

# The **NASA** Journal

VOLUME XLVII NUMBER 3

MARCH 2007

**RADIO AUSTRALIA**

**RADIO AUSTRALIA**

**OFFICIAL VERIFICATION**

**RADIO AUSTRALIA**  
OVERSEAS SERVICE AUSTRALIAN BROADCASTING COMMISSION  
Box 3039, G.P.O.,  
Melbourne.

PERTH  
OF VERIFICATION ADELAIDE

Mr. \_\_\_\_\_  
The contents your receipt of \_\_\_\_\_ operating \_\_\_\_\_

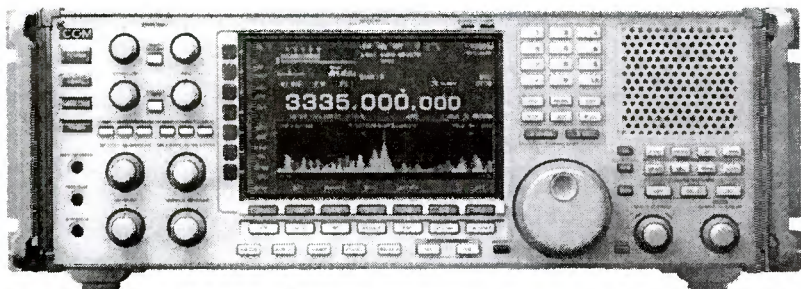
© 1976  
LEONARD

North American Shortwave Association — America's Shortwave Broadcast Club

# Quality Equipment From Universal Radio

**ICOM** R9500

✓ Visit our website for more R9500 information including color photos, features and specs. Go to: Online Catalog, Wideband Receivers at: [www.universal-radio.com](http://www.universal-radio.com)



The Icom R9500-02 raises the bar for professional receivers. Only Icom's wideband receiver technology can achieve this high specification with 5 kHz to 3335 MHz coverage (less cellular). The IC-R9500 incorporates two independent, 32-bit floating point DSP units, one for receiver and the other for the high resolution spectrum scope. The IC-R9500 has two noise blanker memories; you can set attenuation width, depth and blank time parameters. The digital IF filter allows the operator to adjust the filter shaping (sharp or soft), filter band-

width, and center frequency characteristics, without missing the received sound. The digital twin PBT narrows and shifts the IF passband, and efficiently eliminates interfering signals. The R9500 has five roofing filters before the 1st amplifier. The synchronous AM detection provides less distorted audio than normal diode detection. The two-point digital manual notch filter reduces more than 70dB at two points with adjustable filter width.  
R9500-02      Order #0095      T.B.A.

**NOTICE:** This device has not been approved by the Federal Communications Commission. This device may not be sold or leased, or be offered for sale or lease, until approval of the F.C.C. has been obtained.

## Two new titles from Universal Radio!

Save over \$4!

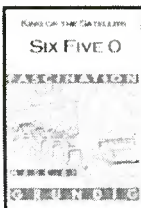


### PASSPORT TO WORLD BAND RADIO 2007 Edition

By Larry Magne. A *must have* book for every worldband listener. Here is everything you need to know about when and where to hear the world; hour by hour, country by country and frequency by frequency. Also includes candid, hard hitting reviews on worldband radios including portables and tabletop models. An expanded station address section is also featured. *Passport* is the world's number one-selling shortwave guide. An indispensable reference with 592 pages!

**New 2007 Edition**

Order #1107 .....\$22.95 \$18.90



### King of the Satellites - Six Five O The Grundig Satellit 650

By Thomas Baier.

Here is the book Satellit 650 owners have been waiting for. Clearly the famous Satellit 650, was the "king" of the Grundig Satellit line. Author Thomas Baier, draws from his sources in Germany to report all about this famous world band receiver. Over 100 pictures are featured in this 80 page book. Learn about variants, production numbers, disassembly, adjustments, bulb replacement and much more. The Owner's Manual and circuit schematic are also fully reproduced. This is a "must have" reference for anyone lucky enough to own a Satellit 650. 80 Pages 8 1/2 x 11 inch. First Edition - Second Printing. ©2007

Order #0650 .....\$22.95



### Listening to Longwave The World Below 500 KiloHertz

By Kevin Carey.

Listening to Longwave is your introduction to the fascinating "basement band" of the radio spectrum. Key features of this book include:

- ✓ Who is on the air — when and where to listen.
- ✓ Receivers, converters and antennas for effective longwave reception.
- ✓ Longwave listening tips.
- ✓ Monitor the sounds of nature: Whistlers, Tweaks, Dawn Chorus and other radio atmosphericies.
- ✓ Longwave navigation beacons, time stations, broadcasters, time stations and NAVTEX weather broadcasts.
- ✓ License free experimenter's band.

Universal Radio ©2007 98 pages.

Order #0024 .....\$6.95



Quality Communications  
Equipment Since 1942

**Universal Radio, Inc.**  
6830 Americana Pkwy.  
Reynoldsburg, OH 43068

800 431-3939 Orders & Prices  
614 866-4267 Information  
614 866-2339 FAX  
dx@universal-radio.com  
[www.universal-radio.com](http://www.universal-radio.com)

Prices and specs are subject to change.  
Prices shown do not include shipping.  
Returns are subject to a 15% restock fee.

**www.universal-radio.com**  
Guaranteed lowest prices on the web?

Not always. But we *DO* guarantee that you will find our website the most informative.

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

■ U.S.A. flat-rate shipping: Under \$50 = \$4.95,  
\$50-\$100 = \$6.95, \$100-\$500 = \$9.95, \$500-\$1000 = \$14.95.  
Except Alaska, Hawaii and Puerto Rico.

# NASWA Notes

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

---

The Winter SWL Festival is just around the corner. If you have not done so already, now is a good time to make your plans to attend this year's event which will celebrate the 20<sup>th</sup> annual gathering of the radio listening hobby. Our hosts, **Rich Cuff** and **John Figliozzi** invite everyone to attend this year's special festivities. An extra day of fun has been added to the line up to help celebrate our 20<sup>th</sup> anniversary. Be sure to register. I look forward to seeing many of our members at this year's gathering. Be sure to stop by the club table to say hello.

Country List Committee (CLC) Chairman **Don Jensen** reports that the club's *Country List and Awards Program* booklet has been updated. Thanks to the impetus of **Kevin Mikell**, Don and the CLC began work cleaning up the list and making some modifications to the list. **Gary Neal** also participated in the process tidying up some awards program language. Unfortunately, there are no new countries added. However, the list should be easier to use. It was brought up-to-date regarding shortwave activity plus additional information was included in the gazetteer. The full CLC consists of: **Jerry Berg**, **David Clark**, **Harold Cones**, **John Fisher**, **John Herkimer** and **Don Jensen**, Chairman. The updated *Country List and Awards Program* booklet is available for free as a download from the club's website, <http://www.naswa.net/>. Alternatively, paper copies of the *Country List and Awards Program* booklet can be ordered through the Company Store for US\$3.00. We plan to have a supply of the latest version available at the club table at the Winter SWL Festival. Thanks to Don, Gary, Kevin and the CLC for a job well done.

From **Jeff White** (c/o WRMI Radio Miami International, 175 Fontainebleau Blvd.,

Suite 1N4, Miami, FL 33172 USA), President of National Association of Shortwave Broadcasters (NASB) comes word that the NASB and the USA DRM Group will hold a two-day joint annual meeting in Elkhart, Indiana on May 10 and 11, 2007. The meetings, which are open to broadcasters and other interested parties, will be hosted by the HCJB Global Technology Center in Elkhart. The HCJB Global Technology Center is involved in engineering, research and development, training and technical support for these worldwide operations. The Center has been in the forefront of research and development on DRM. On the agenda for the two days of meetings are tours of the HCJB Global Technology Center in Elkhart and the world headquarters of LeSea Broadcasting in nearby South Bend, Indiana. Speakers at the meetings will include **Dr. Kim Andrew Elliott**, audience research officer at the Voice of America; **Dr. Adrian Peterson**, coordinator of international relations for Adventist World Radio; **Allen Graham** from HCJB's shortwave station in Ecuador; and various persons involved in DRM broadcasting on shortwave and other bands. Presentations will range from technical topics to programming and audience research. Broadcasters, manufacturers, consultants and academics are invited to participate in the NASB and DRM meetings in Elkhart. Local students and shortwave listeners are also invited to participate as observers. Pre-registration is necessary, but is free of charge. For more details, contact Jeff at the above address or see the meeting webpage, [www.shortwave.org/meeting.htm](http://www.shortwave.org/meeting.htm) or e-mail [nasbmem@rocketmail.com](mailto:nasbmem@rocketmail.com).

From **Sean Gilbert** we learn that the *World Radio Television Handbook* (WRTH) has posted and update file of schedules for the winter season international broadcasting that is

---

## Our Motto: Unity & Friendship

available for download from the WRTH website. Please see <http://www.wrth.com> and follow the instructions. The update file is a PDF document, and you will require version 5 or later of the free Adobe Acrobat reader to view the file. The file contains 13 pages and is less than 80kb in size. Thanks to the WRTH Editorial Team for making this available. It is a very useful accompaniment to the print handbook.

**Ian McFarland** notifies us that there will be a new two CD set full of shortwave nostalgia being released soon. He will be having the The Big Launch at the 20<sup>th</sup> Anniversary Winter SWL Festival in Kulpsville, PA on Friday, March 9<sup>th</sup>. If you can't be at The Fest there will be a parallel launch announcement on the DXer.ca website on the same day. The price of the new CDs will be the same as for the *Idents & Interval Signal Series* CD set, and again the net profits from sales will be donated to the food bank in Duncan, BC in Canada. If you liked the Idents CDs you'll absolutely love the new CDs. They're even more nostalgic! If you're going to be at The Fest you might even win a set of the new CDs at the official launch.

Member **Richard Wood** in Keaau, Hawaii sent a copy of a letter he wrote to the editor of the Feedback section of *Russian Life* magazine. Richard's letter talked about some language corrections in the magazine but more importantly discussed the Voice of Russia (VOR) World Service requesting that they publish more information about the station including times and frequencies as well as features about the well-known on-air personalities at the VOR World Service. By the way, if any members are ever in Hawaii, stop by Richard's Fruitstand at the Hilo farmer market seven days a week. He specializes in 100% Kona Coffee. Can't make it to Hawaii check Richard's stuff out at his website: [www.richardsfruitstand.com](http://www.richardsfruitstand.com).

Here is a reminder that the latest updates of the free mediumwave and shortwave *Pacific-Asian Log Radio Station Guides* are available online at [www.radioheritage.net](http://www.radioheritage.net). They include nearly 6000 separate stations and over 50,000 separate data entries of detailed

information. The Pacific-Asian Log is the most comprehensive and up-to-date guide to stations in the region, giving you free access to data such as station slogan, call sign, power, hours of operation, format and more. Easily searched by frequency, location and country, both radio station guides can also be quickly downloaded. On shortwave, China boasts 562 separate entries such as the Voice of Pujiang, Shanghai on 3280 kHz. There are 145 more current stations in India. As well as easily found individual station information, each Pacific-Asian Log at [www.radioheritage.net](http://www.radioheritage.net) has detailed country by country and network data to help listeners understand current broadcasting operations. Editor-in-Chief **Bruce Portzer** compiles each update based on information from many sources. Regularly refreshed, each radio station guide is the easiest place to find out what's on the air anywhere across the Pacific-Asian region. The Radio Heritage Foundation is a registered non-profit organization.


Another reminder, this time about Swiss Radio International's release of a DVD entitled *Switzerland calling-70 Years of Quality Reporting* during their 70<sup>th</sup> anniversary. The contents of the DVD include more than 3 GB with video footages of old and new Swiss sw transmitters, interval signals, radio broadcast archives including highlights through the 70 years history of SRI and photos. The DVD can be played in four languages: English, German, Italian and French. The main topics of the DVD are: From Shortwave to hypertext; Switzerland Voice in the World; Culture and Music; Goodies from Archives; and Picture Galleries. Switzerland Calling appears to be of interest to radio historians and shortwave hobbyists with a keen interest in the history of radio. The *Switzerland Calling-70 years of Quality Reporting* is distributed free of charge for private and educational purpose. Those interested may contact Swiss Info/SRI at the following address for more details and availability. Swiss Info/Swiss Radio International, Marketing-Communication, Giacomettistrasse 1, CH-3000 Berne 15, Switzerland. Thanks to T. R. Rajesh of Kerala, India from the World DX Club in Northampton, England for the information.

The new group that has been in operation for less than six months for the discussion of Digital Radio Mondiale (DRM) broadcasting in North America (<http://groups.yahoo.com/group/drmna/>) has grown to over 100 members. Membership only requires signing up. The discussion concentrates around programming and reception issues of those living in Canada, USA and Mexico. Other welcome topics include hardware, software, antennas, theory, etc. There has been a lot of interest in DRM related activities and this is an excellent way to stay on top of breaking developments in North America.

There is still plenty of good DX left to squeeze out of the airwaves. The bands are in reasonably good shape enabling a lot of quality logs. 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](mailto:rdangelo3@aol.com)) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic *Flashsheet* edited by **Mark Taylor**, [markokpik@tds.net](mailto: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 continue to keep Mark busy in as 2007 progresses!

Please remember to direct all communications about subscriptions, bulletin delivery issues, late winter vacation ideas, the use of PayPal as a payment method, etc. to **Bill Oliver** at the club's Levittown address or to his electronic address, [weoliver@comcast.net](mailto:weoliver@comcast.net). The regular postal address is the familiar 45 Wildflower Road, Levittown, PA 19057. Inquires sent to Wyomissing 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 (March 1982)

After an absence of almost a year, Publisher Bill Oliver brings back the Roll Call feature. Plans were to bring it back every other month. George Sherman edited the *NASWA Tropical Bands Guide* featuring five years of log reports for the 2000-5900 kHz range; it was made available to members for US\$3.00. Ed Shaw joined the Shortwave Center team editing a technical topics and equipment review section. His first feature appeared in March. In *Vintage Vignettes*, Bill Taylor discussed "The Birth of Short Waves." Charles Bolland wrote about "An Index Card File May Be Just What You're Looking For." In a special SWC feature, Dan Robinson wrote "Shortwave Listeners Lose a Friend at the Voice of America." In the QSL Report, Sam Barto noted that 104 countries were reported. Terry Krueger's final Log Report A column appeared in March with Stu Klein beginning his editorial stint in April. 

## Calendar Of Events

- Mar 8–10, 2007 Convention.** The **20<sup>th</sup> Annual Winter swl Festival**, sponsored by NASWA, will be held at the *Best Western—The Inn at Towamencin*. The 20th Annual Winter SWL Festival, sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> March 2007. Join us for this 20<sup>th</sup> anniversary extravaganza in the DX Mecca. Richard Cuff and John Figliozzi 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!
- Mar 9 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: dcsckp@aol.com. Cancelled in lieu of the 20<sup>th</sup> Annual Winter SWL Festival, see above.
- Mar 9 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/>
- Apr 14 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>>
- May 10–11 Annual Meeting.** The **National Association of Shortwave Broadcasters and the USA DRM Group** will hold a two-day joint annual meeting in Elkhart, Indiana on May 10 and 11, 2007. The meetings are open to broadcasters and other interested parties. For more details, contact Jeff White c/o WRMI Radio Miami International, 175 Fontainebleau Blvd., Suite 1N4, Miami, FL 33172 USA or see the meeting webpage, [www.shortwave.org/meeting.htm](http://www.shortwave.org/meeting.htm) or e-mail [nasbmem@rocketmail.com](mailto:nasbmem@rocketmail.com).
- Aug 18, 2007 Convention. 2007 Madison-Milwaukee Radio Get-together.** The 14<sup>th</sup> 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.
- Nov 1–4, 2007 Convention.** The next **European DX Council Conference** is scheduled for Lugano, Switzerland on 1–4 November 2007. Venue of the conference is the Hotel Dischma, Vicolo Geretta 6, CH-6900 Lugano Paradiso, Switzerland ([hotel-dischma@bluewin.ch](mailto:hotel-dischma@bluewin.ch)). The conference fee is EUR 95. Further information is available from Tibor Szilagyi in Sweden at +46 8 500 264 83 (phone number) or [tiszi2035@yahoo.com](mailto:tiszi2035@yahoo.com) (e-mail).
- Mar 7–8, 2008 Convention.** The **21<sup>st</sup> Annual Winter swl Festival**, sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 7<sup>th</sup> and 8<sup>th</sup> March 2008. Richard Cuff and John Figliozzi 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](mailto:rdangelo3@aol.com)) or Ralph Brandi (Internet: [ralph@brandi.org](mailto:ralph@brandi.org)). 

---

## Musings

**George Zeller <georgez@nacs.net>, Cleveland, OH**

It seemed clear from listening to pirate stations recently that there is a sort of jamming war going on right now on the pirate bands. We have not seen anything like this since the poor operating practices several years ago by Lad at the Voice of the Night. It has long been true that pirates attempt to avoid jamming each other. But, a few pirates over the years have used poor operating practice, and they intentionally have jammed other pirates or even other shortwave broadcast or utility stations. Long ago behavior like this was defined by virtually the entire pirate community as behavior that should not be supported by anybody. I do not know who is broadcasting the SSTV or other digital noises on the pirate bands right now, but I strongly suspect that it may be WBNY, since at times in the past they have given CW IDs in addition to the digital noise broadcasts. Now, I am well aware that many situations will sometimes emerge where a station heard in one location is inaudible in another location, and that therefore what may look like jamming on the surface may in fact be inadvertent because one transmitter cannot hear another transmitter, although both transmitters may be audible elsewhere. But, in a couple of cases this weekend, it seemed obvious that the digital noise broadcaster was going on the air at the same time as other stations were on, with no regard for the resulting QRM. This is obviously not a good trend.

Moving along to the WOR1 ID, it is not fully clear what the actual ID of this station is. I list WOR1 here, since that is what it sounded like to me in three different logs. But, I have seen others talking about a station using a WARR ID, with a slogan of "anti-rodent radio." I did not copy the ID as WARR on the three broadcasts of WOR1 that I heard. But, I list this uncertainty here in case somebody else heard this station with a better signal, and who thus can be more definitive about the station ID.

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

Here is the news of this month. Our first topic is about Shiokaze. According to the posted information from Mr. Tooru Yamashita in Asian Broadcasting Institute's bulletin board, the station Shiokaze, or Sea Breeze will commence the transmission from KDDI Yamata from 25th of March. The Ministry of Internal Affairs and Communications of Japan has registered several frequencies for this transmission. The morning service of the current transmission using VT Merlin facility is not strong, so this will probably be replaced by Yamata. The evening transmission will be maintained by VT.

The second topic is about KBC Radio. KBC Radio, a former pirate station, active in 1980's, returned to short wave on 27th of January as a legal station. The schedule is from 22:00 to 22:59UTC on every Saturday, starting January 27th. The frequency is 6255kHz with 100kW transmitter from Sitkunai, Lithuania.

The third topic is not related to DXing, but you may send your messages to the moon. My fellows who worked with me for many years before my retirement from the company, are working on the Selene project which is to be launched in this summer to reach the moon. The JAXA, Japan Aerospace Exploration Agency is sponsoring the worldwide "WISH UPON THE MOON" campaign. Please access to <http://planetary.org/special/fromearth/selene/>. From here you can send your message which will be printed in thin metal sheet and carried to the MOON. The deadline is shown as January end 2007, but it will be extended for a month to the end of this February.

This is all for this month. Toshi

Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610  
Spring-like weather made our December outing the French Creek seem more like an April DXpedition. Nevertheless, just before Christmas we gathered for the final DXpedition of 2006 after a major series of solar activity which impacted reception conditions. However, something is always available provided you are patient and check out different things along the way.

I was the first to arrive and managed to get two of my three antennas up before Ed Mauger showed up. While Ed was doing some antenna work, I finished my 250-foot south wire and began listening. African stations were good with Chad booming in on 6,165 kHz. John Figliozzi arrived just prior to sundown making us three. Rich Cuff was expected either very late in the evening or early Monday morning. Either way Rich didn't miss much as the Latin stations were a complete zero during prime Bolivian and Peruvian early evening listening period. Also, India was a bust. However, later in the evening Latin America seemed to pick up with Suriname becoming quite listenable around 0300 and some Brazilians rising up out of the noise. This gave hope that perhaps tomorrow morning would be good for Latin stations.

Shortly after I turned in around 0500, there arose such a clatter ... up on the roof ... no, it was the front door. Rich Cuff magically appeared having made it through the park during the darkest of hours. John was the only DX'er awake in the cabin at the time avoiding Rich the need to climb in through one of the slightly open windows. I would have paid good money to see that happen.

The morning saw only average conditions toward Latin America with a few of the old favorites being logged. Nothing too outstanding but you can't have extraordinary conditions all the time, I guess. Once again, Papua New Guinea and Indonesia were strangers. The 120-meter band Aussies made it in after dawn rising out of the mud and SIBC poked its head out around 1300 with BBC programming.

The warm weather encouraged Rich and John to enjoy the morning sitting in lawn chairs or by the picnic table as mid-60's temperatures and a warm sun was conducive to outdoor living. However, as I returned clouds rolled in moving the outside gang indoors. Conditions seemed reasonably good during the afternoon with armchair copy of Radio Veritas and its "Topical Issues" call in program and with RRI Makassar finally making it to French Creek this season. No other Indonesian stations were heard.

The "big event" is our banquet the final evening of the DXpedition. The pasta dinner has become a tradition of sorts celebrating our success at avoiding the real world for a couple of days. Sometimes we even have good DX results to celebrate making it all worthwhile. The final evening saw a nice Indian opening with the highlight for me being a log of Bangladesh on 4,750 kHz thanks to the eagle ears of John Figliozzi.

The final morning saw me sleep in until almost 1100 UTC. Although there were a number of tantalizing heterodynes on Indian channels, nothing exciting popped out of the noise. Thailand on 7,300 kHz and Singapore on 6,080 and 6,150 kHz were the final morning highlights.

This DXpedition was a little different from our last outing. At FCDX No. 25 Latin America and Africa were the hot spots. FCDX No. 26 saw Latin America relatively quiet, nothing spectacular, but the rest of the world help balance things out with some nice logs from numerous geographic locations. All in all a rather productive trip especially when factoring in the awful solar disturbances that was just starting to clear up as we began this DXpedition.

Our next outing is in another six weeks or so. Plenty of time to craft some new DX targets and make arrangements for another DXpedition. 73, Rich



**John Telker <johntelker@semo.net>1311 Merritt, Malden, MO 63863**

Help—I am 65 years old and retired. Trying to get a TNC up and running. Using a Time Wave PK232MBX and need software. Been DXing for several years now. For the Listeners of the Ham Bands, try the bottom edge of 40 meters, from 7.0 MHz to about 7.25mhz. Late afternoon from around 2300 to 0100 UTC should produce excellent results. A “Code Reader ” gadget will be helpful for those who cannot copy Morse. Soundcard DX-ing is also popular with some. Google search using PSK31 should give several sources for free software. Digipan is a good one to have. Go to the QRZ.com website and click on the software option and pick and choose. For PSK31, and older computer with Windows 98 will work fine. This would be an excellent way to put that old computer to work. Interfacing your soundcard is very easy. That info is also available on the web. Once you have the call sign of a Ham, then use QRZ.com to obtain his name and mailing address. Lots of Hams will QSL a shortwave listener.

**Scott R. Barbour Jr. <srbrjswl@yahoo.com>, Intervale, New Hampshire**

Before I get to the logs I thought I would give everyone a quick update on the ongoing noise problem at my location. Spoke with the technician in charge of investigating such problems last week. He said the utility companies' engineers had completed work on a detailed map of their power lines in the area and that he was coming up the next day, Wednesday the 7th, with the necessary equipment to try and pinpoint the source of the noise.

I will check back with him next week. Patience continues to be the order of the day.

