a lunch and a beer on a shaded terrace or a gawp at the impossibly large and expensive ships in the harbor. The evening saw us all back in Nice with another chance to try out more of its many good restaurants and bars and to sample the atmosphere of puppeteers on the Rue St Françoise de Paule, singers on the Quai des Etats-Unis and a bustling old town centre.

On Monday we had another packed day in Nice, starting with a visit to Jewish community radio station Radio Chalom Nice 89.3 (RCN), which celebrates 30 years on air in November. Our guide around the well-hidden studios, off the Place Masséna, was Yossi Benavraham who had to interrupt the tour to make on air announcements! As well as on FM 89.3 MHz (2 kW from Mont Leuze, Nice) RCN will launch on DAB+ in November.

Boarding the City of Nice Tourist Train, we then took in many of the sights of the old town before a wine tasting and Nicoise

buffet for some, a tasty vegetarian Lebanese lunch for others.

Later that afternoon we visited Christian community station, Radio Chrétiennes Francophones (RCF) which broadcasts throughout France (and Belgium) on FM. Their local studios in Nice are on the first floor of Le St Paul Hotel in Nice, where some of us had been staying, unaware it was also home to a radio station! RCF engineer, José Garcia told us they broadcast four hours daily of local programs, carrying network programs at other times. RCF could be heard locally on

96.6 MHz (Nice - Mont Alban 1 kW) and 96.8 MHz (Cannes 1 kW) – confusingly the RDS on the Cannes frequency was ‘RCF-NICE’, and on the Nice frequency, just ‘RCF’! RCF had no plans to go on DAB+ because of the expense. José was also a DXer as he produced a small Tecsun 310 from his pocket and admitted trying to hear Italian private station AM1 on 1350 kHz recently! After a photo call in the studios, we said thanks to José, bid farewell to those delegates flying back home and thanked Christian Ghibaudo for organizing such an enjoyable conference!

## Shortwave News

# 1. Shortwave's Newest Broadcaster Global 24 – Takes to the Air at 7:00 pm Eastern on October 31 on 9395 kHz.

For Immediate Release:

October 22, 2014; Hollywood, FL

Global 24 Radio LLC announced today that its inaugural broadcast will go live at 7:00 p.m., Friday, Oct. 31 (0000 UTC November 1), with a line-up of new and well-known programs and around-the-clock English language programming. The broadcast can be heard 24 hours a day, 7 days a week on 9395 kHz on WRMI broadcasting from Okeechobee, Florida.

“We’re very excited about launching Global 24 and the important contributions it will make to shortwave radio listening – as both a medium worth preserving and a vital part of the modern media mix for so many listeners around the world,” said Phil Workman, general manager of Global 24. “Our broadcast will appeal to dedicated shortwave listeners (SWL) all over the world looking for breaking news, opinion and music.”

Global 24 aims to revitalize the shortwave medium by bringing general interest news

and entertainment into sharper focus for listeners looking for high quality programming on a daily basis. Regular listeners will be informed, entertained and engaged in an ever more complex world.

According to Jeff White, general manager of WRMI, “Global 24 represents another step in the long overdue commercialization of shortwave radio. We are excited to be working with them on their ambitious program to engage and entertain a global audience.”

Additional press releases in coming days will announce our broadcast schedule, our Listeners’ Club, contests, sponsors, our web store, staff and much more. Follow us on Twitter at @Global24Radio or on Facebook at <https://www.facebook.com/global24radio> Visit our website: <http://www.global24radio.com/> to join our email newsletter for the most current updates.

<http://about.global24radio.com/for-immediate-release-shortwaves-newest-broadcaster-global-24-takes-to-the-air-at-700-pm-eastern-on-october-31-on-9395-khz/>

## 2. Francesca Unsworth Appointed Director of the BBC World Service Group

BBC Media Centre, 20 October 2014

Francesca Unsworth has been appointed Director of the BBC World Service Group, it was announced today.

In this role she will lead the BBC's global news services - BBC World Service, BBC World News and BBC.com/news - as well as BBC Monitoring, and will chair the BBC's international development charity, BBC Media Action. The BBC's global news services have a weekly audience of 265m.

Fran will also continue to act as deputy to the Director of News and Current Affairs.

Director General of the BBC, Tony Hall, said: "I have known Fran since she joined the BBC and watched in admiration as she has become that rarest of things: a lifelong BBC insider who thinks like an outsider. Her range of skills and experience combined with a quite exceptional gift for management makes her exactly the right person to take over the enormously important job of directing the World Service Group. I am thrilled with her appointment."

Director of BBC News and Current Affairs, James Harding, said: "Fran embodies the best of the BBC: she is thoughtful and enabling, tireless and determined, interesting and smart. Fran is already known for her record in fighting for journalistic freedom and free expression. I know she will prove an inspiring and respected director of the World Service, inside the BBC, in Britain and around the world."

Fran Unsworth said: "Today is the proudest day of my professional life. I do not take on

lightly the responsibility of looking after a part of the BBC with such a proud history. I promise to be the guardian of the best of the BBC's values of independence, impartiality and fairness in our international services, while continuing the successful modernisation of the World Service Group to take our journalism to new audiences worldwide."

Fran began her journalistic career in 1980 in BBC Local Radio joining Radio 1's Newsbeat. She spent a spell as a network radio producer in Washington DC and later joined Radio 4's The World At One and PM.

Fran was appointed the BBC's Home News Editor and then, in 2001, Head of Political Programmes. In 2005 she became Head of Newsgathering, running one of the world's largest newsgathering operations with bureaux across the world.

Between November 2012 and August 2013 Fran was the BBC's Acting Director of News and Current Affairs. She is currently Deputy Director of BBC News and Current Affairs.

Fran will become the first female director in the 82-year history of the World Service. She will take up her new post on 8 December 2014. She replaces Peter Horrocks, who announced earlier this year that he was leaving the BBC.

Her appointment follows a competitive recruitment process.

<http://www.bbc.co.uk/mediacentre/latest-news/2014/francesca-unsworth-ws>

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

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

## Shortwave Research

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

# To Be Where the Audience Is: Report of the Special Committee on the Future of Shortwave Broadcasting (Part 2)

## SECTION TWO: ASSESSING THE EFFICACY OF SHORTWAVE

The Committee's ultimate task was to understand and report on the efficacy of shortwave broadcasting as both a stand-alone technology and relative to other means. Like any other medium, shortwave has its advantages, disadvantages, and relative costs. The combination of today's austere budgets and the availability of other content mediums to our audiences calls for a depth of analysis that has, arguably, not been required before. An examination of the historical record and interviews with those that served in the BBG's networks in the 1980s and earlier provide testimony to the past importance and impact of shortwave broadcasting, direct connection with U.S. national security and foreign policy, and expansive budgets. While the demands for the availability of factual news and information to our audiences have increased in more places, on more platforms and across more languages,<sup>6</sup> the BBG's funding levels have continued to decrease, including in the FY 2014 Omnibus funding appropriation. Present and anticipated future fiscal realities mean the relative impact and value of shortwave must be considered. However, regardless of the funding situation, the Board is required to determine the right approach to reach and empower our audiences in support of the mission of the networks and the agency.

### Understanding the Platform

During the first meeting, the Committee members sought a foundational understanding of how shortwave radio functions and how each of the BBG's networks uses shortwave to reach their audiences. This gave the Committee insight into the end user experience with the technology, including the opportunities it creates and the limitations it suffers, as well as awareness that not all shortwave users are reliant on shortwave to access BBG content.

The Technology, Services and Innovation's Director of Broadcast Technologies presented an overview of how shortwave functions and how it performs differently than FM and AM. The fundamental value of shortwave is its potential of reaching very long distances and covering vast areas. Shortwave transmission does not require a presence within the target countries or in nearby countries, and thus is not subject to the political constraints of some other broadcast technologies. For comparison, FM coverage is "line of sight," thereby providing only local coverage. AM radio transmissions can cover large areas, but are more subject to interference from signal "pollution." Furthermore, AM transmissions may not reach as far as needed for targeted audiences (shortwave can cover larger areas); have their longest reliable range during nighttime hours; and are further hampered by a dearth of availability in some of the most desirable areas. Perhaps most important is that under international agreement, FM and AM are consid-

ered "domestic" transmission platforms and are therefore subject to national licensing regimes and spectrum regulatory law. In contrast, shortwave is recognized by the International Telecommunications Union (ITU) as an "international broadcast service" intended for cross border broadcasting.

There are several drawbacks and weaknesses associated with this means of delivery. Audio quality is substantially limited by the medium itself and is also somewhat volatile and subject to degradation by external factors (e.g. electrical noise, electronic devices, etc.), thereby making it difficult to produce a consistent and rich audio experience for listeners. Necessary seasonal changes in frequencies, and sometimes broadcast times, also differentiate shortwave from using FM or AM.

Historically, transmissions to some of the BBG's most important shortwave targets have been heavily jammed by local governments (e.g. China, Cuba, and Iran) both by using local transmission of noise patterns that distort and overwhelm the original signal and often, in large urban areas, by the hijacking of the frequency with a stronger local signal that effectively overwhelms the BBG's longer distance transmissions and replaces them with the local government signal. The BBG's licensed international frequencies in cities like Beijing, Shanghai and Hong Kong, for example, are completely and intentionally overwhelmed by National China Radio signals.

## **Digital Shortwave and Consumer Demand**

The Committee reviewed digital shortwave, known as Digital Radio Mondiale (DRM). The Committee heard in several forums that DRM has matured over the past decade, and now has the ability to provide the listener with almost CD quality audio, as well as deliver text, images, and low motion video over a standard shortwave broadcast channel.

Despite these capabilities, DRM has failed to capture any significant market share due to a lack of affordable receivers inside and

outside of our target markets, a general downtrend in shortwave usage, and the concomitant lack of adoption by the overwhelming majority of broadcasters.

For comparison, a full satellite reception setup in China that includes a Ku Band dish, the satellite receiver and all necessary cabling, receives video, audio and data and costs less than \$50, whereas the price for DRM receivers starts at twice that while offering access to substantially less content in few formats.

While Russia appears interested in DRM for domestic use and possibly international use (there are also suggestions that China is exploring DRM for domestic use), it is the Committee's estimation that it is unlikely that DRM will become an established mass media distribution methodology in enough of the BBG's current or future markets to justify the costs of updating our infrastructure to support this technology. The Committee learned that while India is investing in DRM for both domestic and international use (including Russian to Russia and Russian-language territories), it intends to end this investment because the technology does not support their mission or goals.

The Committee does not believe that the BBG's networks will generate enough consumer demand for DRM hardware to cause the necessary decrease in the cost of receivers or to drive other broadcasters to our current and future target markets to increase availability of other digital programs. The richness of experience from Internet material on fixed and mobile platforms, satellite distribution of TV and radio, and the constantly dropping price points associated with these technologies strongly suggests DRM adoption by our current and anticipated future audiences will be minor and most likely by those with access to other technologies.

## **Shortwave Alternatives for Certain Markets**

In markets for BBG priority languages, BBG programs are available through several mediums. In broad terms, shortwave has

a decreasing user base in most countries, often to the point of marginal access and impact. In a number of our priority markets, BBG programming is accessed primarily through television, reflecting these audiences' desire for visuals. In other priority markets where the bulk of our audience comes from radio, FM is the most popular waveband for tuning in, when it is available.

Meanwhile, the expansion of the satellite TV/radio installed base continues to grow exponentially in most of the BBG target markets. Satellite dishes, especially smaller and affordable Ku Band dishes, are now ubiquitous in the Middle East and spreading rapidly throughout Africa, Central, East and Southeast Asia.

Internet access via fixed, and especially mobile, platforms continues to experience dramatic growth in these areas as well and, despite substantial effort by some regimes to censor access to the Web and other Internet-based resources, usage of Internet firewall circumvention tools and techniques continues to grow. The BBG's substantial efforts in this arena continue to demonstrably enable unfettered access to online information for large numbers of individuals in places like China, Vietnam, Iran, Syria, Saudi Arabia and many other countries that censor the Internet.

Many of BBG's target audiences tend to use multiple platforms and are not exclusive to one means of delivery. In Nigeria and Burma, for example, it is evident that while young adults use shortwave at similar rates as the overall population, they are at least equally, if not more, likely as the overall population to also use other platforms, such as television and Internet. Politically engaged adults in these markets, as another example, are likely to use shortwave radio, but they are also more likely to use it in conjunction with other means of delivery. Research across countries and regions strongly suggests a pattern of multi-platform consumption developing in markets where shortwave is used.

In markets where in-depth and reliable data is not yet available, there are strong inferences that many of BBG's audiences who

appear to rely on shortwave actually have other mediums available to them. In many of these references, the top three target demographics are unlikely to use shortwave exclusively or at all.

Data received as this report was being completed provide dramatic illustration of the rapid decline of shortwave even in markets where it historically has been robust. New data from Burma, where media choices have expanded rapidly since that country's recent political opening, indicate that weekly shortwave use has declined from 34 percent to 15 percent in a space of some 18 months. New data from Nigeria, the country with the largest known population of shortwave users in the world, shows weekly usage of shortwave declined from 25 percent two years ago to 15 percent today.

## **A Valuable Medium for Some Markets**

Shortwave continues to be a relevant means of delivery in several African markets, namely Sudan's Darfur region, Ethiopia, Zimbabwe, Guinea, DRC, and Northern Nigeria. In Sudan, shortwave use has increased as their security situation has declined. In Zimbabwe, VOA's weekly radio reach was measured at 9.2 percent (9.9% including all other means of delivery) in October 2013. Eighty percent of weekly VOA Zimbabwe listeners usually tune in via shortwave. Shortwave continues to be essential for Sudan and Zimbabwe as alternate means of accessing VOA (e.g. audio via satellite, the Internet, or mobile) have not yet been embraced by a critical mass of VOA users in these markets.

In Burma, Tajikistan, and with some qualifications, Belarus, shortwave continues to be widely used. While Belarus still has 23 percent of its weekly BBG audience attributable to shortwave, most of those who use shortwave to listen to RFE/RL Belarusian use other means of delivery to consume BBG media and are unlikely to be lost if shortwave were unavailable. A drawdown of shortwave transmissions in this market would result in a decrease in BBG's weekly audience of 0.4 percent of adults, unless

they migrate to other means of delivery if shortwave is discontinued.

This is based on an extremely small sample size (7 cases), making it impossible to determine more about the demographics or media use of shortwave listeners, but research shows that weekly Belarusian shortwave users are likely to also use AM radio weekly (57%) and the Internet weekly (58%), and that some have satellite dishes (18%), which means they could watch BBG's TV currently broadcast to Belarus.

In no surveyed market, other than those mentioned above, is the audience that uses shortwave exclusively a large component of the overall audience (greater than 20%) or in one of our top three targeted demographics for a particular market.

Even in countries with currently significant levels of shortwave usage, available evidence suggests that audiences turn to other more convenient and user-friendly means of delivery when those become available. Many countries that once had robust shortwave audiences have seen dramatic declines in the usage of that medium over the past decade. Moreover, with the very rapid spread of FM, terrestrial and satellite television, and digital and mobile technologies, the pace of this migration appears to be accelerating. The evidence of sharp declines cited above in such historical bastions of shortwave as Burma and Nigeria illustrate both the speed of the migration away from the shortwave platform and the near ubiquity of alternatives. Given the current pace of change, it seems likely that within the next 2-5 years, very few of BBG's current and anticipated future markets will have sizable audiences in target demographics that rely exclusively on shortwave to receive BBG programming.

