

The **NASWA** Journal

VOLUME XLVI NUMBER 12

DECEMBER 2006

The collage features 12 covers of The NASWA Journal, arranged in a grid around a central red cursive text that reads "Holiday Greetings".

- Top Row (Left to Right):**
 - Cover 1: "Advanced World Radio" (January 2006)
 - Cover 2: "United Radio Broadcasters of New Orleans" (February 2006)
 - Cover 3: "radio melodía" (March 2006)
 - Cover 4: "2006 William R. Edgings Award" and "Scott Barbour" (April 2006)
- Second Row (Left to Right):**
 - Cover 5: "The World's Best" (May 2006)
 - Cover 6: "SHORT WAVE CRAFT" (June 2006)
- Third Row (Left to Right):**
 - Cover 7: "Welcome to WNR" (July 2006)
 - Cover 8: "500 RADIO WRINKLES" (August 2006)
- Bottom Row (Left to Right):**
 - Cover 9: "KING GURU" (September 2006)
 - Cover 10: "500 RADIO WRINKLES" (October 2006)
 - Cover 11: "500 RADIO WRINKLES" (November 2006)

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NAA Notes

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

It is hard to believe that another year has past so quickly. Where does the time go these days? Another holiday gift giving season is upon us so you should visit **Mike Wolfson** at the Company Store to take care of some of your holiday shopping needs (coffee mugs, tee shirts, sweatshirts, caps, books, WRTH CDs, etc). My Eton E1 arrived well before the holiday season but I plan to really work it out during a well needed vacation break deep into December. Check out your equipment needs and place an order for something. It can't be the holiday season without buying something that you really want but find it hard to justify otherwise, hi! Happy Holidays!

A.J. Janitschek, Director of Production support at Radio Free Asia (RFA) informs us that the station will be offering its 12th QSL card commemorating its 10th anniversary since their first broadcast back in 1996. That first program was broadcast in Mandarin Chinese on September 29, 1996. The new QSL features their new corporate logo. The card is scheduled for distribution from September 1 to December 31, 2006. RFA encourages listeners to submit reception reports because they help them evaluate the signal strength and quality of transmissions. Reception reports can be submitted at www.techweb.rfa.org (follow the QSL Reports link), or e-mailed to the station at qsl@rfa.org, or by postal mail to Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington, DC 20036. Don't forget to request a current program schedule and a station sticker when writing.

I can't think of a better way to close the DX calendar year than an insignificant little contest with no prizes to stimulate the mind and body. Pictured to the right is

a two-year old youngster just prior to his start in shortwave radio and other forms of DXing. He was into everything at first dabbling in medium wave, FM, TV and hamband DXing before settling into a long and prosperous shortwave broadcast DX career. He even managed to support himself thanks to his hobby expertise and his ability to share information ... at a price, hi! Who is this cute little DXer? Send in your answer to me at the masthead e-mail or postal address. If you could offer a few words in musing form, that would be terrific. I'll let this percolate for a month or two but get those wild guesses in as soon as possible before the picture fades away!

With the holiday season upon us, don't forget to order yourself some goodies such as **Ian McFarland's** 2-CD Shortwave Idents Series. If you were a regular listener to Radio Canada International's (RCI) popular *SWL Digest* program, which went off the air in



March of 1991 in the wake of a devastating budget cut at RCI, then you may remember the Shortwave Station Identifications & Interval Signals Series that was featured on this award winning program. That series featured over 100 identification and interval sig-

nals from shortwave stations around the world. Many of the identification signals

Our Motto: Unity & Friendship

heard in that long running series are no longer on the air. If you feel nostalgic about the "good old days" of shortwave listening or just like collecting anything shortwave related you will be interested to know that this unique series is now available in an autographed two CD set. The CDs are fully indexable and come with a hard copy listing all of these 100+ identification signals. The cost of this 2 CD set includes first class or airmail postage to anywhere in the world. Send you name, address and Cdn\$10.00 to addresses in Canada; US\$12.00 to addresses in the USA; and US\$13.00 or 13.00 Euros to all other countries. Personal checks or money orders are accepted from Canada & the USA but only Money Orders for orders from all other countries. Send your order to: Ian McFarland, 6667 Beaumont Avenue, Duncan, BC V9L 5X8, Canada. The net proceeds from the sale of these CDs are being donated to the local Food Bank in Duncan, British Columbia. I received my copy shortly after last month's deadline. It is an outstanding collection of shortwave listening history that is worth the investment.

Also, Michael Schmitz of the ADDX club and *Radio-Kurier* magazine have prepared a new CD compilation of the *WRTH* covering the years 1959-1970. The CDs are in searchable PDF format and contain a complete high quality copy of the entire contents of the original volumes. They are available at a reduced price of US\$50.00 until 31 December, 2006. From 1 January, 2007 the price will be US\$60.00. Also, they are offering a special offer of **both** CDs (the original 1947-1958 CD) for a fixed price of US\$99.00. All prices include shipping. Finally, the ADDX in cooperation with the local German Rhein-Main-Radio-Club is offering the *QSL calendar 2007*. It's a full color art print calendar covering the nicest treasures of their digital QSL archives (QSLs from 1930 up to present). The calendar will be available from 1 November 2006 for \$17.00 (us) including shipping. To order the *WRTH* CDs or the *QSL Calendar* make your check or money order payable to "NASWA Company Store" and send your order to: NASWA Company Store, c/o Mike Wolfson, 1842 Mifflin Ave., Ashland, Ohio 44805


The big Radio St. Helena Day revival took place in November. Thanks to **Robert Kipp** and contributors from around the world who made this possible. Did you manage to hear this special shortwave broadcast transmission? This event was made possible through the efforts of Robert Kipp and many of the hobbyists that sent in contributions, both monetary and equipment related. Contributions from North America were woefully inadequate. It is not too late to help support this event and help pay down the debt associated with getting this shortwave radio project off the ground. Contributions to the Radio St. Helena Fund can be sent to me at 2216 Burkey Drive, Wyomissing, PA 19610. Thanks. Also, please remember that QSL requests will take some time to be filled so patience is important. The money included with your reception report will go to paying for QSL cards, postage, etc.

We are into the new DX season and things are looking up for some quality listening. With the club's electronic *Flashsheet* in your hands each week you will be up to date with news and information about the DX scene. If you have not signed up for the club's electronic *Flashsheet* service, you are missing out on timely news and information that will enhance your shortwave listening pleasure. It is now time for you to get on the distribution list for the club's electronic *Flashsheet* to stay up-to-date. The changing DX conditions will bring different DX opportunities and new listening targets. The club's electronic *Flashsheet* helps members stay on top of the action with breaking shortwave news and information. If you are a current member of the club and want to receive the electronic *Flashsheet* just drop **Rich D'Angelo** (rdangelo3@aol.com) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic *Flashsheet* edited by **Mark Taylor**, markokpik@tds.net. Each week the electronic *Flashsheet* brings a lot of exciting, late breaking DX news and information to our members. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news. This


is a service that is only available to our members. Deadlines are posted in the *NASWA Flashsheet* each week. Let's keep Mark busy!

Please remember to direct all communications about subscriptions, bulletin delivery issues, holiday season gift giving suggestions, the use of PayPal as a payment method, etc. to **Bill Oliver** at the club's Lev-

ittown address or to his electronic address, weoliver@comcast.net. The regular postal address is the familiar 45 Wildflower Road, Levittown, PA 19057. Inquires sent to Wyoming only slow down the process. Thanks!

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

FRENDX: Twenty-Five Years Ago (December 1981)

The 12th Annual CADX Holiday Get-Together was scheduled for December 26-29, 1981 at the home of Robert Kramer. In the *Shortwave Center*, Mike Nikolich wrote about "A Visit to the Iceland State Broadcasting Service" and Clarence Wilson wrote about "New watches on the Market for DXers/SWlers." Editor John Moritz put out a call for Charlie Loudenboomer to contact him about writing for *SWC*. Ralphus Perry compiled "El Calendario de los DXistas." Among the award recipients reported by Chairman Dan Henderson were Paul Buer, Terry Klasek, Don Moore, Gordon Darling, Raymond Bauernhaber, Daniel Sampson, Marjorie Witte, Richard E. Davis, Dave Valko, and Frank Orcutt. In *Log Report B*, Editor Jerry Berg noted a new Colombian, Radio Transamazonia on 6051.5 kHz. 

Musings

Scott R. Barbour Jr. srbjrswl@yahoo.com, Intervale, NH

Just wanted to drop in with an update on the status of the noise I have been picking up on my receiver and what is being done to correct it. What started out as an occasional annoyance 3 weeks ago is now a 24/7 nuisance of crackling/buzzing static. DXing here is NOT an option.

I did call the local utility company, PSNH, and spoke with a very helpful and professional service rep who placed a work order to send out a truck with a special antenna to pinpoint the noise's frequency and location, probably a faulty insulator. That was two weeks ago.


Since then the weather has turned sour with LOTS of wind resulting in power outages across the region. A follow up call last week revealed the work order was still outstanding due to PSNH working to restore power. Understandable.

I called today and spoke with the same rep as my original call. She said that after my second call the work order was sent to the wrong office and promised to get it to the appropriate one. She also said someone would call if, upon inspection, the noise wasn't coming from their lines. PSNH is working on restoring service after another weekend of windy weather. I hope my situation changes by week's end.

Thanks for listening to my rant. Scott

Calendar Of Events

- Dec 8 Meeting. Philadelphia Area NASWA Chapter.** Kulpsville Holiday Inn, Kulpsville, PA at 7:30 PM. For more information contact Dan Cashin at 610-446-7831 or Internet: dcscckp@aol.com.
- Dec 8 Meeting. Boston Area NASWA Chapter.** The Boston Area DXers have found a new location for meetings. Inquiries about the BADXers may be sent to Paul Graveline at 978-470-1971 or Internet: ctcreditor@aol.com. The URL for the BADX guys is <http://www.naswa.net/badx/>
- Dec 9 Meeting. Reading International Radio Group.** The next meeting will take place on Saturday, 9 December 2006 at 2:30 PM in Room #3, Reading International Solidarity Centre, 35-39 London Road, Reading, England. Further information from Mike Barraclough at 01462 643899 or mikewb@direcon.co.uk.
- Jan 13 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meets at the Lebanon Citizens' National Bank (LCNB), 425 West Central Avenue (Ohio 73), Springboro, Ohio at 7:00 PM. For more information contact Mark Meece at 937-743-8089 or e-mail at <antennapig@siscom.net>. For additional information about MONIX, check out their web site at <<http://www.siscom.net/~mmeece/monix.html>>
- Mar 8-10, 2007 Convention. The 20th Annual Winter SWL Festival**, sponsored by NASWA, will be held at the *Best Western—The Inn at Towamencin*. JThe 20th Annual Winter SWL Festival, sponsored by NASWA, will be held at the Best Western —The Inn at Towamencin on 8th, 9th and 10th March 2007. Join us for this 20th anniversary extravaganza in the DX Mecca. Richard Cuff and John Figliozi co-chair the organizational committee. Although it is early, you don't want to miss this special FEST event. There are a lot of special arrangements being made for this special occasion. See you there!
- Aug 18, 2007 Convention. 2007 Madison-Milwaukee Radio Get-together.** The 14th Annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts is scheduled for Saturday, August 18, 2006. The location will be in Madison, WI (more details to follow). This is an all-band event, and everyone interested in the radio hobby is welcome. Tell your radio friends about it, and make your plans early to attend the 14th Annual Madison-Milwaukee Get-Together for DXers and Radio Enthusiasts for another fun and memorable day of visiting with your fellow radio hobbyists.
- Mar 7-8, 2008 Convention. The 21st Annual Winter SWL Festival**, sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 7th and 8th March 2008. Richard Cuff and John Figliozi co-chair the organizational committee. Although it is early, you don't want to miss this special FEST event. See you there!

Members are invited to submit items to be included in this calendar to Rich D'Angelo (Internet: rdangelo3@aol.com) or Ralph Brandi (Internet: ralph@brandi.org). 

Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Bob Montgomery** (Address: P O Box 1458, Levittown, PA 19058). He will forward them to the appropriate editor. Remember, Bob also distributes QSL report information and totals for the **Scoreboard** column. He can also be reached through the Internet at: rmonty23@verizon.net. *Note: this is a new address as of August, 2006!*

Toshi Ohtake <ohtaket@yahoo.co.jp>, Tokyo, Japan

Radio St. Helena Day, this coming weekend. According to the report today from Mr. Kipp in St. Helena Islands, the full power test of the transmitter was completed with success and every preparation for the revival day on November 4 is almost completed. Please note the address of Radio St. Helena has been changed. Send your reception report to the following new address together with at least 3 International Reply Coupons. Address is: Radio Saint Helena, P. O. Box 24, Jamestown, St. Helena Island, South Atlantic Ocean, STHL 1ZZ. Please note that DSWCI, Danish Short Wave Club International will also issue their special QSL card to all correct reception reports of this RSH revival broadcast. Their address is: DSWCI, Tavleager 31, DK-2670 Greve, Denmark. Please enclose 1 IRC, US\$1.00 bill or 1 Euro.

EDXC Conference 2007. EDXC is European DX Council which is umbrella organization of all European DX clubs. It was formed in 1967 in Copenhagen, Denmark and its annual conference held in St. Petersburg, Russia on 20th and 21st of October. More than 70 people from 13 countries attended and this was 30 more people and one more country compared with the last year. The theme discussed and presented were, DRM related technologies, Magnetic antenna, shortwave propagation, Russian vintage radios, and radio club activities of Moscow, St. Petersburg, Denmark, Finland and Japan. We also had a nice tour of the city and very interesting museum of Professor A.S. Popov who devised much electrical equipment including world first radio receiving set. Mr. Alexander Beryozkin, Vice-President of St. Petersburg DX Club organized this Conference.

Visit to Vice of Russia in Moscow. On my return trip from St. Petersburg, I had a chance to visit Voice of Russia in Moscow. I met two observers of English program and many of Japanese program staff. I realize this year is 50th anniversary of restoration of Japan-Russia diplomatic relations.

The frequency changes of Radio Japan. From October 29, Radio Japan's English program had the following three frequency changes. To North and Central America. From 6:00 to 7:00 UTC, 13630 kHz was replaced by 11690 kHz. The new frequency is 11690. To Middle East and North Africa. From 01:00 to 02:00 UTC, 5960 kHz UK relay was replaced by 6030 kHz UK relay. The new frequency is 6030 kHz. To Europe. Time 2100-22:00 UTC, 6055 kHz UK relay was replaced by 6090 kHz UK relay. The new frequency is 6090 kHz.

This is all for this month. Toshi Ohtake,

Gerry Dexter <gdex@genevaonline.com>, 213 Forest St., Lake Geneva, WI 53147.

The Halloween season of 2006 saw a lot of pirate signals show up in my radio den. Sadly, too many of them got away unidentified. And that sorry situation has prompted this "Musing." I hope any pirate operators who read this "rant" will accept it in the spirit it was intended, namely, as friendly advice.

Like all of you I enjoy tuning the bands and adding new things to my log, be they pirates or legitimate broadcasters. But let me tell you, guys, you do not often make it an easy task! First, IDs are usually given way too infrequently. And your recorded IDs tend to come out mumbled, or tossed off too matter of factly, or are given too rapidly or are shouted to the point of distortion or have been doused with way too much echo. I'd say a half of the IDs are not understandable. (And yes, my hearing is just fine, thank you.)

And while you're at it, if you have an email or postal address give it to us more frequently and clearly.

The surrounding content of the broadcasts also needs comment. "Decorum" is not the name of a city in Iowa. In other words, you need to clean up your act! The four-letter words and the seriously off color and downright ugly parodies and such would embarrass even the likes of Howard Stern! The degree of this sort of thing noted over the Halloween weekend was, well, "shocking" (xltn: somewhat startling.) Believe it or not, it is possible to be clever and get your point across without being gross and disgusting, although it does take more thought, effort and, certainly, creativity. But, then, you'd also come across as more thoughtful and intelligent. (OK, so I sound like your mother's cranky old Aunt Maude who is three light years distant from being "totally cool.")

As to the "music" you play, 97.7% of it I hate with a near frightening intensity. If only there were a little button I could push that would cause it all to be instantly destroyed. Unlike Eddie Mayehoff in "How to Murder Your Wife"—Jack Lemmon would not have to talk me into pushing that button. If you are trying to be different why play the same sort of thing as some FMer is likely doing at this very instant? OK, so maybe Green Navel Disease isn't getting airtime on the regulars. Still, it is basically the same ugly, purposely distorted sound. Want to be really alternative? Ever hear of Mike Vax? Bob Florence? John Von Ohlen? Kim Richmond? Phil Kelly? Don Ellis? Yma Sumac? Maria Schneider? Or even that Mozart fellow???? There are thousands of possibilities you could choose from.

And in between the IDs and the so-called music there is very often too much "stuff" thrown at us in strings of two or three second blips. By the time I've realized what it was I just heard and have entered in my notes three or four more have sped by. Before I know it I am buried under a mountain of soundie bits qualifying me as a candidate for the next CSI investigation. What it all boils down to is: give some thought to your listener, don't program for yourself. Remember it is unlikely we're going to hear your few watts' worth of signal very well. It IS shortwave, you know! So please, slow it down, clean it up, speak clearly, give us more IDs, and don't lay an aural deluge on us. And play some halfway decent music. Most of us are older guys (hobby's dying don't cha' know), and I'm thinking most of us would likely prefer something without electric guitars and lyrics screamed at murderous volume. I, for one, have had too many times where after twenty or thirty minutes of listening I just cannot take it any more - I'm driven away, and didn't get that potential new entry in my book.

Bottom line: It would be "amazing" (xltn: surprising) if you were to consider some of these suggestions, and perhaps even make some of the changes in your programming. I doubt that you will, though. Well, if you don't, I'll still be happy to find that you're on. And I'll try and hang in there as long as I can stand it. 73

Kevin Mikell <k.mikell@comcast.net>, Chicago, IL

Managed to catch the Radio St Helena broadcast. I brought my E1 outside with me in the afternoon, and in between cleaning the gutters, racking leaves, and putting up storm windows I would check for a signal. Finally became audible, on the loudspeaker, about mid-way during the broadcast to Japan. My neighbor came by to see what I was doing. I said "It's from St. Helena". Bill said "Really?" and sat down to listen for few minutes. Signal picked up a bit and came inside and caught the first 1/2 hour or so of the European broadcast, and I jotted down enough notes for a report. Very cool.

I popped them an email to say Hi, I was picking up the Euro broadcast, and that I am in Chicago. In just a few minutes, I got a reply from them... "We will get to you mate....we will beam directly soon....best wishes and stay tuned!"

73, Kevin

Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610
When Radio St. Helena left the air years ago, I never thought I would see its return to the shortwave spectrum. Sincere thanks go out to Robert Kipp and his Radio St. Helena team which includes the folks from around the world that made a monetary contribution to the cause. It was great having them back on the air for Radio St. Helena Day - 2006. I look forward to hearing them again next year. Great show!

I was moving some furniture to my son's apartment in Washington, DC on St. Helena Day so I had to depend on my Eton E1 from a remote location to listen. I had some problems in his apartment from a noisy Georgetown location but his place has a rooftop garden area where I was able to set up a listening post around 2345 UTC. With fair reception I was able to listen for about 30 minutes before the cool night air had me dismantling the impromptu shack and head inside for some warm air. It was great being able to hear shortwave signals from St. Helena once again thanks to the dedication, creativity, imagination and implementation of Robert Kipp.

After a beautiful spring-like weathered day on Saturday, Sunday saw us heading to French Creek for the first DXpedition of the season with cool temperatures and rainy conditions. Naturally antenna set-up required walking across wet leaves and slippery rocks on an elevated surface but that's what DXpeditioning is all about. Rain was the constant theme of this outing with wet conditions continuing, off and on, through Monday.

Kris Field and Fred Kohlbrenner were already set-up and twirling the dials when I arrived around 1430 local time. The park was cooperative this time out with a ranger dropping off the key very early. Ed Mauger arrived after my antenna set up was complete. That gave us a group of four this first DXpedition of the season.

African conditions seemed reasonable but as the afternoon wore on it became clear this was not going to be a night of outstanding DX. Uganda and Mali were noted as was intermittent reception of Chad. Nothing was heard from Indonesia as darkness approached, which was a disappointment. However, Latin America was very good with first time logs for me of Radio Bolivar on 6460.1 kHz and Radio Virgen de Remedion on 4545.4v kHz. The former was very weak while the latter was heard with a fair signal. Bolivia and Peru were quite good. Later that evening Radio Apintie and Radio Altura provided armchair reception.

The following morning saw outstanding reception from Bolivia and Peru with literally too many stations to log and ID. Such a problem! Nice signals were heard from Ancash, Santa Ana, Santa Monica, and Ondas del Huallaga. Once again, Indonesia and India were quiet. This is unfortunate but one stays hopeful that the next cycle will produce some results.

During the day on Monday, Ed went to work and I went to the gym for a workout. Fred and Kris took extensive naps. Propagation was interesting with 49 meters opening early in the afternoon making the new relay of VOIRI from Sitkunai available as well as a nice log of Radio Zamaneh, the Iranian clandestine station.

Latin reception was very good once again as darkness fell. Unfortunately, nothing was heard from Indonesia as the rain continued to fall outside. Our last evening is the traditional pasta dinner where we all sit down together to talk about the listening conditions and recall prior gatherings. Shortly thereafter Fred departed because he had an early morning errand to run back home. The rest of us sat around enjoying listening conditions with near arm chair copy of AIR on 5,010 kHz but where were the others?

The rain continued overnight ... will it ever end? Latin stations cooled off the final morning. After numerous hectic Latin sessions, it was almost a relief not to be in a logging

frenzy, hi! A few Chinese stations popped through the ether early signaling perhaps a better day for Asian DX. However, once again Indonesia and Papua New Guinea eluded us, except for tantalizing carriers on 4960 and 7120, although a sprinkle was noted from India.