**Ed Insinger <lenapeland@aol.com>, New Jersey**

I started in the hobby way back in 1968, when I purchased a Heathkit GR-64 kit with a 4-tube circuit. After completing and testing, I discovered “shortwave radio” and my world changed! I was fascinated by signals received from distant countries and delighted to learn that there were reception reports and QSL's. I became inactive after my children were born, then returned to the hobby in late 2005. It is still fantastic, though I'm finding more difficult to QSL, due to many factors, including budget cuts and staff reductions at radio stations and the stature of the US in the world today being less than admirable. I never get into politics personally or through the hobby. I do follow the NASWA motto of Unity and Friendship, as well as the philosophy of Antoine de Saint Exupery, who wrote these sage words: “The central struggle of men has ever been to understand one another, to join together for the common weal.”

I still own a Hallicrafters SX-100, purchased in 1972 from Perry Ferrell of Gilfer Associates. It works well and is a gentle reminder of these American made classics from the golden age of “made in the USA” shortwave receivers from the likes of Hammarlund, Collins, Hallicrafters and Drake.

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

Leading off this month's QSL news is verification from Bolivia. Radio Virgen de Remedios verified after a French Creek logging. Anytime something from Bolivia arrives in the mailbox, it is a good day. Walter Brodowsky from T-Systems Media & Broadcast Unit electronically verified External Service of Polish Radio. Walter mentioned that Ralf Weyl is no longer with their group although he didn't say where Ralf is at the moment. Voice of Korea is becoming a reliable QSLer in North America after many years of poor mail service between the USA and North Korea. The mail now goes through on a regular basis which is good for the verification business. They also sent along a package of essentials such as a copy of The Pyongyang Times, four 2007 pocket calendars, four order forms for from the Korean Stamp Corporation to buy certain Korean mint stamps, and finally an information sheet about a composition contest addressing, among other subjects, “the immortal exploits performed by the great leader President Kim Il Sung.” Another

new broadcaster using the Sitkuani, Lithuania facilities responded to an e-mail report, The Mighty KBC. They have provided interesting alternative listening. The verie signer, Tom de Wit indicated he would be reading portions of my letter on their February 17th transmission. US Pirate station WDDR verified with a full data card and a copy of the CD of the program I heard. This is becoming quite a popular enclosure for North American pirates to use. It is nice to collect studio quality CD recordings of these broadcasts. Finally, Adventist World Radio – Dhabbaya verified a follow up report to the Singapore office.

Someone put winter into our winter. Our final outing to French Creek was a winter DXpedition with cold temperatures and light snow falling while we set up our cabin. The ground was muddy because the cold was a recent occurrence so the ground wasn't frozen, firm. I took Fred Kolbrenner's advice and only set up a 500 foot wire main in the south direction as opposed to my usual north over the hills arrangement.

When I arrived slightly after 1900 UTC, Fred was sitting in the cabin beginning to tune around the bands. He was the first to arrive and first to set up. After informing about the muddy conditions, I avoided the slope behind the cabin and took the easy route for antenna set up this time. I was back in the cabin in short order as gentle snow flurries created a nice atmosphere for afternoon DXing. Ed arrived shortly thereafter rounding out our modest sized group of three. Times have changed from the days of having too many DX'ers eager to venture to the cabin for a DXpedition.

Iran's English service on 6,255 kHz was rolling in and African stations were received without many problems. Radio Veritas as well as both Uganda outlets were logged. The ever wandering Radio Nacional Saharai was found by Fred on 6300 kHz. Latin America was quiet the first night which was a major disappointment. Indian station arrived much latter than usual with AIR-Jammu the highlight around 0200. The night ended for me with armchair copy of Radio Zambia on 5915 kHz and fair reception of Radio Peace in the Sudan; a station that I have not heard for a few years.

The next morning saw just awful conditions. With a light layer of snow covering everything outside, you would have thought that listening conditions would be just fine. Wrong! Latin stations were almost non-existent while Asia and the Indian sub-continent made only weak appearances. We just didn't have much to show for our morning's efforts. Time would have been better spent sleeping in!

Late afternoon conditions were a mixed bag with African stations seemingly good once again but nothing but heterodynes from one or two Indonesian outlets. Evening Latin American activity was slow at first but conditions seemed to improve as the evening wore on with a nice log of La Voz de los Andes and a tentative for Radio Logos helping to salvage to slow Latin situation. The evening banquet of pasta, meatballs and Italian bread rounded out the evening activities for the most part. Fred and I managed to log some TV time around 0200 UTC.

Similar to our last outing, I overslept the final morning not rising out of my sleeping bag until 1100 UTC; about 75 minutes later than planned. I found out that I didn't miss much Latin activity and it was beginning to look like Asia would provide equaling uninspiring results. However, a few stations did make it through with Traax FM from Malaysia being the mornings listening highlight for me. Fred managed to hear the Malaysian on 6050 ± before another station blasted it away for good.

This DXpedition was the weakest in terms of overall output heard but as usual, there is always something brewing. I was pleasantly surprised to log Radio Peace in the Sudan as well as Radio La Voz de los Andes from Peru. That pretty much ends the DXpedition season for this year but can next November be that far away? The Winter SWL Festival is just around the corner so that will give us something to look forward to.



# Easy Listening

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

---

## You may be at the Fest as you're reading this...

The March *Journal* may show up in your mailbox as you're loading the car for the ride to Kulpsville, or it may arrive while you're at the Winter SWL Fest. Either way, I'll have more on the Fest in April's column. You'll probably see me spending a bunch of my time around the "Digital Radio" demonstrations: we'll be testing WiFi radios, DRM services via a Ten-Tec 320D PC-operated radio, as well as the Philadelphia area HD radio scene.

Even if you haven't pre-registered and decide to join us on the spur of the moment, we still look forward to seeing you; you can register on site for single days if that's all the free time you can spare. Remember to check out the Fest website at <http://swlfest.com> for the latest details.

## Radio Japan: I spoke too soon

Last month I mentioned that **Radio Japan** had largely escaped the budget cuts that have resulted in diminished or curtailed shortwave utilization for so many broadcasters. Glenn Hauser corrected me on this—Radio Japan has announced the end of several language services as of the B-07 (September 2007) seasonal schedule change in order to focus more resources on television. Italian, German, Swedish and Malay services will be eliminated; shortwave programming targeting Europe (except for Russia) will also be "trimmed", whatever that means. This means that only those French services targeting Africa will remain, and only those Spanish services targeting Latin America will be retained.

Later in 2007 the plans for English via shortwave targeting North America will be firmed up. You may wish to contact

Radio Japan and express your concern for the possible loss of shortwave. Thanks to Glenn Hauser for reminding me of this information which Glenn had passed along in July of last year.

## Assorted webcast / streaming / podcasting updates

### Radio Ukraine International—additional webcast bandwidth

Glenn Hauser and Public Radio Fan *site-meister* Kevin Kelly have reported finding an additional streaming link for **Radio Ukraine International**, listed at the website [media.wnet.ua](http://media.wnet.ua). The best way to find all four daily editions of RUI's English language programming is to visit <http://www.publicradiofan.com> and search for "Ukraine" in the *Station Finder* section of the website. Source: Glenn Hauser's *DX Listening Digest* website.

### Deutsche Welle—More programs for download

**Deutsche Welle's** website, <http://www.dw-world.de>, now provides improved audio-on-demand capabilities: in addition to online streaming in RealMedia, Windows Media, and MP3 formats, you can download MP3 files for all DW English programs to your own computer for transfer to MP3 players/iPods. Only a few programs remain available via podcast subscription.

## Assorted program reviews

### Radio National/Radio Australia

A few years back, you may remember me writing about *The Comfort Zone*, a Radio National-produced program that debated and celebrated the cultural significance of architecture and design, landscape and gardens, and food; the program's host was Alan Saunders, and the subject matter was

unique in international radio. Turns out Mr. Saunders is now back on the air with the similarly-themed *By Design*, which is "...a program about how we shape our world—a vibrant show about people and the things that surround us. The program explores how design—the way things look, feel and function—reflects social change; what the decisions we make as consumers of architecture and everyday objects tell us about who we are." Subjects of a recent edition of the program included bathroom design, why we can't program our VCRs, and why we now have more than 100,000 type-faces available to us.

Unfortunately, *By Design* isn't on the current **Radio Australia** schedule, but it is available twice weekly in the live webcast of **Radio National**, Fridays at 2205 UTC and Saturdays at 0805 UTC. The most recent four editions of *By Design* can be downloaded or streamed online at the Radio National website, <http://www.abc.net.au/rn>, or can be subscribed in a podcast at the same address.

### Voice of Russia

While the **Voice of Russia** is certainly only a vestige of its former self from the halcyon **Radio Moscow** days of the 1960s and 1970s, there are still some programs worth a listen. Others, however, remain rather dull. A common theme across all of **Voice of Russia** programming is Russia's place in the world...today as well as in past centuries. While the Voice of Russia continues to make heavy use of shortwave broadcasting, much Voice of Russia programming is available via live and on-demand webcast. The recently-changed URL for the Voice of Russia is <http://www.ruvr.ru>.

*This Is Russia* is one of the more interesting non-music programs—it's a magazine-style program that focuses on Russian culture, the arts, education, and other similar topics. The program provides information about the customs and traditions of Russia's many nationalities and takes listeners on a trip across the country, letting them know more about cultural and other happenings in Russia.

A recent program featured an interview with a Russian university leader and celebrated the anniversary of the birth of Russia's most famous poet, Alexander Pushkin. Unlike some **Voice of Russia** programs, *This Is Russia* doesn't sound like someone reading from an encyclopedia. Until the end-of-March time change, *This Is Russia* airs in North American shortwave serve Mondays 0308 and Saturdays 0430. *This Is Russia* airs in the live Voice of Russia webcast Mondays 0308 and 0808, Tuesdays 0608, Wednesdays 0708, Fridays 0608, Saturdays 0408, and Sundays 0508 and 0808. Each week's edition can be heard via the World Radio Network archive in the Voice Of Russia Monday "0400" broadcast; "fast-forward" to the 7-minute mark to hear the program. It appears what is listed as the 0400 daily program on the WRN schedule is actually the 0300 hour, based on a recent listen. Also, for what it's worth, the schedule listed as the "0900" broadcast is actually the 0800 broadcast. The World Radio Network website is <http://www.wrn.org>; the new Voice of Russia website is <http://www.ruvr.ru>.

Perhaps the longest-running mailbag show is *Moscow Mailbag*, hosted for many years by the now-deceased Joe Adamov. It was Adamov, in the early days of *glasnost*, who admitted on-air that then-**Radio Moscow** aired knowingly misleading, factually incorrect programming. *Moscow Mailbag* carries on the Adamov tradition, featuring a mix of letters that seek out more information on Russia, versus letters about the radio station itself. Unlike some **Voice Of Russia** programming that serves as a mouthpiece of the Russian government, the hosts of *Moscow Mailbag* seem unafraid to share their own personal views, even if they don't put Russia in a favorable light. North American shortwave airings for *Moscow Mailbag* include Mondays 0108, Tuesdays 0408, Wednesdays 0308, Fridays 0408, Saturdays 0308, and Sundays 0108. Live webcast airings include Mondays 0508, Tuesdays 0408, Wednesdays 0308, Thursdays 0608, Fridays 0408 and 0708, Saturdays 0308, and 0608, plus Sundays 0608. WRN's archive would include the "Wednesday 0400" archive.

## Radio Havana Cuba—shortwave holdout

There are very few international broadcasters who target North America that do not offer some programming via web streaming, but **Radio Havana Cuba (RHC)** remains one of those with minimal streaming audio capabilities. While I tend not to listen to RHC all that often because I find their prioritization of news stories to be somewhat tiresome, there are other programs that are worth a listen.

RHC remains generally easy to hear in Eastern North America, as long as their transmitters are working properly. RHC offers two hours of English language programming each day; three of the daily releases (0100, 0300, 0500) offer all two hours, and two releases (2030, 2300) only offer one hour each day.

The first half-hour of the one-hour and two-hour releases contain the news and current affairs program that I'm personally disinclined towards; the second half-hour contains features such as **Caribbean Outlook** (Tuesday and Friday), **Dxers Unlimited** (Wednesday and Sunday, hosted by Arnie Coro), the **Mailbag Show** (Thursday) and **Weekly Review** (Saturday). These days are for the 0100, 0300, and 0500 releases; these air the previous UTC day in the 2030 and 2300 releases. The second hour features **Spotlight on the Americas** Tuesdays–Saturdays at 0210, 0410 and 0610 UTC.

Best frequencies include 6000 and 6180 for the 0100, 0300 and 0500 broadcasts; 9550 for the 0500 and 2300 broadcasts; 9505 at 2030.

### It works both ways...

Quite often you hear broadcasters (and NASWA columnists) lament that they don't hear from listeners as often as they'd like. It works both ways...a contributor contacted Glenn Hauser and mentioned that he'd e-mailed **Radio Budapest** to tell them

that their 0200 UTC shortwave frequency wasn't propagating well to North America, but hadn't heard from Radio Budapest over the two weeks after he sent his e-mail, nor was there any indication Radio Budapest had changed to a more useful frequency.

Broadcasters who invite listener contact should hold up their end of the bargain and follow up with listeners who take the time to get in touch, especially when propagation is making their broadcasts hard to hear. (Source: Kraig Krist via *DX Listening Digest*)

## BBC World Service highlights

*Ghana—Winds of Change* is a two-part Monday **Documentary** series that enters its second week as the *Journal* arrives in your inbox. The March 5<sup>th</sup> edition looks at the years after the downfall of charismatic leader Kwame Nkrumah. While Ghana enjoys double the per capita output of poorer countries in the region, the income of its citizens remains among the lowest in the world. 45% of the population lives on less than a dollar a day and 79% on less than \$2 a day. Best shortwave air times include 1406 (Africa), 2106 (Africa).

**Free At Last: The Beginning of the End of Slavery** is three-part documentary series beginning Monday, March 12<sup>th</sup>. The abolition of slavery has long been regarded as the result of the work, energy and goodwill of white men, something for which black people owed a debt of gratitude. Actor Bert Caesar addresses the issue from another perspective, exploring the role of black people in abolition's history. In a fictional discussion, the program hears from some of the men and women whose lives or works added to the impetus for abolition. William Wilberforce, leader of the parliamentary campaign against the slave trade is resurrected to host an imaginary dinner for black abolitionists from history. Key 19th century campaigners Frederick Douglass, Olaudah Equiano, Ignatius Sancho and Harriet Jacobs discuss the rise and fall of

the trade on Monday, March 19<sup>th</sup>. Shortwave airtimes are the same as shown for *Ghana—Winds of Change*.

In a related series, *Close Up* explores *The Music Legacy of Slavery* in a three-part series. Speaking to musicians and historians in America, India, Sierra Leone and Venezuela, Rita Ray presents new research that uses juxtaposed songs, rhythms and dances from different countries to illustrate the musical roots they share. Program topics include the influence of Nkumba, Maringa, and Merenge, African rhythms on modern dance music; the massive effect of the stringed instruments and vocal performances of the slavery age on today's music; and the role of African music in religious and mystical music. Shortwave airtimes include Fridays 2132 and Saturdays 2232.

The Wednesday documentary series *Rice Bowl Tales* examines the cultural and economic significance of rice and the current threats to traditional modes of rice production in Bangladesh, China, Japan and Thailand in a four-part series beginning Wednesday, February 28<sup>th</sup>. Each week the program visits a different country; China, then Thailand, Bangladesh and Japan. Each country's challenges are unique, ranging from disgruntled third-generation rice farmers in Thailand to the role of rice in malnourishment in Bangladesh to the Japanese preference for domestic rice, even though it is priced three or four times higher than the rest of Asia through tariffs. Best shortwave times include Wednesdays 1406 and 2106; Saturdays, 2206.

On March 10<sup>th</sup>, if you aren't Festing with us in Kulpville, *BBC World Drama* airs *Free Juice For All*, the work of seven Africa writers, each of whom wrote a short play set in their own country. The plays combined add up to a single narrative, the story of 50 years of African history. *Free Juice For All* is the story of Mama Benz, a car bought on the eve of independence, then driven, lost, found and sold across the continent for the next 50 years. Writers from Uganda, Nigeria, South Africa, Ghana, Sierra Leone, Rwanda and Kenya each contributed short works woven together into a single narra-

tive. African shortwave air times include Saturday 2106.

Presenter Harriett Gilbert talks to Jain Banks about his celebrated first novel *The Wasp Factory* in *World Book Club* on Tuesday, March 27<sup>th</sup>. In this monthly program, writers talk about the chosen work, give a reading from it, then throw themselves open to questions and feedback from a studio audience, and letters, phone calls and e-mails from readers worldwide. Shortwave airtimes to Africa include Tuesdays 2132. Contact the program via e-mail at [worldbookclub@bbc.co.uk](mailto:worldbookclub@bbc.co.uk) to pose your questions.

Don't forget one of the BBC's regular features, *Global Business*, in which Peter Day looks at new "mega" trends in business at a global level. Best shortwave airtimes include Tuesdays 1406, Sundays 1506 and Tuesdays 2106. *Global Business*, like nearly all BBC spoken word programs, are archived for on-demand listening for seven days, overwritten by each successive edition of the program.

## Program previews via e-mail

Many broadcasters send out advance information on programming topics; sometimes these cover one-week intervals, sometimes the look only one or two days ahead. The CBC, BBC World Service, Deutsche Welle, Australia's Radio National, Radio Sweden and Radio Netherlands are among the broadcasters who send out daily or weekly newsletters. I'll have more on these in the coming months; the BBC even embeds links to audio "highlights packages" that briefly touch on interesting programming subjects. There are audio previews for many individual programs featured in each week's e-mail.

## In conclusion...

Hope you enjoy the SWL Fest! See you there!

Richard



# Shortwave Center

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

*This month we have a rather eclectic collection of articles and news items. With the days lengthening—and an earlier start to DST beginning this month—the winter DX season is rapidly drawing to a close. Nonetheless, these radios of ours work throughout the year in all kinds of weather and there's always a chance we're going to hear something truly new and interesting. That's what keeps us tuned in, no?*

## External Service of Bangladesh Betar— Update

Sheikh Arif Bulbon in *The New Nation*, Jan 15, via Gupta via DX Window No. 316

The external services of Bangladesh Betar, which are aired on SW in Bengali and five other languages, are now in a miserable condition due to degradation of the quality of signals from its old SW transmitter. The poor transmission from Savar, where the old short-wave transmitter is situated, is the only responsible for above condition of the external services. But the external services were the most popular among the listeners of the South Asia and countries of the Middle East, said an official of Bangladesh Betar. The external services of Bangladesh Betar had become popular in India, Pakistan, Nepal and the Middle East during the War of Liberation of Bangladesh. Now it has lost most of its listeners due to its poor services, he added.

"The quality of transmission has remained poor for two years. The signal has become too weak to receive. But the authorities are not willing to address the problem," said the official. The technicians, who are working at the transmission point, are not careful of maintenance of program schedule and non-repetition or exchanging of the programs, he added.

It has also become difficult for Bangladesh Betar to run programs of the external services, as it is difficult to find people who are expert in the communications in those languages, said another official. Generally

Nepalese and students of Arabic Department of Dhaka University are engaged in the programs of the external services in Bangladesh Betar.

"Due to unavailability of artists in foreign languages, we are facing problems to run the programs," said the official.

**The quality of  
transmission has  
remained poor for  
two years.**

**The signal has become  
too weak to receive.  
But the authorities are  
not willing to  
address the problem**

He also said that they were thinking to talk with the authorities to replace the present transmitter. News bulletins, commentaries, press comments, economic reviews, talk shows, weekly magazines, songs and advertisements on women and children issues are the main programmes of the external services of Bangladesh Betar. All these programmes are aired on 7185 at 1315-1730 and 1815-2000 UTC.

# Bandscan analysis of Radio Handbooks for 2007

by Anker Petersen, Denmark, January 18, 2007.

© DSWCI. This article may be fully quoted, if the source is mentioned.

Again this year the publishers of the 2007 editions of the *World Radio TV Handbook* (WRTH), Nicholas Hardyman, UK, and of the *Shortwave Frequency Guide* (SWFG), Joerg Klingenfuss, Germany, sent me review copies of their latest Handbooks for a comparative analysis. Furthermore Michael Schmitz sent me a review copy of the German language *Sender & Frequenzen 2007* (s&F) which I will add to this analysis, although it is entirely intended for German speaking listeners in Central Europe without the same global coverage as WRTH and SWFG. On 29 October 2006 the B06 winter schedules became effective. I received the handbooks in December and have now analyzed and compared their value to the SW broadcast dxer.

The WRTH 2007 (61<sup>st</sup> edition) has 688 pages this year, including 80 in full colour. The first article is about contributing editor for almost 50 years, Bengt Ericson, Sweden who is now also a member of the DSWCI. The WRTH Receiver Reviews 2007 describes the notable Etón E1, PCR1500 from Icom and the software-defined receivers SDR-1000 and WinRadio G305. The antenna tests cover a.o. Welbrook ALA-100. Then follows an article about the future of radio and broadcasting in the Pacific since 1894. Finally, before the maps is a digital update and George Jacob's forecast on SW reception conditions in 2007.

On pages 81–688 are the fully updated sections with all details about National and International Radio, MW and SW Frequency Lists, International broadcasts in English, French, German, Portuguese and Spanish, on page 630 a useful list of current DRM International Broadcasts followed by Television and References.

The SWFG 2007 (11<sup>th</sup> edition) contains 472 pages in English (280 about Broadcasting and 192 about Utility stations). The Broadcasting part begins with an article about DRM including an up-to-date list of DRM schedules on LW, MW and SW. It is followed by the SW comprehensive frequency list which for each frequency contains a line for each broadcast. That includes exact times, transmitter site, language and target area. The Country section contains the same data listed by Station, but without details like addresses, QSL info, geographical coordinates, etc.

At the same time Klingenfuss has published the *2007 Super Frequency List* (SFL) on a CD-ROM with the same 9,100 Broadcast frequencies and 9,500 utility frequencies plus 20,700 formerly active frequencies. This modern tool is very easy to use on a PC using Microsoft Windows and has excellent search functions for specific frequencies, countries, stations, languages, call signs and times—or any combination thereof!

s&F 2007 (24<sup>th</sup> edition) has a total of 576 pages, all in German. Its comprehensive Country section takes 303 pages which include many details about the stations, many photos and usable listening tips. For an English speaking reader it takes a little time to find the countries, e.g. if you would look in the index under C for the Czech Republic, you have to search under T for Tschechische Republik! On the yellow pages 321–352 are listed broadcasts in German, English, French, Spanish, Russian, Esperanto and Latin, plus satellite broadcasts in German and English. On pages 355–412 are program guides on German and English broadcasts in time order. A frequency list 150 kHz–30 MHz covers 48 pages and is followed by 29 pages about satellite radio, including a long frequency list. Internet radio and podcasting is then dealt with on 21 pages. Clandestines, pirates and propagation is also covered before a review of world band receivers and antennas at the end.



## Spotcheck by bandscanning

As in my analysis a year ago, I did not choose the traditional way of reviewing each section in the handbooks. Instead I scanned through the shortwave bands at the end of December, selected 50 broadcast stations at random and identified them 100%, no matter what language.

I then checked in the three handbooks, if each particular broadcast heard, was mentioned in the country section and in the SW frequency list with the essential details of station name, frequency, scheduled at that time, exact language and site of transmitter. Half of the SW stations carried domestic broadcasts, and half of them international broadcasts. For further details on any of my results, please contact me.

## Analysis

I consider the five details mentioned above to be *essential* for the DXer during his listening and identification of the transmitter and

broadcast. Thus it was checked for each logging, if the handbooks have *all* these *essential* details and they are correct. This is then marked "+" in my detailed analysis. If one is missing, the column got a "-".

I still consider it *useful*, if the Handbooks also can provide the DXer with additional information about geographical coordinates for his propagation calculations and Google Earth search, and ID in the language heard. Furthermore it is necessary to know current addresses (postal, e-mail and web) and OSR policy for his reception report writing.