## Public Comment

The Committee posted a request for public comment (in English) on the BBG's use of shortwave and sent out individualized solicitations to many experts and stakeholders for their views. The Committee received 157 responses over a nearly three-week period.

Respondents self-reported diverse backgrounds and varied connections to the platform. Some said they listened to shortwave, while many were shortwave enthusiasts or amateurs. Others worked in the shortwave industry or were academics researching the use of shortwave. Only 15.3 percent indicated that they listen to BBG shortwave programming. Forty-one percent reported that they live in the U.S. Overall, 91.1 percent of the respondents indicated support for the BBG's continued use of shortwave though the vast majority of these recommendations did not include fact-based arguments and often referenced past consumption. The Committee values the interest and input of those who responded.

## Shortwave as a Crisis Platform

The Committee heard from many, including 16 percent of the respondents to the public request for comment, that shortwave is a go-to means of delivery for a crisis, such as military invasion, civil war or natural disaster, which results in a cessation or interruption of pre-crisis media and communication technologies. While every crisis is different, especially with respect to the impact on media and information availability, the BBG has found no recent evidence that shortwave usage in fact increases in such situations. There have been very few crises in recent years in which all means of communication other than shortwave have been interrupted for any substantial period.

In Egypt, for example, in a survey run just a few months after the start of the 2011 revolution, only 1 percent of respondents said they were using SW radio; no radio station of any type was named as one of the top sources of information. In Syria, early in that country's civil war, only 7 percent said they were using SW at all, and no international radio station was among the top three information sources (over 90% said they relied on TV to follow the crisis).

In Haiti, VOA achieved huge audiences in the aftermath of the 2010 earthquake in spite of the destruction of all local FM stations. VOA broadcast's to Haiti were in


FM, the dominant medium in Haiti, by way of the Commando Solo aircraft, which the Department of Defense made available to the BBG as a relay platform.

In the aftermath of the disputed 2009 elections in Iran, when satellite TV broadcasts and international websites were being blocked by the authorities, only 5 percent reported turning at all to international radio stations to follow the news. This figure is not higher than that of previous years.


Advocates of the argument that shortwave is used and needed in crisis situations note that shortwave receivers are affordable and no third party infrastructure is necessary. However, the general assumption that people own or could easily purchase a receiver is not supported by events over the past decade. In cases where the local government sent shortwave radios to disaster zones, there is no evidence of increased use of shortwave beyond the recovery or the resumption of service of other technologies.

Anecdotal evidence from trips to BBG's target markets where shortwave is or recently was an effective medium, as well as similar anecdotal evidence from other Western broadcasters, suggests that shortwave-capable radios are decreasingly available for purchase in many of these markets. The BBG's research over many years shows that ownership of shortwave radios, or shortwave-capable radios, does not necessarily mean that owners know how

to use shortwave or access our content on shortwave. In Iran, while 36 percent report having a shortwave-capable radio, actual weekly usage of shortwave has consistently remained at 5 percent or below, in spite of jamming and interference with satellite TV and significant Internet censorship. As reported by research from the BBC and the BBG, it is difficult to purchase a shortwave radio in Iran because of an overall lack of consumer demand for the sets has resulted in severe lack of availability. Past consumer behavior and anecdotal evidence strongly indicate that once a market loses touch with shortwave, the consumer is unlikely to return to the medium.

At the same time, younger audiences, a substantial portion of populations in our current and future target markets, are decreasingly likely to purchase or use shortwave devices. Across the globe, young news consumers are turning to television, FM radio, mobile devices and social networks to access news information. This remains true in today's crisis situations — such as Syria, Ukraine, Venezuela and the Central African Republic — where there have been significant interruptions of Internet services and, in some cases, broadcast services. Because of the essential nature of the Internet and other communication services, in all cases these interruptions were short-lived and measured in hours to, at most, a few days. In that time, audiences did not rush to shortwave, which is — or is quickly becoming — an unfamiliar technology. 

## NASWA Facebook Page

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

# Listener's Notebook

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Times are UTC and frequencies in kHz.

**ANTARCTICA** 15476, *LRA 36, Radio Nacional Arcángel* San Gabriel, I've sent a reception report for transmission between 1953-2012, 21-08 to the e-mail address lra36@hotmail.com and they reply in one month: Translation: "Good afternoon Manuel, It is a pleasure for us to receive your news. We greatly appreciate your information and makes us happy that our signal has been received in Spain. Again, thank you very much. Greetings from Base Esperanza, Ignacio Roman Labrousse, LRA 36 "Arcangel San Gabriel" CAI 2014 - Base Esperanza". (Manuel Méndez-Spain/PlayDX) 15475.973, LRA36/R. Nacional Arcangel San Gabriel. 2146:40 "Radio Nacional Arcangel San Gabriel" ID by the W with ment of "kilohertz", possibly "banda de 19 metros", possibly "Antartida", definitely "Argentina", and another "Radio Nacional" ID!!! More nonstop Rock and Alternative mx. Finally went off in mid-song at 2242:55. The audio level seems to vary from one song to the next at times. Had best audio in USB with the AGC off. The highlight of the DX season, so far. 29 Sept. (Dave Valko-PA/PlayDX) For the first time in several years I can hear LRA36 at poor to fair levels at 2040 tune in. I'm "cheating" though, being on a cruise ship off the northern coast of Peru. Using just the short telescopic whip on the Eton e100, and extending my arm out in the slipstream on the side of the ship, there they were with music and Spanish programming. Deep fading, with improvement to almost good level. As we're sailing south, reception should continually improve, as we round the Horn. With luck, I'll record some decent audio. All this on October 20<sup>th</sup>. (Walt Salmaniw/DXplorer)

**ARMENIA** 4810, *Armenian National R*, Noratus, Gavar, 1433, Oct 09, Farsi to Middle East. (Ivanov-Bulgaria/DX Window)

**AUSTRALIA** 11699.989, Opening hymn and welcome to HCA "Reach Beyond Australia" outlet of Kununurra TX facility in Australia, in Easy English, mentioned Voice of America "Special English" program history. At 1130 on Oct 20, S=8 fluttery into southern Germany. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Oct 20)

**AUSTRIA** *Trans World Radio - Europe* Winter B14 from Moosbrunn:

0645-0700 on 5910 Polish Mon-Fri  
0800-0820 on 7400 English Daily  
0830-0845 on 7400 Polish Mon-Fri  
1500-1528 on 9470 Russian Tue-Sun  
1500-1528 Belorussian Mon  
(Bernhard Schraut, TWR-Europe, Vienna Office, Frequency Coordination, Postfach 141, A-1235 Vienna, Austria)

**BAHRAIN** 9745, *R Bahrain*, Abu Hayan, has not been heard since Sep 24. (Pankov-Bulgaria/DX Window, Oct 06)

**BHUTAN** 6034.952, *Bhutan BS*. I am sure this will get to N. America. Bhutan doing very well on 6034.954 at 0100 in typically Bhutanese mx and local language. (Victor Goonetilleke-Sri Lanka/DXplorer) 6034.95, Sep 27, 1214, BBS. Pop mx as soon as R. Marti went off 1159. Instru. mx to ToH, M annr in apparent Dzongkha for a minute, pleasant instru. mx bridge, then same M w/nx, all // stns webstream. 1214 plucked instru. mx bridge, then M annr, and into more stringed instru. mx at 1217 but fading quickly. This continues to improve. 27 Sept. (Dave Valko-PA/SWbulletin) 6035, BBS, Thimpu. Quite exceptional tonight, vocal group 1226, flute mx 1230, ID and talks in vernacular. Phone interview 1231. Best using LSB, 29/9. (Craig Seager-Australia/ARDXC)

**BOLIVIA** 3310.00, *R. Mosoj Chaski*, Cochabamba; 3/10 2338-2352 44444 mx, Quechua ID "Radio Mosoj Chaski" advs. (Pedro F. Arrunátegui-Perú/DXplorer)

4409.80, *R. Eco*, Reyes, Beni; 29/09 2320-0020 33333 mx, ID "Radio Eco desde el departamento del Beni". (Pedro F. Arrunátegui-Perú/DXplorer)

4699.9, *Radio San Miguel*, Riberalta noted (Oct 22) 2350 for the first time in about a week. (Bob Wilkner-FL)

6024.98, *Red Patria Nueva*. 0955 end of nx pgm at t/in, ad block starting w/several IDs. Beautiful ID/promo at 0959:40, time ticks, 1000 fanfare and

another ID/promo. Great strength and best heard. 29 Sept. (Dave Valko-PA/PlayDX) 6025.00, R. Patria Nueva, La Paz; 11/10, 0351-0405 44444 12 de Octubre ID "Red Patria Nueva" mx ID "Siga por Patria Nueva" (Pedro F. Arrunátegui-Perú/DXplorer)

6105.35, **R. Panamericana**, La Paz; 11/10 1140-1210 22222 news TAMBIEN 14/10 1040-1205, 15/10 1110-1150, 16/10 1140-1205 y 17/10 1115-1150 22222. ID "Bolivia importa... atención las emisoras que conforman la red Panamericana del interior del país, en unos instantes el departamento de noticia de Panamericana, presentará su noticiero..." (Pedro F. Arrunátegui-Perú/DXplorer)

6155.10, **R. Fides**, La Paz; 1/10 2310-2335. ID "Desde Fides estamos presentando..." (Pedro F. Arrunátegui-Perú/DXplorer)

**BRAZIL** 4865.00, **R. Verde Florestas**, Acre; 8/10 0205-0230 44444 mx, ID "Radio Verde Floresta..." (Pedro F. Arrunátegui-Perú/DXplorer)

4885.00, **R. Dif. Acreana**, Rio Branco; 5/10 0410-0435 33333 ID "Radio Difusora Acreana..." (Pedro F. Arrunátegui-Perú/DXplorer)

5939.86, **R. Voz Misionaria**, Camboriú, SC; 11/10 0330-0347 33333 ID "Misionaria..." px religioso y mx ID "Misionaria es una realidad". (Pedro F. Arrunátegui-Perú/DXplorer)

6010.05, Sep 27, 0001, **R. Inconfidencia** back after long absence. Nice to see a reactivation. ID with frequency. Next night at 2255 on 6110.035. (Thomas Nilsson-Sweden/SWBulletin)

9819.90, **R 9 de Julho**, São Paulo, SP, 0410-0420 and 0650-0658, Oct 01 and 11, "Com a Mae Aparecida", religious songs and comments in Portuguese, 34433. (Méndez-Spain/DX Window) Also heard at 0726-0812, Oct 01, Portuguese talk, ID, Christian and Ralf "Chora Peito", I reported here that frequency was 9819.12 about 1 year ago, frequency had continued to be down a little, 34333. (Wagai-Japan/DX Window)

**CANADA** I've been noticing that the Vancouver **CBC** SW outlet is a little off frequency. Earlier in the evening, they were on 6159.978, and now, I'm measuring them on 6159.974, so the transmitter seems to be drifting a bit. No sign at all of **CKZN**, so are they still on the air? All this during the early morning hours of 3 Oct 2014. The signal strength is very good, so I wonder whether there's been any

antenna, and/or transmitter maintenance recently. (Walt Salmaniw-Canada/DXplorer) I think CKZN is on, checking via NJ remote Perseus, carrying different programming than CKZN via western rx's. (Mauno Ritola-Finland/DXplorer) Checked some US/Canadian remote units in 16-17 slot. 6159.972 Could only trace the Vancouver Island unit CKZU, interview of earth gas energy delivers from Russia to China soon. 1635 on Oct 3, on Perseus S=9+20dB or -54dBm on local remote Vancouver unit. CKZN no sign, not heard at present. (Wolfgang Büschel-Germany/DXplorer)

6030, Calgary - **CFVP** relaying CKMX (AM 1060). Oct 13 at 1338 heard comedy in English which I assume was Calgary; heard due to absence of CNR1, but on Oct 14, still no CNR1, not even a hint of Calgary from 1331 to 1505. Completely different propagation! (Ron Howard-CA-USA, wwdxc BC-DX TopNews Oct 14)

**CENTRAL AFRICAN REPUBLIC** 6030 3390, **Radio Ndeka Luka** or **Radio ICDI**. The installation is the same 49 m band with a 1 kilowatt transmitter. We air shows from 5:45 am to 9:00 pm (if security allows). That's 12:45 am (EST) to 4:00 pm (EST). Earlier this year at the height of conflict, the Seleka rebels targeted the radio station. Armed men came up to the station and threatened the staff members' lives directly, but they were saved and are thankful for God's protection. The soldiers were basically closing in, but were distracted and chased after some of their enemies who happened to pass by. After that, the staff told us about how they hid out in the bush for days, evading the rebels. I have attached a few photos from our visit. It is amazing to me that such friendly, jovial men have been through so much! We broadcast evangelistic/Christian shows, national news, music, and peace and reconciliation messages. We also do original reporting on the water projects work and well maintenance visits that our teams provide. The goal is to sensitize communities to our work so that they are better prepared to partner with Water for Good when our teams arrive in the villages to start a project. Some of our content is Sango and other shows are in French. When I was there, the radio station staff expressed pride in the fact that their messages are reaching villages across the country. There are few other forms of communication that reach these populations. On one show, "Bon Week End," listeners from across the country can call in on Saturday and give a "shout out" to friends and relatives, and get a chance to hear their own voices on the radio. The radio director emphasized

that this extremely popular and a big morale boost for the villages. It demonstrates the role the radio station plays in the country-- reaching the rural population that is under-served by most media. Since the conflict started, this same network of listeners has helped the Water for Good station keep rural areas informed about security. Our current model aims to raise some funds in CAR by selling airtime at a reasonable rate to faith-based groups and community development organizations active in CAR. This supports the mission of the radio station and builds some local financial sustainability. At the same time, Water for Good directly covers much of the overhead, and organizations and individuals in the USA can support the radio station by donating funds, expertise, and equipment that will help build up the radio station's capacity. Right now, there are several urgent needs for the station... improved electrical equipment, equipment for reporting/recording interviews, new personnel, training for our current staff, etc. It would be good to know whether or not we can increase the station's wattage without having to change transmitters. We would like to expand our reach to audiences in Eastern CAR. This is a lot of information at once, but I hope that it paints a picture of the vision, strengths, and needs of the radio station. I would be glad to discuss anything in further detail! Please let me know about your interest in getting involved what your contacts, like other short-wave hobbyists in the USA, might be interested in. Sincerely, Adrienne Lane, Director of Development. (Ralph Perry-IL)

**CHINA** *China Radio International* via Urumqi on Sept.22/23:

1400-1457 on 17630 URU English, as scheduled A-14 (DX Re Mix News, Bulgaria)

Some changes of *China Radio International* effective Oct.14

0200-0257 on 9690 NOB Chinese, cancelled  
0300-0357 on 9690 NOB English, cancelled  
1200-1257 on 11910 BEI Chinese, addit. ex REE Sp  
1300-1357 on 11910 BEI English, addit. ex REE Sp  
(DX Re Mix News, Bulgaria)

**CLANDESTINE** *R. Ranginkaman*, R. Rainbow is on the air 1 hour later from Sept.22:

1700-1730 on 7575 KCH Persian Mon/Fri, ex 1600-1630 (DX Re Mix News, Bulgaria)

Media Broadcast changes for *Voice of Oromo Liberation* via Issoudun, additional frequency:

1700-1800 on 17630 Wed Oromo/Amharic // 13830 Oromo/Amharic

1700-1800 on 17630 Sun Amharic // 13830 Amharic

(DX Re Mix News, Bulgaria)

Frequency change of *Voice of Martyrs* from Oct.19:

1600-1730 NF 7530 TAC in Korean, ex 7520. (DX Re Mix News, Bulgaria) 7515, got an E-mail from the radio Voice of Martyrs of the report 5 May. Fq: 7515. (Most probably via Tashkent-Uzbekistan site, Wolfgang Büschel-Germany) (Vasily Lazarev-RUS, "deneb-radio-dx" via RUSdx Oct 19)

Reception on *Voice of Khmer M'Chas Srok* on Oct 8

1130-1200 17860 DB Khmer language.

(Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Oct 8)

17540, *R Impala*, via Madagascar, 1700, Sep 17, opening ann, music, songs by male group, too weak signal. From their website <http://www.fdu-rwanda.com/> from Mar 25, 2014, can be quoted: "The editorial and Short Wave broadcast of Radio Impala broadcasting on 16 meter band and KHZ 17,540 since November 2013 has been hijacked by third parties and is no longer under the supervision of the association Radio Impala asbl, neither under the management of the platform Amahoro People's Congress, FDU-INKINGI and RNC. This regrettable situation has been looming since January 1st 2014 and amicable efforts for redress have been exhausted." (Ashar-Indonesia/DX Window)

**COLOMBIA** 5910, *Alcaraván R*, Puerto Lleras, the last weeks I was not able to receive this station, at sunrise here in Spain. Rafael Rodríguez from the station let me know that the transmitter of Alcaraván Radio suffered a breakdown and is on air in reduced time, but they are working to repair it. (Méndez-Spain/DX Window)

6010.00, *R. La Voz de tu Conciencia*, Bogotá; 2/10 0505-0522 33333 ID "La Voz de tu Conciencia" px religioso sobre el bautismo. (Pedro F. Arrunátegui-Perú/DXplorer)

**CYPRUS (NORTH)** *Radio Bayrak International* obviously is not active on v6150 these days. So, I asked them about possible plans regarding this

channel. Today I received this answer: Dear Harald Kuhl, Thank you for your enquiry about our HF broadcast on 6150 kHz. Unfortunately, the transmission on this frequency has been temporarily suspended. The termination of the service is also being considered, to be decided by the new board of directors next year. Best Regards, Mustafa TOSUN, Gen. Coordinatör (acting), BRT Corporation. (Harald Kuhl-Germany/DXplorer)

**DJIBOUTI** 4780, *RTV Djibouti* noted 10/14 from 2202 tune from Mauno's Perseus site in E. Finland with extended sched - continuous Koran reading from 2202 to abrupt xmtr shutdown at 2246. Vy nice signal - SINPO 45444. (Bruce Churchill-CA/DXplorer)

**ECUADOR** 6050.00, *R. HCJB* (La Voz de los Andes), Quito; 9/10 1025-1045 44444 ID "en quechua indica frecuencias" mx ID "Quito HCJB" 9 de Octubre Independencia de Guayaquil. (Pedro F. Arrunátegui-Perú/DXplorer)

**ETHIOPIA** *Radio Amhara* is back on shortwave. Observed on Sept.30:

1600-1900 on 6090 GEJ Amharic. Co-ch Radio Nigeria Kaduna on 6089.9 and 1700-1800 CRI English. (DX Re Mix News, Bulgaria) Also, reported opening at \*0300. (RAD)

Ethiopia's state broadcaster has now implemented the recent law mandating a change in its name from the Ethiopian Radio and Television Agency to the Ethiopian Broadcasting Corporation. The TV and radio are now identifying themselves on air as "Ethiopian Broadcasting Corporation" or "EBC". On an historical note, I remember them changing from "Voice of Revolutionary Ethiopia" to "Voice of Ethiopia" in 1987, and then to "Radio Ethiopia" in 1994! (Chris Greenway) Reportedly still using Radio Ethiopia ID as well as EBC. (ed/British DX Club)

**FINLAND** 3959.943, Sep 28, 1700, *R Gramox*. Heard often lately, sometimes as early as 1000. They play a mix of Finnish and international music. Only 50W as far as I have found out. Probably impossible to get QSL from. Today (11.10) the frequency is 3959.930. (Arne Nilsson, Gransel, Sweden/SWBuletin) Arthur Miller in Llandrindod Wells has been listening to the low-power 50 watt Finnish station on 3960 kHz: "Radio Gramox seems to be there every evening when I check playing music with very brief announcements. I did hear a Gramox ID

however. The signal strength sounds higher than the stated power would suggest. The station clearly occupies a "niche market" and it's hard to see what group of listeners it is aiming to please. The nearest I heard to something I recognized was a foreign version of Chubby Checker's "Let's Twist Again". At least that's what it sounded like!" According to their website they play old-time sounds from Finland and abroad (pre 1960s, including 78 rpm records) and are also locally on FM. They have a new online stream at: <http://suomiradio.pro:8000/listen.pls?sid=1>. (British DX Club)

25000, *Time Signal Station Mikes*, 1723-1736, 29-09, Time signals. 14321. (Méndez-Spain/PlayDX) Noted while in Italy in October with good signal. (RAD)

**GERMANY** With so many private stations now on the air in Germany this is a full list of what you can hear. Transmitter power of most of these stations is around 1 kW. (Channel 292 is weaker)

3985 *Radio 700*, Kall Krekel

3995 *HCJB*, Weenermoor (parallel 7365)

6005 *Radio 700*, Kall Krekel (including relays of other stns)

6070 *Channel 292*, Rohrbach (including old offshore recordings)

6150 *Europe 24*, Datteln (testing - due to launch soon)

6190 *Hamburger Lokalradio*, Göhren (Wed, Sat, Sun)

7265 *Hamburger Lokalradio*, Göhren (Wed, Sat, Sun) including relays of other stns

7310 *Radio 700*, Kall Krekel (including relays of other stns)

7365 *HCJB*, Weenermoor (daytime - parallel 3995)

9485 *Hamburger Lokalradio*, Göhren (including relays of various stns mainly on Sundays)

*Radio 700* on 7310 was carrying *Polish Radio* in English at 1430-1500 until the end of August with the same programme heard every day. However during September it been relaying *Voice of Mongolia* in English at this time with a different

programme each day, followed by **Radio Slovakia International** in German at 1500. (Edwin Southwell-UK/British DX Club) Mongolia in English via relay in Germany. Contrary to what was previously announced sure to December 31, maybe longer "overwhelming" many reports received! Voice of Mongolia, Ulan Bator reports: vom\_en@yahoo.com. (Christoph Ratzler-AUT OE2CRM <<http://ratzler.at>> BrDXC-Uk Oct 15)

**Trans World Radio – Europe** Winter B14 from Nauen:

0800-0820 on 6105 English Daily  
0930-1000 on 7215 Hungarian Daily  
1500-1528 on 7300 Russian Tue-Sun  
1500-1528 on 7300 Belorussian Mon  
(Bernhard Schraut, TWR-Europe, Vienna Office, Frequency Coordination, Postfach 141, A-1235 Vienna, Austria)

**GREECE ERT Open** has continued to be heard quite regularly on shortwave during September. Frequencies most often active have been 9420, 9935 and 15630 or 15650 kHz, also sometimes 11645, 7450 or 7475 kHz. Up to three frequencies may be in use at any given time. (British DX Club)

**INDIA** 4950.05, **AIR R Kashmir**, Srinagar (tentative), 1345-1420\*, Oct 12, open carrier below threshold level, 1400 improving and some audio heard, steadily fading up, only news and talking; language sounded correct to be them. Calling this tentative based solely on the language heard, no music noted today. But in future, if I do hear nice subcontinent music, then I will call this "presumed". Very nice to hear this again, as not heard in a long time. During my almost daily checking here, have heard nothing at all until today, so seems its Srinagar here. My local sunrise was at 1412. (Howard-CA/DX Window) Except for an open carrier noted on Aug 14 (See DX-Window no. 512), R Kashmir has not been heard since Sep 2013! (Ed/DX Window)

5040/6040, **AIR Jeypore**, Odisha, is not heard lately. When I contacted the station, I was told that the transmitter is under repair and they hope to be back on SW in a few days time. (Jacob-India/DX Window, Oct 08)

**INDONESIA** 4869.92, **RRI Wamena**, Wamena, 1155-1205, Oct 12, popular song, jingle, time signal, ID, news. I always hear such a sound at this time every day, 35333. (Wagai-Japan/DX Window)

9525.89, **V.O. Indonesia**. Signal on at 0955:20 and immediately into mx w/vcl by W to 1000. EG anmt by W over mx but very difficult copy. Later, 1047 pleasant Indo lagu. 1050 W host tlk in EG abt the song, then another song. 1055 promo/ID w/freqs and website URL by M and W over instru. mx, and more lively Indo lagu. Full ID/info promo at 1059. 5 Sep. (Dave Valko-PA/PlayDX)

**KOREA (SOUTH) KBS World Radio** announced in today's KBS Listener's Lounge (at 1100 on 9760 in DRM) that starting October 19<sup>th</sup>, the 1230 transmission to China on 6095 will be temporarily re-timed to 2300 "due to unforeseen maintenance at the Kimjae transmitter site". The re-timed broadcast is expected to last for about 2 months. No mention as to whether the 1130 transmission in Chinese will also be affected. (Alan Roe-UK)

**KBS World** Seoul Foreign relay services in B-14 season, from Oct 26, 2014.

9605 0100-0200 HRI Spanish  
6045 0700-0800 WOF Korean  
9760 1100-1130 DRM Saturday WOF Eng  
7235 1800-1900 WOF Rus  
5885 1900-2000 SOF Eng  
5935 1900-2000 SOF Eng  
3955 2000-2100 WOF German  
5950 2000-2100 ISS French  
6145 2000-2100 ISS French  
9840 2000-2100 DHA Arabic  
3955 2100-2200 WOF French  
3955 2200-2230 WOF Eng  
(KBS Seoul-KOR, via wwdxc BC-DX TopNews Oct 12)

**LIBERIA** 4760, Oct 11, 2357, **ELWA**, Monrovia. "ELWA broadcasting from .... Stay tuned and God bless you" final announcement for the day, rel mx before NA and sign off at 0000:30. Quite strong signal. Has been regular here since Oct 1 when first reported by a Japanese DX-er. A faint carrier noted here already 1800 so probably sign on at that time. (Thomas Nilsson-Sweden/SWBulletin) 4760, I've been hearing presumed ELWA Liberia here the past week as well, usually poor signal, same on remote Perseus rcvrs in Europe. They have supposedly reactivated. (Larry Yamron-PA/DXplorer)

**MADAGASCAR** Posted by Constantine Tchernushenko zav.russkim department **KNLS-Madagascar** will be specific cards, apparently with exotic locale. The project has not yet moves, because of bureaucracy, there need some signatures of officials,

Kogoro cannot get, although the government has changed recently result of the election. And there station is ready, send transmitters, which cost a couple of years at the port in the United States, but our fear them send without final approvals. If something becomes clearer, I'll let you know. Constantine responded to my questions, which I forwarded to the mailing list. About the new cards KNLS, they are not going to update. (via Dmitriy Kutuzov-RUS, rus-radio-dx ng Oct 10, 2014/TopNews)

**MALAYSIA** 5964.702, *R. Klasik*. Found the Koran // to the webstream. M anncr closing the Koran, then canned promo at 1132, and back to rom. mx. 11 Sept. (Dave Valko-PA/PlayDX)

6050.024, *Asyik FM* (reactivated). From 1037, getting better at 1054 promo. 1059 quick jingle, 1+1 time ticks at ToH, then live M anncr again w/poss. ment of Malaysia and ID. Since Asyik FM and HCJB have been off, there hasn't been anything noted on 6050 at this time. 11 Sept. (Dave Valko-PA/PlayDX)

9835, *Sarawak FM*. 1156 Asian Pop ballad to 1200 one short and one long time ticks, then RTM nx by M in Bahasa Malaysian starting w/RTM ID. 1210 nx ended w/headlines and into more Asian ballads. 1213 short canned ID/promo jingle, then more mx. 1117 anmnt block including one w/"That's the Way I Like It" remake of the KC & the Sunshine Band song, then live W DJ. Fair signal mixing w/pres. Xinjiang PBS after abt 1205. Also splash QRM from 9839.85 Vietnam. 20 Sept. (Dave Valko-PA/PlayDX)

11665 Sep 29 1352 *Limbang FM* (via RTM-Kajang) 1352-1400. Surprised to find clear "Limbang FM" mentions/ID + usual ML pop this morning--"klonky" percussion to TOH, 1+1, TC, "berita RTM--Sarawak, Wai FM" until 1403. Big props to Ron Howard for finding out that 11665 will be relaying Limbang FM every Monday @ 1315-1400 & providing a neat audio clip of the 6 Oct. broadcast...1330-1400 6 Oct. (Dan Sheedy-CA/SWBulletin)

**MADAGASCAR** 5010.13v, *R. Madagasikara* - Ambohidrano. Afro music programming at 2025. Fair signal but the carrier was jumping all over the place, varying between 5010.10 and 5010.16 kHz, Sept 25. (Rob Wagner/ARDXC)

**MALI** *China Radio International* via Bamako on Sept.22/23:

1400-1457 on 17630 BKO English, instead of French  
1500-1557 on 17630 BKO English, instead of French  
(DX Re Mix News, Bulgaria)

**MEXICO** 6185, *R. Educación*, México D. F., 0406-0504\*, Oct 01, 06 and 11, classical music, songs, comments in Spanish, "Estamos cumpliendo, Gobierno de la Nación", "Radio Educación, la emisora cultural de México", ID at close: "Radio Educación, 1060 AM, 100.000 watts de potencia, Radio Educación, la radio cultural mexicana", 24322. But on Su Oct 05, 0445-0610\*, heard with extended program which is received better in Spain at sunrise, 0445 program: "La Suprema Corte", ID: "Radio Educación, 1060 AM desde la ciudad de México, 100.000 watts de potencia, Radio Educación, la radio cultural de México", 0500: "Les saludamos cuando comienza un nuevo día, 5 de octubre, escuchen nuestra música en el nuevo día, sigan en la compañía de esta emisora mexicana", music, 24322 at 0445, but 34333 at 0610. (Méndez-Spain/DX Window)

**MYANMAR** 5985.23, Sep 27, 1135, *Myanma R.* Nice signal at 1135 w/apparent nx by M and sound bite from M. 1140 alternating M and W. 1144 usual Asian Pop mx then. W DJ w/mx pgm still going barely audible at 1220. 9730 was already off so couldn't //. This is the best ever heard this freq here. (Dave Valko-PA/SWBulletin)

9730. Okay, my efforts to get a QSL indicating *Padauk Myay FM Radio* for 9730 appears to have hit a dead end here. Interesting reply (usual Myanmar eQSL was attached, not filled out on the reverse/data side) and am not sure if this represents the truth as much as a policy matter. "Dear Mr. Ralph, Greeting from Myanmar. We are very glad to know that you love Myanmar and you pay attention to our Radio stations in Myanmar. Now we've combined Myanma Radio and Padaukmyay together as Myanma Radio to be better presentation for listeners. So now we don't use the name "Padaukmyay". Now we are the same. The program you received is from us. Thank you very much for your report. Hope you enjoy our QSL and program schedule. Sincerely yours, Myanma Radio." npradio.eng@gmail.com. (Ralph Perry-IL)