All in all a very good trip with outstanding conditions toward Bolivia and Peru, two prime DX targets. African was also reasonably strong but the dwindling numbers of stations from that region make it difficult to feast from that area. Unfortunately, Asia and the Pacific region were disappointing although closing with two Myanmar logs generates enthusiasm for the next DXpedition.

73, Rich



On the Short Waves by Jerry Berg

<www.ontheshortwaves.com> Update, September 2, 2006—Under "Articles, Research, etc.," "Book Reviews," "Books," a review of "Singapore Goes Off the Air" by Giles Playfair. I recently came across this 1943 book, which is about the author's nine weeks working at the Malaya Broadcasting Corp. (MBC), successor to the British Malaya Broadcasting Corp., a SW station of the era and predecessor to the BBC Far Eastern Station. The MBC was short-lived, coming into existence in 1941 and closing when the Japanese took over in February 1942. "Singapore Goes Off the Air" is an interesting book, entertainingly written. I have tried to highlight those parts that would be of greatest interest to SWLs, and I've added some old QSLs. For those interested in reading the book, it can be purchased on the Internet <www.bookfinder.com> or obtained via Inter-Library Loan.

<www.ontheshortwaves.com> Update, September 16, 2006—Under "Articles, Research, etc.," "Full-Text Articles," a brief, readable history of Radio Canada International. This pamphlet was prepared by RCI on the occasion of its 50th anniversary, and covers the years 1945-1995. It is printed in both English and French; these are the English pages.

<www.ontheshortwaves.com> Update, September 30, 2006—Under "Articles, Research, etc.," "Pot Pourri": An ontheshortwaves supporter in California has sent along some interesting drawings related to KGEI, San Francisco. He used to work near KGEI, and obtained some drawings from the 1940s and other artifacts from FEBC when they closed KGEI.—Drawing No. 1 is an NBC drawing showing KGEI probably as it was installed. No. 2 is the title block in the lower right hand corner of the drawing and No. 3 is the revision in the upper right hand corner.—No. 4, "Proposed Additional Antennas" aimed at Asia and Australia, dated December 5, 1941, is the most interesting (remember what happened two days later). Knowing that the State Department asked GE to put a station on the air to counter Nazi propaganda in South America, and knowing that KGEI's antennas were directed to South America, why was KGEI thinking about expanding west? No. 5 is a detail of the drawing title.—No. 6 is probably "as built" during the war with both KGEI and KGEX. Note the barracks; the site was guarded. Nos. 7 and 8 are details from the drawing.

<www.ontheshortwaves.com> Update, October 14, 2006—Under "CPRV," "The CPRV QSL Gallery," some oldie QSLs from Cuba. On shortwave, from the Russ Mappin collection, CO9GC, Laboratorio Radio-electrico, Santiago de Cuba, 6150 kc. (1936); from George Demmitt, Short Wave Radio Station COC, Havana, 6010 kc. (1934); from Pete Clarius, COCD, La Voz del Aire, Havana, 6130 kc. (1935); and from Carroll Weyrich, COCH, General Broadcasting Co., Havana, 9428 kc. (1935) and COKG, Emisoras Grau, Santiago de Cuba, 6200 kc. (1936). And on mediumwave, from the Dick Daneker collection, CMCD, La Voz del Aire, 950 kc. (1939), and Carroll Weyrich's CMHI, Santa Clara, for a special DX broadcast on 1210 kc. (1935). Incidentally, for ODXA members, see Tom Williamson's "Looking Back" column in the October 2006 bulletin for more on early Cuban stations. (*More after Int'l Logs.*)

Easy Listening

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

RCI's *The Link* – Intro to Canada

The lead item last month was the launch of new programming from **Radio Canada International**—primarily, a new program called *The Link*, designed as a program serving two purposes: Providing information about Canada to prospective or new immigrants, and providing information about Canada to listeners abroad. I had the opportunity to listen to *The Link* over the past month. The program seems to serve its intended audience well, but those who are well acquainted with Canadian issues will find the content to be pretty basic, assuming the listener doesn't know all that much about Canada.

The program has a pretty "sunny" demeanor, with the host, Marc Montgomery, generally presenting topics by interacting with an individual story's presenter. An advantage of that approach is that the listener gets to hear a variety of voices. Montgomery serves more as a continuity announcer and as an interviewer of those who present specific features, for example Jim Craig on history, and Ian Jones on sports. A nice feature is that stories range in length from five to ten minutes, long enough for a story's individual presenter to provide some details and background to the subject matter. As a magazine-style program, *The Link* has a somewhat free-form feel to it, transitioning smoothly between stories. However, there are regular weekly features that are scheduled for various days, ranging from history to cooking to sports, so there are some elements of predictability to the service.

Much like the midday **Deutsche Welle** news analysis program launched last year, *Update Europe*, and also like **Radio Japan's A Song For Everyone**, that is sandwiched between the news and *44 Minutes*, RCI's *The Link* intersperses songs between the various stories in the broadcast. Personally, I find

this a waste—if I wanted to hear a music program, then I'd tune in specifically for that. However, if I want a news magazine, then don't waste my time adding music as filler. But that's frankly my own personal taste; perhaps the younger audience the program clearly targets enjoys that mix.

The Link is produced for two hours each day; RCI erroneously touts that only one hour is available on shortwave. This is true for most world regions, where RCI is on for one hour each day, but here in North America we get both hours via shortwave. The two hours differ significantly in content; the first hour focuses on domestic stories of interest to Canada's immigrant community, or those who are considering emigration to Canada. The second hour more closely resembles the old *Canada Today*, focusing on global issues through a Canadian lens, without as much emphasis on the immigrant community. Some segments include program host Montgomery interviewing global subjects via phone; those segments sound like they could be part of *As It Happens*, the excellent daily CBC interview program.

RCI's website has been revamped with the launch of *The Link*, with a new moniker, "RCI Viva", utilized as the online portal for the immigrant community. The new webpage does not separately list the RCI satellite services that have been audible via live webcast, yet these satellite services continue to exist. The most convenient way to find the web audio is from Kevin Kelly's Public Radio Fan website, <http://www.publicradiofan.com>, from which you can search for RCI from the "Station Search" link. *The Link* is also available for on-demand listening, though RCI has implemented a *Flash*-based, slicked-up user interface instead of a simple "listen here" link. All editions of the program since its October 30th launch are available for listening; the two daily hours can be individu-

ally selected, and multiple programs can be queued for listening in the online player that has a Winamp feel to it.

International public service broadcasters have been struggling for relevance since the end of the Cold War in the early 1990s, and RCI has gone through its own funding issues since then. RCI deserves to be commended for carving out a new niche for itself, though the addition of a domestic remit is something new for an international broadcaster. Broadcasters like Finland's YLE and Sweden's **Radio Sweden** have been relayed on domestic multilingual radio networks, but these were generally adjuncts to their external focus. RCI's situation, though is different—because this domestic focus is being highly publicized. This does pose a quandary—because the only way domestic audiences can easily hear RCI programming is via shortwave (for those who aren't in the dead zone for Sackville) and Sirius satellite radio in addition to the webcast. There are no over-the-air alternatives for Canadians via the usual CBC Radio One or Radio Two outlets, and there are no references to *The Link* on the domestic CBC radio program listing web page. One would think, if nothing else, that one or both hours of *The Link* could be aired during the overnight hours in lieu of the *CBC Overnight* service featuring other international broadcasters.

As mentioned last month, the best shortwave times for hearing *The Link* in North America include the following:

0000–0200 to EUS / Caribbean / Mexico (9755): Tuesday–Saturday

1400–1700 to EUS, CUS, Caribbean, South America (9515, 13655, 17820): Monday–Friday (along with one hour of *Sounds Like Canada*)

2200–2300 to Northeastern USA (9800 DRM): Monday–Friday (2nd hour)

If you'd rather hear the traditional domestically-targeted CBC programming, your best bet is **2300–0000 to Eastern USA, Cuba, Haiti (6100): Monday–Friday, *The World***

At Six, As It Happens; Saturday, The World This Weekend, Afghanistana; Sunday, The World This Weekend, Wiretap.

The "Silly Season" comes to Radio Australia and Radio New Zealand International

With Australia and New Zealand in the southern hemisphere, the traditional Christmas holidays are overlaid on summer vacations—quite a feat! What this means, though, is that both countries go on mass vacation from mid-December to mid-January, and this includes their domestic and international public broadcast services. Since both **Radio Australia** and **Radio New Zealand International** relay a substantial amount of domestic content, they have to shuffle their schedules and bring in one-time programming and increase some repeats.

While plans aren't finalized yet for the schedules of each broadcaster, historically Radio Australia takes much of its holiday season programming from the Local Radio network, not Radio National. There is also an increased level of sports programming at times and on frequencies that are not typical sports times.

As mid-December approaches, I'll try to publicize schedule changes via the *swprograms* e-mail list, the *NASWA Flashsheet*, and my very occasional blog, <http://intlradio.blogspot.com/>.

Other broadcasters' holiday plans

Most international broadcasters try to arrange for time off for their program presenters and editors around the Christmas and New Year's seasons, resulting in specials and end-of-year reviews and perspectives that can be prepared in advance. Prior years have seen the following specials and events:

Radio Canada International / CBC

The ODXA's Fred Waterer along with John Figliozzi, have assembled the following notes on what to expect from the CBC:

As It Happens, especially on Christmas Eve, produces a special annual program. Each year, the program contacts members of the Canadian Armed Forces serving with the UN, NATO, NORAD and those serving in the far north. Each unit has 3 or 4 people speak for those serving with the unit. In past years, the units have served in such diverse locations as Canadian Forces Base Alert (Arctic), Colorado Springs (Norad), Germany, Cyprus, Golan Heights, Bermuda (!), the Persian Gulf, Somalia, Bosnia and Croatia, and Kosovo. It also has its moments of humor, such as the time the Canadian naval personnel stationed in Bermuda tried to claim they missed the Canadian winter real bad! (via Fred Waterer/ODXA).

This year, any special edition of **As It Happens** would likely be the Christmas Day edition, since Christmas Eve is on a Sunday.

Christmas Day will likely see specials across CBC Radio One, as was the case last year; some of these may show up in RCI programming as well.

The weekend before Christmas, **Quirks and Quarks**, the popular long-running science show, will likely air the *Annual Quirks Question Show*; Last year, listeners found out whether blind people get motion sickness, why you can't put metal in the microwave, and why cold snow squeaks when you walk on it.

Vinyl Café will likely air a special Christmas concert.

BBC World Service

The BBC World Service hasn't publicized their holiday plans yet, but there are several annual traditions that are expected to continue:

The Festival of Nine Lessons and Carols is a long-standing tradition. Expect the program to originate once again from King's College in Cambridge; the *Festival* is a celebration of the birth of Christ in readings from the Bible and beautiful choral music. It features traditional favorites such as *Once In Royal David's City* as well as new music

specially composed for the occasion. Last year's airings included Christmas Eve at 1501 and Christmas Day at 1301.

The Queen's Christmas Message to the Commonwealth is another annual tradition, lasting just 10 minutes but a high-light from year to year. Last year's airtimes included December 25th at 1505.

Radio Netherlands

Often Radio Netherlands will air a special seasonal documentary in lieu of *Newsline* on Christmas Day.

BBC World Service highlights

It's getting tougher and tougher to obtain advance schedule information in the time frame needed for the *Journal*, as printed upcoming highlights are nonexistent, and electronically-distributed plans are often not released more than a couple weeks in advance. However, there are some highlights already available:

Saturday, December 2 through Sunday December 10 sees a special thematic "season" called *Generation Next*, a series of programs dedicated to understanding and exploring the world through the eyes of under 18-year-olds—the next generation. This will be part of all 33 language services of the BBC World Service.

Generation Next will be the title of a five-part documentary series that will air every day from Monday, December 4th through Friday the 8th. Robin Lustig, perhaps the best-known World Service presenter, explores what youth means in different societies and cultures worldwide in this series. He looks at the legal, social and cultural frameworks separating the child from the adult by focusing on aspects of life such as sex and marriage, work, voting, politics and crime. Shortwave airtimes include weekdays 0905, 1205, and 2005 (to Europe); 1405 and 2105 (to West Africa); 1305 and 2005 (Americas / XM)

Analysis will feature a week of special programs from children's rights campaigner Camila Batmanghelidjh—founder of the charity Kids' Company and winner of this year's UK Women of the Year award—who explores the ways different countries and cultures focus on the needs of children. Shortwave airtimes include weekdays 1140 and 2220 (Europe); 1140 (Tuesday-Friday) and 1940 (Africa); 0240 (Tuesday-Friday), 0540, 0850, 0940, 1940 (XM); 0040, 0240, 1050 (Sirius / PRI).

Outlook will include five 10-minute plays from five London-based 10- to 12-year-olds in the week's programs; the children, from Bangladesh, China, Croatia, Ghana, and London, now live in the King's Cross area of London. Their plays are set in the parts of the world their parents or grandparents came from. Each play has two characters, neither of whom can be human, and the children's words cannot be altered by the actors playing the parts. Shortwave airtimes include 1405 (Europe); 1005 and 1305 (Africa); 1405 (Americas / XM); 0405 and 2305 (XM); 1905 (Sirius)

Schoolday 24 is a special initiative on Wednesday, December 6th, linking schools in "hot spots" such as Moscow and Chechnya, Sri Lanka, and Skopje; also, schools in Albania, Bangladesh, Burma, China, Germany, India, Indonesia, Kenya, Mexico, Nigeria, Pakistan, Poland and the USA. These schools will be linked up using satellite transmission capabilities facilitated by the BBC. Specific airtimes and programs for these linkups have not been given, though the special website <http://www.bbcnews.com/schoolday24> will be active before and during this special day of programming.

Saturday, December 9th and Sunday, December 10th see the finale of **The Next Big Thing**, the BBC World Service's search for the best young band or solo artist aged 18 or under; the six finalists are judged by a global panel and the winner is revealed. Airtimes include Sunday 2206 (Africa), Sunday 1906 (Europe), Sunday 1406 (XM) and Monday 0106 (XM).

Other programs with special *Generation Next* editions airing that week include *Discovery*, *Science In Action*, *One Planet*, and *Health Check*.

A new four-part investigative documentary series, **Global Account**, begins on December 15th; subjects include Paraguay's Islamic terror connection (12/15), HIV and Corruption (12/22), Europe's Secret CIA Prison (12/29) and India's Sex for Sale Orphanages (1/7). Air times include 0905, 1205, 2005 (Europe); 0905 and 1405 (Africa), 1206 (XM), 1306 (Americas sw).

Special Holiday Request

If you make note of special holiday programming from your favorite broadcasters, please pass that information along to me, even if it's after the fact—I'll add it to my file that I update each year regarding seasonal and special programming; use the contact information shown at the top of column, or use the "Contact Staff" link at the NASWA website, <http://www.naswa.net>.

May your holidays bring you radio presents and some time off for listening!

Until next month (and next year),

73 DE Richard



WWW Shortwave Listening Guide

Looking for programs to listen to? You can find what programs are on for the current hour or list programs of a desired type on a given day at the **www Shortwave Listening Guide** on NASWeb. Visit the Guide at <http://www.naswa.net/swlguide/>.



Shortwave Center

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Happy Holidays to All! In your shortwave stocking this month, we have three interesting articles bound to keep those receivers all warmed up!73!

From the DX Window, official publication of Danish Shortwave Club International (DSWCI).

EDXC Conference in St. Petersburg

by Anker Petersen

(Reprinted from DX Window)

The 39th annual Conference of the European DX Council (EDXC) was held on Oct 19-22, 2006 at the State Regional Education Centre of the Federal Agency for Atomic Energy in the northern part of St. Petersburg, Russia. 70 people attended this Conference from 12 countries: Russia (32 participants), Finland (22), Denmark (3), Sweden (3), U.S.A. (3) and one from Belarus, Czech Republic, Germany, Ireland, Japan, the Netherlands and Scotland. For us, it was a special pleasure to meet many present and former members of the DSWCI, including Alexey Osipov, Mikhail Timofeyev and Alexander Beryozkin from the St. Petersburg DX Club.

The Conference was excellently organized by the coming Secretary General, Tibor Szilagyi, and the St. Petersburg DX Club whose members showed us fantastic hospitality and friendship!

The Conference was opened by Mr. Alexander Beryozkin on behalf of the local DX Club playing the Anthem of SanktPetersburg. Then Mr. Tibor Szilagyi gave the EDXC welcome on behalf of the interim Secretary General, Mr. Luigi Cobisi, who was on a business trip to Japan. An impressive agenda was presented with no less than 14 lectures and reports held in Russian or English with simultaneous interpreting.

During Friday and Saturday morning we heard and saw the following lectures which will covered more in SWN:

- "Special features of radio waves propagation by reflection from ionosphere" by Professor Evgeny Milyutin.
- "National Association of SW Broadcasters and my 13 years at KFBS, Saipan" by Michael Adams, FEBC, USA.
- "Using active magnetic aerials in professional radio receiving and DXing" by Dr. Anatoly Bobkov.
- "Collecting Soviet vintage radio receivers" by Mr. Omar Cheishvili.
- "LW/MW/SW broadcasting: past, present and future. DRM standard" by Ms. Valentina Jolkver-Krasnoposkaya.
- "DXing and radio landscape in Thailand, Vietnam, Laos and Cambodia" by Anker Petersen, Denmark. This lecture will be brought in full in SWN later on.
- "Results of the tests of software-defined radio receivers for HF and MW reception using both analogue and digital (DRM) technology" by Mr. Tarmo Kontro, Finland.
- "Broadcasting in St. Petersburg region" by Mr. Mikhail Timofeyev.
- "Reception of satellite international broadcasting in St. Petersburg" by Mr. Vladimir Kharitonov.
- "Development of DRM radio transmitters" by Mr. Alexander Artamonov.

- "DXing in Japan" by Mr. Toshimichi Ohtake, Japan.
- "DXing in Finland" by Mr. Risto Vähäkainu, Finland.
- "Moscow Club of DXers" by Mr. Vadim Alexeyev.
- "St. Petersburg DX Club" by Mr. Alexander Beryozkin.

On Friday evening a few of us were interviewed at Radio Gardarika for a special broadcast Sunday afternoon (Cf. RUSSIA above). After a sightseeing tour by bus through parts of the beautiful city on Sat-

urday afternoon, we visited the Professor A. S. Popov Apartment Museum where his radio laboratory was presented by Ms. Larisa Zolotinkina. In the evening the Conference closed with an excellent Banquet dinner and lottery.

It was a very informative Conference where we met many DX friends particularly from NE Europe, held in the Russian city which always had been regarded as the "Russian Window to the West". We look forward to the next EDXC Conference in Lugano, Switzerland on Nov 01-04, 2007.

From "Contact", the monthly publication of the World DX Club.

Sri Lankan Broadcasting Corporation

by T. R. Rajeesh

(Reprinted from November 2006 World DX Club)

Radio Ceylon or SLBC was one of the favourite stations in South India due to their regular film song broadcasts. Almost all households used to tune into their film song programmes from 0900 UTC (0230 pm). We were not interested in the morning English broadcasts from Ceylon (old timers still use this name and I too like it) as the time slots were borrowed by numerous Christian broadcasters pumping their messages from heaven! But the Anglo-Indian community really glued their ears to the morning broadcasts as Ceylon used to broadcast the latest English pops and nice talk shows. All that was a matter of past. The arrival of tv, mostly cable television, put an end to the popularity of SLBC.

During my high school days I could to hear almost all low power medium wave and domestic shortwave channels from Sri Lanka. But these are not active now due to the advent of FM on the island. In this edition of Report from India I have written an article on history of SLBC. Hope everybody enjoy this article on my childhood companion, SLBC.

Sri Lankan Broadcasting Corporation History

Sri Lanka (then Ceylon) was one of the first British colonies to introduce radio broadcasting a few years after its inauguration in Europe. The arrangements made for broadcasting service in Great Britain in 1923 involved the granting of a license to the British Broadcasting Company for the establishment of stations in different parts of the country. This sparked off unusual interest in broadcasting in a number of British colonies.

In Sri Lanka a committee was appointed to report on the feasibility of radio broadcasting. A significant event took place in 1921. Mr. Edward Harper arrived in Ceylon on July 21, 1921 to take up duties as Chief Engineer of Telegraphs. Harper brought with him a deep interest in the medium of radio broadcasting. He was ably supported in the endeavour by a team of British and local enthusiasts. Harper was instrumental in banding the radio enthusiasts together by forming the Ceylon Wireless Club. The committee recommended that making use of the existing plant at the Colombo Wireless Station and equipping it with additional apparatus should commence radio broadcasting. Mr. Harper's vantage position as

Chief Engineer was helpful in introducing radio broadcasting.

The first experimental broadcast was done on 22 February 1924. The new home of the YMCA in Colombo was opened by the Bishop of Colombo. The proceedings of the opening ceremony were broadcast, creating a new history in Ceylon (Sri Lanka). Just four months after the YMCA experiment, radio broadcasting was inaugurated by Sir William Henry Manning, the then British Governor on 27 June 1924 at 2.30pm. Sir Manning was due to address the members of the Engineering Association of Ceylon at the annual session. It so happened that Mr. Harper made it the occasion to inaugurate broadcasting.

This event was very significant since it marked the inauguration of broadcasting in the first South Asian country. There is a difference of opinion on the date of the inauguration of radio broadcasting in the country. December 16 1925, was actually the day on which the improved transmitter was opened by the then Governor—the actual date of inauguration was 27 June 1924. On June 27 1924 at 3.30pm a program of recorded music was broadcast by placing a microphone in front of an ordinary gramophone. The studio amplifier and transmitter were all housed in one small room in the Central Telegraphic Office building. The public was informed that this temporary apparatus was limited range and power and that the broadcasts were experimental and liable to disturbances.