Most of these *useful* details can be found in the WRTH and S&F, but they are still missing completely in the SWFG!

## Comparison

I then counted how many essential details were correct for the 25 international and 25 domestic stations heard. The results were: (each figure out of  $5 \times 25 = 125$  possible):

	WRTH		SWFG		S&F	
	Int'l	Domestic	Int'l	Domestic	Int'l	Domestic
Analysis result	125	122	122	119	80	99
Sum (Max. 250)	<b>WRTH</b>		<b>SWFG</b>		<b>S&amp;F</b>	
Analysis result	247 (99%)		241 (96%)		179 (72%).	

The WRTH and the SWFG contain nearly all essential details. The reason for the rather poor results of S&F in my comparative analysis is that in most cases either broadcasts in the language heard or the transmitter site, or both, are missing. But it has probably not been intended by the editors to include them. Those schedules mentioned with frequencies and times are OK. To illustrate this, I can mention two of my loggings:

Voice of Russia was heard on 7170 kHz at 0045 with Portuguese to Brazil via the Samara transmitter and Radio Cairo, Abis,

on 15810 kHz at 1235 in Indonesian. Both broadcasts are fully described in WRTH and SWFG whereas they only are mentioned in S&F in the frequency list (without transmitter sites). In the S&F country section these stations have schedules for German and English broadcasts to Europe (Radio Cairo also in French), but no other languages.

Please be aware that changes in broadcast schedules occur nearly each day and also during the period from the editorial deadline till the printed handbook reaches the listener. It has always been so. Because of this, it is impossible to achieve a 100% score!

## Conclusions

It is evident that the editors of all three handbooks once more have done a tremendous work to gather up-to-date broadcasting schedules and other information for the B06 period and all have succeeded in this! Each of the handbooks is useful for the DXer and ordinary shortwave listener. The details published are at a very high accuracy level and can hardly be much better!

An important feature when searching for and identifying broadcast stations, is their complete frequency schedules, so that all parallel frequencies can be checked. The schedules are easily available and very complete in the WRTH and SWFG and on the SFL.

The SWFG is a frequency list with SW schedules, but without any other details about the stations. I prefer the SWFG when I scan the SW broadcast bands, because the current schedule and language is available at each frequency. But I am afraid that the ordinary broadcast DXer does not have any use of the many utility pages, so I suggest again this year that the book is split up into two cheaper publications in the future.

In contrary to the SWFG, the WRTH and S&F also contain LW, MW, FM and some TV information.

Therefore I use these handbooks when I DX on the bands mentioned or need more information about SW stations.

All three handbooks have complete agreement between the information in the country sections and in the frequency lists.

I must state that all three handbooks are very comprehensive, up-to-date and accurate and absolutely worth purchasing by the active shortwave listener and DXer! It requires hard work by many experienced people to edit and publish such high quality products year after year!

## Where to get them

The new WRTH costs 23.00 GBP, including worldwide postage, from the Publisher in England ([www.wrth.com](http://www.wrth.com)) or 34 Euro (+ postage) from Hein Radio Bookshop, Germany ([www.radiobookshop.de](http://www.radiobookshop.de)). The SWFG costs 40 Euro including worldwide surface mailing from the publisher, Klingenfuss. The SFL costs 30 Euro, but the package price for SWFG + SFL is only 60 Euro. More details at [www.klingenfuss.org](http://www.klingenfuss.org). Hein Radio Bookshop also sells the S&F 2007 for 25,90 Euro (+ postage).

## Mexican Radio Stations Hijacked

Striking teachers supported by students and leftist organizations in Oaxaca, Mexico, hijacked and operated two AM stations in the second half of 2006, XERPO on 710, La Ley del Pueblo (ex-Radio Variedades) and XEUBJ on 1400, Radio Universidad, "mil watts de potencia proletaria y popular".

Earlier, the striking teachers had been making their voices heard on an FM station, Radio Plantón, "poniendo ideas en tu conciencia", on 92.1 MHz. Reportedly, this station was later seized by the authorities.

In their opposition of the local government, the strikes were joined by Zapatistas and other leftists in a group called APPO, Asamblea Popular de los Pueblos de Oaxaca.

On Oct. 26, the El Financiero newspaper reported the appearance of an FM station on 99.1 supportive of the governor of Oaxaca state. The station, called Radio Ciudadana, La Voz de Oaxaca, was using a news format resembling that of the oppositional station on 710, said the news report.

By that time the 710 station had been returned to its legal owners. The University station remained on the air with its inflammatory speeches until local jamming made reception impossible.

By early January it seems that things in Oaxaca are back to normal. La Voz de Oaxaca, Radio Universidad and Radio Plantón, can be found on their usual web sites, but not on

the band. And there is no longer any Radio Ciudadana on the dial apart from one in the nation's capital, which is operating on 660 kHz with 50 kw. It supersedes La Candela, sabor tropical (WRTH 2006 has the name and slogan wrong).

Henrik Klemetz (using internet information and an audio file submitted to the RealDX yahoo group by Jim Pogue).

## World's First Missionary Broadcasting Ministry Changes Name; HCJB World Radio Becomes 'HCJB Global'

Contact: Alex Coffin,  
704-364-2942,  
alexcoffin@mindspring.com

COLORADO SPRINGS, Colo., Jan. 9 /Christian Newswire/—HCJB World Radio, the world's first missionary broadcasting ministry, which also has developed an international medical outreach, has changed its name to "HCJB Global," the organization announced recently.

The ministry also named its media ministries "HCJB Global Voice" and its healthcare ministries "HCJB Global Hands."

"We feel as we move into the future and expand the incredible dynamic between media and healthcare, the HCJB World Radio name did not accurately portray this vision," said HCJB Global President David Johnson. "We will work to develop leaders and mobilize missionaries as we serve the world through HCJB Global Voice, our media arm, and HCJB Global Hands, our healthcare ministry."

At the same time, HCJB World Radio Engineering Center in Elkhart, Ind., has become the HCJB Global Technology Center, focusing on the provision of quality assistance through consulting, service and engineering development wherever technological solutions play a role in the advance of the gospel.

The new names, along with new logos, were launched at Urbana 06 in St.

Louis, Mo., in late December. HCJB Global will formalize the name change in a dedication event at the ministry's newly named Ministry Service Center in Colorado Springs later this month.

"This is a major change for our ministry, because it is far more than skin deep. Our new name reflects major changes in our vision and focus as we work to integrate media and healthcare ministry around the world," said Communications Director Jon Hirst. "As we moved toward the name change, we found that our friends and supporters wanted us to retain the call letters of our first station radio station—HCJB—that we established 75 years ago in Quito, Ecuador. In maintaining the name, we are honoring our heritage and building upon it."

### HCJB WORLD RADIO



GREAT IS THY FAITHFULNESS

For 75 years HCJB Global Voice has used shortwave radio, satellite, FM, AM, television and the Internet to deliver the gospel worldwide. For over 50 years HCJB Global Hands has been providing compassionate healthcare to those in the greatest need.

Since 1990 HCJB Global has enabled local partners to plant more than 300 radio ministries in 100 countries throughout Euro-Asia, North Africa/Middle East, Sub-Saharan Africa, Asia Pacific and the Americas.

HCJB Global's missionaries, pastors, broadcasters and healthcare providers use media, healthcare and training to work with part-

ners in more than 100 countries around the world to spread the gospel. Lives are transformed, so that people are engaged in the growing church, making an impact on their communities as they are empowered to use media and healthcare tools. The ministry is headquartered in Colorado Springs, Colorado. Its web site is [www.hcjbglobal.org](http://www.hcjbglobal.org).

<http://www.christiannewswire.com/news/310361893.html>

Alokesh Gupta

New Delhi

## Short Term Radio Memories—The Kiwi Radio Dial in the 70's & 80's

For Kiwis who listened to their AM radios way back in the 1970's, here's a real test of the long term memory...remember Radio Sam? How about, dare we say it, "Radio Bosom" [soooo respectable now as b95fm] or even Radio Yesterday?

The Radio Heritage Foundation features a memory jerker at its website [www.radioheritage.net](http://www.radioheritage.net), so check it out today.

Some 30 years ago, New Zealand airwaves bounced with summer sounds from short term radio stations like Radio Waikato's "Radio Sam" on the Coromandel, or the NZBC's Beach Radio from Paihia.

As the new university year began in March, Radio Ribbet burst forth from beneath the lily ponds at Otago University, Radio U from a concrete block at Ilam, Radio Active from somewhere on Kelburn Parade and, 1XB from a dark corner of Auckland University...and students were allowed freedom of the airwaves...for just a week or two.

A whole range of short term licenses were issued for all sorts of purposes, ranging from a few hours to a few weeks. Radio Rhema got its start with a few hours one day in

Christchurch...Maori radio from a "Maori Language Week" broadcast in Wellington... and university radio was born this way.

We've put some memory ticklers at [www.radioheritage.net](http://www.radioheritage.net), along with some nice images, logos and artwork from some of these stations that later blossomed into fulltime broadcasters.

Household name DJs got their start behind a microphone in a caravan on sports day, or from a rundown campus studio, or from judging beauty contests and talent quests at the beach.

If you, your family or your friends were involved with any of these many short term New Zealand radio stations, we'd love to hear from you. As part of our 2007 campaign "Celebrating over 85 Years of Popular Kiwi Radio" we're collecting as many photos, items of memorabilia, tape recordings and stories about these stations as we can find.

They may be just "short term memories", but the Radio Heritage Foundation gives them a permanent home at [www.radioheritage.net](http://www.radioheritage.net).

Write to us at Radio Heritage Foundation, PO Box 14339, Wellington 6241, New Zealand or send us an email to [info@radioheritage.net](mailto:info@radioheritage.net). Helping preserve and celebrate a fun part of New Zealand's cultural heritage.

*David Ricquish*

*Radio Heritage Foundation*

[www.radioheritage.net](http://www.radioheritage.net)

## Canada to Broadcast in Afghanistan

The Canadian military will begin radio broadcasts in Kandahar this weekend with an Afghan audience in mind.

Canada's RANA-FM, 88.5 on the radio dial, will spin modern Bollywood and Afghan hits considered "on edge" by Afghan residents, aiming for the 15- to 25-year-old audience.

Other programming includes news on international sporting events and features on Afghans living in other countries.

The Canadian studio of RANA-FM, a Canadian military-run radio station for Kandahar City, is shown in this DND handout photo from late December 2006. It will broadcast using Afghan-Canadian presenters.

"[We] want to give them pretty much a progressive station that plays a lot of music and promotes the Afghan way of life," said Capt. Robin Thibault, 32, of Montreal.

"It allows us to demystify what we're trying to do and accomplish in their area and help us to explain to people, better, who we are."

The station will also provide the commander of Joint Task Force Afghanistan, Brig.-Gen. Tim Grant, a means to talk to the people of Kandahar, although officials insist the station will not be a propaganda tool. 'Safe back home'

In a bit of a twist, the radio station itself is located in an unidentified city in Canada.

"We're located in Canada but linked into Afghanistan by satellite and basically we just rebroadcast the transmission," said Thibault.

Basing the radio station in Canada is simply part of security measures.

"The station is safe back home. It's because of the security threat that we're facing right now," said Thibault, who notes BBC Pashto already broadcasts into Afghanistan from London, while Voice of America comes from Washington, D.C.

"As you know, I think it was in April or May that an interpreters' bus was blown up on the way to Kandahar Airfield and that's what we're trying to prevent," he said.

The 300-watt radio station will have limited reach by Canadian standards but should be strong enough to hit all of Kandahar City since it is "half the size of west island of Montreal but with a greater populace."

The call letters, RANA, is a Pashtun-Dari word that means light.

"Our slogan is 'Light in your Life,'" Thibault said.

"We want to be a factual, unbiased radio station so we need to be credible, ... we cannot be Western or push Western views or values," Thibault said.

<http://www.cbc.ca/world/story/2007/01/03/radio-afghanistan-070103.html?ref=rss>

Ken Kopp—KKØHF—via dx Listeners Digest (dxld.com)

# Radio Marti on Domestic MW in USA?

George Zeller writes...

"This one was sent to me by a Monitoring Times reader and contributor. Democracy Now is a syndicated left wing domestic USA political program, which is the source of this story and transcript. Are their charges that Marti is on MW in Florida, and thus is in violation of the prohibition of the USA government from domestic broadcasting, actually valid charges?

<http://www.democracynow.org/article.pl?sid=07/01/10/151208>

Wednesday, January 10th, 2007

## Should State-Run Media Be Broadcast in the United States? A Debate on Radio and TV Marti Airing in South Florida

The Bush administration recently reached deals with two South Florida commercial Spanish-language TV and radio stations to broadcast Radio and TV Marti. The Martis are run by the U.S. government and have historically been beamed into Cuba as part of an effort to overthrow the Castro government. The deal comes despite a U.S. law prohibiting broadcasting of propaganda inside the country. We host a debate on the issue. [includes rush transcript] The watchdog group—Citizens for Responsibility and Ethics in Washington—has called for a Congressional investigation into whether Radio and TV Marti can be broadcast over the commercial airwaves in Southern Florida. The Martis are run by the U.S. government and have historically been beamed into Cuba as part of an effort to overthrow the Castro government.

The Bush administration recently reached deals with two South Florida commercial Spanish-language TV and radio stations to broadcast the Martis. The government is paying the stations almost \$200,000 to air

a daily hour of Radio Marti programming for six months. This is despite a U.S. law prohibiting broadcasting of propaganda inside the country. Radio and TV Marti have also come under fire for mismanagement and corruption. In November, a senior TV Marti executive was indicted by federal prosecutors in a kickback-for-contracts scheme. The Inspector General's office has already launched a review into the operations of the Office of Cuba Broadcasting which oversees the Martis. And Massachusetts Congressman William Delahunt—who is slated to head the Oversight and Investigations subcommittee for the House International Relations Committee—has promised to hold hearings on the Martis later this month.

We host a debate on the issue:

- Joe Garcia, director of the Hispanic Strategy Center at the New Democratic Network. He is the former Executive Director of the Cuban American National Foundation and a current board member.
- John Nichols, professor of communications at Penn State University. He specializes in international communications and telecommunications policy. Nichols is the co-author of the book, *Clandestine Radio Broadcasting*.
- Joe O'Connell, director of Public Affairs for the International Broadcasting Bureau—the US Government Organization that oversees Radio and TV Marti, as well as the Voice of America.

## Transcript

AMY GOODMAN: Today, we are going to debate the issue. Joe Garcia is with us, director of the Hispanic Strategy Center at the New Democratic Network. He's also former executive director of the Cuban American National Foundation, known as CANF. He joins us in Washington, D.C. On the phone with us is

professor John Nichols. He's a professor of communications at Penn State University, focuses on international communications. He is co-author of the book, *Clandestine Radio Broadcasting*. Joe O'Connell is the director of public affairs for International Broadcasting Bureau, which is the US government organization that oversees Radio and TV Marti, as well as Voice of America. We welcome you all to Democracy Now!

Let us begin with Joe O'Connell, director of public affairs for International Broadcasting Bureau. Can you tell us what the plan is for Radio and TV Marti in Southern Florida?

JOE O'CONNELL: Well, starting last month—I think around December 18<sup>th</sup>—TV and Radio Marti, as you just said, began broadcasting one hour a day, respectively, on two South Florida stations—WAQI-AM, which is also known as Radio Mambi and which is the only 50,000-watt overnight Spanish-language station in South Florida; and then for TV, WPMF, which is channel 38, TV Azteca station, and which also broadcasts into DirectTV via that same channel. So that gives us one hour, Monday through Friday, on radio and one hour, Monday through Friday, on channel 38 and also simultaneously on DirectTV into Cuba.

AMY GOODMAN: And the issue of the Smith-Mundt Act, the act that says that US propaganda that is made for overseas audiences, whether it's Radio Free Europe, Voice of America, or Radio or TV Marti, cannot be broadcast in the United States?

JOE O'CONNELL: Right. Actually, the law, or the clause of the law you're citing, is from 1948, the so-called Smith-Mundt Act. It doesn't use the word "propaganda." It simply says "material." And the reason why that clause was added back in 1948 was because the representatives of American media of the time, which was mostly newspapers and wire services and radio, came forward and said that they didn't want to compete with a government news organization, and so that has stayed on the books through all of

the technology, which we now know about, most recently, of course, the internet.

And so, these—VOA itself has long had a website. TV and Radio Marti have websites, notwithstanding the fact that the clause says that you can't broadcast into the United States. It's the same—the logic is the same with shortwave, which is what VOA's original broadcast medium was, that shortwave was available in this country to anybody who had a shortwave radio. Satellite TV is available to anybody who has a satellite dish. And the internet's available to anybody that has a computer. But the intended audience for these broadcasts is overseas, in this case Cuba.

AMY GOODMAN: John Nichols, Penn State University professor, your response?

JOHN NICHOLS: Well, it's throwing good money after bad. These stations have been on the air for a very long time, and they're a colossal waste of the taxpayers' money. And this new gimmick, like all the previous gimmicks, is not going to change the basic equation that the stations are, for the most part, not heard or seen on the island, are ineffective in achieving us foreign policy goals—indeed, they're counterproductive—and on top of that, just for the sugarcoating, is they violate our treaty obligations under international law. So, again, good money after bad.

AMY GOODMAN: What are those treaty obligations?

JOHN NICHOLS: Pardon?

AMY GOODMAN: What are those treaty obligations?

JOHN NICHOLS: Well, they're very complex, and probably don't want to go into great detail on them, but essentially what they say is that nations have the sovereign right to govern their own domestic broadcasting systems, and in the same way that the United States would be displeased and go to

the international bodies if Canada or Mexico presumed to dictate what's on the air in our own country, Cuba has the same rights.

AMY GOODMAN: Joe Garcia is in the studio in Washington, D.C. with the New Democratic Network, formerly executive director of Cuban American National Foundation. Many people might be surprised to hear that you are opposed to Radio and TV Marti, because CANF is known for its fierce anti-Castro activism.

JOE GARCIA: Well, let's take a step back. I'm not opposed to Radio and TV Marti. The organization I still sit on the board of, though, was very supportive of the legislation that created both. What I am opposed to is, first of all, Mr. O'Connell's characterization. These are stations that produce information for Cuba, and yet they are being used to broadcast in South Florida. What Mr. O'Connell doesn't tell you is that on the same wavelength that Radio Mambi transmits 50,000 watts, Cuba has Radio Rebelde, a 100-watt radio station, which is the most powerful in Latin America. If the antenna of the station that they are transmitting on were located in downtown Havana, you still wouldn't be able to hear it. So I agree that this is throwing good money at something that is going to have no effect whatsoever, so it's wasting money.

And where I think Radio and TV Marti have failed is that they have become nothing more than a political patronage setup in South Florida for the Republican Party, as opposed to the very important things that were created by Radio Free Europe and Voice of America, which were an objective information in societies that were closed. And unquestionably, that is not what Radio Marti is achieving today. In fact, it is descending into ridiculous bickering like this, where it is transmitting to local Cuban Americans, as opposed to meeting its missions and its objective, which is to put information inside of Cuba.

And I want to stress two things. The issue about TV Marti transmitting over DirecTV, it

could have bought time in a TV station in Utah and done the same thing. They picked South Florida, because they want to transmit also to the Cuban American community the production and the material that they're doing, which isn't the purpose of this, and they are flouting the law. And secondly, the very fact that they could have picked a whole myriad stations that are located in South Florida to transmit directly to Cuba, and they didn't do that. What they did is they picked one station, which will not get into Cuba and will simply have effect locally, in terms of the Cuban American population.

JOE O'CONNELL: Well, Joe, you probably also know that there's nothing new here. Ever since Radio Marti went on the air in 1985, it has broadcast on both shortwave and medium-wave, or AM, the AM transmitter being in Marathon Key.

JOE GARCIA: Right.

JOE O'CONNELL: And that's always been audible in South Florida.

JOE GARCIA: Absolutely, and I've listened to it.

JOE O'CONNELL: Just as the TV has been, ever since it went on the air in 1990 to people who have dishes. So there's nothing really new here. On the angle that this is somehow aimed at Cubans in South Florida, you know, I guess you could make the argument it's been aimed at them all along, because this is not anything new.

JOE GARCIA: Joe, the difference here is maybe one out of ten Americans have shortwave radio and could find it.

JOE O'CONNELL: But I'm talking about medium—I'm talking about AM out of Marathon Key. I'm not talking about shortwave.

JOE GARCIA: Right. And in Dade County, that AM station is inaudible, as most Cuban stations on the island are very difficult to pick up. I tell you, as someone who lives in South Florida who monitors TV Marti, but you have



to use the internet to do it, which is not a particularly easy thing. And secondly, you know, Joe, what's sad is that the mission of Radio and TV Marti, which I—and I believe you believe, and I disagree with the professor—are important and should be followed. We are engaging in an absurd spectacle of spending \$400,000 to spend an hour of programming on both medium, which will have absolutely no effect, and simply puts TV Marti's administration and purposes into more doubt and creates more argument that will lead to, not more funding, but less funding, not more effectiveness, but less effectiveness, and in the end will have achieved none of the purposes that were there.

Of course, of course that I could have picked up Radio and TV Marti through the internet or through shortwave radio, but the truth is, most Cubans already have those mediums, and Cuban Americans in Miami would need a special effort to get it. And so, I think that we've done nothing but create more controversy in what is already a controversial program, which I believe you and I favor its mission. Unfortunately, by doing this type of activity, all we've done is put it in further peril.

AMY GOODMAN: We're talking to Joe Garcia, director of the Hispanic Strategy Center at the New Democratic Network. We're also talking with Joe O'Connell, director of public affairs at the International Broadcasting Bureau. And we're joined by John Nichols, professor of communications at Penn State University, who has written about clandestine radio broadcasting. Where does Radio and TV Marti fit into that, John Nichols?

JOHN NICHOLS: What was the question?

AMY GOODMAN: How does Radio and TV Marti fit into clandestine radio broadcasting?

JOHN NICHOLS: It's not. It's overt broadcasting. It's not clandestine. There have been, of course, scores of clandestine stations operated by various exile groups and also by the Central Intelligence Agency that are broad-

cast into Cuba under the similar purpose of trying to overthrow the Castro government, but none of them are currently on the air. They've been off the air for some time.

AMY GOODMAN: John Nichols, can you talk about the history of Radio and TV Marti and Central Intelligence Agency and overall broadcasting in Cuba, the strategy of trying to overthrow Castro through broadcasting here?

JOHN NICHOLS: Well, the broadcast wars over the Straits of Florida are probably the most intense of any political broadcasting activity at any time in history, any place in the world. And it's probably a reflection of the longstanding conflict and hostility between the two countries. And I agree with Mr. Garcia. In the past we've disagreed on a variety of different issues, but I agree with most of the substance of what he said. And one of them is that if the purpose of these stations is to resolve problems, to improve the lot for the Cuban people and to resolve the considerable differences between Cuba and the United States, these stations clearly are not doing it. Indeed, there's strong indication that they're pushing it in the opposite direction. I also agree with Mr. O'Connell, to some extent, that this new flap is not a substantial change from the past but what it does, it just moves it along the continuum further and makes it more transparent how bankrupt politically these stations are and how much of a waste of the taxpayers' money that they are.

JOE O'CONNELL: Professor Nichols, if I could just interject.

AMY GOODMAN: This is Joe O'Connell.

JOE O'CONNELL: As you know, the Soviets jammed the Voice of America and the BBC and other Western broadcasters for 50-plus years. You know, I don't recall anybody suggesting that VOA stop broadcasting or that the BBC stop broadcasting into Eastern Europe and the Soviet Union because it was being jammed. I mean, those broadcasts continued, both for reasons of getting

through, which they did, and also because of their symbolic value, that people there, as we now know, knew that there was somebody outside who cared and was there. And so, that's one point. The other point is, I don't think we can ignore in this discussion the cost, the serious cost, for the Cuban government of this continuous jamming. I mean, one engineering estimate I've seen is that it costs the government—and that's from an energy-starved island, as we all know—it costs, they use something like 8.5 million watts an hour to jam both radio and TV. I mean, I'm told that's enough to power a small industrialized city. If these broadcasts are useless and no good and irrelevant, then why would they do that? I mean, I think that's a question. That's not the only answer, but that's a question.