**NIGERIA** 6089.86, *R. Nigeria Kaduna*. Was hearing this at 2105 w/tlk by M QRMed by 6090 Iran. Iran finally went off at 2121:47 leaving this in the clear and quite nice w/native mx. Poss. ment of Kaduna. Live M anncr w/nice "R. Nigeria Kaduna"

ID at 2129:55. Beautiful clear ID at 2152:50 when signal was peaking at S9+10!!!! 16 Sept. (Dave Valko-PA/PlayDX)

**PAKISTAN** 15730, *R. Pakistan*. 1216 Ment of Pakistan by W as soon as I tuned in. Then Koran intro by M and into Koran recitation. Think the Koran ended at 1225, W anncr. Still in at about the same level at 1235 recheck w/March-like mx. Was off at 1247 recheck. 5 Sep. (Dave Valko-PA/PlayDX)

**PAPUA NEW GUINEA** 3274.992, *NBC Southern Highlands*. 1058 M w/speech in a deliberate manner. Giving a P.O. Box addr. at 1104. Finally ending at 1107 w/alternating voice-over tlk w/ lively island mx, then cont. song. Studio M anncr briefly at 1110, then live speech again. Best heard yet. 15 Sept. (Dave Valko-PA/PlayDX)

3385, *NBC East New Britain*. Nice to see this back on at 0940. Some UTE QRM. Modulation up to normal at 1058 w/"Fields of Gold" by Sting, then into NBC nx at 1101 starting w/usual percussion/bird call signature. Fair signal and no other PNGs noted. 22 Sept. (Dave Valko-PA/PlayDX)

**PERU** 4789.87, *R. Visión*, Chiclayo; 3/10 0012-0032 33333 px Voces y Canciones del Ecuador mx pasillos advs Iglesia Pentecostal la Cosecha ID "Siga escuchando Radio Visión" mx ID "Visión una radio para todos" mx. (Pedro F. Arrunátegui-Perú/DXplorer)

4939.7, Sep 26, 2356, *R. San Antonio*, Villa Atalaya back again after several weeks absence. Nice quiet music. S4. (Thomas Nilsson-Sweden/SWBulletin)

4985.50, *R. Voz Cristiana*, Chilca, Huancayo, 13/10 2340-0005 44444 advs ID "Radio Voz Cristiana FM..." advs Coop. "Radio Voz Cristina lo que todos esperábamos..." (Pedro F. Arrunátegui-Perú/DXplorer)

5024.92, *R. Quillabamba*, Quillabamba, Cusco; 12/10 2250-2310 44444 mx ID "Radio Quillabamba está de aniversario, un saludo. (Escuchar grabación) advs El Vicariato invita a los jóvenes que deseen ser seminarista..." (Pedro F. Arrunátegui-Perú/DXplorer)

9674.85, *Pacifico R.*, 0952-0959 soft rel. mx w/M vclst in SP. Really nice peak at 0958:35. 0959 M anncr w/ment of "...America Latina con nueva ??stra en ?? emisore", then OA choral NA 0959 to

at least 1001 when my recording ended. This was found on the Perseus recording the next day when John Herkimer's tip (Alfredo Cañotes via Horacio Nigro in DXplorer) 9675a, 0410, Radio del Pacifico, Lima reactivated on 9674.86, noted often since 7/9. Played a lot of soft contemporary Christian music. At 0457 extended prgm promos in SS and idents for Pacifico Radio, with frequency & internet info. (Bryan Clark-New Zealand/NZDXTimes)

**PHILIPPINES** 7420, *The Voice of Love*, \*1200-1300\*: As part of an effort to refuse to see my hobby interest die from lack of targets, I've been doing research on the web to try to find other "radio stations", or at least studios in remote places producing programs for relay on the larger rent-axmtr sites. Am starting to see this bear fruit. So, from time to time, I'll share this stuff with you fellows, in the hope it might provide additional targets for you all. So, how about a 'new' Cambodian station? Okay, I admit that's quite a tease, but I've been doing my research and found out some cool stuff. I've started monitoring a fun "new station" this past week (well, probably not new, but new to me, at least) . . . it is called "The Voice of Love" and is a daily radio transmission, in Khmer, produced locally in a Phnom Penh studio by the team of FEBC Cambodia, and broadcast via the FEBC xmtrs in Bocuac, Philippines. They are on the air on 7420 daily, \*1200-1300\* and plays a lot of really funky and cool ethnic Cambodian music, along with inspirational messages and sermons in Khmer. Has a very 'local' Cambodian feel (nice musical bridges, etc.) and other than the xmtr site, feels to me like a Khmer station, through and through. They often sign on early with their interval signal, repeating over and over as early as 1155 UTC or so. The signals have been pretty okay, so far. They have their own website, too: <http://febcbombodia.org/en/about-us/our-history.html>. I am trying to verify them directly, but so far nothing. (It's easy to get Nonie Estabulo to verify via FEBC Philippines, but that's not what I am going after here -- I want an airmail letter with colorful stamps, direct from Phnom Penh, hi.) (Ralph Perry-IL)

**RUSSIA** This is just a short letter to inform you that the Technical Department of *Voice of Russia* did not confirm the information you sent (HFCC Schedule) our way. Although the plans to re-open the VOR SW broadcasts are being considered, at this point nothing can be said for sure regarding its status in the near future. (Gupta in RUS-DX Oct 05/DX Window)

The only broadcast from Russia currently on SW is Adygey Radio, Maykop, which broadcasts via Armavir (Krasnodar/Tblisskaya) on 7325. The schedule until the end of October is Monday and Friday; 1800-1900 Sunday in Adygeyan, Arabic, Turkish and occasionally Kurdish. (Michael Ford-UK/British DX Club) B14 schedule from end of October will probably be one hour later on 6020. (British DX Club)

7325, 1720, R. Maykop, Adygey Republic. YL Adygeyan comm & ethnic songs, ID, sx & off 1800. 243. 19/09. (Michael Ford-UK/British DX Club)

**RWANDA** Probably three 250 kW units at Kigali relay in permanent use, despite another additional separate domestic broadcast service of **Radio Rwanda** Kigali with 50 kW non-directional fountain like antenna signal on permanent 6055, scheduled 0255-2100 Sundays, but Mons-Sats 0255-0600 and 0900-2100. (hfcc website, via wwdxc BC-DX TopNews Oct 12)

**SOLOMON ISLANDS** 9545, **SIBC**. 0845-0857 long list of messages by studio W DJ in Tok Pisin w/many ments of "studio", "transport" and "Thank you for your cooperation and understanding", and a couple ments of SIBC. So obviously a lot of late shipments. Ended at 0857 w/promo, then live W again w/pgm notes including a nice ID w/freqs at 0858 and ment of "Bible reading", sports, and nx, then said "Bible Reading". 0902:40 Good signal at t/in but faded by 0938 check. Getting some splash QRM from the 9540 CNR1 jammer at 1015 check. Nothing on usual freq of 5020. 17 Sept. (Dave Valko-PA/PlayDX)

**SOUTH AFRICA** On recent Sundays the amateur radio programme **Amateur Radio Today** has been audible from 0800 on 17760. (Allen Dean-UK/British DX Club) Has anyone every received a QSL from this broadcast? I have sent a few reports over the years including return postage but never had any response. (ed/British DX Club)

**SPAIN** Campaign to prevent the closure of **REE** (Radio Exterior de España): Upon termination of transmissions REE (Radio Exterior de España), scheduled for 15 October from the S500 Club of Valencia (Spain) we started a protest campaign to prevent its closure. We have prepared a standard letter of protest (in Spanish) and a long list of email and postal addresses to send our complaints. A few more places and political, cultural and social actors comes our voice more possibilities there will be for us to stop this absurd decision. So, we ask you to

send your requests to as many possible directions. You only had to copy and paste (CCO) by the standard letter in the body of the text and put in the subject: NO CESSATION OF EMISSIONS FROM RADIO EXTERIOR DE ESPAÑA. Together we can achieve if we unite. Thank you for your cooperation. (Álvaro López Osuna-Spain) You can get the form letter by sending an e-mail to Álvaro López Osuna: alvak7@gmail.com. (RAD)

**ST. HELENA** Robert Kipp sent me some information on a new **RSH** web site. He was instrumental in getting Radio St. Helena Day's final SW broadcast on the air in 2009. I have some pictures from my visit there in 2010 which I intend to send to the webmaster. I thought I would draw your attention to our Radio St. Helena page at <http://sainthelenaisland.info/radiosthelena.htm> and ask if you have any photos, stories or anecdotes to contribute? I've already had input from Ralph Peters and Tony Leo, but more is always welcome. Regards, John Turner, The Moon, Napoleon Street, Jamestown, Island of St. Helena STHL 1ZZ. (Joe Buch N2JB)

**TAIWAN** 9745, **V.O. Han**. Instru. mx, then tlk by W in CH ending w/ "bye". 2157 canned discussion by M and W. 2159 usual instru. mx filler, same canned annmt over mx at 2200 ToH, then W w/pres. nx. 16 Sept. (Dave Valko-PA/PlayDX) 9745, **V.O. Han**. 1100 clear ID by M, Guanghai ?? ?? but the last 2 words didn't sound like zhi sheng. Had to tune in USB to avoid the 9740 BBC Singapore QRM. 23 Sept. (Dave Valko-PA/PlayDX)

**UGANDA** 4976, **UBC** - Kampala. Fair level of carrier but quite low audio with English anncts and occasional instrumentals at 2020, Sept 25. (Rob Wagner/ARDXC)

**UNITED ARAB EMIRATES** 15215, 1200-1230 **Gaweylon Radio**: Here's the second of the "new" station-like entities I've been able to uncover. Once again, it is a local studio that creates programming which it then gets onto shortwave via a rent-a-xmtr outfit. In this case, it is an uber-cool "station" that is called "Gaweylon Radio" which has programs for India, Nepal, Bhutan and Tibet. The program I have been tuning is their Tibetan Service, so I've been referring to them as "Gaweylon Tibetan Radio". There is a fantastic and funky ethnic theme song at opening and close of the Tibetan transmission; and the program itself is full of very enjoyable music and lengthy monologues in Tibetan ... The Gaw-

eylon Center, located in Dehradun, Uttarakhand, India, is a charitable organization and it turns out they've been on the air for decades. At some point, they partnered with FEBA. Amazingly, my reception report was the first they've ever received in all that time from the Western Hemisphere. Clearly, this is an operation that isn't widely known outside their target region. They transmit the Tibetan Program on 15215 daily at 1200-1230 via Dhabbaya. This is coming in pretty okay right now -- for me in Wheaton, it is there initially fair and then fades in to a decent level by mid-program. They also daily transmit select languages to India/Nepal/Bhutan between 0930-1030, same freq etc. Contact info and further background is all on the website: <http://gaweylon.com/>. (Ralph Perry-IL) According to the station's reply to Ralph, Gaweylon is a Christian radio ministry that partners with FEBA Radio and others to reach out to audiences in the four countries mentioned above. (RAD) Delightful parcel (won't say "once in a lifetime, but easily the coolest I've received since reentering the hobby in 2010) arrived today by registered post from Gaweylon Tibetan Radio, from the Gaweylon Center in Dehradun, Uttarakhand in India! Wonderful and warm letter, CD of Tibetan music, a fat stack of picture postcards and Gaweylon greeting cards (e.g. Christmas, etc.) Also, a most proper, full-data colorful folder-type QSL card showing drawing of tranquil Tibetan mountain temple scene. So, my hunch is paying off, big-time, that tracking down production studios for QSLing purposes would provide many new and fruitful targets. (Ralph Perry-IL)

**USA WRMI** to Begin Relay of *Radio Ukraine International*: Shortwave station WRMI in Okeechobee, Florida will begin a daily relay transmission of the English-language program of Radio Ukraine International on Thursday, September 25, 2014 on the frequency of 11580 from 2330-0000. This transmission will be directed primarily to eastern North America, although it will likely be audible in Europe as well. "We are pleased to be able to provide this service to shortwave listeners at a time when much of the world's focus is on the situation in the Ukraine," said Jeff White, WRMI General Manager. The broadcasts will continue at least through the end of 2014. Listener reports and comments are welcome at [info@wrmi.net](mailto:info@wrmi.net). WRMI Radio Miami International, 10400 NW 240th Street, Okeechobee, Florida 34972. (Jeff White, WRMI News Release, wwdxc BC-DX TopNews Sept 23)

11580, *R. Ukraine International* - Okeechobee FL. Good signal at 2330 s/on in English. Targeted to ENAM but they won't get a very large audience there! I also checked in on the Twente remote receiver, and all indications were that the signal appeared to be booming into Europe. Monitored till s/off 0000 on Sept 25. Nice to hear the Ukrainian version of current events in that part of the world! (Rob Wagner/ARDXC) Well heard in Wyomissing too! (RAD)

25910, 0107, *KLDE* Eldorado TX with low powered Studio to Transmitter Link (STL) in FM mode 15/9 and regular since during our local daytime, classic oldies music format, jingle idents. Signal level varies to good some days, readable in sideband mode and sometimes in FM itself. (Bryan Clark-NZ/NZDX-Times) Also, well heard in North America. (RAD)


**VIETNAM** 7284.970, *Voice of Vietnam* from older Hanoi downtown Me Tri shortwave transmitting site. Program in Vietnamese at 0015 on Oct 19. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Oct 17/18/19)

**YEMEN** *Radio Sana'a* in English was back on shortwave on Oct.2 after break:

1800-1900 on 6135 ALH 050 kW with awful modulation.  
(DX Re Mix News, Bulgaria)

6135, *Rep. of Yemen R*, Sana'a, 1800-1901\*, Oct 02, 08, 10 and 11, English was back on SW after break, news and comments, mentioned "Yemen", Yemeni songs and music, English pop music, song "Gloria" by Laura Branigan, more comments "Republic of Yemen", "Ladies and Gentleman, the end of our program", but with awful modulation, irregular, 23322. (Ivanov-Bulgaria and Méndez-Spain/DX Window)

**ZANZIBAR** 6015, *ZBC R*. Caught the signal coming on the air at 0253, some mx poked through, and then noted the Koran at 0304 recheck, all through the splatter QRM from 6020 CRI Albania. 29 Sept. (Dave Valko-PA/PlayDX)

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

# QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

**DW-RADIO**

We are pleased to verify your report on the reception of DEUTSCHE WELLE.

Date: 11.06.2006

Time: 00:00-01:00 UTC

Frequency: 9825 MHz

Station: Wortradial

Your report has been checked with our schedules and found to be correct. We would appreciate receiving further reports from you.

*Hans Klee*  
Hans Klee - Head of Transmission

DW Customer Service | 63110 Bonn | GERMANY  
 Scott R. Barbour Jr  
 P.O. Box 893  
 INTERVALE  
 N.H. 03845  
 USA

**AUSTRIA: Adventist World Radio**  
 11955 cd. n. ltr. rcvd. in 80 ds. for a postal rpt. sent to: P. O. Box AF595, Adente, GT Accra Region, Accra, Ghana. The cd. features a map of Europe/Aia with transmitter relay site and coverage areas. (Roe-UK).

**BRASIL: Radio Nacional da Amazonia**  
 full color cds of the Amazon River with the Brazil flag superimposed on the right hand side. I sent the station rpts. in May, June and August 2013.