After July 1, 1924 broadcasts were somewhat irregular, two or three times a week, depending on programme materials available, much of which were gramophone records. Mail news, universal time signals and weather reports were subsequently broadcast daily. At the end of 1924 a total of 53 licenses had been issued. The available evidence suggests that by the end of 1925 the service had emerged from its early stage. The station was providing a regular broadcast service on 800 meters using the Colombo Telegraph transmitter with certain modifications. The Governor of Ceylon, Sir

Hugh Clifford, inaugurated broadcasting on the new plant on 16 December 1925. The transmitter opened on this day was a 1 kw one compared to the previous one, which was only ½ kw.

With afternoon broadcasting, there commenced the transmission of an extended news service. In the evening a musical program consisting of songs and solos on the piano, banjo and violin contributed by Mrs. Spencer Shepherd and Messrs F. J. Harlow, J. Mackenzie, John Murray, C. Wilding and H.O. White was broadcast. The acoustical properties of the new studio, which was used for the first time on 16 December 1925, proved a great improvement on the old arrangements. The transmission was remarkably free from disturbing street noises.

A series of christmas carols was broadcast on 17 December 1925 from 6.00 pm onwards. All in all 160 radio licenses has been issued by December 1925. A dual transmission was introduced in 1947-48 for the first time in the country. Short wave 61.2 meters was reserved for broadcasts in English and medium wave 428.6 meters for Sinhala and Tamil.

Establishment of Radio Ceylon

After the Second World War, the impending vacation of the Cotta Road premises showed the need for a permanent and modern type of broadcasting station. A plan for constructing eight highly specialized studios at Torrington Square was, therefore launched, but progress was not quite satisfactory, due to the scarcity of building material in the wake of the war. However completion of the eight new studios and conversion of the building were done by September 1949. Also Radio SEAC (South East Asia Command) was taken over in March 1949. The SEAC radio station had been set up during World War 2 by the British Services to bring within the reach of Servicemen overseas.

On 1 October 1949, the subject of radio broadcasting was organised under a government department and came to be known

as Radio Ceylon. A BBC officer John Lampson was brought in to head Radio Ceylon. On 5th January 1967, Radio Ceylon became a public corporation. The late Dudley Senanayake, then Prime Minister ceremonially opened the newly established Ceylon Broadcasting Corporation and appointed Mr. Neville Jayaweera as the Chairman. The organization acquired its present name, Sri Lanka Broadcasting Corporation, with the transition of the state into the status of "Republic of Sri Lanka" on 22nd May 1972. SLBC has since continued in the same legal status as a state corporation, and is currently listed under the scope of the Ministry of Information and Media of the government of Sri Lanka.

Transition of Domestic Broadcasting from Medium Wave to FM

As was the case with many national radio stations with the same standing several decades ago, SLBC was relying on medium wave as the primary mode of domestic broadcasting until the dawn of '90s. Some sporadic FM broadcasts had nevertheless been already introduced at several transmitting stations more as a means of 'relaying' the broadcasts to medium wave transmitting stations. However, by late '80s SLBC was acting in recognition of the strategic importance of switching from MW to FM as the primary mode of domestic broadcasting. Accordingly, in 1993, the "FM Stereo Broadcasting Facility at Colombo" was commissioned with the technical assistance of the government of Japan. This was followed by the "Islandwide FM Development Project" that was launched in 1995. The objectives of the project were to develop an island-wide multi-channel FM stereo broadcast transmission network and to divest the costly domestic medium wave transmitting stations, which were typically broadcasting only one or two program channels per transmitting station. By 1999, more than 95% country's total population was being covered by SLBC's FM transmissions with nearly 90% of them receiving all six nationwide channels.

Radio Services currently maintained by SLBC

At present, SLBC's island-wide (domestic) FM network broadcasts six Regular program channels on a nationwide basis, and those six 'national' channels account for the major proportion of its domestic broadcasting. The six channels are:

1. Sinhala Swadeshiya Sevaya' (Sinhala National Service)
2. Tamil National Service
3. English Service
4. City FM (Sinhala)
5. Velenda Sevaya' (Sinhala Commercial Service), and
6. Thendral (Tamil Commercial Service)

While the first three channels are dedicated for public service broadcasting in the three languages Sinhala, Tamil and English, the fourth one (City FM) is maintained as a channel dedicated for the youth. The last two channels, whilst representing 'an adult contemporary' genre, accommodates a certain amount of commercial content. Besides the above six channels operated on a regular basis, SLBC also operates on nationwide basis a seventh channel, namely the 'Sports Service', which is a channel dedicated for sports, but only during the times of major sports events such as international cricket matches.

The other component of domestic broadcasting comprises of four Regional Services, each of which are originating from respective regional studio centres, and five community radio services, operated in five specific areas with substantial socio economic homogeneity. All of these regional and community radio services maintained by the SLBC largely represent a public service broadcasting format with regional community focus.

External Broadcasting

In addition to the above domestic services, SLBC is also operating an overseas service, transmitting in shortwave to the south & south-west Asia and the Middle East, in Sinhala, English, Hindi and several Indian sub-continental languages. Their shortwave transmitting station at Ekala consists of 10 x 10, 3 x 35 kw, 2 x 100 and 2 x 300 kw transmitters. All the 10 kw transmitters were used for domestic broadcasting and all of them are inactive/discontinued broadcasting during the past few years. Radio Japan/NHK leases the two 300 kw transmitters from SLBC for their relay broadcasts to South & South East Asia and Middle East. Also, there is a medium wave transmitting facility for broadcasting mainly to the Southern

regions of India. SLBC is not a good verifier of reception reports and many DXers have not received any reply even though return postage is enclosed. However interested listeners may try their luck for verification by writing to the following address:

Sri Lanka Broadcasting Corporation
P.O.Box.574, Torrington Square
Colombo 7, Sri Lanka

Courtesy and References:

1. Sisira Chandrasekhara's website
2. SLBC website
3. World Radio TV Handbook 2006

DX Target: Radio Virgen del Carmen

Es Parte de tu vida...!!!

By Richard A. D'Angelo

Always one of the great target areas for shortwave DXers, Perú continues to offer many outstanding DX Targets to shortwave listeners around the globe. Although shortwave radio stations in Perú come and go, there is still plenty of interesting targets in the shortwave spectrum to listen for. This DX Target will feature an interesting station from Huancavelica, Radio Virgen del Carmen. It is the station that wants to be a part of your life, *es parte de tu vida!*

Perú

Perú with its 28 million inhabitants is located in western South America, bordering the South Pacific Ocean, between Chile and Ecuador. The 28 million people are about 45% Amerindian, 37% mestizo (mixed Amerindian and white), 15% white, and 3% black, Japanese, Chinese, and other. The official languages are Spanish and Quechua, although Aymara, and a large number of minor Amazonian languages are spoken in Perú. The countries' weather varies from tropical in the east to dry desert in the west and temperate to frigid in the Andes region.

Its primary natural resources includes copper, silver, gold, petroleum, timber, fish, iron ore, coal, phosphate, potash, hydropower, and natural gas. The countries' principle agricultural crops include coffee, cotton, sugarcane, rice, potatoes, corn, plantains, grapes, oranges, coca, poultry, beef, dairy products and fish. Major industry includes mining and refining of minerals, steel, metal fabrication, petroleum extraction and refining, natural gas, fishing and fish processing, textiles, clothing, and food processing.

Ancient Perú was the seat of several prominent Andean civilizations, most notably that of the Incas whose empire was captured by the Spanish conquistadors in 1533. Peruvian independence was declared in 1821, and the remaining Spanish forces were defeated in 1824. After a dozen years of military rule, Perú returned to democratic leadership in 1980, but experienced economic problems and the growth of a violent insurgency. President Alberto Fujimori's election in 1990 ushered in a decade that saw a dramatic turnaround in the economy and significant progress in curtailing guerrilla activity. Nevertheless, the president's increasing reliance on authoritarian mea-

tures and an economic slump in the late 1990s generated mounting dissatisfaction with his regime, which led to his ouster in 2000. A caretaker government oversaw new elections in the spring of 2001, which led to Alejandro Toledo becoming the new head of government. He was the first democratically elected president of Quechua ethnicity. The presidential election of 2006 saw the return of Alan Garcia who, after a disappointing presidential term from 1985 to 1990, returned to the presidency with promises to improve social conditions.

Perú's economy reflects its varied geography - an arid coastal region, the Andes further inland, and tropical lands bordering Colombia and Brazil. Abundant mineral resources are found in the mountainous areas, and Perú's coastal waters provide excellent fishing grounds. However, overdependence on minerals and metals subjects the economy to fluctuations in world prices, and a lack of infrastructure deters trade and investment. After several years of inconsistent economic performance, the Peruvian economy grew by more than 4 percent per year during the period 2002-2005, with a stable exchange rate and low inflation. Risk premiums on Peruvian bonds on secondary markets reached historically low levels in late 2004, reflecting investor optimism regarding the government's prudent fiscal policies and openness to trade and investment. Despite the strong macroeconomic performance, the Toledo administration remained unpopular in 2005, and unemployment and poverty have stayed persistently high. Future economic growth will be driven by the Camisea natural gas mega project and by exports of minerals, textiles, and agricultural products.

Huancavelica

Huancavelica is a region in Perú with a population of about 400 thousand people that was formed in 1822. The department of Huancavelica features one of the roughest ter-

rains in the country, formed by valleys, deep gorges, towering mountains, winding roads, and mesas with an average elevation of about 15,000 feet or 4,600 meters.

The city of Huancavelica is the capital of the region. It has a population of approximately 40 thousand, with indigenous people representing a major percentage of the population. It is located about 140 miles or 225 kilometers southeast of Lima, in the inter-Andean Huancavelica River valley at an elevation of 12,060 feet or 3,676 meters. The city of Huancavelica is bordered by fertile fields and green pastures where cattle graze. The climate is cold and dry between the months of February and August with a rainy season between September and January. Huancavelica is serviced by a train that runs between Huancavelica and Huancayo. The region was part of the Inca Empire. Following that period, the Spanish discovered silver and mercury mines, a reason for establishing themselves there. It provided the mercury used to extract silver from ores from the Potosi silver mines. Currently, the city preserves its mansions and magnificent Colonial churches.

The Station

Radio Virgen del Carmen was founded in 1997, when it acquired the studio and transmission facilities of Radio Villarrica which was previously known as Radio Huancavelica. The station's task was to spread education programs and cultural news with a local flavor. Initially, the station was

Q S L

Certificado de Sintonía

Emisora Radio Virgen del Carmen, Huancavelica, Peru

Para Richard A. D'Angelo

Muchas gracias por su informe de recepción. Tenemos el gusto de confirmar su control de nuestra emisión en 4,886.7kHz. de fecha 15 de Diciembre 1998 a las 10.16 a 10.46 horas de UTC con vatios de potencia.

HUANCVELICA PERÚ, 27 NOVIEMBRE 2003.



X

firma

sello oficial

known as Radio Virgen del Carmen de Villarrica reflecting the Catholic nature of the station combined with the old station name.

Radio Virgen del Carmen operates on 4,886.7 kHz, nominally 4885 kHz, in the 60 meter band. The studios are located at Plaza Bolognesi No. 142 in Huancavelica. The power of the transmitter is 1,000 watts, which is located in Yananaco, Huancavelica. Generally, they can be heard signing on at 1000 UTC in North America. They close the broadcasting day about 0200 UTC although with many Peruvian stations these can only be thought of as approximate guidelines. Also, the station operates on 1,580 kHz in the medium wave band using the same schedule as the shortwave outlet and 99.1 MHz in the FM band twenty-four hours a day. The station broadcasts in Spanish and Quechua languages with a majority of the local people speaking Quechua.

They carry programs of the Catholic religion, folk music and topics of local interest. Radio Virgen del Carmen produces local programs like news, features, cultural education, and sports. Many of the programs are in the native Quechua language. Radio is the primary method used to reach the masses of people located in the rural countryside areas of the region.

The station is part of a religious association dedicated to evangelizing the Catholic faith. They have minimal income and rely upon donations and aide from overseas to support their operations since the average monthly income is only about US\$50.00. Radio Virgen del Carmen distributes toys and chocolate to the local community during the Christmas holiday season.

In 2001 the station arranged to receive programs from EWTN Worldwide Catholic Radio from Birmingham, Alabama in the USA. EWTN can be heard worldwide on shortwave with its own program but this local outlet provides them with an opportunity to reach some very rural listeners. They relay direct from EWTN radio programs like Mother Angelica and more recently they have added a channel of Mother Angelica of EWTN Television to the cable television system in the city of Huancavelica and they have opened

UHF channel 15. Eventually, they plan to add local television production.

Through these various resources, Radio Virgen del Carmen contributes to the social and moral development of the local Andean towns, mainly concentrating its efforts on the underprivileged for geographic, economic and social reasons. By making use of modern technological communications tools and human resources, Radio Virgen del Carmen hopes to be the station to service of the Andean population by providing an extension of the Catholic Faith and to be part of the life of each one of the people in the region. Their program lineup provides healthy entertainment, culture, education, useful, truthful and objective information while enabling the spreading of the gospel and doctrine of the Catholic Church.

The station is known to reply to shortwave listener reception reports that are written in Spanish and include return postage. I received a nice personal letter from verification signer José Lopez Alvarado who is the Director-General of the station. He also signed and stamped my prepared card. Mint stamps or US dollars seem to be the preferred return postage mechanisms. Detailed reception reports can be sent to the station at the following postal address:

Radio Virgen del Carmen
Sr. José Lopez Alvarado, Director General
Plaza Bolognesi No. 142 Cercado
Huancavelica, Perú

Alternatively, you can try sending José Lopez Alvarado an e-mail reception report to: jlopez_alvarado@hotmail.com. Like many radio station these days, Radio Virgen del Carmen also has a website: <http://www.radiovirgendelcarmen.com/>. You can find Spanish language information about the station as well as program information, news and live audio.

As always, remember to send in the Radio Virgen del Carmen logs to electronic *Flash-sheet* editor Mark Taylor and to Dan Ferguson for the *Log Report*. Of course, those always fascinating Peruvian QSL verifications should be sent to Sam Barto for inclusion in the *QSL Report* column. Good luck with this DX Target.

Kim's Column

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This column, with links, is available at this URL publicized only to NASWA members: <http://www.kimandrewelliott.com/index.php?id=675>.

Enter Aljazeera English

By far the biggest recent story in international broadcasting is the launch of Aljazeera English. I've seen over a hundred news stories and commentaries about this new English-language counterpart to the controversial Arabic-language Aljazeera.

Distribution of AJE in North America is limited, as no cable systems nor the two main satellite companies (DISH and DirectTV) include it, yet, in their channel lineups. If you have Globecast dish (the satellite equivalent of shortwave), you can receive AJE that way. Via the internet, the channel can be received through VDC.com or JumpTV.com. From aljazeera.net/english itself, 24/7 broadband access costs six dollars a year, same price as similar access to BBC World. Free dial-up quality access is available, but only for 15 minutes at a time.

Shortwave broadcasting actually exists for situations such as this, where access to a foreign broadcaster is denied in the target country. Aljazeera might consider one or more of the several shortwave transmitters for hire that can reach the United States and Canada. The audio portion of AJE would communicate at least 80 percent of the essential information provided by the channel.

Access is not a problem at VOA, where we can watch AJE 24/7 through our in-house television system. From my hours of viewing, I can conclude that AJE is a serious news operation, with formidable production values, despite a few glitches in its first days of operation. Most noticeable, to me and to many commentators, is its attention to news of the developing countries. For decades, people in developing world have been lamenting the "brushfire" report-

ing about their countries by the Western media. AJE might provide the coverage they are looking for. Evidence of this is that TV National in Kenya has eliminated its relay of CNN International during the overnight hours, and replaced it with AJE.

I think AJE has the chops to become one of the "big three" English-language international news channels, along with CNN International and BBC World. Other global channels, including France 24, DW-TV, and Russia Today, will be in lesser tiers. ABC's Australian Network and emerging African channels will also compete, but on regional levels.

The real test of AJE will be in the months to come. It took a year or so of operation for people to get into the *habit* of watching CNN International and, later, BBC World, on a regular basis. We will see if that habit develops for AJE. Some commentators are concerned that its long reports about countries off the beaten path might turn off some viewers. This is the perhaps the news we *should* be watching, but might not have the patience to do so. BBC World will maintain its dominant ability to cover the major powers. And CNN International will have the slick production, human-interest fare, and quick movement from subject to subject that many viewers favor.

Also in the months to come, we'll see if AJE tries to maintain journalistic values of objectivity and balance. Or will an agenda become apparent? Brendan Bernhard, writing in the *New York Sun*, already smells ulterior motives: "It would take a George Smiley to figure out what the Emir of Qatar's game is, but it's surely a double, triple, or even quadruple one. The presence on Al-Jazeera English of grandees such as (David) Frost will ensure it avoids the excesses of the Arabic-language original, but it will take chances, it will try to make its rivals look timid, and it will certainly be a force to be reckoned with."

VOA-TV: what will it be?

In my previous column, I reported that VOA has not one but two new directors. Danforth Austin is now director of VOA, and Russel Hodge is director of VOA-TV. The latter is a new position. The establishment of a VOA-TV director may have something to do with a Booz Allen study, which recommended creating separate VOA units, one for radio and one for television.

Indeed, in the VOA/IBB executive suite on the third floor, walls that used to separate the normal-sized offices of various senior advisers and special assistants have been knocked out to create a large office for Mr. Hodge, equal in size to that now occupied by Mr. Austin. Booz Allen will no doubt be pleased.

And who will report to whom? That's the big question being asked around our corridors. Will Mr. Hodge report to Mr. Austin, or directly to the Broadcasting Board of Governors?

Furthermore, what plans does Mr. Hodge have for VOA-TV? All of the recent news about Aljazeera English might bring the urge to create a 24/7 English news channel. That, however, would be frightfully expensive and difficult. From the private sector, CNN International is already well established, and the Fox News international distribution is growing rapidly. The International Broadcast Act of 1994 instructs U.S. government international broadcasting not to compete with private U.S. efforts.

But VOA might want to establish a multilingual 24/7 channel, with 60- or 30-minute blocks of programming in various languages. Cable systems in some large cosmopolitan cities around the world might take the channel in its entirety. Terrestrial stations would use that channel to downlink programs in specific languages, for live or delayed rebroadcasting.

A second way to do a 24/7 multilingual channel is for VOA to partner with a U.S. cable channel, such as C-Span, TV Land, TCM, the Travel Channel, etc. The content would be translated by dubbing or captions. The miracle of digital satellite receivers would allow the viewer (or cable system) to select

the language of the dubs or captions, or to keep the original English. On this channel, VOA would insert maybe four daily news programs, in English, with lots of video, and with the dubs or captions in various languages.

Another approach to VOA-TV would not require full-time channels. Instead, VOA would continue to place block programs, of the usual 30- or 60-minute lengths, daily or weekly, on television stations in the target country. Ideally, the stations would take these programs for free, but ultimately VOA might have to pay for the time.

With such block programs, VOA-TV would be in competition with whatever programs are on other channels in the target country at the same time. As domestic television in target countries gains competence, it becomes more difficult for any international broadcaster to compete in such a manner. The solution: if you can't beat them, join them. VOA is already doing this in some languages by placing reports on news programs of domestic television networks in the target country. These reports are used occasionally, as needed, by the domestic station. The burden of attracting an audience is on the domestic station, which can probably do a better job of this than any international broadcaster.

Finally, if domestic stations in the target country can't be convinced to take block programs or reports, VOA-TV will have to buy its own time. To get big audiences, that time will have to be purchased during evening prime time. Hour-long or half-hour blocks would be prohibitively expensive. The practical solution is to buy time by the minute, just like commercials, except the content would be VOA news reports or features.

Sixty seconds is longer than you think, and much information can be imparted if the writing is skillful. For viewers wanting more details, and more content, the website www.voanews.com would be displayed throughout the one-minute report. Television handing off to the web: that's multimedia international broadcasting.

Views expressed are my own. More at kimandrewelliott.com, with RSS and Atom feeds.

Adrian Peterson's Diary

Dr. Adrian M. Peterson • Box 29235 • Indianapolis, IN 46229

Wonderful Isle of Dreams

Florida! Vacation state for admiring tourists, winter haven for shivering northerners, holiday playground for traveling families, and jumping off destination for tour boat devotees. However, in addition to these idyllic descriptions that lure the wandering visitors and invite them to flow into Florida, we can also remember that the state of Florida has featured prominently in the international scene of shortwave radio broadcasting. Currently on the air today is the large facility of Family Radio with its fourteen shortwave transmitters located a little north of Lake Okeechobee, and the commercial station WRMI with its two shortwave transmitters located a little north of Miami itself. In earlier years, there was station W4XB-WDJM, the shortwave counterpart of the AM station, WIOD. It all began this way.

Back in the Spring of 1925, Carl Fisher commenced the construction of an AM medium-wave station on Collins Island, Miami Beach in Florida. He had already built several luxury hotels in this new vacation area which served as a winter haven for visiting tourists from the colder northern regions. The concept in establishing this radio station back in the pioneer days when radio was still a novelty was to publicize his tourist facilities on this sandspit sandwiched in between the Atlantic Ocean and Biscayne Bay.

A Western Electric WE106A transmitter, rated at 1 kw and tuned to 1210 kHz, was installed in a two story building on Collins Island that also housed the studios and offices for this new radio venture. The antenna towers were erected behind the main building, they stood 250 ft. high and they were spaced 385 ft. apart. The counterpoise ground system consisted of nearly 14 miles of wire buried in the salt water marshy areas. Test broadcasts from the new WIOD were authorized by the Department of Commerce on January 5, 1926, and the official license was dated four days later. A regular radio broadcasting service was commenced from the new WIOD on

January 19, 1926, as the second radio station in the Miami area. The callsign WIOD, as is so well known in Miami, stands for "Wonderful Isle of Dreams," an idyllic reference to Fisher's tourist area at Miami Beach.