JOE GARCIA: Let me break in, though, to what Joe is saying here, because I think it's tremendously important.

AMY GOODMAN: Joe Garcia.

JOE GARCIA: Yeah. First off, let's go back to the transmissions of Radio and TV Marti are tremendously important, and I believe they should continue. I believe the programming should get better. And I also want to agree with something that Joe said, one of the hallmarks of Radio Free Europe transmission was when the Iron Curtain came down, they asked Vaclav Havel how important the transmissions of Radio Free Europe was, and he said, "You might as well ask me how important air and water is to sustain human life." They were essential. They were a signal of freedom. I'm not against the transmissions of Radio and TV Marti.

What I am against is these illegal payoffs to local providers of content in South Florida, which are not going to reach Cuba, but are only reaching the Cuban American community. The station they have opted to pay \$200,000 to cannot be heard in Cuba, and it is the most rightwing Republican station on the dial. These guys do nothing more than parrot the position of the administration. And that's why I think the choice

Mr. O'Connell made is pathetic and absurd. And I'm not accusing him of doing it, but the administration of Radio and TV Marti, because in the end, what it is is a political payoff, and what it is is putting out Radio and TV Marti propaganda in the community to engage in a political debate that is not the purpose of Radio and TV Marti. There are an infinite number of Cuban American radio stations and Cuban radio station on the dial in South Florida, from the left to the right, who engage in this debate all the time.

What Radio and TV Marti's purpose is is not to engage in the debate, but to provide a window of freedom and opportunity to the people of Cuba, not to South Florida exiles. And that is where I think Mr. O'Connell has gone wrong. That is where the CREW motion, Citizens for [Responsibility and Ethics] in Washington, and Melanie Sloan are absolutely correct. What we've done is stepped into a violation of the law, which I think will have no benefit to Radio and TV Marti, will bring, again, more questions about what it does and how it operates, and, in the end, I think, will hurt both stations

AMY GOODMAN: John Nichols, your response.

JOHN NICHOLS: Mr. O'Connell raised three points. I'd like to quickly go through them.

AMY GOODMAN: That was Joe Garcia.

JOHN NICHOLS: John Nichols, yes. This is the issue of the cost of jamming on the part of the Cuban government. I am highly skeptical of those figures. Indeed, if it were true, the US government has figured out a way, not only to violate international law, but also to violate the laws of physics. And the cost to jam a station, particularly a TV station, is only an infinitesimal fraction of what it costs to broadcast. But we've been trying very hard to get those very engineering studies and have them publicly disclosed, so we could see. So I challenge Mr. O'Connell to release that engineering data, and so there can be a meaningful discussion about it.

The second point he raised about: the symbolism—even if the stations are not heard in Cuba, the symbolism of broadcasting to Cuba and comparing it to Voice of America during the Cold War. I mean, how about the symbolism of the United States being in knowing and willful violation of our international treaty obligations? The largest, most powerful country in the world, broadcasting to a small country in violation of international law, that is not good symbolism for our international reputation in difficult times.

JOE O'CONNELL: But interestingly enough, that's the same kind of thing that, you know, we used to hear from the Soviets, and even today from China, about interference in their internal affairs by broadcasting into those countries. I mean, we look at the UN Declaration of Human Rights, which says that everybody has the right to receive and impart information across or regardless of frontiers. So, if you're suggesting that somehow international broadcasting across borders is illegal, then I think that flies in the face of the history of international broadcasting throughout the Cold War and the recognition that it's been given that it was helpful.

AMY GOODMAN: That's Joe O'Connell, who oversees Radio and TV Marti. Professor Nichols, your response?

JOHN NICHOLS: It's an interesting legal discussion that we debate over and over again, but no matter. The relevant international body, the International Telecommunications Union, has repeatedly—this is the international judicial body that governs international broadcasting and makes the decisions in these kinds of disputes, and it has ruled repeatedly that the United States is out of compliance with its treaty obligations by broadcasting TV Marti and repeatedly tells the United States to cease and desist. And the United States repeatedly says, "Buzz off." So, it's not—the judge and jury have decided. We could debate about whether the judge and jury are right, but the decision has already been made.

AMY GOODMAN: I want to ask a quick question of Professor Nichols. Joe O'Connell talked about the Smith-Mundt Act as being put in place just so that commercial broadcasters wouldn't have to compete with government broadcasting. But wasn't Smith-Mundt actually put in place, because the US saw the power of state propaganda, because of the Nazis, and to guard against that kind of propagandizing of a home population.

JOHN NICHOLS: Yes, I believe that's true. I mean, Mr. O'Connell is partially right in saying that domestic media did not want to have competition, but you're correct, as well. There was a considerable part of the debate said that the United States, the Congress, did not want a taxpayer-funded propaganda arsenal turned against our own people, inherently undemocratic.

JOE O'CONNELL: If you look at the legislative history—

JOHN NICHOLS: In the 1940s, certainly they've been overtaken by the technology that Mr. O'Connell went through. And so, I'm not too sure those laws, although they're still on the books, are the major issue here.

AMY GOODMAN: Joe O'Connell, what does it mean for you that Congress member Delahunt says he's going to conduct hearings into Radio and TV Marti? How are you preparing for this?

JOE O'CONNELL: Well, we've already said that we welcome the congressman's announcement about conducting hearings, anyway, if not an investigation. I mean, we're happy and prepared to work with him and his staff. Speaking of laws, I wanted to get in that both of the pieces of legislation, the Radio Marti, the Broadcasting to Cuba Act, which is the original enabling legislation back in the '80s, which created Radio Marti, and then more recently the TV Marti Act, which created it in 1990, both contained language, one more clear than the other, but nonetheless language, which say that—or which authorize the US government to lease time on, quote, "other commercial or noncommer-

cial education AM band radio broadcasting stations if broadcast to Cuba on 1180 AM are subject to jamming or interference." The jamming, of course, is well established. Similarly, TV Marti—and this is referring to the section of the Smith-Mundt Act that we were just talking about, the so-called prohibition on domestic dissemination—it says that the Broadcasting Board of Governors, which is the parent agency of all US government-supported overseas broadcasters, shall, notwithstanding the section of the Smith-Mundt Act, shall provide for open communication of information and ideas through the use of television broadcast into Cuba. So we believe that we have the authority under these pieces of legislation to do this.

And the other thing I wanted to add is that the steps that were taken a month ago, or several weeks ago in mid-December, on—by way of putting the TV and Radio Marti on the local stations in or via the local stations in South Florida, these are just additional steps, as both Joe and Professor Nichols know. You know, the airborne TV Marti broadcast started back in August. The use of satellite has been in place for some time. I mean, these are various ways in which they're trying to get these broadcasts into Cuba, as has been recommended twice by the committee, the committee which—the name of—the Committee [Commission] for Assistance to a Free Cuba noted in both its 2004 and its 2006 reports.


AMY GOODMAN: Professor Nichols, your response, and we're going to have to wrap it here.

JOHN NICHOLS: I'm sorry, I couldn't hear the question.

AMY GOODMAN: Your response to what Mr. O'Connell is saying, and we're going to have to wrap up here.

JOHN NICHOLS: Well, I think he's correct that the language that might permit this kind of domestic blowback is there, certainly in the case of Radio Marti. But it's highly questionable in the case of TV Marti. But again, it skirts the issue of, even if they get the signal into Cuba, even if Cuba chooses not to jam, will the Cuban people embrace the voice of what Mr. Garcia appropriately describes is a station loaded with rightwing silliness? And I think it's highly doubtful. The Cuban people are not idiots. They know the difference between good solid, objective information that they used to get over Voice of America and the shrill political stuff that they get in Radio and TV Marti.

AMY GOODMAN: Well, we're going to have to leave it there. John Nichols, professor of communications at Penn State University, thank you for being with us. Joe O'Connell, director of public affairs for the International Broadcasting Bureau, which oversees Radio and TV Marti; and finally, Joe Garcia of the New Democratic Network, former executive director of the Cuban American National Foundation in Washington, D.C.

*That's it for this month. Hope to see you at the SWL WINTERFEST. If that's not possible, then definitely next month right here. And keep those cards and letters coming. 73!* 

---

**For faster service with membership dues payments, address changes, or missing bulletins, send all information to NASWA, 45 Wildflower Road, Levittown, PA 19057-3209. The email address for these things is [weoliver@comcast.net](mailto:weoliver@comcast.net). Please send articles and comments for the Musings section of "NASWA Notes" to Rich D'Angelo whose address appears on his masthead**

# Kim's Column

Dr. Kim Andrew Elliott • 5001 25th St. North • Arlington, VA 22207 • [ibcast@mail2kim.com](mailto:ibcast@mail2kim.com)  
<http://www.kimandrewelliott.com>

---

This column, with links, is available at this URL publicized only to NASWA members: <http://www.kimandrewelliott.com/index.php?id=955>.

## Dithering DRM

Hope to see you at the Winter SWL Fest. I'll be there, as in previous years, with a working display of Digital Radio Mondiale (DRM) shortwave reception. That is, if I can get some broadcasters to lay in some extra DRM transmissions at hours and on frequencies suitable for the Fest. And if I can get hold of some DRM capable receivers.

The DRM transmissions will probably materialize. But it looks like we won't have a standalone receiver. The Sangean DRM-40, the prototype of which worked very well in May 2006 at the National Association of Shortwave Broadcasters meeting, is not yet in production because there are "still problems with the DRM Module." The Morphy Richards DRM receiver, now being sold a few places in Europe, is not getting very good reviews. For one thing, it doesn't have an external shortwave antenna jack.

So, for receivers, we'll use our old standby: the Ten-Tec RX-320D. Hurray for U.S. manufacturing. The RX-320D is a good radio for analog or DRM reception. But I will have to schlep a laptop, and speakers, and maybe an external soundcard, and, oh yeah, a USB-to-serial adapter.

And when I get it all set up, I'll have to relearn the where the settings should be on the playback and recording mixers. At this point, someone at the Fest who actually understands DRM reception will come to the rescue.

This is late notice, but: if you have a DRM-capable receiver (with a 12 kHz IF output), or at least DRM know-how, please come to the Fest and help us out.

## Maybe SSB was the answer

Back when I was host of VOA's *Communications World*, I convinced IBB Engineering to put the program on one of the Greenville double side band communications transmitters (formerly used to feed relay stations). These usually provided very good reception in Europe. They were reduced carrier transmissions, but listeners with synchronous detection receivers could lock on to that reduced carrier. They were thus free of selective fading, and free of interference on the unused sideband.

(On one occasion, we transmitted VOA Europe on the DSB transmitter, left stereo channel on the lower sideband, right channel on the upper. Listeners with two ICF-2010's could hear stereo on shortwave.)

While DRM receiver technology struggles, synchronous detection is well established and does not require battery-sapping processor power. Shortwave broadcasters could agree to transmit upper-sideband only, reduced carrier. That would reduce required transmitter power, reduce interference, and provide very nice audio with no selective fading.

## Here come the internet radios

With fewer broadcasters transmitting on shortwave, more sources of noise vexing shortwave reception, and DRM struggling, we have to consider alternate methods to hear radio from abroad.

Streamed audio via the internet is one such method. In its early days, with our dial-up connections, internet audio was often what I call "near shortwave quality." Another complaint was that listening to radio via the internet required us to be where the household's PC was located. A portable shortwave radio, on the other hand, could be placed just about anywhere in the house.

Many of us have since made the plunge into broadband, so audio quality is improved. And if we have wireless networks, we can move elsewhere in the house to hear internet radio. Or to Starbucks or other wi-fi "hot spots."

As with DRM, standalone internet radios were slow to develop. Remember the no-show Kerbango? Now, however, internet radio appliances have made a promising entry into the marketplace.

Most prominent of these is the Acoustic Energy Wi-Fi Internet Radio. C. Crane sells it for \$300. Its specs claim compatibility with Real Media, MP3 and WMA formats. As its name indicates, you need a wireless network (and so I would have to buy a wireless access point for my fully wired broadband network).

The Roku SoundBridge M1001 sells for \$200. It allows either wi-fi or wired Ethernet connections to your network. But Real (.ram) and AAC+ streams are "currently not supported."

The Terratec Noxon internet radios are very handsome. Their specs do not include support for Real streams. And they seem to be sold only in Europe for now.

A very useful Wikipedia article describes other internet radios.

Internet radio can also be received on other portable wi-fi devices, including a category of products known as internet tablets. The Nokia 770 can receive internet radio, though it has received derisive reviews for its general functionality. (Example: "It does little, and badly.") The new Nokia N800 appears to be an improvement. I'm tempted to get one of these, although at \$400, spousal approval for such a purchase is unlikely.

The Sandisk Sansa Connect wi-fi MP3 player received much attention at the Consumer Electronics Show. It has internet radio capabilities, though probably limited in the formats it can support. Price is \$250.

PDAs with built-in wireless connections may be useful as internet radios, as long as their

software, their little processors, and their little amounts of RAM, are adequate to the task.

Among the PDAs in this category are the Palm TX (\$300), the HP iPAQ pocket PCs and "mobile media companions" (\$300 up), and the Dell Axim handhelds (\$300 up).

Wireless network cards can be plugged in to other PDAs to make them wi-fi connectable and, perhaps, internet radio doable.

Ultraportable laptops and tablet PCs can also serve as internet radios, but they are more expensive than the devices listed above. The much-heralded Apple iPhone will probably work as an internet radio, as will some of the other fancier mobile phones.

## OK, internet radio is not DX

Internet radio devices will not satisfy the hobby of DXing: pulling signals through the ether (not the Ethernet) from afar, with no wired intermediaries. The challenge and uncertainty of DXing is, for the most part, not present with internet radio. And so this new medium will not satisfy NASWA's primary purpose.

But for program listeners, internet radio devices are worth a look. Most of the international radio broadcasters have audio streams and, very conveniently, programs on demand. You can create a menu of links to your favorite stations and programs. Doing this is complicated by stations such as Radio Sweden that force you to open their websites, then click on a link to their proprietary player.

At the Winter SWL Fest, we hope to have at least the Acoustic Audio Wi-Fi Internet Radio on working display (if the hotel's wireless access is up to the task) and, later, as a raffle prize. If you have any of the internet radio capable devices mentioned above, or others, please bring them to the Fest and show us what they can do.

*Views expressed are my own. More at [kimandrewelliott.com](http://kimandrewelliott.com).*



# Listener's Notebook

Al Quaglieri • P.O. Box 888 • Albany, NY 12201-0888 • listenersnotebook@gmail.com

**ANGOLA** Hearing what might possibly be Angola on 7216.7 at 2100. Extremely weak and right down in the mud. 10 February (Lare-MI USA/DX Listening Digest/Hauser-OK)

**ANTARCTICA** 15476.0 **LRA36 Radio Nacional Arangel San Gabriel**, Base Esperanza, 1910-2106\*, Feb 14 and 16, but not Feb 15, talks in Spanish and contemporary folk music. (Bernardini, Hauser and Nigro). Very nice LRA 36 pictures on

[http://www.ejercito.mil.ar/antartico/B\\_Esp\\_superior2.htm](http://www.ejercito.mil.ar/antartico/B_Esp_superior2.htm)

(Slaen-Argentina, Feb 17/DSWCI DX-Window/Petersen-Denmark)

**BELGIUM (non)** Updated B-06 of TDP stations via RUS/CIS transmitters:

## *Denge Mezopotamya:*

0300-0500 Kurdish 7590 KCH, not active  
0500-1500 Kurdish 11530 KCH  
1500-1700 Kurdish 7590 KCH

## *Que Huong Radio:*

1200-1300 Vietnamese 15680 DB Mo-Sa

## *Tensae Ethiopia Voice of Unity:*

1500-1600 Amharic 11900 ARM

## *Radio Xoriyo Ogadenia:*

1600-1700 Somali 9445 SAM Tu

## *Andenet Le Democracy:*

1600-1700 Amharic NF 9445 SAM We/Fr/Su, retimed  
1700-1800 Amharic 7280 SAM Tu/Th/Su, deleted

## *Voice of Eritrea:*

1600-1700 Tigrigna 9485 SAM Th, deleted

*Voice of Ethiopian National United People's Front:*

1600-1700 Amharic 9445 SAM Fr, deleted

## *Dejen Radio:*

1600-1700 Tigrigna 9445 SAM Sa

## *Voice of Delina:*

1700-1730 Tigrigna 7335 ARM Mo-Fr

## *Radio Democracy Shorayee:*

1700-1800 Persian 7470 RUS or TDF transmitter Tu/Th/Fr/Su

## *Denge Rojhelat:*

1700-1900 Persian 7590 SAM, not active  
(DX Mix—Bulgaria)

**BOLIVIA** 3215 **Radio Virgen de Remedios**, Tupiza, 1040-1100, Feb 18, Spanish, relay WEWN, ID 1100 "...los oyentes de Radio Virgen de Remedios prepararse para asistir la santa misa...." Also tentatively heard 0010, Feb 17 with Spanish relay of WEWN. (Aragao in HCDX). Only WWCW audible here at 0420 on Feb 20. Ex 4545! (Petersen-Denmark/DSWCI DX-Window)

4728.2 UNID, I believe this is a new Bolivian station, 1035, Jan 23, Andean songs, short ann in Spanish and TC (UTC-4) (Slaen-ARG/DSWCI DX-Window/Petersen-Denmark)

6214 **Radio Amor de Dios**, El Alto, La Paz, 2240, Jan 31, new station with program in Quechoa. (Cate in Conexin Digital). Also heard at 2346 causing het with Argentinian Radio Baluarte, recently reactivated after a month of silence (but which I believe persists with modulation problems). (Nigro in DXplorer). El Alto means "The High." It is an expanding city of 800,000 poor Indians living in slum on a mountain ridge to the East of La Paz and 400 meters above it. I passed El Alto by bus an evening last November and saw its magnificent view over the Bolivian capital. By the way, the Indians in El Alto mostly speak Aymara, not Quechoa which is a completely different language. (Petersen-Denmark/DSWCI DX-Window)

**BRAZIL** 4755 **Radio Imaculada Conceio** has taken over Radio Educao Rural and broadcasts catholic programs. It is one more station of the catholic movement called Milicia da Imaculada. The Station on 4885 is inactive. (Cassio, Feb 09/DSWCI DX-Window/Petersen-Denmark)

**CANADA** Harold Sellers of the Ontario DX Association advises me that **CFRX** 6070 has been off the air for several months due to a transmitter fault and a damaged antenna. It will be springtime, at least, before they are back on. They are having trouble fixing the transmitter and need to replace the antenna feedline, and possibly the antenna itself (Chernos-CANADA, Feb 4, amfntvdx at qth.net/DX Listening Digest/Hauser-OK)

**CENTRAL AFRICAN REPUBLIC** 6099.714 **Radio Centrafrique** (t), 1440, 2/1507. CRI 6100 all over frequency; however offset of about 300 Hz enough to pick up occasional snatches of French on LSB (Herr, CA/NASWA Flashsheet)

**CHINA** Frequency changes of *China Radio International*:

- 0800-0857 French NF 11810 UNID transmitter, not via Spain, addit. frequency  
1500-1527 Persian NF 9765 KUN, ex 11700 // 6165  
1800-1857 Persian NF 7295 BEI, ex 9670 // 7140

(DX Mix—Bulgaria)

**CLANDESTINES** 6300.00 *National Radio of RASD*, Rabouni, Algeria, \*0700-0809 and 2125-2215, Feb 10 and 11, Arabic talks, native singing, ID // 1550 MW. It has been noted off the air on SW since then! (Mendez and Petersen/DSWCI DX-Window) RASD has been very irregular service on SW 6300 in past days. Noted on Wed, Thur, Sat,—on air. But missed Fri, Sun, Mon, and today Tue Feb 13. (Bueschel, wwdxc BC-DX Feb 13/BC-DX/Top News)

9445 *Andenet Ledemocracy* has changed to 1600-1700 on We, Fr and Su on this new frequency since Feb 14 (Maes via Krone), ex 7280 where I heard it Feb 08 1700-1745, strongly disturbed by the Voice of Vietnam (Krone-Denmark/DSWCI DX-Window/Petersen-Denmark)

11800 *Minivan Radio*, reading that Minivan Radio was going to close down on Jan 14 caught my attention because 2 days back (Jan 23) I heard it at 1600 on 11800. Just now today (Jan 25) I checked and it is there loud and clear. (Goonetilleke-Sri Lanka). Also heard 1615-1659\*, Jan 26, talks and speech in Dhiveri, mentioned "Minivan Broadcast." (Petersen-Denmark/DSWCI DX-Window)

**CONGO—DEMOCRATIC REPUBLIC** 6210 *Radio Kahuzi*, Bukavu, will temporarily be off the air as Rich and Kathy McDonald (station managers/operators) travel as guests of HCJB World Radio to the National Religious Broadcaster's convention in Orlando, Florida. HCJB has been Radio Kahuzi's partner for equipment since 1991. HCJB has chosen to honor the McDonalds for their years of faithful missionary radio service, and will present them with a special award Feb 19 at their HCJB Global Dinner. From Florida the SW transmitter will be making the journey with them to HCJB's Engineering Center in Elkhart, Indiana for repairs. Later, they will make a visit to HCJB's headquarters in Colorado Springs then on to visit their home office and the Smiths (Barbara and Harold) in San Marcos, CA before heading home Mar 05. Presumably the transmitter will be up and operating later in March. I will try and visit the MacDonald's and Smiths during the San Marcos visit as that is only 25 min from my house. Perhaps I can do a special article on Radio Kahuzi right from the "horse's mouth," so to speak. (Churchill in DX-plore, Feb 13/DSWCI DX-Window/Petersen-Denmark)

**ERITREA** 5100 *Radio Bana*, Asmara, 0410-0430, Jan 21, vernacular talks, poor/fair, but with good modulation. (Bernardini and Monferini, Italy/DSWCI DX-Window/Petersen-Denmark)

Jan 31 I received a post card from *Bana Radio*, Asmara, Eritrea. I sent them a reception report by snail-mail some two weeks ago about the reception on 5100. Not much info in the post-card. Here is what they say:

"Bana Radio, P.O. Box 609, Asmara City, Eritrea. 26 Jan 2007. Dear Jari, thank you for your interesting letter, we are very pleased to know you can hear us in Finland. Thank you too for the postcard and internet references. With best wishes, The English panel, Saada Ahmedin." (Savolainen in DXLD)

5100 *Radio Bana* "Educational Broadcaster Radio Bana observed on SW. BBCM observed a station IDing as "Radio Bana" on 5100 at 1455 on Jan 30. Vernacular programming was observed at tune-in, followed at 1458 by English program, "Academia" which was a profile of Nelson Mandela. Program concluded with the following ann: "Radio Bana is set to announce two new programs in English, as well as new times for our existing programs, "Academia" and "Eritrean Teachers Forum." The new programs are: "Focus on English" to practice English skills, and "Teaching World," a program for teachers in Eritrea. Both these programs include materials from the BBC. So, from Mo Feb 05, you can listen to one of our four radio programs in English every evening from seven till seven-thirty [local time, equivalent to 1600-1630 UTC]. We are also broadcasting on a new SW test frequency, 5.1 MHz, in addition to our regular MW frequency of 1089 kHz. Remember to listen at seven every evening." The station went off the air at 1531, following a closing ann in Tigrinya and the National Anthem. Radio Bana (Dawn) is operated by the Eritrean government, with programs in English and local languages produced by the Adult Education and Media department of the Ministry of Education." (BBCM research in RNMN via DX-plore/DSWCI DX-Window/Petersen-Denmark)

5100 *Radio Bana*, Asmara, \*0358.5-0503, Feb 12, 18 and 20, ID's in two Vernaculars and English: "This is Radio Bana. from the Ministry of Education in Asmara, Eritrea, broadcasting educational programs in English, every day from 7 to 7:30pm and in addition on Friday from 8 to 8:30am...6.30pm on Saturdays from 6.30 to 7pm on MW 1089 kHz and on SW on 5.1 MHz in the 60 metre band." Played the Radio Bana "theme" song in between ann during various ID's which were heard again at 0433 and 0503 (in Vernaculars). Right into Vernacular program consisting of local songs and short ann by alternative man and woman announcers. 0410 "Radio Bana. . . meter band" ID, and 0430 repeated twice, so ID-wise is DXer friendly, hi. (Bernardini, Krone, and Churchill using DX-Tuner in Sweden/DSWCI DX-Window/Petersen-Denmark)



5100 **Radio Bana**, Asmara, 1600-1631\*, Feb 09, English program "Eritrean Teacher's Forum," ann, feature on Brain storming in the Classroom" at 1603 presented by man and woman with three musical selections while teachers were to be contemplating answers to exercises. Had 7 questions about brainstorming with 7 answers. Discussion included material on concept maps (aka mind maps, spider diagrams, etc.) which happens to be one of my teaching interests in previous trips to Kazakhstan. Closing ann 1630 included mail address as: Eritrean Teacher's Forum, **Bana Radio**, Post Office Box 609, Asmara, Eritrea and tel no. of "12-55-46." At 1630.5 played an Eritrean group vocal which turned out to be a Bana Radio song with an abrupt sign off. (Churchill using DX-Tuner in Sweden/DSWCI DX-Window/Petersen-Denmark)

**ETHIOPIA** 9650 *Voice of the Tigray Revolution*, Mekl, 1500-1758, Feb 01, Vernacular talk, Horn of Africa music, ex 6350. Heard as well around 0600, Jan 27, very weak. Also on new 5980. This is a move from 5500. Presumably, like Radio Fana (now 6110/7210, ex-6210/6940), it has been forced to go in-band by the new licensing arrangements in Ethiopia. Although it is a pity that we have lost these out-of-band frequencies, the use of 9650 might mean that the station will propagate a bit further at certain times of year. (Greenway and Titarev in DXplorer, Petersen-Denmark/DSWCI DX-Window)

**GEORGIA** *Radio Abkhazia*, in Abkhaz and Russian: 0500-0800 9495 Radio Rossii  
0600-0700 9495 9535  
0800-0915 9495 9535  
1200-1230 9495

(Gulyaev, Astrakhan / "open\_dx" via Rus-DX Feb 11/  
DX Listening Digest/Hauser-OK)

**GERMANY** Thanks to a tip of Edwin Southwell via Dave Kenny-UK—*Deutsche Welle* seemingly ceased English SW outlet to EUR on 6140 kHz, nothing heard this morning. Former 0600-1000 and 1300-1600 UT outlets via Woofferton England 300 kW 90 degr in direction of Brussels, Frankfurt, Prague, Moldova. That transmission covered about 20 European countries and their English speaking audience.