It looks like they are finally going through the mail. (Cooper-PA).  
**CHINA, PEOPLES REPUBLIC OF: China Radio International** 17490 f/d "The Great Family of the Chinese Nation" series cd. #56-52. The cd. shows a "Young Lady from the Qiang Ethnic minority". Also rcvd. a very nice postcard in the same series 56-50 and features two girl from the Bouyei Ethnic minority. (Roe-UK)

**CZECH REPUBLIC: Radio**



Radio Veritas Asia

**VERIFICATION CARD**

NOV 23, 2019  
(Date)

Dear Samuel A. D'Amico,

Your reception report of our Radio Veritas Asia broadcast on 9825 MHz, in the 11:00-12:00 hrs on 11.06.2006 UCT has been verified against our log and found to be correct.

Thank you for your report. Please write again. We welcome more reports, comments and suggestions for you. With best wishes and happy listening!

Sincerely yours,

*Handwritten signature*  
 Dr. GUSTAV L. HERRMANN  
 Audiotape Production Officer

Listeners may write to:

AMBIETHANK, P.O. Box 1086, 50 Sebastian Rd., Secunderabad-500 023, Andhra Pradesh, India. BANDEKPTI, 817 Sakani Bana Apt., Lumbini, Chitwan-1100, Bangladesh. CHITRADANE, 78 Raju Ahmed Dohad Rd., Calcutta-700 016, India. KEMASIGS 2005, Tomlinson 3044, Atlanta 30342, NATIONAL CATHODE, SOCIAL COMMUNICATIONS CENTER, 19 Belmont Place, Columbia S. 291 Lenoir, SOUTHWAVE COMMUNICATIONS CENTER, 120 Lee Street Rd., Aberdeen-450 004, India. SATHYAKADISHN SANCHAR KENDRA, India, Post Box-24, India, WAVE: STILKUS, BA Fudis Street, Thera Rd., Lahore, Pakistan

**STATION NOTES: Radio**  
**Free Europe / Radio Liberty** 9635 via Sitkuni v/s Renata Simononkova, Technology Division. Addr: RFE/RL, Vinohradská 159A, CZ-100 00 Prague, Czech Republic. **Shortwave Radio** 3955 via Sitkuni Email: info@sw-radio.com v/s Viktor Sawatzki **Voice of Malaysia** 9750 Addr: Suara Malaysia / Voice of Malaysia, P.O. Box 11272, 50740

Kuala Lumpur  
 Email: vom@rtm.net.my **Traxx FM**  
 7295 v/s Mrs. Suhaila Mohammed Zaini, Program Manager  
 Email: sue@traxxfm.net...via  
 PLAY DX...Sam.

Hello monkey Richard:

While we have not met, I did observe you at one of the Winterfests in the mid 90's, while you were lurking about the back parking lot of the motel, by the barn with the happy face!

This was a relay but your info is correct. I am getting a QSL group together as I write this and will include you, since you are one of the "older" DX monkeys and have been busy behind the scenes (ANARC) and keeping the other monkeys organized. As we both know, it only takes a shiny object to distract the monkeys and they lose all interest.

Thank you for being one of the monkeys that can master the internet, a radio and convey reports in a manner that is intelligible.

Best to you monkey Richard

Commander Bunny



**Free Europe / Radio Liberty** f/d cd. rcvd. for a reception of a **Radio Farda** transmission (Cooper-PA).  
**ENGLAND: Voice of Vietnam** 12005 via Woofferton f/d "Black H" Mong

Reaching Nations...  
one person at a time.

BIBLICAL  
BROADCASTING

Lady" cd.  
in 35 ds.  
Also rcvcd.  
a charming  
handmade  
bookmark  
made out  
of fabric  
of a young  
Vietnamese  
lady in  
traditional  
costume.  
(Roe-UK).  
RTE Radio  
17495 via  
Wooffer-

ton The station verified my email rpt. to hearus@rte.ie w/ a f/d, excluding site, 2 page PDF attachment featuring a space photo of Ireland and some local scenes in 10 ds. for a special transmission of the all-Ireland Football final. (D'Angelo-PA).

GERMANY: Voice of America f/d new design cd. showing a maintenance rigger climbing a tower at one of the U.S. Government International broadcast stations. (Cooper-PA).

GUAM: Adventist World Radio f/d cd. was rcvcd. from the AWR International

STATION NOTES: Over 60 Radio Pirate 11410 Email: over60dar@rocketmail.com  
Voice of Nigeria 15120 Email: voixdunigeria@yahoo.fr Radio Cairo 17870 v/s Engineer Samia Abdel Hadi, Director Manager of the Wave Propagation Department of the Radio Cairo External Service. Studio DX 3995 v/s Joachim Sinning, QSL Manager. Addr: Im Grund 18, D-27777 Ganderkesee, Germany. Voice of the Strait 4940 Addr: P. O. Box 187, Fuzhou, Fujian 350 012, Peoples Republic of China. WTWW 5085 v/s George McClint, Station Owner. Addr: 6611 Ormond Drive, Nashville, TN 37205 WBCQ The Planet 5110 Addr: 27 Britton Road, Monticello, ME 04760 Voz Missionaria Camboriu 5940 / 9665 Addr: Rua Joaquim Nunes 244, Centro.CEP-883-000 Camboriu, SC, Brasil. International Radio of Serbia 6100 Addr: P. O. Box 72, Hildarska 2, Beograd 11000, Serbia...via PLAY DX...Sam.



Brasilia, May, 24, 2011.

Dear Mr. Richard A. D' Angelo,

Thank you very much for your letter. We are sending you our QSL card to confirm your reception of Radio Senado Shortwave transmissions. We are happy to know that you listened to our station in Wyomissing, USA.

This is what makes shortwave listening so fascinating: you are so far from us, and yet, thanks to Shortwave broadcasts, we are able to reach you.

Radio Senado is a government station. We belong to the Brazilian Senate Communication's Service. Our programs are directed to rural communities and small towns located in Brazil's hinterlands. Our mission is to provide information, culture and notions of citizenship to our audience in the Brazilian countryside.

Besides our shortwave broadcasts, Radio Senado has FM stations in the capital city, Brasilia, and in the cities of Natal, in the Northeast; Fortaleza, in the North; and Cuiabá, in the Midwest.

You can also find Radio Senado in the World Wide Web:  
<http://www.senado.gov.br/radio>.

It is a pleasure for us to find people like you, Mr. Richard, who support Shortwave broadcasts, contributing to its survival and existence worldwide.

Please, keep listening to us! You can send your e-mails to [ondascurtas@senado.gov.br](mailto:ondascurtas@senado.gov.br) or send your letters to the same address you already have. Let us keep in touch!

Best Regards,

Staff  
Radio Senado Short Wave Service  
Brasilia - Brazil.

Relations Headquarters for a f/up rpt. The cd. was a full color picture of the AWR Transmission Site. Cooper-PA).

KOREA, PEOPLES DEMOCRATIC REPUBLIC: Voice of Korea The station verified w/ a f/d "Some of the Street built in Pyongyang" cd. in 107 ds. The package included a copy of the "Pyongyang Times", a folder of Korean stamp information and two small mini-booklets about Korean stamps. (D'Angelo-PA).

JAPAN: Radio Nikkei f/d "60th Anniversary" cd. in 6 wks.(Cooper-PA).

KUWAIT: Radio Free Asia f/d "18th Anniversary" cd. in 2 mos. (Cooper-PA).



rdangelo@aol.com wrote:  
Reception Report

Richard A. D'Angelo  
2216 Burkey Drive  
Wyomissing, PA 19610  
U.S.A.  
[rdangelo@tgr-aol.com](mailto:rdangelo@tgr-aol.com)  
[rdangeloreports.com](http://rdangeloreports.com)

4 February 2006

Radio Voice of the People  
P. O. Box 5750  
Harare  
Zimbabwe  
[rovp@rovp.org.zw](mailto:rovp@rovp.org.zw)

Dear Sir:

It is with great pleasure that I write to tell you that I have heard your radio station, Radio Voice of the People via Madagascar. This is the first time that I have heard your station in a long time. Please accept this report of my reception of Radio Voice of the People. I hope you will find it of interest.

I heard Radio Voice of the People from Madagascar on 4 February 2006 from 1700 to 1756 UTC or from 1900 to 1956 Zimbabwe local time (target listening area) on a frequency of 11,705 kHz.

ply is on the way. Jeff stated that they have moved their shortwave operations from Bata, Equatorial Guinea to Florida in December 2013. Jeff sent a PDF copy of their current program / broadcast schedule as an attachment. (D'Angelo-PA).

**VATICAN: Radio Vatican** a full color "Pope Benedict" QSL cd. was rcvd. along w/ a program schedule. for a broadcast of their African Network program. (Cooper-PA).

**UNITED ARAB EMIRATES: Radio Free Asia 11695 via Dhabayya** The station verified my email rpt. w/ a f/d "18 Years of Broadcasting" cd. in 5 ds. Also rcvd. a program schedule, station sticker and a fact sheet. The "Site Box" on the QSL cd. was checked as "Asia". (D'Angelo-PA).

**USA: Radio Africa Network 17790 via Okeechobee** The station verified my email rpt. in 3 hrs. from v/s Jeff Bernald promising a postal re-

**STATION NOTES: Radio Aparecida 11855 v/s Antonio Celso Pinelli**, Gerente Operacional. Email: [pinelli@radioaparecida.com.br](mailto:pinelli@radioaparecida.com.br) Addr: Avenida Getulio Vargas 185, Caixa Postal 2, CEP-12570-970 Aparecida, SP, Brasil.  
**Henk Skyline International 3905** Email: [skylinehorizon221@hotmail.com](mailto:skylinehorizon221@hotmail.com)  
**Radio Serbia International 6100** Email: [radioju@sbb.rs](mailto:radioju@sbb.rs) King Shortwave 6211 Email: [kingshortwave@hotmail.com](mailto:kingshortwave@hotmail.com)  
**Borderhunter Radio 6280** Email: [borderhunterrado@hotmail.com](mailto:borderhunterrado@hotmail.com)  
**Free Radio Service Holland 7600** Addr: PB 2702, NL-6049 ZG Herten, Holland. Sender Grense 3320 v/s Sikander Hoosen, QSL Manager. Email: [hoosen@sentech.co.za](mailto:hoosen@sentech.co.za) **Magyar Radio 3975**

Email: [valyi.geza@radio.hu](mailto:valyi.geza@radio.hu)  
**Radio Voice of Oromiya 6030** v/s Kabtamu Darge Gudeta. Email: [habtamu\\_darge@yahoo.com](mailto:habtamu_darge@yahoo.com) via PLAY DX...Sam.

TÜRKMENISTANYŇ  
MILLI  
TELERADIOKOMPAŇIYASY



НАЦИОНАЛЬНАЯ  
ТЕЛЕРАДИОКОМПАНИЯ  
ТУРКМЕНИСТАНА

744000, Ашгабат ş, Mollanepes köç., 3, Tel.: 35-15-15, Faks.: 35-14-21  
744000, г. Ашгабат, ул. Молланепеса 3, Тел.: (993 12) 35-15-15, Факс: (993 12) 35-14-21

№ \_\_\_\_\_

..... 2002g

Richard A. D'Angelo  
2216 Burkey Drive  
Wyomissing, PA 19610  
U.S.A.

Dear sir, Richard A. D'Angelo !

We received your letter, and we are wery pleased that the voice of Neutral Independent Turkmenistan have been heard. We are must grateful to you for such a good news.

We are glad to verify that a signal caught by your receiver is of the Turkmen radio station on the frequeny 5015 kHz.


Sincerely yours,  
Kakali Garaev

  
The chief of the technical department

Pretty good QSL  
Column this time  
around - a full  
four pages!!!

Thanks to every-  
one including our  
new reporter...  
John Cooper, who  
can be contacted  
at 734 Sally Ann  
Drive, Lebanon,  
PA 17046

Till next month.

  
31102

# Contributors' Page

## DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Rick BARTON, El Mirage, AZ

Bob BROSELL, WI

John COOPER, Lebanon, PA

Rich D'ANGELO, Wyomissing, PA

John & Sandra DAVIS, Columbus, OH

Jim EVANS, Germantown, TN

Robert FRASER, Belfast, ME

Glenn HAUSER, Enid, OK

William MCGUIRE, Cheverly, MD

Ralph PERRY, Wheaton, IL

Alan ROE, Teddington, UK

Dave TURNICK, Sinking Spring, PA

Robert WILKNER, Cedar Key, FL

HQ-200, HQ-120X, SP-600, R8, outdoor wires, slinky

NRD-545, Eton E1, Sony ICF SW 77

WR-G33DDC, RF Space SDR-IQ, Sat 750, PL-660,

ALA1530+, SWL sloper

RX340, Alpha Delta DX Sloper

R-390 & 391As, Mackay 5050A, WJ HF-1000A, 42'

Windom, 16' end fed

R75, RX340, E1, ICF-SW7600G, G6, 90' lw, ALA100M

Eton Mini 300, whip antenna

FRG-7, DX-398/ATS-909, YB400, ICF SW-07

DX-380

R8B, NRD-545, E1, 355' bi-dir LW

Winradio G31 Excalibur, 17m long wire

RX340, WinRadio, Alpha Delta DX sloper

535D, R8, IC746Pro



2000-5900 kHz

## Tropical Band Loggings

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

- 2485 **AUSTRALIA VL8K** Katherine 0935 M & w ancrs w/ chat; deep fades & out by 1010; 9/26. (Wilkner-FL) 1000 F/in; 1005 M ancr w/ mx & talk; W ancr at 1017; //2325 VL8T Tennant Creek w/ equal sig; 10/10. (Wilkner-FL) 1232 ABC w/ talk; (P) nx on the hour; w/ het probably from local source; better on clear // 2325 VL8T; as usual, can't pull even a carrier on 2368+; 10/16. (Hauser-OK)
- 3185 **USA WWRB** Manchester 0330 World of Radio 1741 monitoring; no show for the second week; this time Dave comes on at 0329 and apologizes, saying their internet connexion is down and he can't get WOR; tt comes via a point-to-point microwave relay about 15 miles from the stn, & it's offline, probably due to storms; I've previously suggested that he try downloading it as much as 24 hours earlier when first available instead of trying to play it "live" at airtime; [date?-ed.]. (Hauser-OK)
- 3215 **USA WWCN** Nashville 0250 Usual good sig but some flutter fading; unusual on this low a freq during propagation disturbance; 9/24. (Hauser-OK)
- 3275 **PNG R. Southern Highlands** Mendi 1214 Mx & ancrments in (P) Tok Pisin; poor; 10/17. (Brossell-WI)
- 3310 **BOLIVIA R. Mosoj Chaski** Cochabamba 2335-2340 W ancr in Quechua; 9/25. (Wilkner-FL) 2313 (P); M ancr w/ talk; 2314 mx bridge into more talk; W ancr at 2317; poor; 10/14. (Cooper-PA)
- 3320 **SOUTH AFRICA R. Sondergrense** Meyerton 0154 M vcls; 0136 W ancr w/ talk; stn f/out very badly; poor; 9/24. (Cooper-PA) 0120 M vcl into W ancr w/ talk; stn seems to be barely modulating w/ a lot of noise on the band tonight; poor; 10/12. (Cooper, PA)
- 3325 **INDONESIA-KALIMANTAN RRI Palangkaraya** 1231 Mx w/ soulful sound; 1235 Indo talk; poor but a bit stronger than PNG 3385 had been which just cut itself off; today's Enid sunrise is 1230; 10/5. (Hauser-OK)
- 3364.84 **BRAZIL R. Cultura** Araraquara 2347-2350 M ancr in PP w/ strong percussion mx; f-g; 10/5. (Wilkner-FL)
- 3375.1 **BRASIL R. Municipal** São Gabriel da Cachoeira 0945 M ancr in PP; under t-storm static; 9/18. (Wilkner-FL)
- 3385 **PNG-NEW BRITAIN TERRITORY R. East New Britain** Rabaul 1112 W ancr in (P) Tok Pisin; f-p; 9/22. (Brossell-WI) 1118 Back on the air; v. poor but some talk audible; Ron Howard says this resumed 9/22 when he heard it at exactly the same hour: "Had been off the air since Aug 29, the day of the eruption of the Tavurvur volcano."; also v. poor carrier here on 3260 which would