Over the years, station WIOD has been moved several times, with studios in the Fleetwood Hotel and the Miami Herald Building and the Miami News Building and on Cameo Island and in North Bay Village and Miramar. The WIOD transmitter and antennas have also been moved on several occasions, from Collins Island, which was known later as Clauton Island, to a tower on top of the Miami News Building. It was a common practice in those days to erect the antenna masts on top of a tall building in an endeavor to gain a greater height and therefore an extended coverage area. However, this widespread practice was discarded a few years later after it was discovered that the poor grounding system of a tall building did not enhance the coverage area of a mediumwave transmitter. Thus, the WIOD transmitter was soon afterwards moved to Little Cameo Island.

Among the other changes and developments experienced by WIOD were changes in callsign from WIOD, to WCKR, and back again to WIOD. The transmitter power, originally 1 kw, was increased to 5 kw in 1941 and to 10 kw in 1981. Likewise, there have been several changes in frequency, seven in all, though the current channel, 610 kHz, has been in use consistently since 1937. Today, there are a total of seven AM and FM stations clustered together in the large studio complex at Miramar.

However, as far as the international broadcasting facility is concerned, their era of shortwave broadcasting is of real interest and importance. The purposes for the parallel relay of programming on shortwave was to increase the coverage area of the AM mediumwave station, to encourage winter tourism from the colder northern areas of

North America, and to publicize the vacation advantages that can be discovered in Florida

In 1932, just six years after the mediumwave station was launched, station WIOD announced that a shortwave transmitter was under construction. This unit, assembled by their engineering staff, was inaugurated in July of the same year, 1932, with programming in parallel with the mediumwave unit which was on 1300 kHz at the time. Under the callsign W4XB, this new station was noted internationally soon afterwards with test broadcasts in the 49 metre band. The WIOD shortwave station always operated on only the one channel, 6040 kHz. The printed schedule for this new broadcast operation showed a few hours in the afternoons and evenings with extended programming on Sundays.

Interestingly, in February 1933, station W4XB was noted in Australia with test broadcasts in conjunction with Radio Manila in the Philippines. In those days, distant stations would observe a pre-arranged schedule for the purpose of exchanging live programs, and thus listeners in Florida and throughout North America had the opportunity on this occasion of hearing radio programs from a distant country, the Philippines.

Throughout its entire lifetime, shortwave W4XB was on the air from the same transmitters, a pair of homebrew units at 5 kw, and always on the same channel in the 49 metre band, 6040 kHz. On occasions, the station was off the air for extended periods of time due to what would be described as transmitter maintenance. Available information suggests that there was only ever the one location for the shortwave transmitter, and that was at the original WIOD location on Collins, or Clauton Island. This island is long since gone; it was taken over by a highway and a hospital, and nearby marshy areas were filled in.

The original callsign for the shortwave transmitter was W4XB. However, even though this call makes the station look like an amateur operation, this was not the case. Back in that era, callsigns with this type of configuration were looked upon as being experimental, and they could be either amateur or professional. The X after the number indicated experimen-

tal. With armed conflict looming over the international scene in continental Europe, the federal licensing authorities required all shortwave broadcasting stations in the United States to discard their experimental callsigns and register a regularized callsign, effective September 1, 1939. During the hasty events of this crisis period, WIOD shortwave was noted for a short period of time in Australia and New Zealand with the callsign WBKM. However, ultimately the shortwave unit operated by the "Wonderful Isle of Dreams," station W4XB became WDJM.

In another directive a few months later, the licensing authorities required that all shortwave broadcasting stations in the United States should be operating at a power of 50 kw, or have submitted a CP for 50 kw, effective April 1, 1940. At this stage, WIOD decided to drop out of the international shortwave scene and concentrate on local coverage, AM and later FM. The final broadcast from shortwave WDJM, the usual relay from mediumwave WIOD, took place some time during the month of September 1940, and the transmitter was quietly switched off for the last time. What was left of the two homebrew units, now combined into one 10 kw unit, was loaded onto a truck and taken up to Scituate MA, a few south of Boston. At station WRUL, the legendary Walter Lemmon re-activated the equipment a few weeks later and returned it to the air at its new location with 10 kw under a new callsign WRUX.

During its somewhat spasmodic on-air operation over a period of eight years, station W4XB-WDJM in Miami Florida was heard widely throughout North America, and also in Europe and the South Pacific. This pioneer shortwave station is long since gone, and only the very oldest amongst us can actually remember the events as they occurred. These days, just about all that is known about this station can be seen in a few old and yellowed QSL cards and in old and crinkled radio magazines.

(This is one of a series of articles that Adrian Peterson of Adventist World Radio is writing on behalf of the National Association of Shortwave Broadcasters for the trade publication, Radio World. It is reproduced here with permission.)



Listener's Notebook

At Quaglieri • P.O. Box 888 • Albany, NY 12201-0888 • FAX: (518) 453-0864 • al@alcue.com

Thanks to Dan Ferguson and Jerry Berg for their assistance in this truncated holiday edition of LN. -rb

BURMA 5040.39, presumed *R. Myanmar*, 1423-1438 Nov 15, M&W talking in lang. (Minority Service listed) continuing past BoH (which is ToH in Myanmar). Fair/poor, competing with the local noise. (Wilkins-CO, DXplorer)

5770, tent. *Defense Forces B/Cing Stn*, 1511-1527* Nov 18, pop songs, s/off anmt, ment. Myanmar and brief indigenous mx (same mx as noted in the past at 1330, which is the ToH for them), best level ever hrd; Nov 19, weak with pop songs at 1426, best rcptn after 1500 to 1528*, segments of talking and pop/rock songs. (Howard-CA, DXplorer)

CLANDESTINE (Cuba) 6135, *R. Republica* (via Rampisham), 2305 Nov 15, not bad but with possible TVI-like jamming. (Dexter-WI, DXplorer)

9630, *R. Republica*, supposed to add a b/c via Sackville on Tue-Sat at 0200-0500, starting Nov 14. That will inevitably draw jamming, and it's only 5 kHz from 9625, CBC Northern Quebec svc from same site. (GH, DXLD) Not hrd Nov 14, but maybe MJF too low. (GH, HCDX) No sign of *R. Republica* at 0400 check on Nov 17, nor on other checks in the 0200-0500 period supposedly here via Sackville now. Sometimes Cuban jamming, but even that is quite weak. I wasn't aware of this potential new site until GH's mention in HCDX. CBCNQS next door on 9625 also not making it the last few days, tho it has always been consistent in the past. (Dexter-WI, DXplorer)

CLANDESTINE (Iran) 6245, *R. Zaneh*, 2025-2059* Nov 12, beautiful Iranian instr. mx, but unfortunately it was continuous until the signal was terminated, so no anmts or IDs possible. Good rcptn. Next day, Nov 13, noted from 1935 with short features in Farsi with clear IDs at 2000 by a woman and then by a man, with violin mx in the background. Fair and improving. (D'Angelo/FCDX-PA, DXplorer)

CLANDESTINE (No. Korea) 9950, *Shiokaze*, here ex-9730 as of Nov 11; see RDXP WE Nov 12; due to 9730 being covered by CRI in EG. (Yamashita-ABI via Bueschel-Germany, DXplorer) Last week I sent an e-mail to Mr. Manabe, updating him on the situation with CRI on 9730. Rcvd the following response: "To Mr. Ron Howard. Thank you very much for your information. Regrettably to say, such situation continued till last week. So we changed to 9950 kHz the last Saturday. But this channel is very weak. China is very random! COMJAN, Chief Director, Sada-

ki Manabe." -- 9950, noted on their newest fqy (ex-9730), *1300 Nov 13 with piano mx, in JP and/or KO. Not hrd Nov 14 & 15. On Nov 16 noted weak *1300 but vty QRM from 9955, so weak that I could not make out the lang. It would seem to need just the right combination of condx to hear them here. (Howard-CA, DXplorer) 9950, no luck logging this stn on its new fqy at *1300 after several attempts. Got a weak carrier a couple of times, but no more. And the splatter from 9955 is quite severe. Still via Taiwan? (Wilkins-CO, DXplorer)

Shiokaze (Sea Breeze): New sked: 1300-1330 on 9950 in JP, KO, EG & 2030-2100 on 9645 in JP. (WBM, EDXP) -- R. Free No. Korea ["Freedom North Korea Broadcast"/FNKB--JB]: Latest sked from xmtrs in Taiwan: 0900-0930 & 1000-1030 on 11750; 1700-1730 on 9760; and 1900-1930 on 9780. Further details at <<http://www.freenk.net/>http://www.freenk.net/> [if you can get the EG link to work, which I can't--JB] (WBM, EDXP) -- Open Radio for North Korea/ORNK: Latest sked from xmtrs in Taiwan: 0930-1000 on 11750, and 2000-2030 & 2100-2130 on 9645. Further details at <<http://www.nkradio.com/>http://www.nkradio.com/> [EG works here but only 9785 at 0400-0630 Korean time listed--JB] (WBM, EDXP) So combining the above three we get: 9645 at 2000-2030 (ORNK), 2030-2100 (Shiokaze), and 2100-2130 (ORNK); 9760 at 1700-1730 (FNKB); 9780 at 1900-1930 (FNKB); 9950 at 1300-1330 (Shiokaze); 11750 at 0900-0930 (FNKB), 0930-1000 (ORNK) and 1000-2030 (FNKB). (JB) But see "Taiwan" . . .

CLANDESTINE (Senegal) 12000, *West Africa Democracy Radio* (via U.K.), 0700-0800* Nov 5, EG talk, Afr. folk mx, lite instr. mx. Too weak to catch main prgm details, but did hear an ID at 0758, "WADR," abrupt s/off. Very weak at 0700, but slowly improved to a weak-fair level by 0800. Must use ECSS-LSB due to strong open carrier on high side. (Alexander-PA, DXLD)

GERMANY Deutsche Welle schedule:

0000-0100	English	7265T/15320P
0000-0158	German	9440T
0000-0200	German	6075S/6075W/7120KR/ 9545S/9655KG/11690KG
0100-0130	Urdu	7285W/9850T
0100-0158	Russian	15620T
0100-0200	Russian	5925W/15335P
0130-0200	Hindi	7285W/9785KG/9850T
0200-0230	Bengali	7285W/9850T
0200-0300	Russian	5905W/7305N/15335T
0200-0357	German	6075N

0200-0400	German	6075S/6075W	1000-1200	German	5910P/6040SV/6075W/ 7265IR/9545N/11510A/ 13780N/17770W
0300-0357	Swahili	9565S			
0300-0358	English	7330T/9785T			
0300-0359	Swahili	7150W	1030-1100	Bulgarian	11970W
0300-0400	Russian	5905W/15335T	1030-1100	Serbian	7175W
0300-0400	Swahili	6180KG	1030-1150	Chinese	5900KM/15190KJ/ 17820T
0400-0430	Arabic	6035S/7105W/12025KG			
0400-0457	Russian	15620KG	1100-1300	Romanian	11970W
0400-0457	English	7225S	1130-1200	Romanes	11690W/15275W
0400-0459	Russian	5945W	1130-1200	Turkish	11690W/15275W
0400-0500	English	5905W/6180KG/9565W/ 15445T	1200-1230	Albanian	9770W
			1200-1258	Indonesian	15620T
0400-0600	German	6075S/6075W/9735W/ 13780KR/17800T	1200-1259	French	17610W
			1200-1300	French	15245S/15410KG/ 17800KG/21665W
0430-0457	Arabic	6035S			
0430-0500	Arabic	6135W	1200-1300	Indonesian	9655T/17820D
0500-0530	English	6180KG/7285W/9755KG/ 12045KG/15410D	1200-1359	German	13780S
			1200-1400	German	6075W/9545N/15610T/ 17630N
0500-0530	Belorussian	5945S			
0500-0530	Bulgarian	7200S	1300-1330	Chinese	5900NO/13735KJ/ 15620T
0500-0557	Russian	15620KG			
0500-0600	Russian	5910W/7305N	1300-1330	Bosnian	7175W
0530-0557	Portuguese	15410D	1300-1357	Hausa	15410KG/17800KG/ 21665W
0530-0559	Ukrainian	7200S			
0530-0600	Portuguese	7285W/12045KG	1300-1400	English	6140W
0530-0600	Ukrainian	5945W	1330-1400	Dari	15620W/17610W
0600-0630	English	7240S/7285W/9565W/ 12045KG	1330-1400	Croatian	7175W
			1400-1430	Pashto	15620W/17610W
0600-0630	Russian	5910W/7305N	1400-1430	Macedonian	7175W
0600-0630	Bulgarian	7195W	1400-1458	Amharic	15225T
0600-0700	German	15410KG	1400-1500	Amharic	11645KG
0600-0700	English	6140W	1400-1500	English	6140W
0600-0755	German	6075S/9545N	1400-1555	German	13780T/15275KG/ 15335S
0600-0759	German	7210W/12025W			
0600-0800	German	6075W/9545N/13780W	1400-1600	German	6075W/9545N
0630-0700	Turkish	9615W/11905N	1430-1458	Urdu	7225T
0630-0700	Albanian	6045W	1430-1500	Urdu	11995W
0630-0700	Hausa	7240S/9565W/12045KG	1430-1500	Serbian	7175W
0700-0715	Bosnian	6045W	1500-1510	Croatian	7175W
0700-0800	German	12045W	1500-1530	Hindi	7225T/9585T/11995W
0700-0800	English	6140W	1500-1557	Swahili	7190KG/12025KG
0715-0730	Serbian	6045W	1500-1559	Russian	11720W
0730-0800	Macedonian	9615W	1500-1559	English	6140W
0800-0830	Pashto	15620T/17710N	1500-1600	Swahili	17610W
0800-0900	English	6140W	1500-1600	Russian	7145W/9715W
0800-0958	German	17525T	1530-1559	Bengali	7225T/9585T/11995W
0800-1000	German	6075W/7175W/9545N/ 9545W/13780N/13780W	1530-1600	Turkish	9790N/15470S
			1600-1630	Albanian	15470S
0830-0858	Dari	15620T/17710N	1600-1657	French	9810KG
0900-0910	Croatian	9770W	1600-1658	English	6170T/9795T
0900-0959	English	6140W	1600-1659	French	15275W
0900-1000	English	17700T/21780T	1600-1659	Russian	9715W
1000-1030	Macedonian	9770W	1600-1700	English	11695W
1000-1100	Swahili	9875KG/12045KG/ 15410KG/21780W	1600-1700	French	9535KG/12035S/17610W
			1600-1700	Russian	7145W
1000-1157	German	17770S/21840N	1600-1755	German	12055T
1000-1158	German	15110T	1600-1759	German	11685W/13780W
			1600-1800	German	6075W/7255KG/9545N
			1700-1730	Urdu	9495W/11695T

1700-1757	French	9535KG/15275KG	S Sines
1700-1759	French	12035W	T Trincomalee
1700-1800	French	9735N/13790N	W Wertachtal
1700-1800	Russian	5980W/7145W/9715T	(via Dan Ferguson)
1700-1800	German	6075S	
1730-1759	Polish	7240S	
1730-1930	Persian	5910KR/5925NO	
1800-1857	Hausa	11615S	
1800-1900	Hausa	9430W/11665KG	
1800-1900	Arabic	7280W/11605T/11925KG	
1800-1900	Russian	5980W/7145W/9715T	
1800-1957	German	11725KG	
1800-1959	German	11945W	
1800-2000	German	6075S/6075W/9545N	
1830-1900	Bulgarian	9810S	
1900-1930	English	7245KG/9735W/11690S/ 12025T/15275S	
1900-1957	Arabic	11925KG	
1900-1958	Arabic	11605T	
1900-1959	Russian	9715T	
1900-2000	Russian	5980W/7145W	
1900-2000	Arabic	7280W	
1930-1957	Portuguese	7245KG/15275S	
1930-1958	Portuguese	12025T	
1930-2000	Portuguese	9735W	
2000-2057	English	6145/9830KG	
2000-2057	Russian	7145S	
2000-2058	English	15275T	
2000-2100	Arabic	5905N/6130W/9495S/ 11890T/13780KG	
2000-2100	English	9735W/12025W	
2000-2100	Russian	5980W/6180W	
2000-2100	German	11935T	
2000-2155	German	6075S	
2000-2200	German	6075W/9545N	
2100-2115	Serbian	7245S	
2100-2157	German	11935KG	
2100-2157	Arabic	9495S/13780KG	
2100-2200	Arabic	5905N/6130W/11890T	
2100-2200	English	7280W/9615T/11690KG	
2200-2355	German	11865S	
2200-0000	German	5900NO/6075S/6075W/ 7395A/9545W/11690KG	
2200-2258	Indonesian	6000T	
2200-2300	Indonesian	9720KG/12035KG	
2300-2350	Chinese	5915T/6225DS/9865D	
Sites:			
A	Alma Ata		
D	Dhabayya		
DS	Dushanbe		
IR	Irkutsk		
KG	Kigali		
KM	Komsomolsk		
KJ	Kranji		
KR	Krasnodar		
N	Nauen		
NO	Novosibirsk		
P	Petrovavlovsk		
SV	Sackville		
UNITED KINGDOM BBC World Service schedule:			
0000-0030	Burmese	6065NA/9575SN/11750SN	
0000-0030	English	17615NA	
0000-0100	English	5970AS	
0000-0200	English	9605AS/11955NA	
0000-0300	English	15285NA/15360SN	
0030-0100	Bengali	6065AS/9575NA/11750SN	
0030-0100	Dari	5875R/7165C	
0100-0130	Hindi	6065AS/7370T/9510NA/ 11740SN/15510NA	
0100-0130	Pashto	5875R/7165C/15345NA	
0100-0300	English	7320C/11750SN/15310SN	
0130-0200	Dari	5875R/7165C/15345NA	
0130-0200	Urdu	6065AS/9510NA/ 11740SN/15510NA	
0200-0230	Pashto	5875R/7165C/15345NA	
0200-0300	English	6030SY/11955AS/6195C	
0200-0400	English	6195C	
0200-0600	English	17760NA	
0230-0300	Dari	5875R/7115C/9510C	
0230-0300	Farsi	5985R	
0230-0300	Hindi	11760NA/15405NA/ 15510IR/17615NA	
0230-0330	Farsi	6165S/7165AS	
0300-0330	English	11760AS	
0300-0330	Pashto	5875R/7115C/9510C	
0300-0330	Russian	5965R/6130C/7265R	
0300-0330	Swahili	7235R/9610ME/11865SY	
0300-0400	Arabic	5940S	
0300-0400	English	6005ME/6145A/7130C/ 9410C/9750SY/11760AS	
0300-0400	Farsi	5985R	
0300-0400	Spanish	6110F/7325R/7325S	
0300-0445	Arabic	6015W/7140C/7140S	
0300-0500	English	15360NA	
0300-0600	English	3255ME/6190ME/7160A/ 15310AS	
0300-0700	English	17790NA	
0300-1030	English	21660NA	
0330-0400	English	6195C/11760AS	
0330-0430	Farsi	6165AR/7165C	
0330-0600	English	11665SY	
0400-0430	Farsi	5985R	
0400-0430	Somali	6155R/7130C	
0400-0430	Swahili	7195A/11730SY/15400ME	
0400-0445	Arabic	6110W	
0400-0500	English	6195W/7120ME/12095C	
0400-0500	Russian	5875R/5955C/7245C	
0400-0500	Ukrainian	5975S/6150C/7295R	
0400-0600	Arabic	6110S/7325R/11820AS	
0400-0600	English	11760C/15575AS	
0400-0706	English	6005A	
0430-0500	French	6155A/7105A/17885SY	
0430-0530	Portuguese	3390ME/6145ME/7205ME	
0445-0600	Arabic	6110W/9915C/13660AR	

0445-1500	Arabic	7140C	0800-2100	English	17830A
0500-0501	Arabic	5965S/7150MO	0830-0900	Dari	15420AS/17870C
0500-0530	English	15420SY	0900-0930	Pashto	15420AS/17870R
0500-0530	Turkish	6010S/7130R	0900-1000	English	12095R
0500-0600	English	6195S/9410C/440SA/ 12095AR/12095C/ 15420SY/17640C	0900-1000	Turkish	9410C/15170R
0500-0600	Russian	5955S/6020R/7245W	0900-1030	English	5975Y/6195NA
0500-0600	Russian	11845NO	0900-1100	English	6195SN/6195NA
0500-0600	Ukrainian	5875R/6035R/7260R	0900-1300	Arabic	13660AR/15555AR
0500-0700	English	6195S/6195W/9410C/ 11765ME	0900-1400	English	15575C
0500-0800	English	11695SN/11955NA/ 15360SN	0900-1430	English	9470KV
0501-0530	Arabic	5965S/7150MO	0900-1500	English	15485S
0530-0600	Hausa	6135A/7105A/9610A	0900-1600	Arabic	15180R
0530-0600	Krwanada/ Kruni	15420SY/17885ME	0900-1700	Arabic	15555C
0600-0615	Romanian	5875R	0930-1000	Burmese	9705SN/12045SN/ 15545SN
0600-0630	Arabic	11820GRI	0930-1030	Dari	12030D/13740C/15420AS/ 17870R
0600-0630	French	6055A/6180R/7105A/ 7180R	0930-1130	Farsi	12030D/21515R
0600-0700	Arabic	6110S/7325R/15180SA	1000-1015	Albanian	11695C/15465S/17745R
0600-0700	English	6195S/7160S/9410C/ 9440W/12095AR/12095C/ 17640SY	1000-1200	English	11945NA
0600-0730	Arabic	9915R	1000-1400	Arabic	12095R
0600-0730	English	15575C	1000-1400	English	17640S
0600-0800	Albanian	9775R/11775C	1030-1100	English	9605Y/11750NA/ 15285SN/15545NA
0600-0800	English	15420SY/17760SN	1030-1130	Pashto	15420AS/17870R
0600-0900	Arabic	15180C	1100-1130	English	5875F/6130MT
0600-1200	English	15310NA	1100-1130	Indonesian	7135SN/9510NA/11920SN
0600-1400	English	15575C	1100-1130	Somali	17850C/21595C
0600-1600	English	6190ME/11940ME	1100-1200	English	5875F/6130MT
0615-0630	Romanian	5875R	1100-1200	Mandarin	7330V
0630-0700	Albanian	9775R/11775C	1100-1300	Mandarin	11750NA/15545NA
0630-0700	Arabic	13660AR	1100-1530	Mandarin	9605Y/15285SN
0630-0700	English	11795A	1100-1700	English	6195SN
0630-0800	Arabic	11820GRI	1100-2100	English	17830A
0700-0730	French	15105A/17695ME	1130-1145	English	7135SN/11920NA
0700-0800	Arabic	15180W	1130-1200	English	5875F/6130MT
0700-0800	English	5875KV/6195S/9410C/ 11765A/11795R/12095R	1200-1230	English	9660F/9750MT
0700-0900	Arabic	13660R	1200-1230	French	15425R/17780A/21630A
0700-1000	Arabic	11680R	1200-1230	Romanian	11680C
0700-1130	English	15400A	1200-1300	English	5975NA/9660F/9750MT
0700-1200	English	17790AS	1200-1330	Mandarin	7330V
0700-1300	English	11760AS	1200-1400	English	17790NA
0700-1500	English	7320W	1200-1500	English	11895SN/15310AS
0730-0900	Arabic	9915R	1230-1300	English	9660F/9750MT
0800-0900	Arabic	15180SA	1300-1330	Indonesian	6110AS/6110NA/7135SN/ 9540SN/11835SN
0800-0900	English	5875KV/12095R	1300-1330	Uzbek	9520C/11730MS/13755NA
0800-1000	English	17760SN/17830A	1300-1400	English	5975NA/11760ST/ 15420SY
0800-1030	English	15285NA	1300-1500	Arabic	6030AR/11820SM/ 15555AR
0800-1100	English	6195SN/6195NA	1300-1530	Mandarin	6090K/7105NA
0800-1300	Arabic	11820GRI	1300-1630	Arabic	6030C
0800-1300	English	21470SY	1300-1700	English	21470A
0800-1400	English	17885SY	1330-1400	Bengali	7225NA/7430DB/9435AR/ 11835SN/12090AR
0800-1600	English	9740SN	1330-1430	Mandarin	7330V
			1330-1445	Albanian	9685C/15500S
			1345-1415	Hausa	15105A/17810A/21490A