Usage of SW transmitter site DTK T-systems Nauen near Berlin by DWL will end April 30th, 2007.

From May 1st, 2007 predominant usage of SW transmitter units of British VT Communications (VTC) by DWL. Former Nauen schedule will be switched to facilities in Ascension Isl, Al Dhabbaya-UAE, mostly to Rampisham 18 x 500kW, Skelton and Woofferton in England, as well as DWL sites in Sines-POR and Kigali-RRW.

DWL DRM programs carried then by a new 100 kW unit at VTC Woofferton from March 25, 2007.

Other DWL DRM transmissions via facilities in Moosbrunn-AUT (ORS), Moscow-RUS, Sackville-CAN, and Sines-POR. (Bueschel-Germany)

*Deutsche Welle* changes:

0600-1000 English 6140 WOF >>> cancelled Feb.1  
1030-1150 Chinese NF 12010 SNG, ex 15190  
1300-1600 English 6140 WOF >>> cancelled Feb.1

(DX Mix—Bulgaria)

I've now received a reply from *Deutsche Welle* which confirms the closure of their English service to Europe on 6140 kHz. Seem somewhat premature to abandon a perfectly good AM service when there are so few DRM receivers around yet...(Dave Kenny-UK, wwdxc BC-DX Feb 6/Bueschel-DE)

DTK T-Systems B-06 Updated February 5:

*IBC Tamil Radio*:

0000-0100 Tamil 6175 WER

*Hrvatska Radio/Voice of Croatia*:

0000-0400 Croat/En/Sp 7285 WER  
0200-0600 Croat/En/Sp 7285 WER  
0500-0800 Croat/En/Sp 9470 WER  
0600-1000 Croat/En/Sp 11690 WER  
2300-0400 Croat/En/Sp 7285 WER

*Athmee Yatra He/Gospel For Asia (GFA)*:

0030-0130 SEAs langs 7210 WER  
1330-1430 SEAs 13600 WER  
1430-1530 SEAs 12005 WER  
1530-1630 SEAs 11645 WER  
2330-0030 SEAs 7160 WER

*Radio Canada International (RCI)*:

0100-0200 English 5970 NAU  
0300-0400 Arabic 6025 WER  
1500-1600 English 11870 NAU  
1800-1900 English 11875 WER  
1900-2000 French 9670 NAU  
1900-2000 French 11845 NAU

*Radio Free Asia (RFA)*:

0100-0300 Tibetan 9670 WER

*Voice of Russia (VOR)*:

0200-0400 Russian-1 5995 WER  
1500-1600 Russian-2 9555 JUL  
2000-2200 Russian-1 5965 JUL 5975 JUL  
2100-2200 Russian-1 5990 WER  
2300-2400 Arabic 6175 WER

Russian 1 = Russian Inter. Radio

Russian-2 = Commonwealth

**Voice of America (VOA):**

0230-0330	Persian	7200 WER 9495 WER
1630-1730	Persian	5850 WER 12110 WER
1730-1800	Afan/Oromo	11905 WER Mo-Fr
1730-1830	Persian	5850 WER 9495 WER
1800-1845	Amharic	11905 WER
1830-1930	Persian	5850 WER 9680 WER

**Adventist World Radio (AWR):**

0300-0330	Oromo	7185 WER
0300-0400	Amh/Tigrigna	7315 WER
0500-0600	Bulgarian	6045 WER
0700-0800	Arabic	9595 JUL
0800-0830	Tachelhit	11975 JUL
0800-0900	Fr/Tachelhit	12010 JUL
1000-1100	Italian Sun	9610 JUL
1200-1300	En/Bangla	15140 WER
1300-1330	Chinese	11725 WER Mo-Fr
1300-1330	Uighur	11725 WER Sa/Su
1330-1500	Chinese	11725 WER
1500-1600	Nepali/En	11670 WER
1500-1600	Punjabi/Hindi	9855 WER
1630-1700	Somali	11905 WER
1730-1800	Kabyle	9640 JUL
1730-1800	Oromo	11795 WER
1900-2000	Ar/Tachelhit	9800 JUL
1900-2000	Arabic	11955 JUL
2000-2030	Persian	7110 WER
2000-2100	French/Ch	9695 JUL

**Radio Liberty (RL):**

0300-0400	Persian*	7105 WER
0400-0600	Persian*	12015 WER
0600-0700	Persian*	15560 WER 17675 WER
1400-1500	Turkmen	9565 WER
1600-1700	Tatar	6180 WER
	Bashkir	
1700-1800	Persian*	9770 WER
1800-1900	Persian*	9595 WER

\*Radio Farda

**CVC International:**

0500-0600	English	9430 WER
0600-0700	English	11720 WER
0700-0900	English	15640 WER
1500-1800	English	15680 WER
1800-2000	English	9490 WER
2000-2100	English	7285 WER

**BCE Radio Luxembourg:**

0900-1700	German DRM	7295 WER
-----------	------------	----------

**Polish Radio External Service:**

1130-1200	Polish	5965 WER 7285 NAU
1200-1230	Russian	13820 WER 15520 WER
1230-1300	German	5965 WER 5975 WER
1300-1400	English	5975 NAU 9525 WER
1400-1430	Russian	7275 WER 11675 WER
1430-1530	Belorussian	6035 WER 7180 WER
1530-1600	Russian	7180 WER
1530-1600	Ukrainian	6000 WER

1600-1630	Esperanto	6035 WER 7170 WER
1630-1700	German	7270 MC
1630-1730	Polish	6140 WER
1730-1800	Belorussian	6060 WER
1800-1900	English	6015 WER 7130 ISS
1900-1930	Esperanto	5935 WER
1900-1930	Russian	6095 WER
1930-2000	Ukrainian	6000 JUL 6095 WER
2000-2030	Russian	5935 WER
2030-2100	German	9640 GUF 11940 GUF
2200-2300	Polish	6050 WER 9660 GUF

**Brother Stair/The Overcomer Ministries (TOM):**

1300-1400	English	6110 JUL
1400-1600	English	6110 JUL 13810 JUL

**Radio Romania International (RRI):**

1500-1530	English DRM	7340 WER
-----------	-------------	----------

**HCJB Global (The Voice of Andes):**

1600-1700	German	3955 WER
-----------	--------	----------

**Minivan (Independent) Radio:**

1600-1700	Dhivehi	11800 JUL
-----------	---------	-----------

**Voice of Oromo Liberation (Sagalee Bilisummaa Oromoo):**

1700-1800	Oromo	9485 JUL
-----------	-------	----------

**WYFR (Family Radio):**

1400-1500	English	9895 WER
1500-1600	English	13660 WER
1600-1700	Amharic	13660 WER
1600-1700	Persian	5900 WER
1700-1800	Arabic	11835 JUL
1700-1800	Swahili	13660 WER
1700-1900	Russian	5905 WER
1700-1900	Turkish	9925 JUL
1800-1900	English	13660 WER
1800-1900	German	3955 WER
2000-2100	Arabic	5925 JUL
2000-2100	French	9670 WER

**CBS Radio Taiwan International (RTI):**

1700-1800	Russian	6160 WER
2100-2200	Spanish	6120 NAU

**IBRA Radio:**

1730-1800	Somali	9660 WER
1730-1830	Swahili	9520 JUL
1830-1845	English	9520 JUL
1800-1900	Fulfulde*	9710 WER
1900-2100	Hausa**	9605 JUL
2000-2100	Arabic	7340 JUL Mo-Fr

\* Fulfulde/Arabic/Kabyle/Dia

\*\*Hausa/French/Bambara/Wolof

**Democratic Voice of Burma (DVOB):**

2330-0030	Burmese	5955 WER
-----------	---------	----------

**Trans World Radio (TWR):**  
 0630-0645 Slovak 6130 JUL Mo-Fr  
 0930-0945 Hungarian 6105 JUL 7210 JUL Tu-Sa  
 1130-1200 Slovak 6130 JUL 7225 JUL Sa

**Christian Science Monitor:**  
 1000-1100 German 6055 JUL Su  
 1900-2000 Russian 9890 JUL Sa

**Evangelische Missions Gemeinden:**  
 1130-1200 German 6055 WER Sa/Su  
 1200-1230 Russian 11840 WER Sa  
 1600-1630 Russian 6000 NAU Sa

**Missionswerke Arche:**  
 1200-1215 German 6055 WER Su

**Free People's Mission Krefeld Inc:**  
 1200-1230 German 5945 WER Sa  
 1630-1700 English 9490 WER Sa

**Mecklenburg Verpommern Baltic Radio:**  
 1300-1400 German 5965 JUL 1st Su

**Radio Waaberi, cancelled from Feb.2**  
 1330-1400 Somali 17550 JUL Fr

**Radio Traumland:**  
 1400-1530 German 5965 JUL Su

**Bible Christian Association/BCA:**  
 1630-1650 Bulgarian 6015 JUL Su  
 1650-1700 Turkish 6015 JUL Su

**Radio Huriyo:**  
 1630-1700 Somali 9820 JUL Tu/Fr

**Voice of Oromiya Independence:**  
 1700-1730 Oromo/Amh 9820 JUL Sa

**Voice of Democratic Eritrea:**  
 1700-1800 Tigrinya/En 9820 NAU Th

**Radio Reveil Paroles de Vie:**  
 1830-1845 French 11840 JUL Tu/Th

**Voice of Democratic Path of Ethiopian Unity:**  
 1900-2000 Amharic 9620 JUL 100 Tu/Th/Su

**Pan American Broadcasting (PAB):**  
 0030-0045 English 6165 WER Su  
 1400-1415 English 13645 WER Sa  
 1400-1445 English 13645 WER Sa  
 1430-1445 English 13820 JUL Su  
 1545-1630 English 13820 JUL Su  
 1600-1630 Persian 13820 JUL Th  
 1930-2015 English 5850 WER Su  
 1930-2030 English 5850 WER Sa  
 2000-2030 English 5850 WER Fr

**Radio Republica:**  
 2300-0400 Spanish 5970 NAU Mo-Fr

**Bible Voice Broadcasting Network (BVBN):**  
 0430-0500 Amharic 9615 WER Su  
 0430-0530 Amharic 9615 WER Sa  
 0800-0900 English 5945 JUL Fr  
 0800-0915 English 5945 JUL Sa  
 0800-0945 English 5945 JUL Su  
 0900-0915 Urdu 5945 JUL Fr  
 0900-1015 Arabic 17545 JUL Fr  
 0915-0945 English-DRM 5945 WER Sa  
 1400-1500 English 11695 WER Sa/Su  
 1500-1545 Bengali 9895 WER Su  
 1500-1600 Bengali 9895 WER Mo/Fr  
 1500-1600 Urdu 12035 JUL Tu  
 1515-1600 English 12035 JUL Sa  
 1515-1600 Hindi 9895 WER Tu-Th  
 1530-1600 English 12035 JUL Mo/Th  
 1530-1600 Tigrinya 13720 JUL We  
 1530-1600 Urdu/English 12035 JUL We  
 1530-1600 Urdu 12035 JUL Su  
 1545-1600 Punjabi 12035 JUL Fr  
 1600-1700 Amharic 11780 JUL We  
 1630-1700 Amharic 11780 JUL Th-Tu  
 1630-1715 Arabic 11645 WER Tu  
 1630-1730 Arabic 11645 WER Mo/We-Fr  
 1630-1830 English 9460 WER Su  
 1640-1715 English 9460 WER Mo-Fr  
 1645-1830 English 9460 WER Sa  
 1700-1800 Tigrinya/Amh 11780 JUL  
 1715-1730 Hebrew 9460 WER Tu  
 1715-1730 Hebrew 9460 WER Th  
 1715-1835 Arabic 9730 WER Mo/We/Fr  
 1730-1745 English 9460 WER Th  
 1730-1745 Tagalog 9460 WER Tu  
 1730-1800 Persian 9435 WER Mo-Fr  
 1730-1900 English 9730 WER Su  
 1745-1800 English 9460 WER Tu  
 1800-1815 English 7210 JUL Sa  
 1800-1815 Russian 9460 WER Tu  
 1800-1830 Persian 7210 JUL We-Fr  
 1800-1830 Somali 11780 JUL Sa  
 1800-1830 Spanish 7205 JUL Su  
 1800-1835 Arabic 9730 WER Tu/Th  
 1800-1900 English 9730 WER Sa  
 1800-1900 Persian 7210 JUL Su  
 1800-1900 Somali 11780 JUL Fr/Su  
 1815-1900 Hebrew 9460 WER Tu  
 1815-1900 Persian 7210 JUL Sa  
 1830-1845 Tagalog 9460 WER Sa  
 1830-1900 English 9460 WER Fr  
 1845-1900 Hebrew 9460 WER Sa  
 1900-1915 Russian 6015 JUL Tu/Fr  
 1900-1930 English 9460 WER Sa  
 1900-1945 English 6015 JUL Sa  
 1900-2000 English 7260 WER Sa  
 1900-2000 English/Ru 6015 JUL Su  
 1900-2000 English 9470 WER Fr/Su  
 1915-1930 Russian 6015 JUL Mo-Fr  
 1915-2000 English 7260 JUL Su  
 1930-1945 Russian 6015 JUL Th  
 1930-2000 English 9470 WER Sa

2000-2015	Arabic	9565 WER Su
2000-2030	Arabic	9565 WER Th
2000-2030	English	6015 JUL Su
2245-2330	Vietnamese	7285 WER Fr
2300-0100	English	5980 WER Th
2300-2330	Vietnamese	7285 WER Sa

(DX Mix—Bulgaria)

**GREECE** Additional frequencies for *ERA 5 Voice of Greece* in Greek:

2300-0655 5865 AVL some days till 0715  
 0700-1055 11645 AVL some days from 0720  
 (DX Mix—Bulgaria)

**GUINEA** A friend of mine in Ghana confirms that Guinea 7125 has been off for at least six months. It was certainly heard at the end of July 2006 but may have disappeared shortly after that. Guinea is now in turmoil. Martial law was declared on Monday. All private FM stations in Conakry are off the air after one of them (Liberte FM) had its studios trashed by soldiers. Radio France Internationale's local FM relay in Conakry has been off the air since Saturday (Chris Greenway, UK, Feb 14/DX Listening Digest/Hauser-OK)

**ICELAND** Iceland's Ministry of Transport, national broadcaster RUV and Norwegian telecommunications company Telenor signed an agreement yesterday about broadcasting R\_V via satellite to reach rural areas and vessels at sea. The agreement is part of a the Transport Ministry's 2005-2010 telecommunications plan with the goal for people living in sparsely populated areas in Iceland and ships out at sea to be able to watch RUV television and listen two its two radio stations. Inhabitants in some areas in Iceland and those working at sea do currently not receive full service from the national broadcaster, as reported in a press release issued by the Ministry of Transport yesterday. The ministry estimates the project will cost about ISK 150 million (EUR 1.7 million) over the next three years. RUV is scheduled to be broadcast for the first time via satellite in April this year. Its transmissions will potentially be able to be received in northwestern Europe. (Daily News at <http://www.icelandreview.com> Feb 02, via Kuhl in DXplorer). So, maybe RUV will stay on SW till April? (Kuhl/DSWCI DX-Window/Petersen-Denmark)

RUV rents transmitter time from TFA/Gufunes, thus the slightly odd frequencies and only one sideband. TFA is a communications station. The transmissions to Europe are live from the national network. Those to North America are recordings. (Reynir Stefansson-ISL, dxld Feb 2/BC-DX/Top News/Bueschel-DE)

**INDIA** 7290 *AIR Thiruvanthapuram* is not heard lately on this frequency. When I contacted the station I was told that they are operating with very very low power on that frequency due to technical

problems. It is to be solved soon. However 5010 is heard as usual. They have a new website viz. [www.airvm.com](http://www.airvm.com). (Jacob, Feb 18 via DX-India/DSWCI DX-Window/Petersen-Denmark)

Engineers from *AIR* Research Department demonstrated the experimental transmission in DRM mode queries during recently concluded BES Expo 2007—13th International Conference and Exhibition on Terrestrial and Satellite Broadcasting held here in New Delhi on Feb 01-03, 2007. My complete report with photos from the exhibition can be read at [http://www.geocities.com/alokeshgupta/bes\\_expo\\_2007.pdf](http://www.geocities.com/alokeshgupta/bes_expo_2007.pdf). Right click on above link to download the pdf file. AIR has adopted DRM standard for digital radio broadcasting in MW and SW bands. A 250 kW SW transmitter at Khampur, Delhi has been modified for DRM experimental transmission on 6100 kHz.

Future DRM plans of AIR include:

- 22 Regional SW transmitters to be replaced by 50 kW shortwave DRM transmitters.
- 10 New regional DRM SW transmitters expected to be installed.
- 154 DRM + FM transmitters to be installed.

(Gupta, India Feb 04/DSWCI DX-Window/Petersen-Denmark)

**INDONESIA** 9743.36 *RRI Sorong*, Feb 08, 0610-0635, Indonesian, Talk and music, ID at 0631 (Hashimoto, Japan, Japan Premium/DX Listening Digest/Hauser-OK)

After a long period using v15150 and v9526, *Voice of Indonesia* Jakarta Cimanggis now noted on 11784.88 tonight. Just heard French service here at 1900-2000 UT. Reinhold Schuttkowski noted Spanish at 1721. Felix Lechte and Jan Balzer observed German at 1800 UT. English should follow at 2000-2100. (Bueschel, Germany, Feb 17/DX Listening Digest/Hauser-OK)

Monitoring list on Mid Feb. 07 by A. Ishida is online at <http://wave.ap.teacup.com/n1hp/html/sw070214.pdf> (S. Hasegawa, NDXC/DX Listening Digest/Hauser-OK)

**IRAN** Frequency changes for *VOIROI/IRIB*:  
 1830-1927 French NF 6205 SIR, ex 6180 KAM  
 1930-1957 Italian NF 6205 SIR, ex 5910 SIR  
 (DX Mix—Bulgaria)

**ISRAEL** Frequency change of *Kol Israel*:  
 0600-0755 Hebrew NF 11605 ISR, ex 15760  
 (DX Mix—Bulgaria)

**LITHUANIA** *KBC Radio Holland* via Sitkunai:  
 2200-2300 Dutch 6255 SIT Sa  
 (DX Mix—Bulgaria)




0030-0100	English-5	7130 9620 11695 11725 11805 12005 15185 15205	1300-1400	Chinese	6040 6160 7295 9680 11785 11995 12040
0030-0130	Pashto	7595 9335	1300-1400	English-3	9645 9760 11705
0030-0200	Spanish	9480 9885 11840	1300-1400	Korean	5890 7235 9555
0100-0200	English-3	7200 11705 12005	1300-1500	Pashtun	11510 15645
0100-0200	Urdu	6100 11820	1300-1500	Cantonese	9705 11930
0130-0200	Bangla	11500 15205	1330-1430	Khmer	9325 11965
0130-0200	English-5	5960 7405 Tu-Sa	1400-1500	Chinese	6040 6160 7295 9680 9890 11785
0130-0230	Dari	7595 9335	1400-1500	English-3	7125 9695 9760 11885 12150
0200-0300	Chinese	11925 15395 17645 21580	1400-1500	English-4	11655 15205
0230-0330	Persian	7200 9495 17740	1400-1500	Indonesian	11985 13660
0300-0330	Amharic	13815 15610 Mo-Fr	1400-1500	Korean	5890 7235 9555
0300-0400	English-2	4930 6080 9885 15580	1400-1500	Kurdish	13740 15530 17750
0330-0430	Kin/Kir	7340 9540 11915	1400-1500	Russian	11805 11895 15130 15370
0330-0430	Persian	17740			
0400-0430	Amharic	13815 15610 Mo-Fr	1400-1500	Tibetan	7115 7255 12040
0400-0430	English-2	4930 4960 6080 9885 15580	1400-1500	Urdu	9510 11705
0400-0600	Tibetan	15585 17770 21570	1400-1600	English-2	4930 6080 15580 17715 17895
0430-0500	English-2	4930 4960 6080 9885 15580	1430-1500	Burmese	9325 11965 12120
0430-0500	Hausa	5955 9600 Mo-Fr	1430-1500	Pashto	9335 15215
0430-0500	Portuguese	9480 9675	1500-1530	Burmese	9325 11965 12120
0430-0500	Turkish	7200 Mo-Fr	1500-1530	Dari	9335 15215
0500-0530	Hausa	4960 5955 9600	1500-1530	English-5	6110 7175 9760 15460
0500-0600	English-2	4930 6080 6105 9885 15580	1500-1530	Hausa	7135 9810 11705
0500-0600	Kurdish	5995 7115 9690	1500-1600	Uzbek	9790 11590 11840 15390
0530-0600	Croatian	7315	1500-1600	English-3	7125 9645 12150 13735
0530-0600	French	4960 5890 7265 9480 9505 Mo-Fr	1500-1600	English-4	11890 15205
0600-0630	Albanian	9635	1500-1600	Pashtun	11510 11765
0600-0630	French	4960 5890 7265 9480 9505 Mo-Fr	1500-1600	Vietnamese	5955 9485 9725
0600-0700	English-2	6080 9885 15580	1530-1600	English-5	6110 7175 9760 15460
0630-0645	Serbian	6035	1530-1600	Georgian	9605 11630
0700-0800	Chinese	9845 11855 11965 13650 13765 15515	1530-1630	Pashto	9335 11840 13605
0800-0900	Chinese	9845 11665 11855 11965 13650 13765 15515	1530-1630	Persian	7155 9595 12135
0900-1100	Chinese	9845 9855 11665 11855 11965 13650 13765 15515	1600-1630	Kin/Kir	11675 11965 17785 Sa
1000-1030	Portuguese	18985 21590 Sa/Su	1600-1630	Somali	13580 IRA 15620 BOT
1100-1200	Chinese	6160 9530 9680 11665 11785 12040	1600-1700	Bangla	7280 11500
1100-1230	Indonesian	7255 9725 15165	1600-1700	English-2	4930 6080 15580 17715 17895
1100-1230	Spanish	9535 9885 11840	1600-1700	English-5	13600 15445 17640
1130-1145	Turkish	9555 11870 Mo-Fr	1630-1700	Hindi	6060 9760
1200-1300	Chinese	6040 6160 9530 9680 11785 12040	1630-1730	Swahili	17580 17705 21480
1200-1300	English-3	9645 9760 11705 11730 15190	1630-1730	Dari	9335 11840 13605
1200-1300	Korean	5890 7235 9555	1630-1730	Persian	5850 9680 12110
1230-1300	Creole	9535 11890 15265 Mo-Fr	1700-1730	Albanian	11675
1230-1300	Lao	7205 11930	1700-1730	Portuguese	11775 15545
1300-1330	Vietnamese	9325 11685	1700-1730	Shona	4930 11815 15775 Mo-Fr
			1700-1800	Somali	13580 IRA 15620 IRA 250 kW / 263 deg
			1700-1800	Swahili	17580 17705 21480 Mo-Fr
			1700-1800	English-2	6080 13710 15580
			1700-1800	Kurdish	7555 9650 9815
			1700-1800	Urdu	7260 11500
			1700-1830	English-2	4930 Sa/Su
			1730-1800	Afan/Oromo	9320 9860 11675 11905 13870 Mo-Fr