- be Madang; 9/23. (Hauser-OK) 1100-1110 Threshold sig; 9/26. (Wilkner-FL) 1229 Poor sig but can make out talk in American EE, preacher?; altho speaking in normal tone of voice so can't be very charismatic; as expected from Ron Howard's obs, cuts off air abruptly at 1231.0": 10/5 & 16. (Hauser-OK) 1126-1210 M & W ancrs in (P) Tok Pisin; poor w/ static; 10/6 & 17. (Brossell-WI) 3945 **JAPAN R. Nikkei** Tokyo-Nagara 1210 Lively LA mx to M w/ clear EE ID "This is R N Two" & again at 1220 after pop vcl; 10/8. (Barton-AZ)
- 4055 **GUATEMALA R. Verdad** Chiquimula 0202 Instrumental relg mx; poor; 9/24. (Cooper-PA) 0410 On w/ mx; checking earlier tonight since last night it was off well before 0600; 10/1. (Hauser-OK)
- 4409.8 **BOLIVIA R. Eco** Reyes 2330-2340 Noted here in SS w/ difficult sig; 9/25. (Wilkner-FL)
- 4451.1 **BOLIVIA R. Santa Ana** Santa Ana de Yacuma 2330-2355 Distorted sig; under t-storms; 9/25. (Wilkner-FL) 2345-0000 Noted here w/ weak sig; 10/8. (Wilkner-FL)
- 4699.9 **BOLIVIA R. San Miguel** Riberalta 0934-1000 M ancr in SS; weak sig but always there; need a good opening; 9/18. (Wilkner-FL) 2345-2357 Noted w/ weak sig en español; 10/5 & 6. (Wilkner-FL)
- 4747 **PERU R. Huanta 2000** Huanta 1020 W ancr w/ mx; strong sig; [date?-ed.]. (Wilkner-FL) 4747.5 1025-1043 Instrumentals mx; M ancr in español; 10/9. (Wilkner-FL) 4747.6 1040-1041 W ancr in SS; weak sig w/ some fading in heavy atmospheric noise; 10/8. (Evans-TN)
- 4750 **BANGLADESH Bangladesh Betar** Shavar 1237 (P); S. Asian vcls; poor w/ flutter; 10/16. (Hauser-OK)
- 4754.9 **BRAZIL R. Imaculada Conceicao** Campo Grande 2339 M & W ancrs in conversation; 2341 third M came on; mx bridge then back to W ancr; poor; 10/14. (Cooper-PA)
- 4755 **MICRONESIA V6MP The Cross** Pohnpei 1120 M w/ sermon; poor w/ static; 9/22. (Brossell-WI)
- 4765 **CUBA R. Progreso** 0033-0058 Ballad; 0101 M ancr w/ ID; back to mx 0102 w/ M ancr talk over; fair; 9/23 & 10/15. (Cooper-PA)
- 4800 **CHINA CNR-1** Geermu 1122 M ancr in CC; fair; 10/8. (Brossell-WI)
- 4805 **BRAZIL R. Difusora do Amazonas** Manaus 0950-0955 Noted here w/ mx; fair sig w/ fades; 10/10. (Wilkner-FL)
- 4810 **PERU R. Logos** Chazuta 1010 Enchantic Peruvian flata; strong sig; 9/19. (Wilkner-FL) 1028 Slow relg mx & M ancr in SS; good; [date?-ed.]. (Wilkner-FL) 1043-1047 M ancr in SS; p-moderate sig strength w/ some fading; 10/8. (Evans-TN)
- 4815 **BRAZIL R. Difusora** Londrina 2350-0007 Impassioned preacher in PP; 10/5 & 6. (Wilkner-FL)
- 4820 **INDIA AIR Kolkata** 1238 SAH of approx. 8 Hz, & a bit of modulation; (P) Kolkata vs Lhasa; why in the world don't they split the difference?; nothing in Asia currently active on 4815 or 4825!; this is but one of several instances of India & China fighting over the same freqs when they don't have to. Stupid!; 10/5. (Hauser-OK)
- 4835 **AUSTRALIA VL8A** Alice Springs 1202 Live concert recordings; v. good! 9/23. (Brossell-WI) 1202 (P); EE nx; fair; 9/27. (Taylor-WI) 1225 W ancr w/ pop songs; nx at 1230; good; 10/7. (Brossell-WI) 1208 Jazz prg in EE; poor; 10/16. (Taylor-WI) 1230 ID "ABC Alice Springs"; W ancr w/ nx; fair; 10/16. (Brossell-WI)
- 4869.96 **INDONESIA-PAPUA RRI Wamena** 1158-1211 M ancr in Indo; slow mx at 1159 through ToH; (P) nx; v. weak sig on noisy band w/ fading; keeping above the noise lvl most of the time; 10/2. (Evans-TN) 4870 1209 W ancr w/ prg of Indo pop mx; fair; 9/27. (Taylor-WI) 1239 (P); poor sig w/ mx; 4870 is also a Delhi, India freq w/ the Kashmir svc but not starting until \*1430, while Wamena runs until 1500v per <http://rri.jpn.org>; 10/1. (Hauser-OK)
- 4875 **BRAZIL R. Difusora Roraima** Boa Vista 0108 MX w/ brief M ancr between selections; poor; 9/23. (Cooper-PA) 0908 Anrc in PP w/ W via phone; 9/30. (Rhode-OH) 0304-0347 Prg of Brazpop vcls w/ several IDs at 0320 & again at 0332; fair; 10/8. (DiAngelo-PA) 0041-0148 Mx w/ W vcls; poor; 10/12 & 15. (Cooper-PA)
- 4885 **BRAZIL R. Clube do Para** Belem 0115-0210 M ancr w/ talks & sound fx between pop mx selections, including one in EE; verified through simulcast feed online; (P) ads; good; 9/23 & 10/5. (Cooper-PA)
- 4905 **TIBET Xizang PBS** Lhasa 2340-2350 M ancr in CC; // 4920; 10/6. (Wilkner-FL)
- 4920 **INDIA AIR Chennai** 1214 W ancr w/ prg of SC mx; fair; 9/27. (Taylor-WI)
- 4925 **BRAZIL R. Educacao** Rural Tefe 0154 Ballad; M & W ancrs w/ talk; poor; 10/12. (Cooper-PA)
- 4939.92 **PERU R. San Antonio de Atalaya** 2325-0045 Mx at t/in; M ancr in SS at 2333 then new mx; M & W ancrs at 2338; mx at ToH w/ no ID; fade at 0045 under t-storm static; 9/26. (Wilkner-FL)
- 4940 **CHINA V. of the Strait** Fuzhou 1115 M ancr in CC; fair; 9/22. (Brossell-WI) 1210 (P); Alternating talk in CC by two W ancrs; poor; 10/16. (Taylor-WI) 1118-1235 M ancr in CC; fair; 10/8 & 16. (Brossell-WI)
- 4955 **PERU R. Cultural Amauta** Huanta 1045-1047 Peruvian ballad mx; M ancr in SS at 1047; weak w/ some fading; 10/8. (Evans-TN)
- 4985.5 **PERU R. Voz Cristiana** Ihuancayo 2340-2350 M preacher en español; usb narrow filter to escape RTTY on 4950; 10/9. (Wilkner-FL)
- 5010 **INDIA AIR Thiurvananthapuram** 1225 Alternating talk w/ M & W ancrs in Hindi; fair; 9/27. (Taylor-WI)

- 5025 **CUBA R. Rebelde** Havana 0144 M anc'r until 0146 ID followed by a live feed from a listener; 0147 ID over mx; good; 9/23. (Cooper-PA) 1142 W anc'r w/ M talk, sounds like live feed; talk over mx; fair; 10/3. (Cooper-PA)
- 5040 **CUBA RHC** Havana 0511 This RHC txmitter is still w/ wobbling carrier; also audible without BFO; now amid EE; 9/25. (Hauser-OK) 0553 RHC English for the first time in a week, is \*not\* wobbling; evidently repaired --- for now; 10/4. (Hauser-OK)
- 5050 **USA WWRB** Manchester 0058 Sound of phone line ringing, as often happens around now: dialing up feed from Brother Scare?; he's on at next check some 20 minutes later while other programming is on 3185; 9/21. (Hauser-OK)
- 5110v **USA WBCQ** Monticello 0103 CUSB; "Allan Weiner Worldwide" as he's discussing challenges facing small businesses such as his; none of these are in synch w/ the other freqs; why?; 9330 has an especially good sig; nothing on 15420 in case fourth txmitter were added; 9/27. (Hauser-OK)
- 5580.23 **BOLIVIA R. San José** San José de Chiquitos 2350-2355 (P); Steady sig in SS; [date?-ed.]. (Wilknor-FL) 2340n2350 Noted here w/ fair sig under distant t-storm crashes; 10/9. (Wilknor-FL)

5901-30000 kHz

## International Band Loggings

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

- 5910 **COLOMBIA Alcaraván Radio**, Sept 13 at 0551, as I tune in mentions sibling station La Voz de Tu Conciencia, cross-promotion? (Glenn Hauser, OK, DX LISTENING DIGEST)
- 6020 **ALBANIA China Radio International (CRI)**, 1:01 to 1:05 with an ID at 1:02, SINFO=5, 5,5,4,5, I heard the weather around China and then the world, (Davis-OH)
- 6050 **ECUADOR HCJB** Oct 4 at 0056, poor signal with talk in Spanish (?) and music. Likely HCJB as frequent check last few weeks have found channel vacant, and we know HCJB went off the air at the same time as the big earthquake August 12. Yes, HCJB ID barely audible at 0059:40 and characteristic automatic and accurate 3+1 time signal to 0100, last pip prolonged at same pitch as others, into language, Kichwa? So did they fix their old transmitter or get a new one as they were reportedly seeking? Listen for their sign-off circa 0500 with national anthem (Glenn Hauser, OK, DX LISTENING DIGEST)
- 6050 **ECUADOR. HCJB** - Quito, 0324-0411 Oct 6, end of Spanish program followed by English religious program at 0330 until 0344. I didn't realize they had any English from Quito these days. Back to Spanish language programs from 0345 and good ID at 0359 before music program commenced. Fair. (D'Angelo-PA)
- 6135 **BRAZIL Radio Aparecida**, 0020-0114 Sep 17, vocals hosted by a man announcer with Portuguese talk, canned IF at 0029 followed by a long religious program at 0030. Once program ended at 0057 several announcements and station ID. Fair. (D'Angelo-PA)
- 6160 **CANADA CBC** Oct 4 at 0055, seems only one CBC signal is audible very poorly, and RHC 6165 carrier is already on. Can't copy anything local before 0106 with RHC modulating, nor what CBC program follows to nail down the time zone. (Glenn Hauser, OK, DX LISTENING DIGEST)
- 6230 **AUSTRALIA VMW**, very tentative, USB, 12:10 to 12:16, no ID, identifying information came from the Internet, a male gave weather reports with latitudes and longitudes, I lost the signal at 12:16, SINFO=2,5,4,3,2, (Davis-OH)
- 6925 **PIRATE (No. Am.) Captain Morgan Shortwave USB, Oct 5 at 0104, poor signal with rock music** from some pirate, and later. No carrier and unrecognized music made it hard to tune in; I'm mainly listening to PCJ and KBC (Glenn Hauser, OK, DX LISTENING DIGEST)
- 6925 **PIRATE (No. Am.) Undercover Radio**, 2301-2315 Sep 28, Dr. Benway hosting program with IDs ("I'm Dr. Benway and you are listening to Undercover Radio") encouraging listeners to be active and playing rock music. Good signal. (D'Angelo-PA)
- 6925 **PIRATE (No. Am.) Undercover Radio**, 0000-0001\* Sep 29, Dr. Benway again apparently on again, nit sure if program or just QSL contacts mentioning cobwebs "Been a while since I have been on air. Good signal. (D'Angelo-PA)
- 6925 **PIRATE (No. Am.) Radio Piasano** relay at 1244 UTC in AM mode. Annual Columbus Day broadcast. Very Good. (Turnick)
- 6935 **PIRATE (No. Am.) Northwoods Radio**, 0008-0039\* Sep 20, Mustang Sally, Car Wash, Johnny Cash and other tunes with ID and northwoodsradio@gmail.com address for reception reports. Fair signal but very noisy frequency making station impossible to follow during brief period of time. (D'Angelo-PA)