1345-1430	Burmese	7135SN/9540SN/11685C/ 11685C	1630-1700	Krwanda/ Krundi	11860SY/17885ME
1400-1430	Bengali	9435AR/12090AR	1630-1700	Pashto	11790NA
1400-1500	Dari	6195S/9845R/13755NA	1630-1700	Russian	7225MS
1400-1500	English	5975NA/11760C/17885C/ 17885C	1630-1700	Sinhala	7170NA/9615SN
1400-1500	Hindi	6140AS/7205NA/7430DB/ 11955SN/15245AS	1630-2100	Arabic	6030AS
1400-1500	Somali	11860SY/15420SY/17850C	1633-1700	Russian	7225MS
1400-1600	Arabic	11680S	1700-1701	Arabic	9760C/17595A
1400-1600	English	9410C/11920NA/12095R	1700-1730	Hindi	6170AS/7205SN/9605NA/ 9795SN
1415-1445	Albanian	9685C/15500S	1700-1733	Russian	5920C/5990R/7115W/ 7325C
1430-1445	Burmese	9615SN/11685C/15195W	1700-1746	English	6005SY/9630SY
1430-1500	Swahili	11810ME	1700-1800	Arabic	6110S
1430-1500	Vietnamese	6135SN/7135SN/11740SN	1700-1800	English	6195R/21470A
1430-1530	Mandarin	7330V	1700-1800	Russian	7115W
1430-1900	English	7465KV	1700-1805	Russian	5920C/5990R/7325C
1500-1530	English	11860SY/15420SY/ 17885ME	1700-1830	English	11955NA
1500-1530	Nepali	7430DB/9595SN/11685AS	1700-1900	English	12095ME
1500-1530	Tajik	7270C/11930R	1700-2000	English	6195W
1500-1545	Urdu	7205NA	1700-2100	Arabic	7510DB/9400AR/9915C
1500-1600	English	5975NA/6040SN/9410C/ 9815AS	1701-1706	Arabic	9760C/17595A
1500-1600	Pashto	6195S/9915R/11790NA	1705-1730	Arabic	5920C/5990R/7115W/ 7325C/9760C
1500-1600	Swahili	11810ME	1706-1730	Arabic	17595A
1500-1600	Urdu	6175AS/9510C/11955SN	1730-1800	Russian	5920C/5990R/7115W/ 7325C
1500-1630	Arabic	6030C	1730-1800	Ukrainian	6020C/6055S/7195R/ 7195S
1500-1700	Arabic	7495DB/15555C	1730-1800	Urdu	6170AS/7205SN/9605NA/ 9795SN
1500-1700	English	11820S/15105C	1733-1800	Russian	5920C/5990R/7115W/ 7325C
1500-1705	Russian	5920C/5990R/7115W/ 7325C	1746-1800	Swahili	6005SY/7230ME/9630SY
1500-1800	English	5875R	1800-1805	Russian	5920C/5990R/7105W/ 7325C
1500-2100	Arabic	7140C	1800-1815	Romanian	7105R
1500-2300	English	15400A	1800-1830	Albanian	6050S/7130R/9440S
1530-1630	Swahili	11860SY/15420SY/ 17885ME	1800-1830	Azeri	6180SN/9565NA/9800S
1545-1615	Tamil	6140AS/7205NA/9540SN	1800-1830	English	9740NA
1600-1615	Dari	9810SN/11790NA	1800-1830	French	7230ME/9610R/15105A/ 17885A/21630A
1600-1630	Romanian	9615R	1800-1830	Somali	6005SY/9630SY/9695W
1600-1630	Uzbek	7225MS/9635NA/9685SN/ 9915S	1800-1900	Arabic	6110S/6110W
1600-1700	Arabic	6110S	1800-1900	English	5875C/5970R/6195R/ 21470A
1600-1700	English	11920NA/12095R	1800-2000	English	5875C/5955AS/6195W/ 9410R
1600-1700	Farsi	6195S	1800-2000	Farsi	5945C/9510S
1600-1700	Turkish	6050C/7160R/9575R	1805-1830	Russian	5920C/5990R/7105W/ 7325C
1600-1746	Swahili	11810R	1830-1833	Russian	5920C/5990R/7105W/ 7325C
1600-1800	Arabic	6110W	1830-1900	Russian	5920C/7325C
1600-1800	English	3915SN/5975NA/9410C/ 9740SN/11665R	1830-2000	English	11955NA
1600-1800	Farsi	7180C/9510S	1830-2100	English	6005SY/9630SY
1600-2000	Farsi	6090C	1830-2100	Russian	5990R/7105W
1600-2200	English	3255ME/6190ME	1833-1900	Russian	5920C/5990R/7105W/ 7325C
1615-1630	Pashto	11790NA	1900-1930	Romanian	6050R
1615-1700	English	11860SY/15420SY/ 17885ME	1900-1933	Russian	5990R/7105W/7325C
1615-1700	Pashto	9810SN			
1630-1633	Russian	7225MS			
1630-1700	Bengali	6135SN/7205SN/9605NA			
1630-1700	English	15420SY			

1900-2000	Arabic	6110S	Sites:
1900-2000	English	5875C/6195R	AS A'Seela
1900-2000	Ukrainian	5990S/7105R/7325C	AR Armavir
1900-2100	Arabic	6110W	A Ascension
1900-2100	English	12095A	C Cyprus
1900-2100	Russian	7325C	D Dhabbaya
1930-2000	Hausa	11680A/15105A/17885A	DB Duchanbe
1933-2000	Russian	5990R/7105W/7325C	F Furman
2000-2100	Arabic	6110S	G Greenville
2000-2200	English	5875C/6195R	GRIGrigoriopol
2030-2100	Portuguese	3390ME/6135ME/ 7260ME/9565S/9765S/ 11855A	IR Irkutsk
2100-2130	English	9660F/11675G	K Kimjae
2100-2200	English	3915SN/6005SY/6125Y/ 6195NA	KV Kvitsoy
2100-2300	English	9650R/9660F	ME Meyerton
2100-2400	English	5965NA	MT Montsinery
2130-2200	English	11675G	MO Moosbrunn
2130-2300	English	9660F	MS Moscow
2200-0100	English	9740SN	NA Nakhon Sawan
2200-0200	English	6195SN	NO Novosibirsk
2200-2300	English	5955SN/5975MT/7105AS	R Rampisham
2200-2300	Indonesian	3915SN/6010NA/6080SN/ 7235SN	SA Samara
2200-2300	Mandarin	6095NA/7160NA/11945Y	SY Seychelles
2200-2330	Mandarin	6020AS/6170K/9580NA	SM Simferopol
2215-2245	Greek	6180C/7210C/9760C	SN Singapore
2300-0030	English	3915SN/11945Y	S Skelton
2300-2330	Vietnamese	6100SN/7105SN/7280SN	ST St Petersburg
2300-2400	English	5985NA/11955NA/6170K	T Tashkent
			V Vladivostok
			W Woofferton
			Y Yamata

(via Dan Ferguson)

WELCOME TO THE FOLLOWING NEW MEMBERS

LONNIE SIMMONS, Fords, NJ
SHAWN JERLIN, Tampa, FL
WILLIAM J. PARRIS, Severna Park, MD
DAVID STELL, Oklahoma City, OK
DOUGLAS A. GRIFFITHS, Gravette, AR
JIM BUSSMAN, Long Valley, NJ
CHADD DAVIS, Gettysburg, OH
SWEENEY FARMS, Fultonham, NY
BRADLEY MARTIN, Portsmouth, OH
SCOTT D. BUSSARD, Springfield, MO
KEN KREIS, Mason City, IA
GILBERT CHESNEY, Plains, PA
DONALD G. EGGENSBERGER, Grand Junction, CO

Pirate Radio Report

Chris Lobdell • P.O. Box 146 • Stoneham, MA 02180-0146 • clobdell@comcast.net

Hello and welcome to the December 2006 edition of the *Pirate Radio Report*. Just where does the time go? Before I forget, I'd like to wish everyone a Happy Hanukkah and Merry Christmas as well as a Happy New Year. Thanks to the *Flashsheet* loggings, we have lots of info to report on!

Many thanks to the following fine folks who sent in their reports: Berg-MA, D'Angelo-PA, Dexter-WI, Schiefelbein-MO, Zeller-OH.

Cherokee Asylum Radio aka "*My Friend Is Radio, Radio Is My Friend*" noted on 6925 AM mode at 2327 UTC on Halloween. "Radio is my friend, my friend is radio". Rock/pop tunes and odd yet amusing poems from a patient at "the Cherokee Asylum in Cherokee, Iowa". Very good, though suddenly faded hard right before apparent 2356 signoff. [Schiefelbein-MO]

MAC [formerly MAC Shortwave] noted on 3200.7 kHz from 0132-0137 UTC, on October 29th. End of Halloween program with a woman constantly repeating station e-mail address (macshortwave@yahoo.com) prior to a man laughing and carrier termination. [D'Angelo-PA] Also heard by Bill Taylor with the Halloween show, ID, 0130 s/on of Dr. Who's Halloween show. [Taylor-WI]

Radio Borderhunter, whose name indicates they are located right on the border between Belgium and Holland, logged at 2148 UTC on October 16th. Announcements all in English. A test, 2151 quick ID; off 2152-2154, back on, quite noisy; off again 2231-2233 to switch antennas, then with a much improved signal, building to 2300 when it started sinking a bit, though still at a respectable level at 2315 tune-out. Many IDs, e-mail as borderhuntermradio@hotmail.com a Elvis, Fats Domino, etc. Postal address given as P.O. Box 2702, 6049-ZG Herten, Netherlands. [Berg-MA]

Radio Cupido, a Dutch Pirate was heard on 15070.1 kHz from 1439-1512 on November 18th. Very weak signal from the

Netherlands, but clearly there with a het and some audio that was mainly punk rock. Clear ID at 1450 at a peak, when it appeared that the op erroneously said that he was on 90m. But, an e-mail from the stn later said that he had been trying to say 19m, not 90m, and maybe that the weak signal garbled the audio content. Uses cupidradio@hotmail.com, and the address is good per a reply from the station. The op likes to collect photos of the cities where listeners have heard the station. [Zeller-OH]

Take It Easy Radio-TIE, noted on 6925 USB from 2148 to 0252 UTC on October 27-28th. This guy [The Desperado] dominated the frequency from 2148 tune on 10/27 on through the evening as I kept checking on the E1 through commercial breaks in WS game. 2154 with lots of talk and IDs in good ol' boy fashion. 2246 going on about the Winterfest, later on the need to vote, 2341 airing "The Adventures of Harry Nile"—apparently an OTR drama. (I have never heard of this one and didn't recognize the main character's voice), 0030 (now UTC 10/28) with rock and history of pop/top 40 and radio, 0047 something called "The Don Buster Show"? "on KRFS," 0130 talking to some other "dude" and offering to go off if the other guy wanted to do a show (he declined), 0157 still going, 0243 with rock, though slightly weaker, 0252 two guys with same type of chatter. After that, dudes, I quit checking. [Dexter-WI]

Take It Easy Radio easily the most active station with numerous other logs reported as well!

Touchtone Radio, noted on 6925 USB, at 2354 UTC on October 28th Electronic music with sound effects, a quick high-pitched ID repeated several times. Fair. Received an email from touchtoneradio@yahoo.com on 10/29 confirming reception and noting that this was a test transmission running at 40 watts. [Schiefelbein-MO]

Out of room. Happy Pirate DX!



QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

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COMPLIMENTS

OF THE

SOUTH AFRICAN BROADCASTING CORPORATION

OUR STATION: PARADYS NEAR BLOEMFONTEIN 20 K.W.

RADIO SOUTH AFRICA

HEARD BY YOU ON 19.9 METRES 15,000 M.C.
AT 2000 G.M.T. ON 2nd March, 1962

FOR CHIEF ENGINEER
M.W. ARNSTEIN

Years of Broadcasting" cd. in 6 wks. (Barto-CT). Petropavlovsk (?) "VOA Bethany" cd. w/o site in 5 wks. Also rcvd. VOA schedule and station sticker. (Barto-CT).

AUSTRALIA: VL8A 4835 via Alice Springs f/d ltr. w/ beautiful stickers in 2 mos. v/s Kathryn Ainsworth, Administration Officer. (Barto-CT). VL8T 2310 and 4910 same as above. (Barto-CT).

BONAIRE: Deutsche Welle 9830 f/d cd. in 5 wks. (Barto-CT). 15445 f/d cd. in 6 wks. (Barto).

BULGARIA: Radio Varna 7400 p/d cd. in 70 ds. after a f/up rpt. v/s Violetta Toncheva,

STATION NOTES: Federal Radio Corporation of Nigeria 7275 via Abuja v/s Ben Obeta, Executive Director. Addr: FRCN Abuja National Station, Broadcasting House, P.O. Box 377, Gwagwalada / P.M.B. 71, GARK ONE, Abuja, Nigeria. Voice of Nigeria 15120 Addr: Broadcasting House, P.M.B. 40003, Falomo, Ikoyi, Lagos, Nigeria. Wantok Radio Light 7120 Addr: P.O. Box 1273, Port Moresby, Papua New Guinea v/s Sarah Good, Secretary. Radio Cultural Amauta 4955 Addr: Jiron Cahuide 278 or Casilla Postal 24, Huanta, Peru...via PLAY DX.

Journalist. (Paszkievicz-WI). 9300 cd. in 4 mos. Addr: 22 Primorski

ABU DHABI: Radio Free Asia 15435 via Dhabbaya cd. in 2½ mos. (Barto-CT).

ALBANIA: China Radio International 5960 and 7285 f/d "Slow Loris Endangered Species" cd. in 1 mo. (Barto-CT).

ASCENSION ISLAND: United Nations Radio 17810 via English Bay f/d form ltr., blank UN post-cards and schedule in 15 ds. (Schiefelbein-MO).

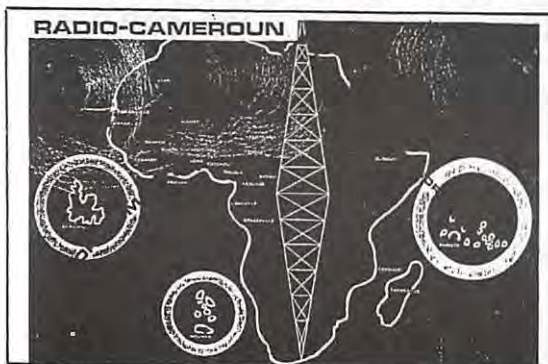
ASIATIC RUSSIA: Radio Free Asia 7185 via Irkutsk p/d "Nine



Blvd., 9000 Varna. Also Email: violetta toncheva @abv.bg She initialed my prepared cd. and mentioned her books about Radio Varna on the QSL cd. (Renfrew-NY).

CANADA: Radio Canada International 9490 and 13655 via Sackville f/d "Maple Leaf Mailbag" cd. in 1 mo. v/s Bill Westenhaver (Barto-CT). China Radio International 6040 and 11970 via Sackville f/d "Black Snub Nosed Monkey" cd. in 5 wks. (Barto)

RADIO-CAMEROUN



DX-TOPICS

Amalienweg 8, 85551 Kirchheim

An: *Scott R. Barkur HCJB*

Hiermit wird bestätigt, daß Sie den Beitrag

DX-Topics über Radio HCJB am *25.03.2004*

um *10:15* UTC auf *6010* kHz gehört haben.

Vielen Dank und gut DX!

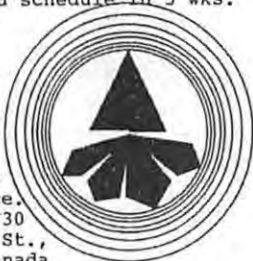
KR *KVH*
Korsten Reibold Dieter K. Reibold



11885 and 15230 f/d cd. in 5 wks. w/ schedule. (Barto-CT).

CHINA, PEOPLES REPUBLIC
OF: China Radio International 6180 via Shanxi f/d "Black Snub Nosed Monkey" cd. w/ several paper cuts in 2 mos. (Barto). 6950 via Hebei same cd. w/ paper cuts in 2 mos. (Barto-CT). 9490 via Urungui "Monkey" cd. in 5 wks. (Barto-CT). 13790 f/d "Stump Tailed Macaque Endangered Species" cd. in 7 wks. (Barto-CT). 9770 f/d "Ibex Endangered Species" cd. in 5 wks. (Barto-CT). 9600 and 7295 f/d "Snow Leopard Endangered Species" cd. in 5 wks. (Barto-CT). 13580 and 9590 via Kunming f/d "Logo" cd. w/ paper cuts and schedule in 5 wks. (Barto-CT). 9440 and 11875 f/d "Monkey" cd. in 6 wks. (Barto-CT). 11990 f/d "Logo" cd. in 5 wks.

STATION NOTES: Armed Forces Network 6474 via Boca Chica, FL v/s D.A. Stoops, Chief Engineer. Addr: P.O. Box 381, Bolinas, CA 94924-0381. Bible Voice Broadcasting 17510 Addr: High Adventure, P.O. Box 425, Station "E", Toronto, Ont. M6H 4E3 Canada. email: mail@biblevoice.org. Hour of Time 7415 / 9330 via WBCQ Addr: 2446 Bank St., Ottawa, ONT. K1V 1A8, Canada. ...via PLAY DX...Sam.



Pagio Kuib



w/ schedule. (Barto-CT). 9440 f/d "Monkey" cd. in 7 wks. (Barto-CT). 11600 via Xi'an f/d "Logo" cd. in 6 wks. (Barto-CT). 7190 f/d "Ibex" cd. in 5 wks. (Barto-CT). 11975 via Beijing f/d "Monkey" cd. in 7 wks. (Barto-CT). 7130, 9585 and 7180 f/d "Black Snub Nosed Monkey" cd. in 5 wks. (Barto-CT). 7215 f/d "Ibex" cd. in 2 mos. (Barto-CT). 9535 f/d "Ibex" cd. in 5 wks. (Barto-CT). China National Radio-6 9170 and 6165 via Beijing f/d cd. in 2 mos. (Barto-CT). China National Radio-5 Taiwan Service 9410 via Kashi f/d cd. in 6 wks. (Barto-CT). 7620

and 5925 via Beijing f/d cd. in 6 wks. (Barto-CT).
CLANDESTINE: Shiokaze (Radio Sea Breeze) 9485 f/d "Rescue! Abductees by * North Korea" cd. in 12 ds. for an Email rpt to: chosakai@circus.ocn.ne.jp (Schiefelbein-MO). Shortwave Radio Africa (Zimbabwe's Independent Voice) 15145 QSL in 3 1/2 hours after a Email rpt. to www.swradioafrica.com v/s Keith Farquharson, Technical Manager. Addr: P.O. Box 243, Borehamwood, Herts, WD6 4WA, UK. (Howard-CA).



VOICE OF THE MEDITERRANEAN
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Tel. (+39) 0436 24060, 24047, 220000
F AX: (+39) 241801
E-Mail: vom@votm.com-italia.org
Website: www.votm.org

Dear Listener,
Thank you for your reception report of our transmission
on *03.04.02*
at *1909-1930 UTC*
frequency *12060* MHz
We are very glad to verify herewith your report.

Scott R. Barkur Jr.
P.O. Box 893
Shenise
n.H. 03845
U.S.A.

CYPRUS: Cyprus Broadcasting Corporation 9760 f/d cd. in 29 ds. (Schiefelbein-MO).



Rádio Caiari - Porto Velho - Rondônia - Brasil



Prezado Senhor, Richard A. D'Angelo

Agradecemos o seu relato de recepção. Confirmamos a exatidão dos seus detalhes de nossa emissão no dia 23 de fevereiro de 1996, das 22:56 às 23:25 horas de Porto Velho, na frequência de 4785 KHz com 10 KW de potência.