1730-1800	Creole	15390 17565	2230-2300	English-5	7230 9780 13755
1730-1800	English-2	4930 11815 15775 Mo-Fr	2230-2330	Vietnamese	6060 13640
1730-1800	Pashto	9335 9855 11840	2300-2330	English-5	6180 7205 15150
1730-1800	Persian	5850 9495 9680	2300-2330	Thai	7215 9685
1730-1800	Portuguese	9805 11775	2330-2400	Burmese	7430 11840 12120
1800-1830	Dari	9335 9855 11840	2330-2400	English-5	6180 7205 11655 13640 15150
1800-1830	English-2	6080 11975 13710 15580 17895	2330-2400	Thai	7215 9685 Su-Th
1800-1830	Hausa	4940 9750 11985 12080 Sa/Su	English-1 = English to Afghanistan		
1800-1830	Ndebele	4930 11815 15775 Mo-Fr	English-2 = English to Africa		
1800-1830	Persian	5850 9495 9680	English-3 = English to Far East Asia, South Asia and Oceania		
1800-1830	Portuguese	7290 9805 Mo-Fr	English-4 = English to Middle East		
1800-1900	Amharic	9320 9860 11675 11905 13870	English-5 = Special English		
1800-2000	Russian	6105 6150 7220 9650	Kin/Kir = Kinyarwanda/Kirunda		
1830-1900	Azerbaijani	9750 9800 12025	Test broadcasts of <b>WYFR Family Radio</b> to SoAs:		
1830-1900	English-2	4930 6080 11975 13710 15580 17895	1300-1400	English	5865 DB >>> deleted
1830-1900	Persian	5850 9680 9980	1400-1500	Tamil	7475 DB
1830-1930	Pashto	5750 7595	1400-1500	Telugu	5880 ERV, 5885 on Feb.3
1830-2000	French	9815 12080 13735 15220	1400-1600	English	5920 TCH
1900-1930	Persian	5850 9680 9980	1400-1700	Hindi	5865 DB
1900-1930	Tigrigna	9320 9860 11675 11905 13870 Mo-Fr	1500-1600	Marathi	9460 ARM
1900-2000	English-2	4930 4940 6080 11975 13710 15580 17895	Some <b>IBB</b> changes:		
1900-2000	English-5	9785 12015	0030-0230	Persian	NF 5860 IRA, ex 12140 <b>Radio Farda</b>
1900-2000	Kurdish	7475 9590 9690	1800-1900	Persian	NF 7520 IRA, ex 11500 <b>Radio Farda</b>
1930-1945	Croatian	6050 7270	2300-2400	Russian	NF 7150 LAM, ex 6115 <b>Radio Liberty</b>
1930-2000	Albanian	7115	(DX Mix—Bulgaria)		
1930-2000	Turkish	7235 9680 Mo-Fr	Here is the list of the frequencies for <b>AFRTS</b> :		
1930-2030	Dari	5750 7595	Diego Garcia	12579 / 12759 / 4319	
2000-2030	English-2	4930 4940 6080 11975 13710 15580	Guam	13362 / 5765	
2000-2030	French	9815 12080 13735 15220	Key West, Florida (USA)	12133.5 / 7812.5 / 5446.5	
2000-2030	Korean	6060 7110 7135	Pearl Harbor, Hawaii	10320 / 6350.	
2030-2100	English-2	4930 6080 11975 13710 15580	(Robert Winkler, AFRTS, via Rajeeesh, Feb 13/DSWCI DX-Window/Petersen-Denmark)[I know, not strictly shortwave broadcasting, but interesting nonetheless!- AQ]		
2030-2100	English-2	4940 Sa/Su	<b>VENEZUELA</b> 4939.7 <b>Radio Amazonas</b> , Puerto Ayacucho, 0220-0245, Jan 28, dance music, "Transmite Radio Amazonas, en tu programa Zona Rumbera..." heard // 5128.8v with distorted signal. (Rodriguez-Colombia/DSWCI DX-Window/Petersen-Denmark)		
2030-2100	French	9780 9815 11775 12080 15220 Sa/Su			
2030-2100	Hausa	4940 9780 9815 11775 12080 15185 Mo-FR			
2030-2100	Serbian	6040			
2030-2130	English-1	7595			
2100-2115	Ukrainian	7145 9865			
2100-2130	French	5985 9680 9780 9815 Mo-Fr			
2100-2200	English-2	6080 15580			
2115-2130	Ukrainian	7145 9865 Mo-Fr			
2130-2400	English-1	7405			
2200-2230	Creole	9525 9670			
2200-2230	Khmer	6060 7260 13640			
2200-2230	Serbian	7125 Mo-Fr			
2200-2300	Chinese	6045 7140 9545 9755 9875 11655			
2200-2400	English-3	7120 11725 15185 15290			
2200-2400	Indonesian	9620 11805 15205			
			<b>DIGITAL RADIO MONDIAL (DRM)</b> schedule on shortwave. Updated: February 19: 0000-0100 9790 SAC <b>TDP Radio</b> Dance Mx 0000-2400 5990 JUN <b>RTL</b> Radio French 0000-2400 6095 JUN <b>RTL</b> Radio German 0100-0200 6080 SAC <b>CRI</b> English		

0200-0400	15640 K/A <b>VOR</b> Russian WS	1500-1530	7340 WER <b>RRI</b> English
0400-0600	15640 K/A <b>VOR</b> English WS	1500-1600	6015 ISS <b>TDP Radio</b> Dance Mx
0400-2205	6085 ISM <b>BR-B5</b> aktuell German	1500-1600	9750 RMP <b>CBS RTI</b> English Fr
0600-0655	9850 FLE <b>RNW</b> Dutch	1500-1600	5905 MSK <b>VOR</b> English
0600-1300	9890 RAN <b>RNZI</b> English	1500-1800	5875 RMP <b>BBC WS</b> English
0630-1130	6175 FON <b>RMC</b> French	1505-1605	9800 SAC <b>RCI</b> English
0700-0755	7300 FLE <b>RNW</b> English	1515-1530	6060 SMG <b>Vatican Radio</b> Polish
0700-0800	11615 MSK <b>VOR</b> English	1550-1750	9890 RAN <b>RNZI</b> English
0700-0900	5875 KVI <b>BBC WS</b> English	1600-0800	3995 SIN <b>DW</b> various
0700-0900	7335 KVI <b>BBC WS</b> English, test irreg	1600-1655	7240 FLE <b>RNW</b> Dutch
0700-0900	6130 WOF <b>DW</b> various	1600-1700	9750 RMP <b>NHK</b> English Fr
0700-1500	7320 RMP <b>BBC WS</b> English	1605-1635	9800 SAC <b>RCI</b> Russian Sa/Su
0800-0855	7240 FLE <b>RNW</b> Dutch	1605-1705	9800 SAC <b>RCI</b> Russian Mo-Fr
0800-0855	13810 SIN <b>DW</b> various	1635-1705	9800 SAC <b>RCI</b> Ukranian Sa/Su
0800-0900	9655 MOS <b>DW</b> various	1705-1905	9800 SAC <b>RCI</b> English
0800-0900	11615 MSK <b>VOR/RIR</b> Russian	1750-1850	11675 RAN <b>RNZI</b> English
0900-1000	11615 MSK <b>VOR</b> English	1800-1900	5970 RMP <b>BBC WS</b> English
0900-1055	6015 FLE <b>RNW</b> Dutch Mo-Fr	1800-2000	17860 SGO <b>CVC</b> Portuguese Mo-Fr
0900-1055	7240 FLE <b>RNW</b> Dutch Sa/Su	1850-1950	15720 RAN <b>RNZI</b> English
0900-1155	13810 SIN <b>DW</b> various	1900-2055	3965 ISS <b>RFI</b> French
0900-1155	15725 SIN <b>DW</b> various	1905-2005	9800 SAC <b>RCI</b> French
0900-1200	7275 WOF <b>DW</b> various	1950-2050	11675 RAN <b>RNZI</b> English
0900-1330	13620 KWT <b>Radio Kuwait</b> Arabic	2000-2300	6105 MSK <b>VOR</b> English WS
0900-1430	9470 KVI <b>BBC WS</b> English	2045-2130	9800 SAC <b>Vatican Radio</b> English
0900-1430	9480 KVI <b>BBC WS</b> English	2050-2300	15720 RAN <b>RNZI</b> English
0915-0945	5945 WER <b>BVBN</b> English	2130-2200	9800 SAC <b>RNW</b> English
1000-1100	9760 MOS <b>CVC</b> English	2200-0200	11675 KWT <b>Radio Kuwait</b> Arabic
1000-1200	11615 MSK <b>VOR</b> German	2200-2300	9800 SAC <b>RCI</b> English
1100-1255	15605 FLE <b>RNW</b> Dutch	2200-2255	15425 GUF <b>RNW</b> English
1200-1300	6130 WOF <b>DW</b> various	2300-0600	17675 RAN <b>RNZI</b> English
1200-1300	13770 SMG <b>Vatican Radio</b> various	2300-1755	3965 ISS <b>RFI</b> French
1200-1400	15440 SIN <b>DW</b> various	2300-2330	9800 SAC <b>DW</b> English
1200-1400	11615 MSK <b>DW</b> various	2300-2345	7370 SMG <b>Vatican Radio</b> English
1300-1325	6065 RMP <b>Radio Prague</b> German Sa	2330-2400	9800 SAC <b>Radio Sweden</b> English
1300-1330	7275 FLE <b>Radio Sweden</b> German		
1300-1550	7145 RAN <b>RNZI</b> English		
1300-1600	6130 WOF <b>DW</b> various		
1300-2000	17875 GUF <b>RFI</b> French Mo-Fr		
1330-1355	9750 RMP <b>Radio Prague</b> German Fr		
1330-1355	6065 RMP <b>Radio Prague</b> English Sa		
1330-1400	7275 FLE <b>Radio Sweden</b> English		
1345-1745	9880 KWT <b>Radio Kuwait</b> Arabic		
1400-1425	9750 RMP <b>Radio Prague</b> English Fr		
1400-1430	9750 RMP <b>RNZI</b> English Sa		
1400-1500	5905 MSK <b>VOR</b> Russian		
1400-1555	13590 SIN <b>DW</b> various		
1400-1600	9815 MOS <b>DW</b> various		
1430-1500	9750 RMP <b>KBS World</b> English Fr		
1430-1500	7240 FLE <b>RCI</b> English		
1430-1900	7465 KVI <b>BBC WS</b> English		
1430-1900	7485 KVI <b>BBC WS</b> English		
1500-1515	6060 SMG <b>Vatican Radio</b> German		

(DX Mix—Bulgaria) [*Regular readers know how I feel DRM is the Emperor's New Mode; nonetheless, in all fairness to the seven of you tuning into DRM around the world, here's a useful schedule!—AQ*]

**UNIDENTIFIED** In DXLD 7-019, I see mentioning of Sudan or Uganda on 4750. I was surprised to hear anything at all on this frequency today, Feb 14 at 1545 UT. It's a little hard to make out the language in use but it could very well be an Arabic or African language. Certainly not English (is the Uganda transmitter suppose to be in English?). End of transmission at 1600 (making it possible it would even be Bangladesh Betar? (Eibi)); after this an even fainter signal from another station. (Kloppenburg-NETH/DX Listening Digest/Hauser-OK) 

**Support your local Loggings Columns!**



# Pirate Radio Report

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

Hello and welcome to the March 2007 edition of the *Pirate Radio Report*. I guess we can call this the Winterfest 2007 edition. If you are attending this year's Fest, be sure to attend the Pirate Forum on Friday afternoon, hosted by George Zeller. Also, Janice Laws and Steve Karlock are hosting a forum called "Radio On The Road" which is scheduled for Friday AM.

## It's All Greek To Me!

First heard at 2110 UTC on 6310 kHz on February 17<sup>th</sup> playing pop music by Jerry Berg of Lexington, Massachusetts, the station turned out to be Greek Pirate, **Radio Odyssey**, which signed off around 2206 UTC. Emails from the station op, Nik Panos, says that they were running about 2.5 kw. Future transmissions are possible between 2200-0000 UTC. Their email address is: [odyssey.greece@yahoo.gr](mailto:odyssey.greece@yahoo.gr)

The Dutch Europirate **Cupid Radio** was heard from 1410-1420 UTC on February 17<sup>th</sup>. Man with ID and frequency announcement in English followed by the same in French. Rock vocal selection followed. E-mail report to Rinus confirmed reception and requested postal report to Box 9, 8096 ZG, Oldebroek, Netherlands. Poor with very deep fades. [D'Angelo-PA]

15070, Cupid Radio, Netherlands, 14:00 to 15:00 on Feb. 17<sup>th</sup>. Very weak reception with deep fades. Heard song by Avril Lavigne, and several IDs "Cupid Radio from the Netherlands." [Fisher-MA]

**Cracker Radio** logged on 6925 USB mode from 2117 sign on past 2150 on February 10<sup>th</sup>. Program of odd new age music with male announcer having a very high-pitched voice. It was almost, but not quite, a bunny voice and was thus difficult to copy his talk clearly. I have to credit Gerry Dexter with the ID on this one, which I had repeatedly as "This is Piper Radio" or similar. But, I believe that it actually was Cracker R. [Zeller-OH]

**KIPM**, logged on 6925 USB from 0201-0214, in Feb. 15<sup>th</sup>. Noted with a man giving station ID and Lulu, GA mail drop address for reports (must be an old program). Poor. [D'Angelo-PA]

**Radio Ice Cream**. Noted at 2229 UTC on Feb. 16<sup>th</sup>. Ending some goofy music, ID and Belfast address, "thanks for listening" and man vocal—perhaps what others have called the "Ice Cream Song" at 2230. 2232 "Peace now, brother" and gone. [Dexter-WI] ID and gave P.O. Box 1, Belfast Address and directions to get a QSL. Mix of rock and blues mx. Good signal with clean modulation. [Strawman-IA]

**President's Day Radio-WPDR**, heard on 6925 on presidents day, Feb. 19, at 2055 with brief excerpts from presidential speeches including Ronald Regan, Bill Clinton & George W Bush. Several IDs as both Presidents Day Radio & WPDR. Their slogan was "all presidents all the time". Said they wouldn't QSL just like the presidents don't deliver on their promises. Gone @ 2058. Re tuned at 2225 and heard them again with speeches from Harry Truman. [Wood-MA]

**Random Radio** was heard on 6925 kHz USB from 0013 sign on past 0031 sign off on February 11<sup>th</sup>. Program of country music and some very old pop music but had piano mx at s/on as well as IDs in German and a couple of other languages, into "This is the English language service of Random R." Gave no address, but several times requested reports to the "Grapevine" section of the FRN web site. Promised QSLs to people posting their home address up on that web site. [Zeller-OH]

Thanks to these fine folks who made this column possible: Jerry Berg-MA, Rich D'Angelo-PA, John Fisher-MA, Gerry Dexter-WI, Jerry Strawman-IA, Steve Wood-MA, and George Zeller-OH.

See you at the Fest!



# QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



R  
N  
D  
I  
O  
T  
G  
T  
Z

**ABU DHABI: Adventist World Radio** 11975 via Dhabbaya the station verified my email rpt. in 6 hrs. and promised to send a QSL by postal mail. v/s Rhoen Catolico, Assistant Program Director. Addr: radio@awr.org (D'Angelo-PA). **Radio Farda** 9775 via Dhabbaya cd. in 7 wks. w/ program guide from the VOA. (Barto-CT).  
**ALBANIA: China Radio International** 7170 via Cerrik f/d cd. in 7 wks. (Barto-CT).  
**ASIATIC RUSSIA: Voice of Russia** 12010 via Komsomolsk on Amure f/d cd. w/ schedule in 3 mos.

(Barto-CT). 7350 via Chita cd. in 2 1/4 mos. (Barto-CT).

**AUSTRALIA: HCJB Australia** 11750 f/d paper "Grotto at Wyndham" cd. w/ personal ltr. and an audience survey form in 1 mo. for \$1.00. v/s "Glenda". (Pogue-TN).

**AUSTRIA: Adventist World Radio** 9770 via Moosbrunn f/d cd. w/ AWR stamp in 7 wks. v/s Adrian M. Peterson. (Barto-CT).

**BOTSWANA: Voice of America** 12080 f/d cd. in 9 wks. w/ program guide and station sticker. (Barto-CT).

**BRASIL: ZYR200 Radio Novo Tempo** 4895 f/d ltr w/ travel brochure in 3 mos. v/s Daniel Gonçalves and Eilen Ramos. (Barto-CT).

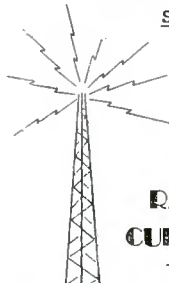
**BURKINA FASO: Radio Television Ouagadougou** 5030 form ltr. in FR w/ an EG version attached in 8 mos. for 1 IRC. v/s Pascal Goba, Chef des Programmes. Addr: Radio Bur-

**STATION NOTES: Bermudareieck**

6245 Addr: SRS Deutschland, Bermudareieck, PF 101145 DE-99801 Eisenbach, Germany. Caroline Eiffel

6260 Addr: same as above. Cupido Radio

6240 Addr: Postbus 9, NL-8096 ZG Oldebroek, Netherlands. Doctor Tim 6265 Addr: use the SRS Deutschland address. Fantasy Radio 6240.5 Email: radiofriendsitaly@hotmail.com...via PLAY DX.



RADIO  
CULTURAL  
TCN



kina, 03 B.P. 7029, Ouaga 03, Burkina. (Renfrew-CHAD: Radio National Tchadienne 6165 NY).

my registered ltr. sent in April for \$10.79(!) was returned as "unclaimed". (Renfrew-NY). That's a couple of Big Macs and fries...Sam.

**CHINA, PEOPLES REPUBLIC OF: China Radio International** 9870 via Xia'n f/d cd. w/ paper cuts in 5 wks. (Barto-CT). 11900 via Kunming cd. in 7 wks. (Barto-CT). China National Radio 1 9655 and 11925 via Lingshi cd. in 3 mos. (Barto-CT). 9900, 9845, 11710 and 7290 via Beijing cds. in 3 mos. (Barto-CT). 9890 via Shanzi cd. in 3 mos (Barto-CT). 9500 and 11750 via Shijiazhuang cd. in 2 mos. (Barto-CT).

	Sr.: <u>Samuel L. Barto</u>
TGW RADIO NACIONAL, se complace por este medio en confirmar su reporte de recepción en la frecuencia de 6180 Khz. del día <u>2/12/78</u> TGW RADIO NACIONAL "LA VOZ DE GUATEMALA", transmite en 640 Khz Onda Media, 6180 Khz Onda Corta banda de 49 metros. 106.1 y 107.1 Mhz Frecuencia Modulada. Muy agradecidos por su aporte reciba un saludo del País de la Esperanza. <i>[Signature]</i> Director General de Radiodifusión	

# High Adventure Ministries

GLOBAL BROADCASTING NETWORK

Voice of Hope FLORIDA  
 Frequency 9.825  
 Date of reception FEB 17/2002  
 Time of reception 1735 - 1823 (UTC)  
*THANK YOU!*

Thank you for your reception report. For information about other frequencies for our Network, please visit us at our Website listed below

High Adventure Ministries - Global Broadcasting Network  
 Mail: HighAdventure.net  
 WWW.HIGHADVENTURE.ORG

S.R BARBOUR JR.  
P.O. Box 893  
Intervale, N.M.  
03845  
USA

7230 via Xia,n cd. in 2 mos. (Barto-CT). China National Radio 2 3985 via GoImud f/d "Black Snub Nosed Monkey" cd. w/ schedule and paper cuts in 3 mos. (Barto-CT). China National Radio 8 9420 via Lingshi f/d cd. in 6 wks. (Barto-CT). 11630

via Lingshi cd. in 7 wks. (Barto-CT). 12055 cd. in 5 mos. (Barto-CT). \* Voice of the Strait 7280 p/d cd. in 11 1/2 mos. after a f/up rpt. direct from the station. (Paszkiwicz-WI).

**CLANDESTINE: Voice of Biafra International** my rpt. was returned by the USPO although it was sent to the DC address in the PWRB. (Field-MI).

**台北國際之音** SAMUEL BARTO 先生鑒  
 希望能夠看懂華文,也請繼續支持我們共抗節目。  
 校務事宜不在此列  
 敬請回信 江楚大 敬上  
 台北國際之音 江楚大 敬上  
 中華民國台北郵政特准掛號  
 P.O. Box 2438, Taipei,  
 Taiwan 104, Republic of China  
 Permit# 20053, D-53135 Bonn 2, Germany  
 Transit Post 1024, Surabaya 60008, Indonesia  
 HOP THO SO 104 HA-NOI, VIET-NAM

This is to verify that your reception report on \_\_\_\_\_ KHz from \_\_\_\_\_ to \_\_\_\_\_ UTC on \_\_\_\_\_ corresponded with our station log of the same day. Thank you for your interest. Further reports are welcome.

**Shortwave Radio Africa** 3230 verified an electronic f/up rpt. in 26 ds. w/ a f/d postal ltr. reply from Gerry Jackson, Station Manager. (D'Angelo-PA).

**CUBA: China Radio International** 9570 cd. in 6 wks. (Barto-CT) **Radio Habana Cuba** 6000, 9550, 11800 and 12000 cd. in 6 mos (Barto-CT).