- 6935 **PIRATE (No. Am.) Northwoods Radio**, 0033-0045 Sep 21, much better reception tonight with fair to good signal and mainly in the clear playing part soft interviews and some rap music. Nice ID followed by wolf call and northwoodsradio@gmail.com address for reports. (D'Angelo-PA)
- 6940 **PIRATE (No. Am.) Wolverine Radio**, 0142-0201 Sep 21, mix of musical styles with a light jazz selection at tune in and followed by a number of oldies tunes seemingly featuring the world "baby" in the title. Several IDs but no e-mail address. Fair to good. (D'Angelo-PA)
- 7120 **SOMALILAND Radio Hargeisa**, Sept 15 at 0327, R. Hargeisa carrier is right on-frequency, but with more or less continuous LSB QRHaM in Spanish (Glenn Hauser, OK, DX LISTENING DIGEST)
- 7120 **SOMALILAND [and non] Radio Hareisa** Oct 14 at 1346, JBA carrier with music at near-imagination level, presumed R. Hargeisa, long-path; with CW QRHaM, and gone by 1400. NZ near the same path still audible on 6170 (Glenn Hauser, OK, DX LISTENING DIGEST)
- 7250 **KUWAIT. Voice of America** (presumed), 0047-0100\* Sep 10, talk by a man and a woman in listed Tibetan language. Amateur radio QRM intensified around 0058 as program closed making catching an ID impossible. Generally poor even before the ham QRM. (D'Angelo-PA)
- 7268 **BERMUDA [non] Hurricane Watch Net** LSB, Oct 18 at 0535, Hurricane Watch Net by NCS N4NVI, a "directed net" with calls approximately once a minute for any weather info to be relayed to National Hurricane Center, from Bermuda, where Hurricane Gonzalo has just hit. (Glenn Hauser, OK, DX LISTENING DIGEST)
- 7295 **UNID Radio Free Europe / Radio Liberty**, 0357-0405\* Sep 19, tuned in to hear several men talking in unidentified language although could have been Russian. At 0400 I heard a recorded station ID ("This is Radio Free Europe ... Radio Liberty ...") by a man announcer repeated over and over. Poor to fair until Algerienne via Issoudun opened on 7295 kHz at 0400. Can't find a location in station listings nor on website. (D'Angelo-PA)
- 7295 **FRANCE Radio Algerienne** via Issoudun, \*0400-0433 Sep 19, missed opening announcements but programming opened with recitations followed by a male announcer with Arabic talk. More recitations and talks until 0430 when nice ID followed by another man with news. Strong signal. (D'Angelo-PA)
- 7375 **NETHERLANDS [non] The Mighty KBC** Sept 14 at 0132, The Mighty KBC via GERMANY, with VOA Radiogram tones a bit later than usual (Glenn Hauser, OK, DX LISTENING DIGEST)
- 7375 **NETHERLANDS [non] The Mighty KBC** UT Sunday Oct 5 at 0103, The Mighty KBC with Uncle Eric introducing hour #2 of The Giant Jukebox Eric is fulfilling requests from regular listeners such as Lou Johnson in the USA at 0131 after the Radiogram (Glenn Hauser, OK, DX LISTENING DIGEST)
- 7390 **BURMA [non] Radio Free Asia** 7390, Oct 12 at 1330, good signal with ragged start of RFA Burmese: from open carrier to bit of unrelated music, then sign-on in English. It's via TINIAN, 250 kW at 280 degrees. Not synchronized with weaker 9335 TIN but presumed //, deliberately offset to even out power consumption, 250 kW at 279 degrees, and also the previous hour (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9418 **GREECE ERT** Oct 5 at 0520, ERT Open is 2 kHz off-frequency! Pop music in English, fair-good signal; no 9935 at this hour, but // 11645 very poor with flutter. Tnx to tip from Robin Harwood in Tasmania via SDRs at 0426, and later confirmed by several other monitors (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9445 **INDIA All India Radio** at 2133 in English. The Sitar explained. (Fraser-ME)
- 9500 **OMAN Radio Sultanate of Oman** Oct 5 at 0125, RSO fair with Qur'an on correct frequency (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9519 **CYPRUS OTH** Oct 18 at 0124, OTH radar pulses over this 23-kHz range, now with no Spain in the 9535 way, possibly from Cyprus (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9526 **INDONESIA Voice of Indonesia** 9526-, Oct 14 at 1333, VOI signal is fair with flutter but just barely modulated, so yet another Tuesday goes by without being able to hear a presumed 'Exotic Indonesia' hookup with RRI Banjarmasin (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9535 **SPAIN Radio Exterior de España** at 2300 UTC on 8/20 with Regional news in SS. Good (McGuire-MD)
- 9570 **CHINA China Radio Int'l** at 0105 UTC on 9/18 with a report on India in English. Good. (McGuire-MD)
- 9580 **AUSTRALIA Radio Australia** at 1215 UTC in English. Report on the Angelica Church. (Fraser-ME)
- 9580 **AUSTRALIA Radio Australia**, 12:20 to 12:47 with an ABC news ID at 12:46, SIN-F0=5, 5,5,3,4, I learned that the president of the Ukraine has announced that the worst of the fighting in the eastern Ukraine is now over. (Davis-OH)
- 9665 **NORTH KOREA Radio Korea**, 10/5, 1530. Instrumental music, little announcing. Soprano vocalist nearer the ToH. VG. (Barton-AZ) 11715 USA KJES 10/5, 1430. Acoustic guitar, children singing. Outstanding signal, with strong modulation (unusual). (Barton-AZ)
- 9690 **NIGERIA Voice of Nigeria** Oct 16 at 2048, distorted talk modulation in presumed Hausa from V of Nigeria, 2057 a bit of drumming not so distorted before cutoff at 2057.4\*. It had been fair-good signal strength, certainly the best out of Africa on the band at this time. (Glenn Hauser, OK, DX LISTENING DIGEST)

- 9700 **NEW ZEALAND Radio New Zealand** Int'l Oct 4 at 1254, RNZI with folk music, good signal, in fact better than usual, making me suspect it's on the 35 rather than 325 degree antenna ---- and yes, back on this frequency although two days earlier it was already on 6170 before 1300. By 1258, 9700 is off and 6170 is ready to go with Bell Bird IS, 1300 cut to news (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9700 **ROMANIA Radio Romania Int'l** at 0000 UTC in English. Weather forecast. (McGuire-MD)
- 9760 **GERMANY. Radio Farda** - Biblis, 0248-0325 Sep 11, Persian language program with talks by a man and a woman. Phone calls from listeners were taken. Several nice IDs followed by some music. News at 0300 followed by various features. Fair. (D'Angelo-PA)
- 9790 **FRANCE Radio France International** (RFI), tentative, 5:00 to 5:14 with no understandable ID, French, SINFO=4, 5, 4, 3, 3, 4, 10/6... (Davis-OH)
- 9790 **SOUTH AFRICA Radio France International**, tentative, 4:57 to 4:59, with no understandable ID, French, SINFO=4, 4, 5, 5, 4, I heard a woman speaking in French after some mellow Asian music. 10/6.. (Davis-OH)
- 9830 **TURKEY Voice of Turkey** at 2220 UTC in English. 'Legendary Figures - Barbarossa followed by a program of Turkish pop music. (Fraser-ME)
- 9830 **TURKEY Voice of Turkey** at 2200 UTC on 8/20 with frequency schedule announcements in English. Good. (McGuire-MD)
- 9900 **UZBEKISTAN. Trans World Radio** - India via Tashkent, 0031-0122 Oct 8, program in listed Bangla language with ID at 044, IS into listed Bhojpuri language. After brief music a long religious talk by a male announcer. Long ID and plenty of address information at 0112 followed by another IS at 0115 and opening in listed Dzongkha language. Fair. (D'Angelo-PA)
- 9955 **USA WRMI, Radio France International** (RFI), from approximately 4:10 to 4:23 with an ID at 4:13, SINFO=5, 5, 5, 5, 5, the Paris Live program, I learned that ten Arab countries will side with the USA against ISIS. 9/12. (Davis-OH)
- 10000 **USA WWVH and WWV**, 5:22 to 5:27 with no ID for WWVH, SINFO=2, 5, 5, 3, 3, I heard the woman announcer for WWVH through the signal of WWV, 8/24. (Davis-OH)
- 11510 **KURDISTAN [non] Radyoya Denge Kurdistan**, Sept 15 at 0344, as spelled by Aoki, (in WRTH under Target: Turkey, add ^ over the final e's) is good with the Kurdish ululating vocal music we enjoy; also good at 1335 (but probably not so good in between). Entire span 0300-1500 is 100 kW, 116 degrees via Kishinev-Grigoriopol, Moldova-Pridnestrovye; plus another 4 hours via France (Glenn Hauser, OK, DX LISTENING DIGEST)
- 11580 **USA Radio Ukraine International** - Okeechobee, \*2330-2359\* Sep 29, IS followed by "This is Ukrainian Radio" ID with English program with news and Ukrainian Perspectives". At close a man announcer asked for reports to info@wrmi.net plus postal address. Fair. Interesting to have Ukraine back on shortwave although from Florida. (D'Angelo-PA)
- 11595 **PIRATE (No. Am.) Station YHWH**, Sept 14 at 0132, Station YHWH with usual screeed, fair signal but good punchy modulation. Found by chance band scanning, though Dan Sheedy had earlier heard him on 9605 mentioning 11595 as another of his preferred frequencies (Glenn Hauser, OK, DX LISTENING DIGEST)
- 11595 **CLANDESTINE (Myanmar). Democratic Voice of Burma** - Gavar, 0013-0030\* Sep 10, woman announcer with Burmese language talks, brief instrumental music breaks before a long talk by another male speaker. Several men talking near closedown which was followed by light closing instrumental music. Fair. (D'Angelo-PA)
- 11615 **SPAIN Radio Exterior de Espana**, 19:47 to 19:57 with an ID at 19:56, SINFO=2, 5, 4, 3, 2, I heard a nice instrumental song with violins, guitar, and something that sounded like a flute 9/5. (Davis-OH)
- 11670 **INDIA All India Radio** (AIR), 20:44 to 20:50 with an ID at 20:45, SINFO=2, 5, 4, 3, 2, I heard part of the Press Review program prepared by the staff at AIR, a discussion of the situation in Iraq, and their conclusion was that politically, Nuri al-Maliki was finished. 8/13. (Davis-OH)
- 11670 **INDIA General Overseas Service of All India Radio** (AIR), 19:38 to 19:44 with an ID at 19:43, SINFO=3, 5, 4, 4, 4, I heard several Indian songs with traditional Indian instruments 9/21. (Davis-OH)
- 11695 **UNITED ARAB EMIRATES. Radio Free Asia** - Dhabayya, 0148-0215 Sep 11, two men talking in listened Tibetan language. Some music interspersed with talk features. Nice English language ID at 0200 by a man announcer ("This is Radio Free Asia. The following program is in Tibetan."). News followed with features shortly thereafter. Fair. (D'Angelo-PA)
- 11710 **NORTH KOREA Voice of Korea**, 15:02 to 15:08 with an ID at 15:08, SINFO=2, 4, 4, 3, 2, more military type music sung by a choir of women, they need some new programs 9/10. (Davis-OH)
- 11710 **NORTH KOREA Voice of Korea**, 15:21 to 15:55 with an ID at 15:55, SINFO=2, 4, 3, 3, 2, 10/2. (Davis-OH)
- 11715 **VATICAN Vatican Radio** - Santa Marie di Galleria, 0425-0427\* Sep 21, caught ending of program with vocals prior to IS and carrier being terminated. Apparently, Arabic program but talk noted. Fair to good signal. (D'Angelo-PA)
- 11750 **THAILAND British Broadcasting Corporation** (BBC), 12:06 to 12:20 with an ID at 12:06, SINFO=2, 5, 4, 4, 3, the Assignment program, a BBC announcer talked to various people in Sierra Leone over the telephone about the three days they had to stay in their houses to help stop the spread of the Ebola virus, find the sick people, and the remove the bodies. 9/25 (Davis-OH)

- 11755 **FRANCE Adventist World Radio** – Issoudun, 2034-2100\* Oct 4, program of long religious talks in listed Yoruba language alternating with soft tribal vocals. At 2055 woman announcer with ID and contact information with Lagos, Nigeria address. Instrumental music until carrier terminated. Poor to fair. (D'Angelo-PA)
- 11810 **ASCENSION ISLAND British Broadcasting Corporation (BBC)**, 21:00 to 21:08 with an ID at 21:06, SINFO=3,5,2,3,2, this is interesting – a Russian airplane with a high ranking official aboard it was refused permission to fly over Polish air space, so it had to return to Russia 8/29. (Davis-OH)
- 11810 **ASCENSION ISLANDS BBC World Service**, 211902200\* Sep 16, man and woman talking in English until ID and program previews at 2128 A man followed with news at 2130 followed by more previews before back to news features. Closed at 2200. Fair. (D'Angelo-PA)
- 11810 **SOUTH KOREA Korea Broadcasting Service** at 2225 UTC in English. Weekly sports into a food program. (Fraser-ME)
- 11810 **KOREA (South) Korea Broadcasting Service**, 2221-2300\* Sep 28, woman announcer hosting English program with contact information followed by pop vocals. 2256 closedown ID and announcements. Fair but deteriorating too poor to fair the last twenty minutes or so. (D'Angelo-PA)
- 11810 **ASCENSION ISLAND BBC**, 20:27 to 20:37 with an ID at 20:32, SINFO=5,5,5,3,4, I heard about a massive wave of refugees going into Turkey from Iraq, and a rally against climate change in NYC.. 9/21 (Davis-OH)
- 11820 **SAUDI ARABIA Saudi International Radio (BSKSA)**, 19:46 to 19:55 with no ID, just the same program on each frequency which means that I was hearing the same country and broadcaster, Arabic, SINFO=4,5,4,3,4 9/21 (Davis-OH)
- 11840 **CUBA Radio Havana Cuba** Oct 3 at 2004, RHC Portuguese is under modulated and hummy; wiggle that patch cord! While 11760 French has adequate and unhummy modulation (Glenn Hauser, OK, DX LISTENING DIGEST)
- 11865 **RWANDA Deutsche Welle (DW)**, 21:11 to 21:22 with an ID at 21:22, SINFO=3,5,3,3, 3, the Africa Link program had a story about young girls in Rwanda being kidnapped by human traffickers and that parents are not careful enough with them, 8/29. (Davis-OH)
- 11905 **SRI LANKA Sri Lanka Broadcasting Corporation**, \*0114-0158 Sep 19, instrumental music followed by three time pip at 0115, woman announcer with Hindi talk, ID and announcements followed by Hindi vocals. Fir but slowly fading down after 0140. (D'Angelo-PA)
- 11905 **SRI LANKA Sri Lanka Broadcasting Corporation** Oct 5 at 0114:15 tune-in, SLBC carrier has presumably just cut on. Although clock is wrong, its functioning is usually closely matching from one night to the next. 0114:47 prelude music starts; 0115:19, 2+1 mistime signal ends and sign-on in Hindi or Bengali; fair with heavy flutter (Glenn Hauser, OK, DX LISTENING DIGEST)
- 11905 **SRI LANKA. Sri Lanka Broadcasting Corporation** - Trincomalee, 0126-0207 Oct 8, woman announcer in Hindi language hosting nice program of lively morning musical selections. Fair to good signal. (D'Angelo-PA)
- 11905 **SRI LANKA Sri Lanka Broadcasting Corporation** Oct 18 at 0115:18.5, mistimesignal ends after musical prelude of SLBC, but it's chopped to only two pips instead of three. Fair but fluttery signal as ever, transpolar (Glenn Hauser, OK, DX LISTENING DIGEST)
- 11945 **ROMANIA. Radio Romania International** – Galbeni, 0228-0246 Sep 11, segment of classical music prior to a woman announcer with Spanish talk, ID and announcements before more music features. Fair. (D'Angelo-PA)
- 11955 **ROMANIA Radio Romania International (RRI)**, 00:47 to 1:00, but with the ID of RRI at 00:56, I heard an introduction into nano-art, mixing various chemicals together, painting with them, under an electron microscope, displaying them on a computer, and then transferring them to canvas or paper. 9/24. Davis-OH)
- 11975 **ROMANIA Radio Romania International (RRI)**, 20:47 to 20:56 with an ID at 20:52, SINFO=3, 5,4,3,3, the Sports Weekend program, I ignored the tennis, football, etc. and they ended with future broadcast times, frequencies, and target areas. 8/29. (Davis-OH)
- 11980 **TURKEY Voice of Turkey**, Sept 15 at 0520, with Turkish pop music we like, now good with flutter, improving signal we hope after summer doldrums, on air here only until 0555 (Glenn Hauser, OK, DX LISTENING DIGEST)
- 11980 **TURKEY Voice of Turkey** Oct 18 at 0530 past 0545, TRT with always enjoyable Turkish music, good signal with some flutter. As usual in B-seasons, this 310-degree transmission toward Western Europe and consequently North America beyond will shift to 9700, replacing Romania and run one UT hour later. 0500-0655 (Glenn Hauser, OK, DX LISTENING DIGEST)
- 12005 **UNITED KINGDOM Voice of Vietnam**, tentative, 1:19 to 1:27, no formal ID, but there were many references to Vietnam, SINFO=4,5,5,4,4, I heard about foreign franchises helping the Vietnamese economy grow, the signal was cut at 1:27, very rude.. 9/10. (Davis-OH)