SOC. DE CULTURA RÁDIO CAIARI LTDA
Angela Lima

Sociedade de Cultura Rádio Caiari Ltda.

following: raphaelk@iba.org.il (Schiefelbein-MO).

IRAN: Voice of the Islamic Republic of Iran 9570 via **Sirjan** f/d cd. in 4 mos. (Barto-CT). 9650 cd. in 6 mos. (Barto-CT) 11875 cd. in 4 mos. (Barto-CT). 11930 cd. in 6 mos. (Barto-CT). 9565 cd. in 6 1/2 mos. (Barto-CT). 9790 and 6175 cd. in 4 mos. (Barto-CT). 9495 via

Kamalabad cd. in 6 mos. (Barto-CT). 7300 cd. in 5 mos. (Barto-CT). 6180 and 9755 cd. in 4 mos. (Barto-CT). 11730 via **Teheran** cd. in 4 mos. (Barto-CT). 9925 cd. in 6 mos. (Barto-CT). 9925, 9800 and 7540 f/d cd. in 4 mos. (Barto-CT). 9545 cd. in 4 mos. (Barto-CT). 11730 f/d "Pol-e Kharju Bridge" cd. in 4 mos. w/ 2 magazines about Islam in EG (Barto-CT).

JAPAN: Radio Nikkei 6055 f/d "Thank you for your report" cd. in 25 ds. for an EG rpt. and a CD. (Schiefelbein-MO).

KAZAKH: WYFR 12160 via **Alma Ata** f/d cd. in 5 wks. (Barto-CT).

KOREA, PEOPLES DEMOCRATIC REPUBLIC: Voice of Korea 11710 f/d cd. w/ pennant, pin, schedule and a copy of the "Pyongyang Times" in 8 wks. for a rpt. sent via Germany. The reply was postmarked 2 days before their nuclear test. (Schiefelbein-MO).

KUWAIT: Radio Free Asia 11590 cd. in 7 wks. (Barto-CT).

MALAGASY REPUBLIC: Radio Nederlands 9890 oversized f/d cd. folder in 53 ds. for a rpt. direct to the site. v/s Rahamefy Eddy. (Schiefelbein).

STATION NOTES: Trans World Radio Europe (Gavar, Armenia) v/s Beth Chick. Addr: P.O. Box 141, A-1235 Vienna, Austria. **Australian Broadcasting Corporation** 7875 via **Perth** v/s Mark Yates, Resource Manager.

Addr: ABC Western Australian Service, 30 Fielder Street, (cnr Royal), East Perth, WA, Australia. **ABC Alice Springs** 4835 v/s Mrs. Barbara Lilliebrigde, Administration Officer. Addr: ABC Northern Territory, GPO Box 9994, Darwin NT 0801, Australia. **Voice International** 13685 Addr: P.O. Box 1104, Buderim, QLD 4556, Australia....via PLAY DX..Sam.

MONGOLIA: Radio Free Asia 7470 via **Ulan Bator** cd. w/o site in 2 mos. (Barto-CT).

PALAU: Radio Free Asia 9930 cd. in 2 mos. (Barto-CT). cd. in 6 wks. (Barto-CT).

PORTUGAL: Deutsche Welle 9825 via **Sines** f/d cd. in 5 wks. w/ schedule. (Barto-CT).

SAIPAN: Radio Free Asia 13720 cd. in 2 1/2 mos. (Barto-CT).

SOUTH AFRICA: WYFR 6045 via **Meyerton** f/d cd. w/ schedule and stickers in 6 wks. (Barto-CT) **Radio Okapi** 11690 via **Meyerton** f/d cd. in 5 mos. v/s Dennis Roshier, Administrator. New Addr: Foundation Hironnelle, Av. Du Temple 19C, 1012 Lausanne, Switzer-



QSL
 Date of reception: 18th Nov 2004
 Time (UTC): 26.22.00
 Frequency (MHz): 9.115
 Your report was verified as being correct by: Johns
 We would be glad to hear from you again.

RDP Internacional
 Radio Portugal
 Av. Eng. Duarte Pacheco, 24 1070-110 LISBOA, PORTUGAL
 www.rdp.pt/internacional rdpinternacional@rdp.pt

Name printed in library: Richard d'Angelo
 Mr./Mlle/Ms/Ms:
 USA

USA: KJES 11715 f/d "Sunset"
 QSL sheet w/ form ltr. and schedule in 35 ds. for \$1.00. The form ltr, notes that they use their call-and-answer format because "we have found that this technique has worked well when we take the gospel to a Mexican jail and mental hospital that we visit every week" (Schiefelbein-MO). **KVNS 1700 f/d cd. w/ ltr. in 25 ds.**(Barto-CT). **WYFR 9355 f/d cd. in 5 wks w/ sticker and schedule.** (Barto-CT). 18930 f/d cd. in 1 mo. w/

sticker and schedules. (Barto-CT).
USA (Pirates): Radio Paisano 6925 f/d "Columbus's Ships" QSL #5

STATION NOTES: Radio Huanta 2000 4747 v/s Miriam Gavilan. Addr: Jr. Cahuide No. 278, Huanta, Ayacucho, Peru. Radio La Voz del Campesino Huarmaca 6957 v/s Fermin Santos, Gerencia. Radio La Hora 4855 v/s Edmundo Montesinos Gallo, Director Gerente and Carlos Gamarra Moscoso, Director de Frecuencias. Addr: Sr. Carlos Gamarra Moscoso, Avenida Garcilaso 411, Wanchaq, Cusco, Peru. Radio La Voz de la Selva 4824 v/s Ruben Meza Santillan, Jefe de Programacion....via PLAY DX....Sam.

中国 国际 广播电台
CHINA RADIO INTERNATIONAL



in 12 ds. for an Email rpt. Addr: radiopaisano@gmail.com (Schiefelbein-MO). The Crystal Ship 6875 f/d cd. w/ station pennant, wanted poster & a reprint of an interview w/ station operator in 56 ds. Addr: tcsshortwave@yahoo.com (Schiefelbein-MO). Altered States 6925 f/d sheet w/ personal note to the Merlin dropsite.(Schiefelbein-MO). Northwoods Radio 6950 f/d ltr. w/ CD in 30 ds. for an Email rpt. Addr: northwoodsradio@yahoo.com (Wood-TN). 6925 f/d QSL #39 w/ CD in 1 mo. for an Email rpt. (Schiefelbein-MO)

Pe
 Pretty good Column this time. Until next month, best of QSLing...Sam.

Sam

YOU HEARD WMPRI
 NAME: Scott Barlow
 DATE: October 18 2003
 TIME: 6025
 FREQ: 6925 44

New Master DX Centurion

George Maroti of Mount Kisco, NY has achieved NASWA's highest Country Award. The following is his story: "I started listening to shortwave broadcasts in 1974 on my father's Nordmende Globetraveller IV radio. It wasn't until 2 years later that a high school friend informed me that my hobby had a name—DXing. He showed me some *Popular Electronics* magazines with photos of QSL cards and pennants, and I was hooked.

My first QSL was from Radio Nederland for a relay via Madagascar. I diligently DXed almost every day, sending off reception reports to any new stations that I heard. Adding to the excitement of hearing a new station was all the mail I was receiving from exotic countries. By 1980 I had verified about 50 countries, but due to job and family commitments, DXing was placed on hold.

In 1996 my interest in DXing was renewed, and thru the Internet I gained valuable knowledge about equipment, antennas, propagation, and DX tips. I joined NASWA, and marveled at some of the country totals in the Scoreboard column. A quick count of the countries on shortwave at the time revealed that it was still mathematically possible to reach 200 countries heard and verified, especially since I already had 50 "in the bag".

My goal was to try to hear at least two new countries each week, and mail them reception reports. I created 24 index cards, corresponding to one hour timeslots, with the names of my target stations in each time period. In this way, no matter what time I tuned in, I had target stations to tune to. By the end of 1997, I had heard an additional 100 countries, to raise my totals to 150 HIC and 130 VIC.

For those who have reached 100 countries, and later 150, the law of diminishing returns goes into effect, with each successive country and QSL that much harder to obtain. Compounding the difficulty in reaching 200 countries heard and verified was that more and more countries were abandoning shortwave.

Luckily, it wasn't all bad news in my quest to reach 200. Some new countries were added to the NASWA Countries list (Anguilla, Diego Garcia, and Puerto Rico) and fortunately some also returned to shortwave (Bahrain, Canary Islands, Djibouti, El Salvador, Northern Cyprus). If it wasn't for those, I'd still be stuck somewhere around 190.

My most memorable reception and QSL had to be the one from the Bhutan Broadcasting Service. I had never thought it possible to hear them, as at the time they were always blocked by China on 5030 kHz. Even after hearing them, I was disappointed to learn that it was next to impossible to QSL them direct, and it hadn't been done in many years. In addition to the standard postal report and tape recording of my reception, I FAXed them a report. It turned out that somehow the FAX transmission wasn't clear, and the station actually called me in the middle of the night to tell me so! I mentioned the postal report, and re-sent the FAX, and to my surprise I received a full data QSL card printed on very unusual paper a few months later.

It was during my pursuit of these elusive QSLs that I personally experienced NASWA's "Unity and Friendship", with guidance from several members on topics such as reception report techniques, follow-ups, and verification signers. I just want to say thank you to all who have helped me over the past 10 years in reaching this milestone." Let's congratulate George on a job well done.

New Senior DX Centurion with 190 Endorsement

Craig Edwards of Nhulunbuy, NT Australia has qualified for 17 NASWA Awards. He has achieved NASWA's second highest Country Award. His earliest QSL is from Radio Australia at Shepparton on 5995 kHz dated March 31, 1986. Craig has been involved in our hobby for over 20 years.

Continental Awards:

African Continental DXer
Antarctica DXer
Asian Continental DXpert
Master European DXer
North American DXer
Master Pacifica DXer
South American Continental DXer

Individual Country Awards:

All American DXer
Australian DXer
All Germany DXer

Regional Awards:

Arab World DXer
Master British Commonwealth DXer
Master Indonesian DXer
Senior Papua New Guinea DXer
Master Soviet Sphere DXer

Station Awards:

All Voice of America DXer

Other Award Recipients

Massimo Ucelli of Sartirana-PV, Italy

European Senior DXer
All Continent QRP DXer—50 kW
Ecclesiastic DXer

Chuck Dobbins of Alpine, TX

European Senior DXer
DXer de Pacifica
All Voice of America DXer

William Brown of Independence, MO

DX Centurion
Asian Continental DXer
European Senior DXer
DXer de Pacifica
All American DXer

Jim Evans of Germantown, TN

Asian Continental DXpert

Let's keep up the good work. These coveted awards will brighten up the walls of your radio shack. Please apply at your earliest convenience. If you have any questions about the awards program please feel free to contact me.

Until next time. 73.



Contributors' Page

Bob Montgomery • P.O. Box 1458 • Levittown, PA 19058 • rmonty23@verizon.net

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA	NRD-545 AOR AR-7030 100' LW
Scott BARBOUR, Intervale, NH	R-75, MLB-1, 200' Beverage
Jerry BERG, Lexington, MA	R8 19, 41, 90 meter dipoles
Rich D'ANGELO, Wyomissing, PA	TenTec R340, Lowe HF-150, DX Sloper
John DAVIS, Johnstown, OH	R390A, HP1000, 42' homemade Windom
Gerry DEXTER, Lake Geneva, WI	NRD-515, NRD-545, etón E1
Jim EVANS, Germantown, TN	RX340, 30 m wire, R8B LFE-H800 EF-SWL
Bob FRASER, Belfast, ME	Sony ICF-2003 ICF-sw100S 2m LW
Glenn HAUSER, Enid, OK	no equipment listed
John HERKIMER, Caledonia, NY	NRD535 (Kiwa), etón E1-XM, 100' longwire
Ron HOWARD, Monterey, CA	NRD545, LW 160', etón E5
Brant HUNT, Aiken, SC	Drake R-8 with par antenna
Jerry IRVINE, Hidalgo, TX	no equipment listed
Victor JAAR, Longueuil, QUE	Galaxy R530, 30 m wire
Fred KOHLBRENNER, French Creek, PA	Drake R8, NRD-525, Datong LW
Steve LARE, Holland, MI	Drake R7, R8, R8A & R8B, 70' & 200' wires
William McGUIRE, Cheverly, MD	DX-380
Frank MEZEK, Sun City, AZ	Icom R71A, 55' random wire
Kevin MIKELL, Park Ridge, IL	etón E1-XM
Bill MORRISSEY, Charlton, MA	R75, etón E1-XM, 200' and 65' wire
Dale PARK, Honolulu, HI	Sangean ATS-818CS
Sheryl PASZKIEWICZ, Manitowoc, WI	ICOM R-8500, NRD345, AOR LA-350 loop
Jim RONDA, Tulsa, OK	NRD-545, R75, etón E1, Eavesdropper
Mark SCHIEFELBEIN, Springfield, MO	Kenwood R-5000, Sony 2010, 70' long wire
Clem SHEMANSKI, Wilmington, NC	Sat 700
Mark TAYLOR, Madison, WI	R-75, Sat 800, EWE, Eavesdropper
John TAYLOR, St. Louis, MO	Kaito KA 1103, 30' long wire
Joe WOOD, Gray, TN	DX-390, Grundig Mini 100 PE, whip antenna

WWW Shortwave Listening Guide

Looking for programs to listen to? You can find what programs are on for the current hour or list programs of a desired type on a given day at the **WWW Shortwave Listening Guide** on NASweb. Visit the Guide on the new NASWA web site at <http://www.naswa.net/swlguide/>.



NASweb

Visit our newly redesigned and refreshed club home page on the World Wide Web at <http://www.naswa.net/>

Tropical Band Loggings

Dan Ferguson • 4205 Friendfield Trace • Little River, SC 29566 • troplogs@zerobeat.org

- 2310 AUSTRALIA VL8A Alice Springs 1104-1119 pop music pgm, M anc, ABC IDs; fair 11/14 but deteriorating. //2325 VL8T Tennant Creek and 2485 VL8K Katherine. The latter two were poor. (D'Angelo/FCDX-PA)
- 2325 AUSTRALIA VL8T Tennant Creek 1241-1250 M in EE; fair; VL8A 2310 poor; VL8K 2485 poor. 10/30. (Brown-MO) 1250-1300 in EE, Country mx pgm w/interview with performers and music, several R. National ID's, ID and ABC news at ToH. Fair 11/18. // 2310 VL8A fair & 2485 VL8K poor. (Taylor-WI)
- 2485 AUSTRALIA VL8K Katherine 0857 M in EE w/Aussia pop mx; fair 10/7. (Brown-MO)
- 2850 N.KOREA KCBS 1218-1235 mx pgm w/M in KK; good steady signal by 1234; 10/30. (Brown-MO)
- 3200.7 PIRATE (No. Am.) MAC Shortwave 0132-0137 end of Halloween program with a woman constantly repeating station e-mail address (macshortwave@yahoo.com) prior to a man laughing and carrier termination. F/G 10/29. (D'Angelo-PA)
- 3220 PNG R. Morobe 1250-1259* mx, into s/off anmt by Pidgin M, NA; 10/31. (Brown-MO)
- 3235 BRAZIL R. Guarujá 2303-2315 PP ID by M, PP talks, BRZ pop vocals; poor 11/12 and not //5045. (D'Angelo/FCDX-PA)
- 3240 SWAZILAND TWR 0306-0334 M preaching in listed Shona language with choir vocals. ID and mailing address at 0327. Another ID at 0330 during language change to Nda. Fair 10/21. (D'Angelo-PA)
- 3240 SWAZILAND TWR 0340 in Nda [listed] preaching by man. In the same time period R. Luz y Vida (3249), LV Napo (3279), and BBC-Meyerton (3255) were at fair-good levels, making this a nice 90 meter opening. Fair 11/15. (Ronda-OK)
- 3249.69 HONDURAS R. Luz Y Vida, San Luis 0351 in SS young man singing a Christian song; weak 11/09. (Hunt, SC) 0335-0355* M SS preaching; program contact information provided by another man at 0342. Program closed with a vocal selection. ID & s/off anmts 0348 followed by orchestra National Anthem. P/F 11/8. (D'Angelo-PA)
- 3279.52 ECUADOR LV del Napo Tena 0355 in SS; weak 11/09. (Hunt, SC) 3279v, 0425 M SS anc w/ listeners, call ins. Poor 11/4. (Wood, TN) 3279.7, 0844 SS hymns, sermon w/some a capella singing mixed in; far 11/13. (Schiefelbein-MO)
- 3289.90 ECUADOR R. Centro Ambato 0359 M in SS; 11/09. (Hunt, SC)
- 3291 GUYANA V. of Guyana 0216 vocal; fair 10/29. (Dexter-WI) 0324-0336 Whitney Houston mx, then M w/EE obituary notices. After the obituaries, there were several anmts for local residents to contact family members. Poor 10/28. (Wood-TN) 0414 EE, W with BBC relay about US forces in Iraq. BBC IDs and skeds. Fair 11/4. (Wood-TN) 0525 BBCWS EE, M&W w/nx abt religion in America, a news report about Morocco with the loss of religious freedom, and a short story about Cambodia; fair 11/05. (Hunt, SC) 3291.2, 0625 BBC pgm about juvenile justice in Pakistan; BBC prgm preview 0629, BBC nx 0630-0633, then "Culture Shock." Another prgm preview 0659, pips, TC. BBC ID, "The World Today." No local IDs. Nice level, with slightly fuzzy audio 10/31. (Berg-MA) 0703-0714EE local nx by M&W, into BBCWS nx; 10/9. (Brown-MO) 0459 BBC EE pgm info, BBC ID 0500, into world nx; F/G 11/9. (Ronda-OK) 0202-0235 pgm of standards with Frank Sinatra singing followed by a big band selection. Nice ID by M 0208: "This is the Voice of Guyana." This was followed by my first selection of Christmas season music. Fair 11/12. (D'Angelo-PA) 3290, 0810 after BBC nx & pgmg they faded to s/on anmt for V.of Guyana Int'l; then into devotional pgmg featuring broadcasts from various religions. Local time and ID's in between each religions segment; good 11/4. (Delmage-AL) 0354 EE, C/W vocals & DJ chatter; into BBC relay 0359 w/pgm & freq info, BBC ID & nx 0400; still good 0520 recheck exceptionally good 11/15. (Ronda-OK) 0138 in EE, cl mx, EZL/light rock tunes; 0330 obits & anmts of people due in court; goodbyes & into BBC feed 0358; a solid signal all evening long - much better from Guyana than usual. Good 11/13. (Schiefelbein-MO) 0500-0549 EE, ID at ToH; then BBC nx & xx magazine; good 11/13. (Taylor-WI)
- 3310 BOLIVIA R. Mosoj Chaski 2308-2325 rustic vocals by W, M ID & Quechua talk; then M&W w/ discussion program; several IDs 2320; fair 11/13. (D'Angelo/FCDX-PA)
- 3320 S.AFRICA R. Sondergrense 0218 in Afrikaans, 10/29. (Dexter-WI) 0340 operatic choral mx; good 11/18. (Ronda-OK)