**DIEGO GARCIA: Armed Forces Net-**

**STATION NOTES: Radio Clube Do Para** 4885 v/s Camilo Centeno, Diretor Geral. **Radio Cultura** 17815 v/s Eduardo Weber. Addr: Rua Vladimír

Herzog 75, CEP\*05036-900 Sao Paulo, SP, Brasil. **Radio Cultura Fildelfia** 6105 Addr: Avenida Brasil 531, Sala 74, CEP\*85851-000 Foz de Iguaçu, Parana, Brasil. **Radio Difusora Acreana** 4885 v/s Antonio Washington de Aquino Sobrinho, Gerente Geral. **Radio Difusora Macapa** 4915 v/s Ronaldo Picanco Silva, Director Administrador. Addr: Rua Candido Mendes 525, Bairro Central, CEP\* 68900-100, Macapa, AP, Brasil. **Radio Difusora de Pocos de Caldas** 4945 v/s Claudio Luiz Maia Nunes, Diretor...via PLAY DX....Sam.

work 4319 f/d "Logo" cd. in 2 wks. C/V #112 for me. (Lawrenson - RI). verified my email rpt. to qsl@dodmedia.osd.mil w/ a f/d "Logo" cd. in 8 ds. v/s Robert Winkler. (D'Angelo-PA).

**ENGLAND: Radio Japan World** 7230 via Woofferton f/d cd. w/ schedule in 2 mos. after 3 f/up rpts. (Field-MI). 5975 via Rampisham same as above. (Field-MI)...Unusual for f/ups to Radio Japan...Sam. **Korean Broadcasting System** 15360 and 15365 this is my 3rd QSL for the same rpt. Also rcv'd. a ltr. in Korean. (Field-MI).



Dear Listener  
 Thank you very much for your reception reports of our Station on...  
 Dumars, 12, 11, Jan 22 - 1960  
 Yours Sincerely  
 With all our best wishes

Radiodiffusion Tunisienne  
 139, Av. de Paris  
 TUNIS

Cher auditeur,  
 Nous vous remercions pour votre rapport d'écoute du...  
 et vous prions de croire à nos meilleurs compliments.

Radiodiffusion Tunisienne  
 139, Av. de Paris  
 TUNIS

**ERITREA: Voice of the Broad Masses of Eritrea** 7100 f/d cd. w/ site, form ltr. and an Eritrean post-card in 671 ds. for \$1.00. (Barbour-NH).

Early QSL Cards



ADVENTIST  
WORLD RADIO

2002



To: MR MARK HUBENK

We are pleased to verify your reception of our station

Date: 8-9-02 Comments: \_\_\_\_\_

Time (UTC): 2004

Power (kW): 500

Freq (MHz): 15355

Mode: J9

Transmitter location: AVATRIN

Signature: [Signature] DX EDITOR

www.awr.org  
• Program schedules  
• Real Audio programs  
• Photos of AWR sites

Adventist World Radio  
39 Brendon Street  
London W1H 5HD  
England

QSL

EUROPEAN RUSSIA: Voice of

Russia 7390 via Samara cd. in 3 mos. (Barto-CT). 7150 via Armavir cd. in 2½ mos. (Barto-CT). 5945 via Krasnodar cd. in 3 mos. (Barto-CT). 12030 via Moscow cd. in 3 mos. (Barto-CT). 7330 and 5900 f/d cd. in 4 mos. (Barto-CT).

EURO PIRATES: Cupid Radio

\* 15070 rcvd. a very nice package from Dutch operator Rinus in 2 wks. for a CD I made over 1½ hrs. of pro-

gramming I recorded on November 18. Rinus sent me 2 new QSL designs, info sheets w/ photos, postcard and 3 crisp \$1.00 bills to reimburse me for mailing the CD. (Herkimer-NY).

GERMANY: Deutsche Welle 9735 via Wertachtal cd. in 3 mos. (Barto-CT).

Radio Liberty 7220 via Lampertheim cd. in 4 mos. (Barto-CT). 9690 via Biblis cd. in 3½ mos. (Barto-CT). 6130 via DTK Julich cd. in 4 mos. (Barto-CT). 13745 via Lampertheim cd. in 6 wks. (Barto-CT). Voice of

Croatia 9925 cd. in 3 wks. (Field-MI). Radio Polonia 11675 via DTK Wertachtal f/d "Lubin - A View of the Old Town" cd. w/ schedule in 3 mos. (Barto-CT). CVC International 13830 via DTK Julich f/d cd. w/ personal ltr. in



RADIO MONITORS INTERNATIONAL

INTERNATIONAL DX PROGRAM

Broadcast by

SRI-LANKA BROADCASTING CORPORATION

kHz	kW	Location	Date	Time	Delayed Relay
7385	50	MIAMI FLORIDA	2004	APRIL 0230	WRMI

Dear Mr. RICHARD D'ANGELO  
Thank you for your reception report which has been checked against our program-log and is hereby verified as correct.

10419

ADRIAN M. PETERSON

QSL

QSL

Mrs. Ana Matthews, Gerente. Radio Panamerica 6105 Addr: Casilla 503, La Paz, Bolivia. v/s Daniel Sanchez Rocha, Director. Radio Pio XII 5952.5 E-mail: rpiodoce@entelnet.bo. v/s Jose Blanco, Administrador de la Emisora.....via PLAY DX.....Sam.

2 mos. Rcvd. flashlight, schedule and station history of station. (Field-MI). 15795 via DTK Wertachtal same as above. (Field-MI).

ICELAND: Armed Forces Network 13855 via Keflavik f/d "APRTS" cd. in 16 ds. for a May 2003 rpt. v/s Robert Winkler. (Wilkins-MO).

IRAN: Voice of the Islamic Republic of Iran 9925 and 7540 via Teheran cd. in 4 mo. (Barto-CT). 7305 cd. w/ postcard & magazines in 5 mos. (Barto-CT). 9810 via Sirjan f/d "The Main Portico and the wind towers of Haneh-ye Borujerdi in Kashan" cd. in 5 mos.



En confirmation de votre rapport : USA!  
This is to confirm your reception report :

Date	Heure / Time UTC	KHz
15/01/02	02M18 - 02M25	9970

Dear Listener,

Merci d'être à l'écoute de RTBF International. Votre rapport de réception nous est utile pour mieux définir notre couverture et améliorer notre signal. Merveilleux salutations de toute l'équipe de RTBF.

Thank you for listening to RTBF International. Your detailed reception report helps us define our signal and improve our short wave transmissions. Best wishes from RTBF's production team.

RTBF International - B-1044 Bruxelles - Belgique - Tel : +32 2 737 40 14 - Fax : +32 2 737 30 32 - e-mail: rtbf@rtbf.be





# RADIO CUSCO

OAX-7A 6195 KH-ONDA CORTA OAX-7G 1460 KH-ONDA LARGA  
ECO MUSICAL 90.1 MHZ F.M.

**ROMANIA: Radio Romania International** 7140 and 9620 f/d "The Royal Train - the small salon carriage" cd. w/ station

schedule, sticker and calendar in 9 wks. (Barto-CT).

- RWANDA: Deutsche Welle** 15275 and 7170 f/d cd. in 3 mos. (Barto-CT).
- SAINT HELENA: Radio Saint Helena** 11092.5 via **Jamestown** f/d "DSWCI 50th Anniversary" cd. in 18 ds. for 1 IRC. v/s Anker Petersen. My rpt. was sent to the Danish Shortwave Club International. (Wilkins-MO). same in 5 wks. for \$1.00. Thanks Anker. (Herkimer-NY). in 33 ds. for \$1.00 for a rpt. to the DSWCI. (D'Angelo-PA).
- SAIPAN: Radio Liberty** 17615 cd. in 3 mos. (Barto-CT).
- SAO TOME: Voice of America** 11975 f/d cd. in 6 wks. plus a very beautiful 2007 wall calendar. (Field-MI). 4960 cd. in 9 wks. w/ calendar. (Barto-CT). 11835 cd. in 8 wks. (Barto-CT).

**STATION NOTES: Radio Marfil Estereo** 5910 Addr: Libreria Colombia

Para Cristo, Calle 44, No. 13-67 Bogota, DC, Colombia. v/s Martin Stendal, Director. **Radio Congo** 5985 v/s Felix Losombo, Le Directeur Administratif et Financier. Addr: Boite Postale 2912, Brazzaville, Congo. **Radio Kahuzi** 6210 v/s Barbara Smith, Secretary. Addr: P.O. Box 189, East-

anolee, GA 30358. **Voice of Guyana** 3291 v/s S. Goodman, Chief Engineer. Addr: National Communications Network, Inc., Homestretch Avenue, D'Urban Park, Georgetown, Guyana. Reports can also be sent to: Maintenance Engineer Transmitters, Operations Centre, 44 High Street, Werk-en-Rust, Georgetown, Guyana. ....via PLAY DX.....Sam.

**SINGAPORE: Radio Nederlands** 9795 via Kranji f/d cd. in 8 wks. (Lawrenson-RI)...Thanks for the nice comments. They are very much appreciated...Sam.

**SLOVAKIA: Radio Slovakia International** 9440 f/d "View of Bratislava Castle" cd. in 17 ds. for an email rpt. (D'Angelo-PA).

**SRI LANKA: Radio Farda** 9435 via **Iranawila** f/d cd. in 6 wks. (Barto-CT). 13870 cd. in 9 wks. (Barto-CT). **Radio Liberty** 9760 via **Iranawila** cd. in 4 mos. (Barto-CT). **Voice of America** 13670 via **Iranawila** cd. in 2 mos. (Barto-CT).

**TAJIKISTAN: Voice of Russia** 7570 f/d "Defenders of the Fortress Brest" cd. in 3 mos. w/ schedule. (Barto-CT).

**THAILAND: Radio Liberty** 9520 via **Udon Thani** cd. in 3 mos. (Barto-CT). 11785 cd. in 2 1/2 mos. (Barto-CT). 11805 cd. in 6 wks. (Barto-CT). 9695 cd. in 4 mos. (Barto-CT).

**TINIAN: Voice of America** 11990 cd. in 6 wks. (Barto-CT). 9845 cd. in 2 mos. (Barto-CT).

**USA: Voice of America** 11975 via **Greenville** cd. in 9 wks. w/ 2007 calendar. (Barto-CT).



RADIO FRECUENCIA VH-4TA D.C.  
"La Voz de Colombia"

### Verification Card

Dear *Scott R. Barkman Jr.*  
We thank you for your reception report and keen interest in our programmes.

We are pleased to verify that you heard **Voice of Korea** from 13.32 to 13.52 on 9335 kHz on 21.02. 2007  
Your valuable opinions on our programmes will always be very much appreciated.

Yours sincerely,

The Radio-Television Broadcasting Committee of the DPRK, Pyongyang

QSL

We hereby confirm your reception of:

Station: Ding Guangming Radio  
 Date: 7/12/2001  
 Time (UTC): 2052-2200  
 Frequency: 5825 kHz

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

Radio Liberty 11705 cd.  
 In 3 mos. (Barto-CT)  
Voice of America 9575 via  
Greenville cd. In 2 1/2 mos.  
 (Barto-CT). British Broad-  
casting Corporation 13765  
 via WHRI f/d cd. w/o BBC  
 notation in 6 wks. (Field-  
 MI).

UZBEKISTAN: WYFR Family Radio  
 11520 f/d cd. in 1 mo. w/  
 pocket calendar, schedule,  
 religious materials and 6  
 small and 2 large station  
 stickers. (Field-MI).

GERMANY: Voice of Russia  
"Commonwealth" 15430 via

Julich f/d ltr. in 3 mos. (Barto-CT). I actually ended the Column at  
 Uzbek; however, that same day I rcvd. a long awaited Ltr. from T-System.  
 They are usually prompt verifiers so I was wondering what happened to  
 my reports. I received a very detailed ltr. from A. Sabine Gawol, Back-  
 Office Shortwave Sales. She compiled a list of my rpts by date, time,  
 transmitter location, radio station, frequency,

We gratefully acknowledge your report on

frequency: 7.180 kHz  
 station: Radio Srbija i Crna Gora Samuel Rostko  
 date: 13.3.2005  
 time: 28:32 - 28:50 UTC



**RADIO SRBIJA I CRNA GORA**  
 P.O. Box 200, Hilandarska 2  
 11000 Beograd  
 Srbija i Crna Gora

U.S.A.

**STATION NOTES: Radio Jackie**

9290 via Ulbroka, Latvia  
 v/s Peter Stremes, Manag-  
 ing Director. Attr: The  
 Old Post Office, 110-112  
 Tolworth Broadway Surbiton,  
 Surrey KT6 7JD, Eng-  
 land. Radio Six Inter-  
national 9290 Addr: P.O.

Box 600, Glasgow G41 5SH, Scotland. v/s Tony Currie, Program Director  
Radio Starship International 9290 v/s Jogn Day. Addr: 120 Goring Road,  
 Colchester, Essex, CO4 0DB, England. via PLAY DX...Sam.

customer and remarks for more than 40 reports! I was quite amazed. They

will be listed in the next QSL Column. At the same time I recd. a VOA package containing several QSLs for about 20 reports. Very nice day!...Sam.

QSL

R.E.E.

Radio Exterior de España

Estimado oyente:

Tenemos el gusto de confirmar su

Control de nuestra emisión en.....

11625 KHz de fecha 13-01-04

hora: 21:37:32 UTC.

Le saludamos atentamente.

MARY CDRTÉS

RADIO EXTERIOR DE ESPAÑA

Sr.D.

Scott R. Barbours

U.S.A.

PLEASE NOTE: T-Systems in Germany seems to be using this address: T-Systems Business Services, Medaa and Broadcast, Bastionstraße 11-19, D-52428, Juelich, Germany.

Till next Column...Sam

Sam

# Scoreboard

Gary R. Neal • 4866 N. Wyndham Rd. • Wichita, KS 67219-5501 • grneal@earthlink.net

This month we will be trying something different. In addition to highlighting our members' totals from Oceania, participants are ranked by total countries verified. This is your chance to show everyone how well you are doing. The next deadline is May 15th for the June 2007 issue of the Journal. The spotlight will be on Asia where ranking will be by Asian countries verified.

Name, State	Total		Oceania		Best Oceania qsl
	c/H	c/V	c/H	c/V	
Marlin Field, MI	244	244	23		23R. Kerema 3245 kHz, PNG (250 w.)
Jerry Berg, MA	244	244	21		21Fiji Broadcasting Comm. (250 w.)
Don Jensen, WI	245	241			
John L. Sgrulletta, NY	240	240	20	20	Kiwi Radio, NZ (350 w.)
Harold Cones, VA	234	232	16	14	R. Kiribati
Tom Williamson, ON	243	230	22	22	R. Kiribati
Rich D'Angelo, PA	225	223	20	20	R. Cook Islands
Steven R. Lare, MI	236	221	21	21	Tonga, Marshalls
Chris Lobdell, MA	224	221	20	20	R. Kiribati
Sheryl Paszkiewicz, WI	224	219	20	20	R. Kiribati
Paul Buer, FL	218	207	19	19	R. Cook Islands (500 w.)
Jerry Klinck, NY	220	202	19	18	Fiji BC
Jim Evans, TN	210	201	19	18	RRI Serui
Ron Howard, CA	212	200	22	22	Tonga
George Maroti, NY	206	199	17	16	R. Kiribati
Christos Rigas, IL	217	198	20	19	Cook Islands BC
Dan Robinson, MD	230	196	17	16	Cook Islands
Stephen Leite, MA	209	191	16	16	Cook Islands (500 w.)
Stephen Price, VA	193	174	12	11	R. Kiribati
Ross Comeau, MA	193	172	16	14	R. Kiribati
Allan R. Loudell, DE	192	167	16	15	R. Vanuatu
James R. Renfrew, NY	189	161	13	10	R. Vanuatu
Bob Raymond, NH	175	150			
Mark Humenyk, ON	169	148	12	7	R. New Zealand
Jerry Johnston, KY	209	139	19	13	Cook Islands
George L. Glotzbach, MN	154	136	11	8	VNG
Richard Bradley, MA	145	130			
David Turnick, PA	144	129			
Gary R. Neal, KS	137	126	7	7	VNG
Bill Smith, MA	124	124	8	8	R. Tahiti
Dan Srebnick, NJ	156	121	10	9	SIBC
Paul Brouillette, IL	148	121	10	8	New Calidonia
John Mosman, WI	120	120			
Scott C. Newman, IN	148	113	14	9	R. Tahiti
Richard E. Lawrenson	122	112			R. Tahiti
Scott R. Barbour, NH	164	110	11	6	SIBC Solomon Islands
Jilly Dybka, TN	145	108	11	9	Australian Defense Forces R
Edward G. Stroh, IL	135	104	9	7	R. Tahiti
Jerry Ervine, TX	110	60			
Gary W. Froemming, AZ	184	44	11	5	VNG




# 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:

Mike **AGNER**, Glen Burnie, MD  
Brian **ALEXANDER**, Mechanicsburg, PA  
Dave **ASKINE**, Pasadena, TX  
Scott **BARBOUR**, Intervale, NH  
Jerry **BERG**, Lexington, MA  
Ralph **BRANDI**, Middletown, NJ  
Ross **COMEAU**, Andover, MA  
Rich **D'ANGELO**, Wyomissing, PA  
John **DAVIS**, Johnstown, OH  
Mick **DELMAGE**, Sherwood Park, AB  
Gerry **DEXTER**, Lake Geneva, WI  
Jerry **EVANS**, Germantown, TN  
John **FIGLIOZZI**, Clifton Park, NY  
Bob **FRASER**, Belfast, ME  
Glenn **HAUSER**, Enid, OK  
John **HERKIMER**, Caledonia, NY  
George **HERR**, Playa del Rey, CA  
Ron **HOWARD**, Monterey, CA  
Fred **KOHLBRENNER**, French Creek, PA  
William **McGUIRE**, Cheverly, MD  
Kevin **MIKELL**, Park Ridge, IL  
Jim **RONDA**, Tulsa, OK  
Mark **SCHIEFELBEIN**, Springfield, MO  
Jerry **STRAWMAN**, Des Moines, IA  
Mark **TAYLOR**, Madison, WI  
Dave **TURNICK**, Reading, PA  
Alex **VRANES, Jr.**, Harpers Ferry, WV  
Ken **WILSON**, Georgetown, KY  
Joe **WOOD**, Gray, TN

RX-320, carpet loop, helicals  
NRD-545 AOR AR-7030 100' LW  
Grundig s350 and indoor whip antenna  
R-75, MLB-1, 200' Beverage  
R8 19, 41, 90 meter dipoles  
AOR7030+ DRM, R8, etón E1 300' longwire, T2FD  
R8, 60' LW  
TenTec R340, Lowe HF-150, DX Sloper  
WJ HF1000A, 435' LW  
Collins HF-2050 Ant: KLM Log Periodic  
NRD-515, NRD-545, etón E1  
RX340, 30 m wire, R8B LFE-H800 EF-SWL  
R8B, etón E1XM, A/D DX sloper  
Sony ICF-2003 ICF-SW100S 2m LW  
FRG-7, DX-398, SW-07, ATS-909, YB400 lw  
NRD535 (Kiwa), etón E1-XM, 100' longwire  
G303e. R8B, NRD535, 45' lw, Am Rad active antenna  
NRD545, LW 160', etón E5  
Drake R8, NRD-525, LW  
DX-380  
etón E1-XM, 80' long wire  
NRD-545, R75, etón E1, Eavesdropper  
Kenwood R-5000, Sony 2010, 70' long wire  
R-8, 313e, 60 mtr dipole, mini whip  
R-75, Sat 800, EWE, Eavesdropper  
NRD-545, 2001, Alpha Delta sloper  
Yaesu FRG-100B, 200' dipole, Grove Tun 3, Ameco TPA  
NRD545, 525, R8A, Wellbrook K9AY, ALA1530  
DX-390, Grundig Mini 100 PE, whip antenna 

### ~~NASWA~~eb

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

### Member-to-Member

From: Bob Fraser, 255 Lincolnville Avenue, Belfast, ME 04915-7404

Dave McLaren: Please send me your e-mail address. I get your snail mail O.K. but mine to you comes back "Undeliverable." Thanks, Bob


# Tropical Band Loggings

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

- 2310 AUSTRALIA ABC Alice Springs 1250 mx, M ancr, first time heard in a while; poor 2/17. (Herr-CA)
- 2325 AUSTRALIA VLT8 Tennant Creek 1026-1041 pop vocal, W ID for ABC News; nx to 1035 when back to pop vocals. Poor to fair but no sign of VLK8 Katherine; 1/28. (D'Angelo/FCDX-PA)
- 2485 AUSTRALIA VL8K Katherine 1251 M&W discussion; marginally better than 2310, this frequency plagued by severe local noise; poor 2/17. (Herr-CA) 1214 1225 f/out in EE; W ancr, to contemporary acoustic mx; M maybe interviewing M during f/out. Not // Radio Australia. Poor 2/7. (Taylor-WI)
- 3185 USA WWRB 0116 in EE; noted in passing thru 90 meters with W reading Old Testament bible verses at breakneck speed. Struck me as the exact style opposite of a VOA Special English broadcast! I got a phone call and came back later to hear mention of the "Sons of Liberty Broadcast" with host saying shortwave was the only place to avoid censorship by communist pigs, and he sent greetings to his mom and dad, and other family members. Excellent signal 1/26. (Mikell-IL)
- 3200 SWAZILAND TWR 0326-0331 ending listed Ndebele & into rel instl; apparent IS 0330 & 0331 off. 3240 was much better in listed Shona at 0334. 1/24 (Dexter-WI) 0400 GG preaching & gospel songs; F-G, // 4775 poor; 2/5. (Ronda-OK)
- 3234.8 PERU R. Luz y Sonido 1043-1103 M SS rel talk, M OA vocal 1046, then M w/anmts; fading shortly after 1100; P-F 2/7. (D'Angelo-PA)
- 3255 SOUTH AFRICA BBC Meyerton 0404-0409 EE nx, ID, more nx; good 1/28. (Taylor-WI)
- 3274.96u PIRATE Wal Mart Radio 0333-0404 computer generated M&W alternating word-for-word vocals on songs such as Take A Walk on the Wild Side, Iron Man, and Another Brick In The Wall. Played regular rock after that. Several "This is Wal Mart Radio" IDs heard. Signal was good, but faded out 0404. Apparently relayed by one operator, as this came on abruptly after Punxsutawbey Radio. 2/4 (Comeau-MA)
- 3274.96u PIRATE Punxsutawney Radio 0314-0332 Helium-voiced M played mx inc Little Red Rooster, Good Golly Miss Molly, and song by The Killers. Good signal but intermittent fading & high noise levels. 2/4 (Comeau-MA)
- 3279.69 ECUADOR LV del Napo (P) 0402 M ancr interspersed with beautiful vocals, and some very haunting flute mx - heavily interfered with by what sounded like MARS stations (boy I wish I had an antenna like they do for this band...) No ID heard but very likely them. Strongest 90mb this eve. 2/11 (Agner-MD)
- 3310 BOLIVIA R. Mosoj Chaski 0843 in presumed Quechoa, rustic vocals, man ancr; poor 1/29. (Kohlbrener FCDX-PA)
- 3320 S.AFRICA Sondergrense 2304 pop mx, M&W chatter in Afrikaans; poor 1/28. (Kohlbrener FCDX-PA)
- 3340 HONDURAS R. Misiones Tegucigalpa 0338 impassioned SS preacher, mentions of Cuba, 1/24; also 0245 on 1/26 at very good level. (Dexter-WI) 0454-0526 soft instl mx, M ID 0505, SS rel talk by M&W; M vocal 0518; P-F 2/14. (D'Angelo-PA)
- 3345 S.AFRICA Channel Africa 0302-0340 EE nx by W, IDs & several features about African countries; fair and // 7390 was poor 2/2. (D'Angelo-PA) 0358-0402 EE, African music, M ID 0400 w/6AM TC for Johannesburg; then W w/"Inner Voice" program w/guest speaker from Zambia; good 1/28. (Davis-OH) 0400 W EE ID & freq; M nx headlines, into details; fair 2/6. (Strawman-IA) 0425 EE report on Somalia warlords; F-G 1/31. (Ronda-OK)
- 3385 PNG [New Britain] R. East New Britain 1157-1235 island vocals, M ID & anmts 1200 in Pidgin; more island vocals until an Anne Murray selection at 1216; P-F 1/28. (D'Angelo-PA)
- 3396 ZIMBABWE R. Zimbabwe 0135-0210+ Afro-pops, hi-life mx, EE & vernacular talk; pulse like noise; poor 2/3. (Alexander-PA) 0353 vocals & studio chatter; F-P 2/5. Also 0411, good on 2/12. (Ronda-OK) 0353-0420 M in presumed Shona language over instl mx; choral vocals (NA?) 0355; drums 0359, W ID & nx 0400, ID 0410 followed by a talk feature; fair 1/27. (D'Angelo-PA) 0357 several verses of anthem sung by mixed choral group, then into pops; fair at best 2/6. (Strawman-IA) 0340 vocal groups, poss anthem 0355, talk 0359 & seeming nx 0400; poor 1/24/07. (Dexter-WI)
- 3915 SINGAPORE BBC 2310 EE "The World Today"; greyline enhancement? Poor 2/9. (Wilson-KY)
- 3925 JAPAN R. Nikkei 1110 M&W in JJ; poor 1/29. (Kohlbrener FCDX-PA) 1135 usual light classical mx pgm, // 6055; F-G 2/2. (Ronda-OK) 1355 M&W chatter w/short mx selections; weak 2/3. (Strawman-IA)
- 4052.47 GUATEMALA R. Verdad 0055 rel instls, ID 0059; poor 1/30. (Kohlbrener FCDX-PA)
- 4319u DIEGO GARCIA AFN/AFRTS 2315-2330 EE, NPR nx, "All Things Considered" pgm, 2330 "Market Place" pgm, QRM from USCG wx on 4316; poor 2/2. Key West parallels with much better signals noted on 5446.5(U) and 7811(U). (Evans-TN)