- 12065 **AUSTRALIA Radio Australia**, Shepparton, 14:59 to 15:05 with an ID at 15:05, SINFO=5,5,4,4,4, I heard that some of the Iraqi people trapped on the mountain top have left for Syria and from there they went to safety in Kurdish territory.. 8/11 (Davis-OH)
- 12095 **ASCENSION ISLAND BBC**, 21:25 to 21:33 with an ID at 21:28, SINFO=2,5,5,3,2, the weak signal degraded reception , one piece covered Venezuela's crude oil industry, it has some of the largest oil reserves in the world.. 8/29. (Davis-OH)
- 12759 **DIEGO GARCIA Armed Forces Network** , Oct 18 at 0113, checking again 24 hours after last AFN reception, but nothing heard; however, by 0155 as I am wrapping up this session, a trace of music has audibled itself (Glenn Hauser, OK, DX LISTENING DIGEST)
- 13130 **TAIWAN Sound of Hope International**, tentative, 13:46 to 14:00 with no recognizable ID, Chinese, SINFO=2,5,4,3,2, the overall rating was reduced due to lack of signal strength, there were several men and a woman in a discussion. 9/29 (Davis-OH)
- 13650 **JAPAN NHK Radio Japan**, 10/5, 2330. W on VV, NHK's Vietnamese service, under RHC Cuba in collision. (Barton-AZ)
- 13660 **UNITED KINGDOM BBC**, 19:56 to 20:00 with two IDs at 19:59, SINFO=2, 5,4,3,2, I heard a part of a commentary on some sporting event in a broadcast to Africa. 9/13 (Davis-OH)
- 13740 **CUBA China Radio Int'l**, tentative, 14:18 to 14:27 with no ID, I heard the signal fade away, the SINFO rating changed from 5,5,5,4,4 to 2,5,2,4,2, very odd, the Easy FM Round Table program 8/11 (Davis-OH)
- 13780 **IRAN VOIRI** 10/8, 1520. Strong and clear with prayer chanting. (Barton-AZ)
- 15105 **BANGLADESH Radio Betar**, tentative, best in the USB mode, 12:51 to 13:00, but no solid ID, just various references to Bangladesh, SINFO=2,4,4,3,2, the transmission was ruined by the weak signal strength. 9/25. (Davis-OH)
- 15120 **NIGERIA Voice of Nigeria** Sept 12 at 0519, world news in English is actually readable, sufficiently if not fully modulated; good signal with flutter (Glenn Hauser, OK, DX LISTENING DIGEST)
- 15140 **OMAN Radio Sultanate of Oman**, 14:31 to 14:39 with an ID at 14:39 for Radio Oman FM, SINFO=3,5,4,3,2, Malala was a co-winner of the Nobel Peace Prize this year for her work on educating young women. 10/10 (Davis-OH)
- 15215 **GUAM KSDA, Adventist World Radio (AWR)**, tentative, 22:26 to 22:35 with no understandable ID, the Internet notes AWR, Chinese, SINFO=2, 5,4,5,2, I heard a nice Christian instrumental song 9/13 (Davis-OH)
- 15245 **CHINA China Radio Int'l**, 14:31 to 14:54 with an ID at 14:54, SINFO=3,2,5,2,2, the world's richest man thinks the work week should be cut back to three days and the new Star War's animated series begins next Monday. 10/10 (Davis-OH)
- 15345 **ARGENTINA RAE** Sept 12 at 2338, RAE good signal with flutter, but under modulated, with tango. Always varies above and below 15345 (Glenn Hauser, OK, DX LISTENING DIGEST)
- 15360 **SRI LANKA AWR**, 16:46 to 16:58 with an ID at 16:58, SINFO=3, 5,4,3,3, there was a male preacher talking about faith, and then an upbeat song. 10/10 Davis-OH)
- 15445 **GERMANY Radio Japan**, tentative, 17:17 to 17:31, no ID, Japanese, see short-wave info, SINFO=2, 5,3,5,2, I heard several interesting songs – As Time Goes By and The Cut Throat Song, 8/27. (Davis-OH)
- 15450 **AUSTRALIA Reach Beyond Australia**, 14:49 to 14:59 with an ID at 14:58, SINFO=2, 5, 4, 4, 3, the Insight for Living, Australia program, they were selling a book called Moment of Joy. 9/10 (Davis-OH)
- 15450 **TURKEY The Voice of Turkey (VOT)**, 13:01 to 13:24 with an ID at 13:22, SINFO=2, 2,4,4,2, at 13:18 another station came up on the frequency, I heard a number of Turkish songs, and then I heard future broadcast and Internet information, 10/8 (Davis-OH)
- 15485 **FRANCE Radio Taiwan International**, 16:25 to 16:34 with an ID at 16:34, SINFO= 2,5,4,4,2, the signal drifted in and out and the audio disappeared from time to time, I heard some music, but the signal was being sent to Asia (but why from France?),. 9/11. (Davis-OH)
- 15505 **BANGLADESH Bangladesh Betar** Oct 17 at 1356 I have tuned slightly above 21505 BSKSA on the FRG-7, then down exactly 6 MHz to hear when the Bangladesh Betar carrier oncome, which occurs at \*1357:07, but it's very poor; after 1359 can barely recognize the IS, which runs past 1400, and mistimesignal is now slow instead of fast, ending at 1400:10, opening Urdu (Glenn Hauser, OK, DX LISTENING DIGEST)
- 15540 **KUWAIT Radio Kuwait**, 18:28 to 18:41 with an ID at 18:30, SINFO=2,5,5,3,2, the government of Kuwait sent the re-elected president of Turkey a congratulatory letter, a good source of Middle Eastern news,. 8/13. (Davis-OH)
- 15570 **VATICAN STATE Vatican Radio**, 17:32 to 17:37 with an ID at 17:37, SINFO=2, 5,2,3,2, the Pope called for a reconciliation between North and South Korea, 8/20. (Davis-OH)

- 15575 **SOUTH KOREA KBS World Radio**, 13:39 to 13:49 with an ID at 13:44, SINFO=3,5,5,4, 4, I heard a Korean language lesson using a dialogue of currently used phrases, and a news item about the two Koreas now being separated for seventy 9/11. (Davis-OH)
- 15575 **SOUTH KOREA KBS World Radio**, 13:45 to 14:00 with several perfect IDs at 13:58 and 59, SINFO=3,4,4,3, 3, I heard the end of the Sounds of Korea program, one song was How Many are My Friends 10/8 (Davis-OH)
- 15580 **BOTSWANA Voice of America** 15:54 to 16:05 with an ID at 15:59, SIN-FO=2, 5,3,4,2, the overall rating was downgraded, because of the weak signal. Africa News Tonight, 8/13. (Davis-OH)
- 15580 **SAO TOME Voice of America** , 14:50 to 14:55 with an ID at 14:54, SINFO=2,2,3,4,2, an announcer said that the recent killings and riots around Ferguson Missouri show the world that racial prejudice is still found within the USA.. 8/20. (Davis-OH)
- 15580 **VATICAN STATE Voice of America** , 19:00 to 19:15 with a good ID at tune out, SINFO=2,5,3,3,2, there was an overview the US offensive against ISIS, and news about a big meeting the next Monday with all participating countries with the US 9/11. (Davis-OH)
- 15580 **BOTSWANA Voice of America (VOA)**, 18:48 to 18:55 with an ID at 18:55, SIN-FO=2,5,4,2,2, a person who made tattoos talked about the unbelievable places he puts them, and how Mandela was very popular after his death, a story from South Africa, 9/14 (Davis-OH)
- 15590 **THAILAND. Radio Thailand**, 0022-0029\* Oct 8, a man and woman with English language news. Nice ID at 0025 (This is Radio Thailand News") followed by promotional announcements before returning to news. Off mid-sentence as presumably antenna change. Fair. (D'Angelo-PA)
- 15595 **VATICAN STATE Vatican Radio**, 16:15 to 16:28 with an ID at 16:24, SINFO=2, 5,4,3,3, people are praying for a sick Christian pastor (from many tortures) while trapped in Iran, he has been in prison there for two years, 9/26. Davis-OH)
- 15670 **FRANCE Adventist World Radio (AWR)**, 15:30 to 15:41 with an ID at 15:41, SINFO=2,5,4,4,3, I heard a short segment of the Voice of Hope ID tape and then the announcer noted a program of inspiration and music, with their postal address in India., 9/10. (Davis-OH)
- 15735 **UZBEKISTAN Radio Japan**, 14:06 to 14:11 with an ID at 14:06, SINFO=3, 5,3,4,3, I heard additional information on the spread of the ebola virus in Africa, 8/11. (Davis-OH)
- 15825 **USA WWCR** at 1435 in English. 'Talking Machine Show' delightful program of very old music. (Fraser-ME)
- 17495 **UNITED KINGDOM RTE** - Woofferton, 1656-1700\* Sep 21, checked several times for RTÉ football final but only traces noted until final check just before sign off when noted with sports scores in various sports until carrier cut at 1700. Poor to fair with very deep fades. (D'Angelo-PA)
- 17515 **THAILAND Voice of America**, tentative, 14:23 to 14:31 with no understandable ID, Tibetan, SINFO=2,5,4,3,2, there was a male and female announcer and then maybe the news at 14:30, the identifying information came from short-wave.info, the 5050A, 10/4 (Davis-OH)
- 17630 **Mali China Radio Int'l**, 14:03 to 14:10 with an ID at 14:05, SINFO=3,5,4,3,3, I heard about a new train and truck route for freight being opened up between China and Spain, deliveries will take two weeks and it will be much faster than ships, and much cheaper than air transportation.? 9/23. (Davis-OH)
- 17790 **USA Radio Africa Network** - Okeechobee, 2029-2100\* Sep 16, at 2029 a man announcer informing listeners Radio Africa Network would be changing frequencies to 15190 kHz at top of the hour. A Bible study program followed but at 2059 another ID with information about upcoming frequency change which happened at 2100. Fair to good signal. (D'Angelo-PA)
- 17850 **SPAIN Radio Exterior de España** - Noblejas, 1904-1928 Sep 16, sports coverage with several men in Spanish. Good signal. (D'Angelo-PA)
- 17850 **SPAIN Radio Exterior de España** Oct 14 at 2146, last few minutes of REE on SW, Spanish service but very poor signal; just enough to hear the IS once and off at 2155:45". Will Noblejas now be dismantled/destroyed ASAP? (Glenn Hauser, OK, DX LISTENING DIGEST)
- 21540 **KUWAIT Radio Kuwait** Oct 16 at 1355, R. Kuwait, and another Arab, 21505 BSKSA remain on 13m, with SPAIN gone from 21640, 21610, 21515. The band is thinning out even more; however WHRI has appeared already on 21600; see U S A (Glenn Hauser, OK, DX LISTENING DIGEST)
- 21640 **SPAIN Radio Exterior de España** Sept 12 at 1330, REE Castilian with interview about a marine park in the Balears; no auto time signal played on this semi hour. (Glenn Hauser, OK, DX LISTENING DIGEST)
- 21640 **SPAIN Radio Exterior de España** (presumed) 10/4, 1620. Very animated M in SS, sounded like calling a play-by-play sports event. (Barton-AZ)
- 25910 **USA KLDE** - Eldorado, Texas, 1915-2006 Oct 4, program of lively Latin vocals with ads in English noted plus "104.9 FM" ID noted at 1932. Mix of Spanish and English announcements. Nice English ID at 2001: "KLDE ... 104.9 FM ... Eldorado - San Angelo". Fair to good. While I was able to copy the station in FM Mode, reception was actually quite good in regular AM mode. Usually station operating in this region are in FM mode with very deep fades. (D'Angelo-PA) 

# On the Shortwaves

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< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, September 28, 2014 -- One of the most exotic SWBC DX targets was the Comoros. Located northwest of Madagascar, the French island territory came on shortwave in 1960 by way of a Radiodiffusion Television Francaise station transmitting from Dzaoudzi on the island of Mayotte. The station operated on 3331 and 7260 kHz, with 4 kw. In 1967 it was relocated to Moroni, Grand Comore. In 1975 the independent Republic of Comoros, with capital at Moroni, split away and became independent, while Mayotte remained French. The Moroni station became Radio Comores. It was on the air until the late 1980s, returning briefly in 1991 before disappearing for good on shortwave. The Comoros were sometimes heard in North America circa 0300 UTC. Under "DX History/Stations," we have posted two files about the Comoros. In one you will find three QSLs from the Comoros station: one from 1963, when it was located at Dzaoudzi, and two from the Moroni period (1968 and 1979). The opening of the station in Dzaoudzi in 1960 was commemorated by the issuance of two good-looking postage stamps, and in a second file we have posted these stamps, together with two first-day covers celebrating the event. As you can see, one of the stamps shows the station's shortwave frequencies. Also in this file is another cover, from 1972, celebrating the establishment of radiotelegraph service between Moroni and Paris.

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, October 5, 2014 -- This time, under "Specialized Resources/Radio Postcards," we have posted a group of postcard views and other items about various Canadian broadcasting stations. They are: from **Alberta**, CJCA, Edmonton; **British Columbia**, CJDC, Dawson Creek, and CNRV, Vancouver; **New Brunswick**, two cards from CBA, Sackville (including the shortwave antennas); **Newfoundland**, an "invitation to listen" card from VOAS, St. John's; **Ontario**, CKOC, Hamilton, CKCA, Kenora, CFLC, Prescott (actually a QSL from 1931, see reverse side of the card), CKTB, St. Catharines, and CFCI., Timmins; **Quebec**, CHGB, La Pocatiere, CBM, Marieville, and Maison de Radio Canada, Montreal; and from **Saskatchewan**, CBK, Watrous. -- And Adrian Peterson has done a story about wartime broadcasting from England: "A Blast from the Past: The Biggest Aspidistra in the World" (N292, September 28, 2014). Look for it under "Specialized Resources/Wavescan."

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, October 12, 2014 -- This time, under "DX History/QSLs and Other Station Memorabilia," we have posted another group of cards/certificates that were issued by stations, some in connection with station "clubs," others as awards for stations verified or as displays for station verification stamps. Specifically they are: (1-4), several Radio Prague monitoring certificates and a Radio Prague Monitor Club membership card; (5 & 6) two Radio Sofia diplomas (1978 and 1991); (7) a Radio Havana Cuba DX Club certificate, issued for ten reports (1990); (8) an Adventist World Radio QSL Certificate with the early version of AWR verification stamps (1970s); (9) an AWR Wavescan DX Contest certificate with the later version of the AWR verification stamps (certificate originally issued in 1996 and "repurposed" for use in 2004); (10) a page of the later AWR verification stamps covering many locations; (11) a Trans World Radio "verified all sites" certificate (1989); and (12) an HCJB-issued certificate for verifying "World By 2000" participating stations. -- And under "Specialized Resources/Wavescan," Adrian Peterson takes us back to Ceylon with "The Story of Radio Broadcasting in Ceylon: The Sri Lanka Broadcasting Corporation Turns Commercial" (Wavescan N293, October 5, 2014).

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, October 19, 2014 -- The June 1934 issue of *Short Wave Radio* magazine contained an article about a one-hour program that had been broadcast over G.E. stations W2XAF and W2XAD, Schenectady, New York, at 1800 EST on Friday, March 16, 1934, for world-wide reception at that hour. It was an attempt to reach all countries at the same time without relays, and the program was hosted by "Believe It or Not" originator Robert Ripley. Listeners were invited to send in reception reports. Said the article: "Ripley drew a special cartoon as a souvenir for this broadcast and to all persons outside of the United States who write General Electric that they heard this program a copy of this will be mailed." You can read the article, which appears under "DX History/QSLs and Other Station Memorabilia." **Question: Has anyone ever seen this cartoon?** -- And under "Specialized Resources," you can check out Adrian Peterson's latest "Wavescan" entry: "North of the Stone Wall: The Radio Scene in Scotland" (N294, October 12, 2014).

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