- 3329.6 PERU *Ondas del Huallaga* 1007-1031 rustic PA mx hosted by a lively W ancr, IDs mentioning "musica nacional"; fair 11/13 & relatively clean of QRM from CHU in LSB. (D'Angelo/FCDX-PA)
- 3340 HONDURAS *HRMI, Radio Misiones Int.* 0510 M preaching in EE w/woman translating into SS; fair 11/9. (Ronda-OK)
- 3345 INDONESIA *RRI Ternate* (P) 1245-1301; M w/speech, into W chanting; no SCI or Jakarta nx at TOH; poor 10/8. (Brown-MO)
- 3365 INDIA *AIR Delhi* 1233-1240 EE nx; fair over fadey R.Milne Bay 10/8. (Brown-MO)
- 3385 PNG *R. E. New Britian* 1249-1257 language political talk; P/F 10/31. (Brown-MO)
- 3810 ECUADOR *HD2IOA* 1052-1056 time pips, M SS TC & ID each minute; good 11/14. (D'Angelo/FCDX-PA)
- 3925 JAPAN *R. Nikkei* 1254 JJ interview pgm; fair-poor 10/28. (Ronda-OK) 0802-0815 classical mx pgm; fair 10/31. (Brown-MO)
- 4052 GUATEMALA *R. Verdad* 1135 SS rlg quartet; good w/ slight het 10/6. (Brown-MO) 4052.6, 0534 EE; old man sang a Christian song and then an apparently old Billy Graham sermon; fair 11/05. (Hunt-SC) 0315-0347 M SS preaching, rel vocals, ID 0330; fair 11/19. (D'Angelo-PA)
- 4319u DIEGO GARCIA *AFRTS* 2356 EE, theme mx & wrap up of program, apparent PSA; 0000 world nx, sports news/talk. Very weak with just a few words here and there emerging above the noise, and a pesky ute station came on just after 0000 making things worse. Poor 11/3. (Schiefelbein-MO)
- 4409.8 BOLIVIA *R. Eco* 2328-2341 group vocals, M ID & anmts; fair 11/12. (D'Angelo/FCDX-PA)
- 4460 CHINA *CNR1* Beijing 1221-1234 M in CC w/mx bridges; fair 10/9. (Brown-MO)
- 4486.6 PERU *R. Frecuencia* 0012-0208 M ID, SS namts, ad string & program of nice huaynos; frequent IDs & ad strings. F/G 11/13. (D'Angelo/FCDX-PA)
- 4545.4v BOLIVIA *R. Virgen de Remedion* 2331-0015 M preacher before live audience, choir vocals, M w/brief ID 0006, returned to preaching; fair 11/12 with very slight CODAR QRM. (D'Angelo/FCDX-PA)
- 4605 INDONESIA *RRI Serui* 1240 island EZLs; good steady signal 10/8. (Brown-MO) 1425 in II, nice local pop music to s/off just past 1500 after local ID; good 11/4; fair 1445 11/5. (Delmage-AL)
- 4635 TAJIKISTAN *Tajik Radio* (very tentative) 2154-2223, first spotted by Fred Kohlbrenner, noted with some talk in unidentifiable language but the musical selection could be heard reasonably well (shrilly wailing cutting through the ether). Very poor and just about threshold and getting worse by tune out. Frequent re-checks revealed deteriorating situation. 11/13. (D'Angelo/FCDX-PA)
- 4716.76 BOLIVIA *R. Yura* 0000 W w/SS nx update, more talk mixed w/pop tunes; fair 11/13. (Schiefelbein-MO) 4716.8, 2320-2332 rustic female vocals hosted by M w/SS namts; W ID 2330; more talk by M ancr, another rustic vocal selection; F/G 11/12. (D'Angelo/FCDX-PA)
- 4750 INDONESIA *RRI Makassar* 1320-1330 western style pop mx in Bahasa; good 10/30. (Brown-MO)
- 4750 PERU *R. Vision* (P) 1304 woman speaking; into choral and solo vocals 1311; fair 10/29. (Ronda-OK)
- 4751.8 PERU *R. Huanta 2000* 2335-0015 lively vocals, M SS anmts, IDs, ads; 2345 seemed to shift into Quechua talk and later still into SS rel pgm; F/G 11/12. (D'Angelo/FCDX-PA)
- 4770 NIGERIA *R. Nigeria* Kaduna; *0430-0502; drum IS, short choral NA, short recitation or pledge by group; rel sermon & music; faded down badly 0440; recheck 0459 found drums & talk by man, possibly news. Poor 11/2. Also 0440-0500 M EE nx & mtry, mx interludes, drums, 0500 M ID; poor 11/18 and almost every night the past week. (Jim Evans, TN) 2219 M EE political statement, into chants by W; F/G 10/5. (Brown-MO) *0428-0447 OC till drums IS 0430; 0432 brief choral NA, then pledge of allegiance to Nigeria. M ancr w/opening ID & anmts in EE, brief rel service & and vocals. Fair 10/28. (D'Angelo-PA)
- 4775 BRAZIL *R. Congonhas* 2353-0027 M PP ancr w/talks, pgm of pop mx vocals; ID & fqy anmt 0020; poor 10/27. (D'Angelo-PA)
- 4775 SWAZILAND *TWR* 0416 in GG. Gospel songs; still poor 0435 recheck, 10/29. (Ronda-OK)
- 4777 GABON *RTV Gabonaise* 0540-0551 hi-life mx, M FF ancr; vy good 10/31. (Brown-MO)
- 4780 BOLIVIA *R. Tacana* 0211-0220 SS; Wedding March from Lohengrin, LA mx, M cmtry, ID by same M 0216 "R. Tacana". Short repeat of Wedding March. Noisy but not bad for .5 kW; 11/11 (Mezek-AZ)
- 4780 DJIBOUTI *R. Djibouti* 0353 local mx; weak but readable 11/1. (Morrissey-MA) 2105-2200* AA talk, recitations; Horn of Africa type mx. S/off mid-way through instrumental mx; on late for Ramadan. F-G 10/13. (Alexander-PA) 0304 in vernac; koran chanting to 0312, then into talk. Poor-fair 10/29. (Ronda-OK) 2158-2202* M AA talk, closing anmts prior to NA; poor 10/20. (D'Angelo-PA)
- 4780 GUATEMALA *R. Coatan* *1030-1042 opening w/vocal NA, then SS & local language s/on anmts 7 ID; F/G 11/7. (D'Angelo-PA)

- 4790 **INDONESIA RRI FakFak** 1256-1303 ME type mx by W, into SCI, 1301 Jakarta nx by Bahasa W; F/G 11/1. (Brown-MO)
- 4790 **PERU R. Atlantida** 0227 M in SS, lots of mx; ID 0308, 10/15 (Ervine, TX) 0328-0435 long talk by M, ID 0400, more talk, mx interlude; Andean mx 0415+; fair 11/14. (Taylor-WI)
- 4796.5 **BOLIVIA R. Mallku** 2313-2338 rustic vocal by M, W SS ancw/talk, ID, TC, discussion; P/F 11/13. (D'Angelo/FCDX-PA)
- 4799.80 **GUATEMALA R. Buenos Nuevos** San Sebastian 0409 in SS, young boys singing a Spanish song it was good to hear. Very weak 11/09. (Hunt, SC)
- 4800 **CHINA CPBS** Geermu 1040-1052 W CC talk, //4600; both P/F 11/14. (D'Angelo/FCDX-PA)
- 4810 **MEXICO XERTA** 0312 M&W SS talk, CODAR; always seems better in LSB; fair 11/7. (Dexter-WI) 1055 SS, pop ballad, choral anthem 1100, M ID, address, etc; poor & buried under CODAR 11/19. (Herkimer-NY)
- 4815 **ECUADOR R. El Buen Pastor** Saraguro (P) 0222 W & slow rel type vocal; rather good even with CODAR QRM 10/29. (Dexter-WI)
- 4824.49 **PERU LV de la Selva** Iquitos 1025-1045+ SS anmts, ads, jingles, sound affects, ID. Huaynos. Fair 10/21. (Alexander-PA) 1032-1053 SS, morning pgm of huaynos hosted by M ancw/talk, ad string and ID; P/F 11/11. (D'Angelo-PA) 0240-0250 ballads, W ID 0243; talk by M 0250, possible ad; poor 11/16. (Evans-TN)
- 4830 **INDIA AIR** Jammu (P) 1218-1236 distinctive local mx at t/in, M ancw in lang, pips at 1230, into apparent news relay in lang read by woman. News ended around 1235 but not much signal left. No ID but seems to follow familiar AIR program pattern. Codar interference. Poor 11/12. (Herkimer, NY)
- 4835 **AUSTRALIA VL8A** Alice Springs 0820 M EE sports interviews; sweeper QRM; no sign VL8T 4910; F/G 10/7. Also 1200 various mx till abrupt s/off 1207. Was not on at 1130, 10/7. (Brown-MO)
- 4835.46 **PERU R. Marañon** Jaen 1025-1050+ SS anmts, ads, ID. Huaynos. Fair 10/21. (Alexander-PA) 4835.45, 1050-1106 ads, OA vocals, M host w/IDs, TCs; good, but beginning to fade around 1100; 11/13. (D'Angelo/FCDX-PA)
- 4840 **INDIA AIR** Mumbai 1432 EE nx & sports, back to LL at 1435; fair 11/4. (Delmage-AL)
- 4845 **MAURITANIA R. Mauritania** 0130 M in AA, prayers, etc; fair 10/11. (Ervine, TX) 0140-0325+ on late for Ramadan with AA talk, phone talk. Instrumental Arabic mx. Local pop mx. Koran at 0203-0207 & 0256. Good, strong 10/8. (Alexander-PA) 0050 songs accompanied by a single-string instrument; some songs unaccompanied and almost chant-like; fair 10/29. (Ronda-OK)
- 4875 **BRAZIL Rdf. Roraima** Boa Vista 0315PP vocals & woman in PP; poor, with hum, 11/1. (Dexter-WI)
- 4885 **BRAZIL R. Clube do Para** Belem 0234, variety of mx, PP ads by M&W; ID 0300; F/G 11/3. (Ervine-TX) traditional mx px in PP; full ID w/location by M at 0537; vy good 10/29. (Brown-MO) 0510 PP, BRZ pops, long ID 0511, ments freqs & "Belem, Para, Brasil"; F/G 11/18. (Schiefelbein-MO)
- 4895 **INDIA AIR** Kurseong *1127-1138 IS till M opened in Hindi w/ID & s/on anmts 1129; time pips & nx by W 1130; Hindi mx 1134; poor 11/14. (D'Angelo/FCDX-PA)
- 4903.3 **ECUADOR R. Chaskis** (P) 1104-1112 M SS mentions Otavalo, intros highland vocals; steady signals, low audio, 11/2. (Brown-MO)
- 4905 **TIBET Xizang PBS** (Lhasa) (P) 1459. Female/male chat. Poor modulation. 4905, SIO 353 while 4920 under AIR. (Delmage-AL)
- 4910 **AUSTRALIA VL8T** Tennant Creek 0819-0828 pgm of modern Aus. mx; P/F 10/31. (Brown-MO)
- 4915 **BRAZIL R. Nacional** Macapa 0514 W singing in PP; weak 11/5. (Hunt, SC)
- 4919 **ECUADOR R. Quito** 0443, 10/31/06. Very good but had not been noted in several days so I wonder if they qualify as regular yet. (Dexter-WI) 1100 M SS ID, slightly distorted audio; good 10/6. (Brown-MO) 0338-0435 nice lively Latin mx, M SS anmts & IDs; booming signal 11/13. (D'Angelo/FCDX-PA) 0503 SS, folk-type mx, ID as "Radio Quito" at 0513, then back to the tunes; F/G 11/12. (Schiefelbein-MO) 0332 SS talk by two M; clear IDs, best in LSB; fair 11/15 in considerable noise. (Ronda-OK)
- 4920 **TIBET Xizang PBS** Lhasa 1105-1116 M&W CC talk; 1109 beautiful CC vocal; fair with some R. Quito slop 11/13; //4905 was P/F. (D'Angelo/FCDX-PA)
- 4935 **BRAZIL Radio Capxiaba** Vitoria (P) to 0242, in PP. Talk and woman in slow vocal when lost. (Dexter-WI)
- 4937 **BOLIVIA R. San Miguel** Riberalta (recently rptd here by Nick Eramo) 0910 pulsating Andean mx, long ad strings, several ments. of Bolivia; more mx and ads, finally two IDs at 1002. A poor signal, and bassy audio, but it held up pretty well 10/31. (Berg-MA) 4937.3, 1020-1032 f/out, long SS talks by M, ID; P/F 11/13 at tune in but fading fast. (D'Angelo/FCDX-PA)

- 4945 BRAZIL R. *Difusora* 2210-2235 jingle ID, ads, fast talking M ancw w/PP talk & romantic vocals program; fair 11/13. (D'Angelo/FCDX-PA)
- 4955 PERU R. *Cultural Amauta* 2337-0145+ M&W SS talk & a variety of mx selections; 0120 nice ID by W during El Condor Paso; 0130 religious talk by a man; fair 11/13. (D'Angelo/FCDX-PA)
- 4960 PNG *Catholic R. Net.*(t) 0516 extremely tentative log of this station; M in EE barely audible with mentions of Christ Jesus and The Deity. Heavy QRM from VOA and from stations playing Afropop or Latin music; P-VP 10/28. (Wood, TN)
- 4960 SÃO TOME VOA 0441 EE cmtry on N.Korea nukes; 10/29. (Brown-MO) 0443-0458 two men with EE political discussion; 0455 editorial; 0458 ID & sked by M; good 11/18. (Jim Evans, TN)
- 4965 PERU R. *Santa Monica* (P) 1005-1018 long continuous SS talk by M, appeared to be religious; no ID noted so presumed the one; poor & and much weaker than Santa Ana; needed LSB to avoid heterodyne from above; 11/13. (D'Angelo/FCDX-PA)
- 4965 ZAMBIA *The Voice* 0245 rel vocals; weak in lotsa noise 10/29. (Dexter-WI) 2015 Christian pop vocals, anmt 2043, ment. of competition; fair 11/3. And good at 0025 Nov 4, long vocals, anmt with stingers at 0044. (Berg, PPDX-ME)
- 4965.8 PERU R. *Santa Ana* 0945-1005 lively OA vocals hosted by M SS ancw w/talks, ads, IDs & TCs; 5+1 time pips at 1000, then jingle ID; P/F 11/13. (D'Angelo/FCDX-PA)
- 4976 UGANDA R. *Uganda* 0247 very poor with a nasty het caused by an unknown something 10/29. (Dexter-WI) 2058-2104* vocals till M EE ID & closing anmts at 2101; then choral NA ; poor 11/12. (D'Angelo/FCDX-PA)
- 4985 BRAZIL R. *Brasil Central* Goiania 2335 M in PP, lots of mx; ID as Nacional 0303; 10/31. (Ervine, TX) 0115-0126 Pidgin IDs by M; Pidgin vocals; shallow fades; good but noisy 11/1. (Brown-MO)
- 4990 SURINAM R. *Apintie* 0550 nice marimba mx, upbeat DT anmt with ment. of stn name, EE pops ("Top of the World," "He'll Have to Go"). 10/31 (Berg, PPDX-ME) 0220-0304 long selection of classic violin mx, M EE ancw ID & mentioned selection was Tchaikovsky; more cl mx; F/G 11/13. (D'Angelo/FCDX-PA)
- 4990.9 PERU R. *Ancash* 0937-1000 rusic mx, M SS ancw w/TCs, local anmts, many ments Huaraz, into national nx by W at 1000; still there 1033 recheck, but weak; 10/28. Not heard next day. Nice looking website at www.radioancash.org. (Herkimer, NY) 0916-0945 lively program of huaynos hosted by an equally lively M ancw, lot of SS chatter. IDs, TCs & ad strings; very good signal with some slight splatter from Apintie 11/13. (D'Angelo/FCDX-PA)
- 5005 EQ.GUINEA R. *Nac Bata* *0512-0535+ abrupt s/on with Afro-pop mx; SS talk; fair 10/7. (Alexander-PA) 2214 M in SS, local nx; into pgm of hi-life mx; good & rising, 10/5. (Brown-MO) 0502-0525 in what appeared to be SS; anthem, M w/anmts, West African pop mx in lang; fair at start, declining; 11/18. (Jim Evans, TN)
- 5010 INDIA *AIR Thiruvananthapuram* 0050-0135 nice selection of Hindi vocals & flute mx selection w/male host; 0130 time pips, ID & news; fair 11/14. (D'Angelo/FCDX-PA) 0050 Indian mx, good signal in the noise 11/4. (Berg, PPDX-ME) 1230 EE nx; fair 11/1. (Brown-MO)
- 5014.4 PERU R. *Altura* 1050-1101 huaynos, echo anmts, M SS ID; F/G 10/6. (Brown-MO) 0215-0245 Peruvian vocals hosted by a lively M ancw w/IDs & SS talk; good 11/13. (D'Angelo/FCDX-PA)
- 5015 PERU *Radio Altura* Cerro de Pasco 0249 M&W w/ rapid SS talk, ments Altura; echo effects, OA vocals; quite good 10/29. (Dexter-WI)
- 5015 TURKMENISTAN *Turkmen Radio* 1238-1254; faded up w/mentions of "Ashgabat" & "Pakistan" w/ M&W talks in listed Turkmen; ME type mx between items; very audible at peak. 11/1. (Brown-MO)
- 5020 SOLOMON IS *SIBC* 1315 BBCEE; cluttered signal; only fair. 10/30. (Brown-MO)
- 5030 BURKINA FASO R. *Burkina* 2340-0002* Afro-pops, FF talk. S/off at 0001 with NA. Fair, except for some splatter from Cuba on 5025. 11/2-3. (Alexander-PA) 2344-0003* in French; talk by M&W w/occasional instl mx segments. Segment of instrumental music before another man gave station ID and closing anmts prior to orchestra NA. P/F 11/10 and mixing with University Network from Costa Rica from 0000. (D'Angelo-PA)
- 5035 BRAZIL R. *Aparecida* Aparecida 0020-0050+ PP talk. PP ballads. 6135-good/strong. // 9629.95, 11855.1 - both very weak 10/14. (Alexander-PA)
- 5040.4 BURMA R. *Myanmar* 1203-1223 f/out w/haunting local vocals by a female singer accompanied by flute music; talk by M&W in Burmese; weak with music doing a nice job cutting through the noise floor 11.14. (D'Angelo/FCDX-PA)
- 5045 BRAZIL R. *Guarujá* 2254-2310 BRZ pop vocals by man, then ID & ad string at 2300; more PP talk by M, another pop tune; good 11/12 and not //3235. (D'Angelo/FCDX-PA)

- 5050 **CHINA Guangxi PBS** (P) 1056 fade-up w/soft orch music, man heard briefly in lang, more mx, then long tlk segment with woman possibly news; poor and, of course, was hoping for a sign of ARDS-Australia. 11/18 (Herkimer, NY)
- 5075 **CHINA V. of Pujiang** (P) 1223-1230 CC talk by M&W; no ID hrd; poor but readable signal with some ute QRM 11/15. (Jim Evans, TN)
- 5420 **CHINA Vo Minorities** Beijing 1238-1259:45 s/off; moderate strength, rock solid signal w/beautiful female vocals in Asian language; 10/9. (Brown-MO)
- 5460.1 **PERU R. Bolivar** 2310-2330 px of rustic vocals, M anc, SS anmts & two IDs; poor with some deep fades 11/12. (D'Angelo/FCDX-PA)
- 5470 **LIBERIA R. Veritas** 1935 church svc at 1935; poor 11/3. (Berg, PPDx-ME) 2047-2104* "Tropical Issues" call in pgm w/ in studio expert guest & M host taking phone calls from listeners; a lot of discussion about Nigerian oil situation; then ID by another M w/FM & SW freqs, mentioning close of shortwave service. However, next program, a soap opera drama, commenced before carrier was cut. Fair 11/13. (D'Angelo/FCDX-PA)
- 5500 **ETHIOPIA to Tigray Voice of Tigray Revolution** *0356-0416 in Tigrinya. Familiar IS prior to a M anc w/opening ID & anmts; after some music, another man gave the news. Flute music from 0412. Poor to fair 11/11 but seemed to deteriorate rapidly after opening. (D'Angelo-PA)
- 5680.7 **BOLIVIA LV del Campesino** (P) 2237-2242 rustic vocal, W anc w/SS talk — TC. Transmitter abruptly terminated - presumed accidentally situation - so no ID but Fred Kohlbrenner ID earlier. 11/13. (D'Angelo/FCDX-PA)
- 5765u **GUAM AFRTS** 1255-1306 C&W mx, mixing with WWCR till 1259*, then Guam in the clear and more C&W songs. 11/3. (Howard-CA)
- 5770 **MYANMAR Defense Forces Broadcasting Station** (T) 1511-1527* pop songs, s/off anmt ment Myanmar, brief indigenous music (same music as noted in the past at 1330, which is the ToH for them), best level ever heard 11/18; also 1426 weak w/pop songs; best after 1500 to 1528*, segments of talking and pop/rock songs; 11/19. (Howard-CA)
- 5800 **BULGARIA R. Bulgaria** *0058-0605 IS & EE ID "This is Radio Bulgaria," and into news in presumed Bulgarian, //5900, both fair 11/11. (Wood, TN)

Company Store

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Hello Everyone. Its going to be hard to top last month's announcements about the new ADDX CD and calendar, so I'm not even going to try. The only new item the "Store" will be stocking is not really a new item at all, but a repeat of an old special. For the last few years we've offered *Passport to World Band Radio* as well as the *WRTH* at special prices. I've already announced the special for this year's *Passport*. I am happy to be able to announce that we will also be offering the 2007 *WRTH* as a special as well. The price will be \$26.90 (the same as in 2005) plus postage (\$4.00 us and \$7.50 Global Priority Mail). Please keep in mind that the new *WRTH* CD (until 31 December, 2006 \$50 US ppd) covering the years 1959-1970 is still available as is the *OSL* calendar (\$17 US ppd). Also, all of our normal merchandise is available. Treat yourself to an early Christmas present !! That's it for December. Good DX. Mike

N4Web

Visit our newly redesigned and refreshed club home page on the World Wide Web at <http://www.naswa.net/>, including the *NASWA* Loggings Database, containing logs published in the *NASWA Journal* going back to November, 1998. The *NASWA* Loggings Database can help you identify a station based on what other club members have heard. Try the database at <http://www.naswa.net/logs/>.

International Band Loggings

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- 5910 **COLOMBIA LV de Tu Conciencia** Puerto Lleras in SP 0015, Marfil Estereo pgm, sermon, ID at 0017, local phone no., shift in pgm content to non-relig pop mx at 0114, f (Ronda OK 11/6)
- 5915 **ZAMBIA ZNBC** Lusaka in Vern *0242-0305+, s/on w/distinctive Fish Eagle IS, instrum'l NA 0250, talks in lang, drums, Afro pop mx, p-f with some QRM (Alexander PA 10/8)
- 5920 **RUSSIA R France Int** relay via Chita in EG *1400, ID, nx, cmntry mostly re the Saddam Hussein verdict, f-p with QRM from CW station (Howard CA 11/5)
- 5920 **RUSSIA R Rossii** via Yakutsk in RS 1111-1214, pop songs/ballads, many IDs, 5+1 pips ToH, news, f-g, //5940 and 7320 (Howard CA 10/28, Hauser OK 10/20)
- 59402 **BRAZIL R Guarujá Paulista** in PT 0550, BR pops/ballads, ancmts, weak, //5045 (Alexander PA 10/8)
- 5960 **ALBANIA R China Int** relay in EG 2116, tlk on bird migrations, g, //7285 (Fraser ME 10/12)
- 59857v **MYANMAR R Myanmar** Yangon in BM 1215-1258, unusual sounding mx, vocals, tlk by YL, nx BoH, f-p (D'Angelo PA FCDX-PA 11/14, Hauser OK 10/18, Lare MI 10/16) in EG 1506-1555, pop song, marching mx, local TC, nx, Myanmar wx rpt, slogans, ezl non-stop instrum'ls, p-f (Howard CA 10/22)
- 5995 **MALI RTVM** Bamako in FR 2150-2240+, listeners' phone calls, tlks, f (D'Angelo FCDX-PA 11/12)
- 6000 **CUBA RHC** Havana in EG 0438, takj re Cuba's bid to host the Olympic Games followed by heated discussion re keeping baseball as an Olympic event, vg (Wood TN 11/4)
- 6005 **SOUTH AFRICA BBC** relay in EG 0342, OM w/news and commentary, QRM (Mezek AZ 10/5)
- 60095v **COLOMBIA LV de tu Conciencia** Puerto Lleras in SP 0655-0725+, talks, lively LA mx. QRM from Radio Mil and RHC on 6000, better on 5910 w/strong signal (Alexander PA 10/15)
- 6010 **MEXICO R Mil** Mexico City in SP 0725, talk, IDs, Mexican mx, poor w/QRM from co-channel Colombia (Alexander PA 10/15) in SP 1202, noticias, ID, jingle, local mx, fair (Taylor WI 10/22)
- 60196v **PERU R Victoria** Lima in SP 1035, YL w/relig talk, vg in LSB, //9720 (D'Angelo FCDX-PA 11/13)
- 6020 **CANADA China R Int** relay Sackville in EG 0439, features on wedding customs in China, and "Chinese Idioms" concerning the finer points of diction in Mandarin, vg (Wood TN 10/28)
- 6050 **CHILE Voz Cristiana** Santiago in PT 0845, upbeat Christian vocals, big IDs (Berg MA)
- 6055 **RWANDA R Rwanda** Kigali in FR 2050, local and pop mx, greetings, a few EG words here and there, couple of quick IDs, blocked by UK relay of R Japan s/on at 2100, vg before that (Berg MA 10/26)
- 6055 **JAPAN NSB** Tokyo in JP *1200, classical orch mx, ID 1214, good, //3925 poor (Ronda OK 11/6)
- 6060 **AUSTRALIA RA** in EG 1212, interview w/Britt Shapiro of The Nation magazine and Charlayne Hunter-Gault of NPR, g-f (Park HI 10/3)
- 6065 **CHINA CNR-2** Beijing in EG 1302-1355, "English Evening" w/Alan & Joy", read lyrics of new song, into "Studio Classroom", feature about celebrities helping after 2004 tsunami, f (Howard CA 11/11)
- 6070 **CHINA CRI** via Xi'an in RS 1751, light pops done CH-style by YL vocal group, NA, IS, ID in CH and RS, ancmt and into nx, f-g (Park HI 11/4)
- 6075 **RUSSIA Kamchatka Radio** via Petropavlovsk in RS 1355, minimalist mx involving sitar? and various orch instruments, 1400 5+1 time sig after RS ancmt, s/off 1401, some tonal jamming (Hauser OK 11/5)
- 6090 **CHINA China Business Radio** in CH 1040, OM/YL w/talks, multi-lang IDs incl EG at 1044, brief mx segment and into interview, f (D'Angelo FCDX-PA 11/13, Schiefelbein MO 11/11)
- 6100 **CHINA CRI** Beijing in CH/RS *1159, IS, mx flourish, IDs in CH/RS, feature, vg (Park HI 9/26)
- 6110 **CANADA R Japan** relay Sackville in EG 0528, interview featuring musician discussing the influence of country and western mx in France, vg (Wood TN 11/4)
- 61149 **PERU R Union** Lima in SP 1036, nx features, ID, mx segment, interview, f (D'Angelo FCDX-PA)
- 61348 **BOLIVIA R Santa Cruz** in SP 1015, huaynos, IDs, alternating YL/OM ancncs, fading fast by 1024, f (Herkimer NY 10/28, Irvine TX 10/18)
- 6135 **BRAZIL R Aparecida** in PT 0057, talks, pips, ID, ment Sao Paulo, nx (Paszkievicz WI 11/2)
- 6150 **SINGAPORE RSJ** in EG 1300, nx, into modern Asian-style vocals, ID, p-f (Ronda OK 10/27)
- 6160 **CANADA CKZN** St Johns Newfoundland in EG 0720, carrying Channel Africa prgmng over CBC Radio One "CBC Radio Overnight", nx prgm "Africa Rise and Shine", announcing Channel Africa SW fqys, into BBC WS at 0733 (Berg MA 10/31) in EG 1910-1940, light features and short musical segments. ID "CBC Radio 1", news, fair (D'Angelo FCDX-PA 11/13) ED: only 300 watts.
- 6160 **CANADA CKZU-CBU** Vancouver BC in EG 1307-1337, CBC National News, regional wx rpt, AM prgm w/soft vocals and local nx, snow advisory traffic rpt, f-p (Ronda OK 10/28) ED: only 500 watts

- 6180 **CYPRUS CBC** Limassol in GK *2214-2245*, ID, ancmts, instrum'l mx, talk feature, phone interview, more instrument'ls before s/off, fair w/Brazil in background, //7210. 9760 (D'Angelo PA 10/20)
- 6180 **BRAZIL R Nacional da Amazonia** Brasilia in PT 0047, lots of songs, IDs, studio talk, sounded like a live prgm with audience applause, abruptly off at 0053, f-g (Ronda OK 10/28, Ervine TX 10/16)
- 6195 **SINGAPORE BBC** relay in EG 1320, prgm on drugs and gangs in W Africa, sports cmntry, ID, nx, now a regular here each local AM at listenable levels, g (Ronda OK 10/30)
- 6235 **ALBANIA TWR** relay in PL 0610, opening mx, ID 0615, into mx, fair-static, //7380 (Berg MA 10/31)
- 6250nf **LITHUANIA VOIRI** relay via Sitkunai in EG 2017, features, instrum'l mx, nx, ID and sked at s/off at 2027, more instrum'l mx followed w/ID and opening of SP service, p-f (D'Angelo FC DX-PA 11/13)
- 7150 **RUSSIA V of Russia** Armavir in EG 0522, feature on icons & Orthodox Christianity (Wood TN 11/4)
- 7175 **SOUTH AFRICA AWR** relay via Meyerton in Yoruba 2046, tlks by OM/YL, some nix, phone nos, IS and s/off at 2058:30, good (Berg MA 10/26)
- 7200 **RUSSIA R Rossi** via Yakutsk in RS 0845, RS pop songs, chimes, sound effects (baby crying, etc.) ID, 5+1 pips, bells ringing, poor audio w/warble, p-vp, //5935 p, 6075 g (Howard CA 11/7)
- 7230 **SLOVAKIA RSI** in EG *0057, IS, ID, sked, return of RSI to airwaves, tnx to listeners for support and E-mails, "Slovakia Today", nx, sked, //9440 (D'Angelo PA, Schiefelbein MO, Paszkiewicz WI)
- 7235 **IRAN V of Justice** Sirjan in EG 0214, long diatribe against US presence in Iraq, rpt on earthquake in Hawaii, dirge-like mx, stn address, sudden carrier off at 0226, g (Shemanski NC 10/17)
- 7275 **NIGERIA R Nigeria** Kaduna in Hausa/EG 0636, Afropop mx, OM/YL in EG w/talk of poplation growth and improving farming methods in Nigeria, p-f (Wood TN 11/11)
- 7295 **MAYLAYSIA Traxx FM** via RTM Kuala Lumpur in EG 1553, DJ Lady Kay with her Wed. program "Whatever Latin" w/pop songs, IDs, address, pips ToH, nx, weak signal (Howard CA 11/8)
- 7360 **VATICAN CITY Vatican Radio** in EG *0459, ID, ments of the Holy Father addressing university students, into feature "Panorama", vg (Wood TN 11/4)
- 7385 **USA WRMI** Miami, FL in EG 0454, ad string re quasi-Christian videos/books, talk re benefits of holding precious metals in times of extreme civil unrest, ID 0500 in EG/SP, g (Wood TN 11/4)
- 7450 **GREECE RS Makedonia** Avlis in GK 2150, ezl Greek mx, "Makedonia" ID, g (Ronda OK 10/21) in GK 2223, pop songs in Greek & few Westerns as well, NA at 2251 s/off, g (Schiefelbein MO 10/23)
- 9335 **NORTH KOREA V of Korea** in EG *1300-1340, NA, ID, prgm previews, choral anthem, news about the "Great Leader", p-f with unidentified QRM in background (D'Angelo FC DX-PA 11/13)
- 9340nf **USA KAIJ** Frisco, TX in EG 2256, preacher requesting donations, ID, Genesis Radio Network ad, into talk show incl interview w/street preacher, vg (Taylor WI 10/31) ED: QRM for N.Korea on WCNA.
- 9425 **INDIA AIR** Bangalore in EG 1540, nx for domestic service, rpt on US elections (Hauser OK 11/8)
- 9430 **PHILIPPINES FEBC** in CH 1351, phone interviews, mix of CH tlk/hymns, g (Schiefelbein MO 11/6)
- 9455 **PORTUGAL RDP** Lisbon in PT 0215, ID, pop mx, move from 9460 (Paszkiewicz WI 11/7)
- 9470 **INDIA AIR** Aligarh in EG/HD 2335, nx in EG, sub-cont tunes w/HD voiceovers, obliterated by CRI's Mongolian xmsn s/on at *0000, fair w/fades (Schiefelbein MO 11/8)
- 9525 **GERMANY Polish Radio** relay via Wertachtel in PL 1345, articles by OM/YL, ID, mellow pop mx, sign off at 1400, fair (Taylor WI 11/12)
- 9525 **INDONESIA V of Indonesia** Jakarta in EG 0814-0900, cmntry re Indonesian foreign policy, promo "Getting to Know Indonesia", canned RRI Overseas Service ID and VOI, special prgm re the Islamic holiday making end of Ramadan and Mudik, Islamic mx, pop/rock songs, nx, f-g (Howard CA 10/24) in EG 1554, IS, IDs in EG/AR at ToH, mx bridge, into Koran chanting, fair (Ronda OK 10/22)
- 9580 **AUSTRALIA RA** in EG 1805, "Correspondents' Reports" on US negative political ads, possible coup attempt in Fiji Islands, fair (Park HI 11/5)
- 9660 **USA WHRI** Cypress Creek, SC relaying the BBC in EG 120-1300, News Hour, cmntry on dealing with N Korean nuclear crisis, co-chan QRM (Davis OH 10/31, Fraser ME 10/15)
- 9665 **MOLDOVA V of Russia** in EG 0401, YL w/talk of Iranian nuclear prgm, ment of NATO operations in Afghanistan, IS, ID, mention of Israel (McGuire MD, Wood TN)
- 9665 **NORTH KOREA KCBS** Kanggye domestic relay in KR 1433, lots of nice mx, YL solo with organ and other instruments in revolutionary ballad, flutter on the signal added to exotic flavor (Hauser OK 11/4)
- 9720 **PERU R Victoria** Lima in SP 0359, tlk by two OMs, ID, promo, relig tlk, poor (D'Angelo PA 11/8)
- 9755 **CANADA RCI** in EG *0000, IS, ID, news, Maple Leaf Mailbag (Taylor MO, McGuire MD 10/28)
- 97795 **YEMEN Yemen Radio** in AR 0403, Mideast pop tunes, f w/fades (Schiefelbein MO 10/26) in AR 1936-2052, YL w/rapid fire talk, ments of Mohammad and Somalia, f-g (D'Angelo PA 11/11)
- 9895nf **USA KAIJ** Frisco TX in EG 2159, ID, into Genesis Network promo, it appears that KAIJ has added some new fqys and prgming filling otherwise unsold hours here and there with deceased Dr Gene Scoot tapes who used to be their only preacher (Hauser OK 10/16)

- 10320usb **HAWAII AFRTS** relay Pearl Harbor in EG 0356, various pgms of interest for US armed forces ranging from Bob Villa tips to economic nx on a company called BioTech, fair (Turnick PA 10/29)
- 11092usb **ST HELENA R St Helena** in EG *1800-0100*, audible non-stop during the Radio St Helena Revival Broadcast, greetings to listeners, mx, brief talks, interview with the Captain of the RMS St Helena, "A very special thank you to Robert Kipp for the creativity, imagination, and the implementation in restoring this favorite of many to the shortwave bands", audio was a bit rough and sometimes hard to understand and the signal ranged from barely intelligible to good depending on the time of day and the positioning of the xmtr beam (D'Angelo PA, Berg PPDx-ME, Wood TN all on 11/4)
- 11735 **TANZANIA Radio Zanzibar** in SH 1725-2100*, news in SH, indigenous vocals, chants, many ments of Zanzibar, often Arabic style singing combined with African style call and choral response combined, IDs, reception f-g (D'Angelo PA, Taylor WI, Berg PPDx-ME, Ronda OK)
- 11750 **CHINA CNR Beijing 1** via Shijiazhuang in CH 0930, prgm for commuters, ads for commercial products, pips at 1000, f-g (Schiefelbein MO 11/10)
- 11750 **AUSTRALIA HCJB Australia** Kununurra in EG 0825, various preacher pgrms, contact info, IDs, some QRM from CRI in CH fading up towards 0930 signoff; f-g (Schiefelbein MO 11/10)
- 11785 **BRAZIL R Guaiba** Porto Alegre in PT 0334-0401*, BR pop vocals hosted by OM w/talks, jingle, IDs, news, time pips 0400, closedown ancmts prior to sign off, poor (D'Angelo PA, Paszkiewicz WI)
- 11845nf **SOUTH AFRICA AWR** relay via Meyerton in FR/Yoruba 2020, talk, pop mx, ID, IS, into Yoruba language prior to tune-out (Paszkiewicz WI 10/29)
- 11850nf **VATICAN CITY Vatican Radio** in Urdu 1455, talk in language, mx, IS and ID at 1529, into EG Mass prgm at 1530, sked, xmsn beamed to S Asia, //13765 listed, good signal (Hauser OK 11/8)
- 11865 **RWANDA Deut Welle** relay Kigali in EG *2100, IS, ID, rpt on N Korea, Iran, f (McGuire MD 10/6)
- 11925 **BRAZIL R Bandeirantes** São Paulo in PT 0008-0051, news, talk, features by various OMs, pips at each quarter hour, ad string, ID, more news features, fair (D'Angelo PA 10/31)
- 11990 **KUWAIT Radio Kuwait** in AR 1526, talk and Koran chanting, into secular instrum'l and vocal music, Kuwait ID 1530 w/Euroclassical mx bridge, fair (Ronda OK 10/28)
- 12085 **SYRIA Radio Damascus** in EG 2036, Mideast pop tunes, info re Syria's environmental policy, ID, weak signal w/QRM from VOA on 12080, poor (Schiefelbein MO 10/26)
- 12150 **SRI LANKA VOA** relay in EG 1432, in-depth discussion on Iran's nuclear prgm, g (Davis OH 11/11)
- 12759usb **DIEGO GARCIA AFN** relay in EG 1503, sports nx, f, fadeout by 1510 recheck (Berg PPDx-ME 11/4)
- 133638nf **ARGENTINA R Continental** feeder? In SP 0114, ID, choir mx, feature "El Duende la Noche", fanfare, p-f with heavy QRN, tnx to Giampiero Bernardini from Milan, Italy for this tip (Ervin Tx 10/30)
- 13730 **NEW ZEALAND RNZI** in EG 0338-0445, mx prgm w/mentions of Australian target market, nice segment on "Alligator Records" specializing in blues mx recordings, good (Wood TN 10/28)
- 13790 **PORTUGAL Deut Welle** relay in AR 1900, ID, mainly nx, mention of Israel, f (McGuire MD 10/23)
- 13840nf **NEW ZEALAND RNZI** in EG 1138, "Mailbag" w/reports from John Durham and Adrian Sainsbury, g (Park HI 11/13)
- 15120 **NIGERIA V of Nigeria** Ikorodu in EG 1905-2000+, preview of upcoming pgrms, nx at 2000, Afro mx, ID, strong carrier w/hum and low modulation & muffled audio (Alexander PA 10/29, Ronda OK 10/21)
- 15140 **OMAN R Sultanate of Oman** in EG 1400-1501, chimes/gongs 1400, ID, nx, feature re education policies in Oman, US pop mx, Qur'an 1458, into AR lang at 1500, heavy splatter from WYFR in SP on 15130 (Alexander PA 11/3, Hauser OK 11/4, Schiefelbein MO 10/19)
- 15190 **PHILIPPINES R Pilipinas** via Tinang in EG/Filipino *1730, opening w/EG ID, sked (apparently outdated), mx, into Filipino lang, p-f but better than //11730 vp (Berg PPDx-ME 11/4)
- 15190 **EQUATORIAL GUINEA R East Africa** Bata in EG 1100-1156*, religious prgm, gospel mx, ID and Cupertino, CA address, p-f signal w/distorted audio (Alexander PA 10/19, Berg PPDx-ME 11/4)
- 15475 **GABON Africa #1** Moyabi in FR 1814, report on oil exploration in W Africa, f-g (Ronda OK 10/21)
- 17725 **FRANCE V of Africa** (Libya) relay via Issoudon in EG 1402-1557*, Afro pop mx, usual pgrms about the African Union, local geography and readings from the "Green Book", abrupt s/off, fair w/hum, also hrd on //21695 with xmtr hum as well (Alexander PA 11/3)
- 17770 **SOUTH AFRICA Channel Africa** Meyerton in EG, talk about banking and economic development, ID at 1530, fair-good (Ronda OK 10/21)
- 17810 **ASCENSION ISLAND United Nations Radio** relay in EG 1740, rpt on economic development in Africa, sked, fqys, s/off 1745, f (Ronda OK 10/30) ED: If you want to log this one you have to be quick since the xmsn is only 15 minutes long (from *1730-1745*) weekdays only.
- 17880 **CHILE Voz Cristiana** Santiago in SP 2030, nx, ads, Desportes, much good mx, g (Ervin TX 10/12)
- 21695 **FRANCE V of Africa** (Libya) relay in EG 1507, feature about African Union, one of their few favorite subjects, fair with hum, //17850 undermodulated and also hummy (Hauser OK 10/27)

Clandestine/Opposition Stations

- 6245 **RUSSIA Radio Zamaneh** relay via Armavir(p) in Farsi 1945-2100*, talks, pop and instrum'l mx, ID by OM prior to sudden close (D'Angelo PA 11/11, Alexander PA 10/28) ED: Xmtr site presumed from direction finding instruments. Programming target is Iran.
- 7280 **TAIWAN Sound of Hope** relay via Tanshui in CH 1237, talk, a number of animated IDs, interview, TS and s/off at 1300, fair (Ronda OK 11/6)
- 7425nf **ALGERIA National Radio of the Saharawi Arab Democratic Republic (RASD)** in AR 1855, ID, local mx (similar to Mauritania's), nx headlines all related to W Sahara, fair (Jaar QUE 11/2) in Catalan? 2320, N African type bongo and string mx, vocals, long talk, fair (Schiefelbein MO 10/20)
- 9730 **TAIWAN Shiokaze** (Sea Breeze) JP or KR? *1300, beamed to N Korea on this new freq, usual piano mx, ex 9485, QRM from strong CRI in EG (Howard CA 11/9)
- 15660 **RUSSIA Tensae Ethiopia** relay via Armavir in Amheric 1636, Mideast type tunes w/YL talking over theme mx, ID, mentions of Ethiopia, f-g (Schiefelbein MO 10/21)
- 17550 **GERMANY R Waaberi** relay via Juelich in Somali *1330-1400*, xmsn directed to Somalia, opening with instrum'l mx and ID, website address, long discussion by 2 OMs, QRM from WYFR on 17555, apparently transmits Fridays only (D'Angelo PA, Hauser OK, Schiefelbein Mo)

Best wishes for the holidays to all NASWA members. Keep the good stuff coming. A votre sante!

On the Short Waves by Jerry Berg

<www.ontheshortwaves.com> **Update, October 27, 2006**—Under "Articles, Research, etc.," "Full-Text Articles": The "On the Short Waves" book and website are named after a column that appeared in Radio News from July 1928 to June 1929 and that was one of the first columns in any popular American magazine that was devoted exclusively to short wave broadcasting. Here are two "On the Short Waves" columns from the February and March 1929 issues of the magazine. The type is a little small, but careful reading of these columns will give a good feel for the status of SWBC SWLing at the time. I will post some more of these in the future. Apologies for the quality of the reproduction.

<www.ontheshortwaves.com> **Update, November 4, 2006**—Under "Articles, Research, etc.," "Full-Text Articles," an article about "ultra-high" broadcasting. During the 1930s and 1940s, many U.S. stations conducted experimental broadcasting in the 25-27 and 42-50 MHz. bands. One of those who followed these developments closely was Perry Ferrell, who decades later would be the co-founder of Gilfer Shortwave and a good friend to DXers (including many ontheshortwaves followers). Here is an article by Perry from the January 1940 issue of Radio & Television (originally Short Wave Craft). A few years earlier Perry wrote a regular column on "ultra-high" stations for another magazine, All-Wave Radio. On the last two pages of this file, check out the Pacific shortwave news and "Let's Listen In With Joe Miller," with items from Italian East Africa, Manchukuo, and Indo-China. It was indeed another era.

<www.ontheshortwaves.com> **Update, November 19, 2006**—Under "Articles, Research, etc.," "Advertisements"--A pamphlet from Hammarlund on the company's SP-210 (with the 10" speaker--if you wanted a 12" speaker it was the SP-220). This was an 18-tube superhet with bandspread, crystal filter selectivity and coverage up to 20 mc. in five bands. It was sold during the 1940s, having first appeared around 1942. Check out those list prices on page 15.



On the Short Waves



Company Store

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The following items are available through the Company Store. Shipping is extra as noted.

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Shortwave Listening Guidebook by Harry Helms. A beginners guide to shortwave listening covering equipment and more.	\$19.95 +4.00 s/h US +8.00 s/h Can.
Joe Carr's Receiving Antenna Handbook A guide to high performance receiving antennas from longwave to HF and VHF.	\$19.95 +4.00 s/h US +8.00 s/h Can.
Joe Carr's Loop Antenna Handbook Comprehensive but readable guide to understanding and building loop antennas.	\$16.50 +4.00 s/h US +8.00 s/h Can.
Radio Monitoring: the How-to Guide by Skip Arey. Guide for new listeners to MW, HF, VHF and above.	17.95 +4.00 s/h US +8.00 s/h Can.
Passport to Worldband Radio 2006 Great source of information about shortwave stations, frequencies in use and schedules.	\$20.95 +4.00 s/h US +8.00 s/h Can.
World Radio and TV Handbook 2006 Long considered to be the bible for shortwave listeners.	\$27.95 +4.00 s/h US +8.00 s/h Can.
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