- 4409.8 **BOLIVIA R. Eco** 2335-2350 rustic vocals, MID & TC 2342, female vocal; P-F 1/29. (D.Angelo/FCDX-PA)
- 4635 **TAJKISTAN Tajik Radio** (P) 2228-2243 Vernacular, familiar format of wailing vocals b/w lengthy talks by M&W; poor 2/12. (Barbour-BLDX/NH)
- 4650.3 **BOLIVIA R. Santa Ana** 2318-2332 M long SS talk, another M w/anmts, ads, ID & TC, then pgm of rustic vocals; weak 1/29. (D.Angelo/FCDX-PA)
- 4716.76 **BOLIVIA R. Yura** 2351 W talking over flutes, rustic vocals, ID; poor 1/29. (Kohlbrenner FCD-PA)
- 4716.8, 0113-0127 rustic vocals hosted by Min SS w/talk, ID, anmts; poor 1/30. (D.Angelo/FCDX-PA)
- 4746.8 **PERU R. Huanta** 2000; 2339-0005 OA vocals hosted by M w/SS talk & ID; ad string 2357, then ID; P-F 1/28. (D.Angelo/FCDX-PA) 1014 M w/greetings, local anmts, TCs, slick canned ads, promos; fair 2/16. (Herkimer-NY)
- 4749.99 **INDONESIA RRI Makassar** 1341 haunting style mx w/flutes; F-P above noise level 1/29. (Strawman-IA)
- 4750 **BANGLADESH Bangladesh Betar** 0057-0115 flute mx to ToH, 3+1 time pips, then ID & Bengali nx, W talk at 0108; poor with CODAR QRM 1/30. (D.Angelo/FCDX-PA)
- 4750 **SUDAN R. Peace** 0416-0436 African vocals, M AA talk, canned EE ID by M "This is Radio Peace broadcasting on 4,750 kHz in the 60 meter band. Thank you for listening." Brief instl mx, ID "This is Radio Peace." Another brief segment of instl mx, then M in AA talk; P-F with CODAR splatter 1/29. (D.Angelo/FCDX-PA)
- 4770 **NIGERIA R. Nigeria** \*0429-0507 drum IS, choral NA 0431, M opening ID & EE anmts; drums 0459, then TC & ID prior to news at 0500; P-F 2/7. (D'Angelo-PA)
- 4775 **SWAZILAND TWR** 0350-0355 M in listed Lomwe, hymn, 0354 chimes IS, EE ID 0355; fair with "sweeper" QRM 2/9. (Taylor-WI) 0430-0435 W in GG rel talk; fair 2/17. (Wood-TN) 0416 mx & M in GG but mostly buried in the ever-present noise; 2/7. (Dexter-WI) 0402-0436 M GG preaching, choir vocals; fair 1/19. (D'Angelo-PA) 4774.95, 0351 in language w/ talk, IS, silence 0355-0359, IS again, ID & EE anmt 0359 of upcoming program in German, followed by English to Africa service, then into German program; 1/25. (Brandi-NJ)
- 4775.99 **INDIA AIR Imphal** 1312-1322 in vernacular. Assume it's them slightly off their usual frequency, w/S-C mx & songs, W DJ; 1322 audio seemed to end and there was only an OC. Poor 1/31. (Howard-CA)
- 4777 **GABON R. Gabon** \*0458-0510+ s/on with Afro-pop mx, ID & FF talk 0500, many IDs, Afro-pop mx 0508; F-G 1/12. (Alexander-PA) 0514-0532 M FF ancw w/Afropop mx in FF & lang; nx 0530, ID "Ici Radio Gabon"; good 2/17. (Wood-TN) 0533-0603M FF talk, Afropops, W ancw, ID 0552, drums ToH, nx, Afropops; 2/15. (Taylor-WI) 0510 M FF talk, Afr vocals; poor 2/4. (Dexter-WI)
- 4780 **DJIBOUTI R. Djibouti** \*0300-0320+ s/on w/NA, AA talk 0301, koran 0302-0313, AA talk; poor 2/3. (Alexander-PA) 0302-0314 Koran; fair 1/30. (Kohlbrenner, FCDX-PA) 0356-0426 highlife vocal, ID & nx by M 0400; bridge mx 0407, then M&W talking, childrens vocals w/drums; fair 2/7. (D'Angelo-PA)
- 4780 **GUATEMALA R. Cultural Coatan** 0147 M SS talk over "Wedding March" song with many mentions of "matrimonio"; more mx, 0211 M mention Estero Coatan, then back to 5 minutes more or less of "matrimonio"s. Didn't get the gist of these announcements, as he didn't seem to be mentioning the names of any couples. Fair 1/26. (Mikell-IL) 0220-0233\* M SS talk, pgm of rustic vocals; M canned ID & s/off anmts 0232, instls to off 0233; 2/17. (D'Angelo-PA)
- 4789.98 **INDONESIA RRI Fak-Fak** 1333-1400\* W DJ w/on-air phone conversation, pop songs; fair 1/31. (Howard-CA) 4789.99, 1355 extended talk into pop mx, Song of the Coconut Isle & quick signal fade 1359. F-P mixed w/ CODAR 2/16. (Strawman-IA)
- 4790.1v **PERU R. Visión** 0335-0417 M w/long SS sermon; M ID & anmts 0359, then another rel pgm; fair 1/26. (D'Angelo-PA) 0558 amid pentecostal service, using that word, giving a website including lacosecha.org but could not catch all of it, ID for R. Moderna, 930 in Lima, and another station in Chiclayo, but I could not catch the name and it may have been something else, on MW. Fair reception with constant CODAR swishes 2/17. (Hauser-OK) 4790.14, R.Vision, Chiclayo; 1034-1102+ preaching, talk, anmt over flute, IDs 1100 & 1102, into another talk by M; poor. (Taylor-WI)
- 4796.47 **BOLIVIA R. Mallku** 1005 rustic flutes at t/in, then M w/TC & local anmts, 1015 clear canned ID by woman, into more talk re local economy; fair 2/14 with CODAR. (Herkimer-NY)
- 4799.8 **GUATEMALA R. Buenas Nuevas** 0330 mx, M SS talk, W caller, ID 0351; F-G 2/12. (Wilson-KY)
- 4810 **MEXICO XERTA** (P) 0341 M SS ancw, singing, no CODAR sweeping but some sort of grinding QRM almost equal level with station. 2/3. (Agner-MD) 1115 EZL mx; F-G 2/2. (Ronda-OK) 1206-1251 EZL vocals & instl mx, SS IDs for XERTA & R.Transcontinental de America, website given; fair, with light CODAR swishing 2/10. (Howard-CA)
- 4815 **ECUADOR R. Buen Pastor** 0201 looking for Peru, heard men in a very long winded SS talk, solid ID for HCJB 'Desde Quito' at 0201; heavily splattered on both sides; 2/4. (Agner-MD) Presume Buen Pasor, known to relay HCJB here.[df]

- 4824.5 **PERU LV de la Selva** Iquitos 0418 SS talk, in noise; 2/7. (Dexter-WI) 1105-1127 M&W in SS talk w/another M via remote feed; series of ads 1114, then ID, flute mx segment, and continuation of discussion feature; fair 2/7. (D'Angelo-PA) 4824.48, 0308 W singing w/accordion & other instruments, M ancw w/echo effect, what might have been a NA, then off. P-F, sometimes fading in to almost listenable level, but no specific ID heard; first Peruvian in a very long time; 2/11. (Agner-MD)
- 4825 **BRAZIL R. Canção Nova** 0400 M PP ancw w/group vocals & ID at 0400, instl mx bridge, another man began a rel talk; P-F. //9675 which was fair. (D'Angelo-PA)
- 4830 **INDIA [Kashmir] AIR Jammu** 0206-0240 M Hinditalk, Hindi vocals w/flutes & sitar mx; 0230 ID & nx, more mx; P-F 1/29. (D'Angelo/FCDX-PA)
- 4830 **UNID** 2250-2309 piano mx, brief anmt in lang; ballad 2258, cutr off for talk b/w 2 ancrs at ToH till lost under QRN 2309. Mongolia? Tachira? 2/12. (Barbour-BLDX/NH)
- 4835 **MALI RTV Malienne** 2310-2323 rather nice indigenous mx of stringed & wind instruments accompanied by a children's chorus, brief W ancw over mx on occasion; weak but clear 2/12. (Barbour-BLDX/NH) 4835.37, 2215 FF & lang, Afr vocals, instls, anmts; poor, //5995. 1/28. (Kohlbrenner FCDX-PA)
- 4835.4 **PERU R. Marañon** 1037-1050 M SS, OA vocal, M ID, SS talk, into feature w/twoother males; ad string 1045, TC, W w/song; poor 1/29. (D'Angelo/FCDX-PA)
- 4845 **MAURITANIA RTM** 2204-2244 AA cmtry by 2 M, many ments of Mauritania; good but het 2/3. (Comeau-MA) 2238-2250 M AA talk, later a 2nd M in what sounded like a call-in; fair 1/25. (Evans-TN) 2350-0010 M AA talk, into non-stop modern AA mx, presumed ID 0000, then back to mx; 1/21. (Ronda-OK)
- 4850 **INDIA AIR Kohim** (P) 1133-1146 fade out, M in Hindi nx, snippets of EE 1135; weak 1/30. (D'Angelo/FCDX-PA)
- 4860 **INDIA AIR Delhi** 1231-1243 W EE nx, ID 1235, Hindi vocal; last log before tearing down DXpedition equipment; P-F 1/30. (D'Angelo/FCDX-PA)
- 4865 **BOLIVIA R. Logos** (T) 2350-0109+ long SS talk by W, long vokal by M from 0001, brief talks w/mx selections. None of this appeared of a religious nature and one possible ID 0051 when a meter band was mentioned as signal deteriorated. Tentative at best. Fair 1/29. (D'Angelo/FCDX-PA)
- 4876 **BOLIVIA R. La Cruz de Sur** 2236-2249 M w/mx & SS talk, presumed ID 2238 but too much audio effects to tell for sure; pPoor/weak 2/5. (Barbour-BLDX/NH)
- 4885 **BRAZIL R. Clube do Para** Belem 0505 Pp ID, freq anmts, then mx; good 2/10. (Wood-TN) 0605-0511 M PP ID & freqs, dance mx; good 2/17. (Wood-TN)
- 4885 **BRAZIL R. Difusora** Acrena (Rio Branco) 0224-0310 M in PP talk, till W just before ToH; 0302 anmts, 0304 ID, anmt, poss ad string till 0307 Brazilian pops; fair & improving 2/13. (Taylor-WI)
- 4895 **INDIA AIR Kurseong** 1220-1236 weak Hindi vocals, pips 1230, ID & into presumed nx read by W, 2/17/07. Weak with Hindi vocals, pips at 1230, ID into presumed news read by woman, barely readable at that point; 2/17. (Herkimer-NY)
- 4905 **TIBET Xizang PBS** 2205 M&W in presumed Tibetan, operatic type vocals; //4920, 5240, 7385; 1/29. (Kohlbrenner FCDX-PA)
- 4910 **INDIA AIR Jaipur** 1229 fading up w/M in Hindi, then narrative pgm w/bits of instl string mx between talk segments. Never better than poor and gone by 1241. Delhi-4860 in much better but only carriers on some of the other AIR 60m freqs. 2/11. (Herkimer-NY)
- 4915 **BRAZIL R. Difusora** Macapa (P) 0228-0303+ PP sports, //4885 (R.Difusora, Acreana - positive ID) & 4925 (R.Difusora, Taubate f/out 0230). The same game, presumed on the Difusora network. All 3 radios going at once! Poor, fading in and out just at or above static floor, 2/16. (Taylor-WI)
- 4915 **BRAZIL R. Nacional Anhanguera** 0311-0313 Brazilian pops, ID, more mx; 2/13. (Taylor-WI)
- 4919 **ECUADOR R. Quito** 0335 apparent nx w/actualities; rapid fading, otherwise very good signal 1/30. (Strawman-IA) 0409'0414 two M in SS, 0413 quick "Esta es Radio Quito"; fair 2/9. (Taylor-WI) 0412-0446 talk by two men in SS, one in the studio and one by remote feed; mx bridge 0420, then ID & news; fair 1/25. (D'Angelo-PA) 4919.9, 0644 ID, TC, Andean music; not too distorted 1/25 (Hauser-OK) 4918.99, 1033-1045+ SS ballads, ID 1043; strong but somewhat distorted audio 2/2. (Alexander-PA)
- 4930 **BOTSWANA VOA** 0345 EE "Issues in the News" program, ID 0357; good 2/12. (Ronda-OK) 0415'0419 in EE; end of an article, ID, "News Now"; fair 2/9. (Taylor-WI) 0424-0445 various field reports from "VOA News" in EE, into VOA World News Now feature at 0430. P-F 2/2. (D'Angelo-PA) 0430 EE to Afr pgm while 4960-Sao Tome was barely noticeable; 2/7. (Dexter-WI)
- 4950 **ANGOLA RN de Angola** 0152 Afr pops, pips 0200, ID; poor 1/30. (Kohlbrenner FCDX-PA) 0440-0515 M PP talk, then continuous mx pgm, brief anmt, 2+1 time pips 0500, M ID, Mw/nx; jingle 0510 after nx, another ID; P-F 1/25. (D'Angelo/FCDX-PA) 0501 PP nx, IDs, ments Angola, full ID 0520. (Brandi-NJ) 2102-2125 M PP nx, ID 2106, into pop mx pgm till ID 2115, when talk by M&W began; P-F but steadily improving 1/29. (D'Angelo/FCDX-PA)
- 4960 **SÃO TOME VOA** Pinheira 0419'0422 EE "News Now"; //4930 BOT; poor 2/9. (Taylor-WI)

- 4965 **ZAMBIA Christian Voice** 0403 gospel songs, fair, but better 0419 w/sermon; 2/12. (Ronda-OK) 0422-0438 EE, tribal singing w/ W anc; poss ID 0430; poor with "sweeper" QRM, 2/9. (Taylor-WI) 0435- finally after many tries, came here to find M in sermon, long pgm of devotional mx, signal getting weaker as time went on fighting against local sunrise. No ID heard but likely them. 2/11. (Agner-MD) 2252-2302 rel vocals, ID & anmts 2300; far 1/28. (Kohlbrenner FCDX-PA) 2259-2317 lively M anc w/ID, introducing a Christian pop music program with a reverse countdown. Another ID 2309 after applause. F-G 1/29. (D.Angelo/FCDX-PA)
- 4970 **INDIA AIR Shillong** 1553 lang, pop S-C mx, 1600 into EE, 1602-1629 non-stop classical western orch mx (Vivaldi), 1630 AIR ID; P-F 1/28. (Howard-CA)
- 4976 **UGANDA R. Uganda** 0420-0438 W EE talk, local vocal from 0425; 0429 M talk, ID, chatter; poor 1/27. (D'Angelo-PA) 2046-2102\* M EE talks greeting listeners, reading letters and taking phone calls with occasional local mx selections; ID & close down; fair with some CODAR QRM 1/28. (D.Angelo/FCDX-PA) 2058-2114 M in lang w/mx, hi-life mx; solid ID 2112; //5026; poor, but improving 2/12. (Barbour-BLDX/NH)
- 4985 **BRAZIL R. Brasil Central** M PP talk, jingles, ID; good signal, CODAR on the band, 2/1. (Mikell-IL)
- 4990 **SURINAME R. Apintie** 0435-0512 pgm of oldies vocals, M anc w/ads, jingle ID 0437 & 0501; fair 1/19. (D'Angelo-PA) 0945 mx, "Happy Station" ID; poor 1/29. (Kohlbrenner FCDX-PA)
- 5009.76 **DOM REP.R. Pueblo** Santo Domingo 1100-1115+ tune-in to SS talk, ID 1101; VG 1/19, overcome by local noise by 1115. (Alexander-PA) \*1053-1105+ abrupt s/on w/SS mx, ID anmts 1059 & SS talk; I could not understand if they said Cristal or Pueblo due to the noisy conditions; poor 2/2. (Alexander-PA)
- 5010 **INDIA AIR Thiruvananthapuram** 0205-0245\* M Hindi talks at end of Hindi mx pgm; surprised by quick closedown 0214; F-G 1/29. (D.Angelo/FCDX-PA) 1350 typical flute mx, into Hindi anmts; poor 1/30. (Strawman-IA)
- 5010 **MADAGASCAR R. Madagasikara** 0254 in Malagasy, IS, NA, ID 0259, freq anmt, another ID, talk over music, another ID 0304; very strong tonight, getting noisier by 0330 but still largely intelligible 1/25. (Brandi-NJ) 0258 carrier on, some sort of vocal group and later talk & mx selections; 1/26. Presumed in Malagasy but modulation was quite low, not that I would know the lang. even if were it good. Last noted here in November, 1995. (Dexter-WI) 0318 vocal selection & W in presumed Malagasy; poor 2/12. (Dexter-WI) 0323 in presumed Malgasy, M&W w/mx interludes; fair 1/30. (Strawman-IA) 0347-0350 M&W talk, unaccompanied vocals; 2/10. (Ronda-OK)
- 5014.38 **PERU R. Altura** 1058 morning pgm, M w/local anmts in SS, greetings, kids singing "Happy Birthday" at 1109, into huayno; 2/10. (Herkimer, NY) 5014.39, 0120-0205+ SS talk, ID 0129, ads, promos, variety of OA mx, SS pops/ballads. Weak in noisy conditions 1/13. (Alexander-PA) 5014.4, 0353-0412\* OA vocals, jingle ID 0358, more vocals till carrier cut 0412; P-F 1/29. (D.Angelo/FCDX-PA)
- 5019.88 **SOLOMON IS SIBC** 1241 BBC show about US and Cuba, //9740//6195; fair 2/17. (Herr-CA)
- 5026 **UGANDA R. Uganda** 2057-2102\* talk in unid local language by W, ID prior to choral vocal selection (National Anthem). Poor 1/28. (D.Angelo/FCDX-PA)
- 5030 **BURKINA FASO R. Burkina** 0617-0635 W FF talk, no ID heard. QRM from R. Rebele on 5025 made reception very poor. University Network was off. (Taylor-WI) 2130-2142 M FF talk over drums, nx w/mentions of several African countries; fair 2/5. (Barbour-BLDX/NH) 2352-2400 M in FF w/caller including ID, caller chatting & laughing w/ancr, ID, NA(?), off 2400. University Network missing at this time. Back later in the evening, 1/27. (Taylor-WI)
- 5030 **CHINA CNR1** Beijing 1323 M&W in CC, //4460; excellent 2/17. (Herr-CA)
- 5040.4 **BURMA R. Myanmar** 1150-1222 haunting local vocals, interesting flute melodies hosted by W anc w/ Burmese talks; poor w/flute mx once again doing a nice job making this enjoyable; 1/30. (D.Angelo/FCDX-PA)
- 5050 **CHINA V. the Strait** 1308 W in CC, mixed with another station slightly lower in frequency, probably Guangxi FBS; poor 2/17. (Herr-CA)
- 5075 **CHINA V. Pujiang** 1317 spirited light opera; good 2/17, //4950 was poor. (Herr-CA)
- 5240 **TIBET Xizang PBS** Lhasa 2150-2205 vocal & instl ballads in lang; fair at best, //4905 & 4920-poor; 2/12. (Barbour-BLDX/NH) 2220-2325 local drums, Tibetan talks by M&W; bells 2320, nx pgm; fair //4920 (fair), 4905 (poor to fair), and 7385 (poor); 1/28. (D.Angelo/FCDX-PA)
- 5470 **LIBERIA R. Veritas** 2000-2031EE ID & opening anmts, African vocals; poor 1/28. (Kohlbrenner FCDX-PA) 2030-2102\* M EE ID & freq anmts, then M hosting mx pgm; talk 2042 about Second Bank of Liberia and banking in Liberia; fair 1/28. (D'Angelo/FCDX-PA)
- 5602.6 **PERU LV de los Andes** 0128 rustic mx, animated DJ w/many TCs, local anmts, ments of Piura & Huancabamba; at one point DJ yelled ID/ slogan as "Radio La Voz del Pueblo." (Herkimer, NY) 0133-0202\* M SS lively talk, ID, TC & anmts, pgm of OA vocals; 0156 ID & closedown anmts, choral NA 0200; off 0202; poor 1/30. (D'Angelo/FCDX-PA)
- 5865 **GREECE V. Greece** 0000 in EE, W ID in various langs; F-G 2/14. (Wilson-KY)
- 5900 **RUSSIA DW** Novosibirsk 1313 choral songs, M&W Mandarin talk; fair 2/12. (Ronda-OK) 

# International Band Loggings

Wallace C. Treibel • 357 N.E. 149th Street • Seattle, WA 98155 • nwhikers@msn.com

- 59101v **COLOMBIA Marfil Estereo** Puerto Lleras in SP 2317-0235+, SP vocals, IDs, LA rhythm mx, local romantic ballads, ancmts (Agner MD 1/15, Turnick PA 2/10, Alexander PA 1/13)
- 5915 **ZAMBIA ZNBC Lusaka** in Vern/FR \*0240-0435, 'Call of the Fish Eagle' IS, group singing NA, ID in Vern, morning tribal vocal mx pgm, tlks in Vern, in FR 0429 (D'Angelo/FCDX-PA 1/29, Kohlbrenner PA 1/30, Agner MD 2/3, Alexander PA 1/20, Ronda OK 2/6)
- 5915 **ISRAEL Kol Israel** Jerusalem in AR 0422-0505, many ments of Arafat and Fatah, phone interview, mx break0459, TS, ID at 0500, into nx, fair signal w/fades (Ronda OK 1/26)
- 5935 **CZECH REPUBLIC R Prague** in FR 2300, IS, ID, national/regional nx, f (McGuire MD 1/16)
- 59402 **BRAZIL R Guarujá Paulista** in PT 0205, local pop mx, BR ballads, ancmts, poor w/splatter, //s on 5045 and 33849 both weak (Alexander PA 1/27)
- 5965 **MALAYSIA Klasik Nasional FM** relay via RTM in Malaysian 1601-1703, NA, nx, reciting from the Qu'ran, Islamic nx, jingles, ID for 'RTM, Kuala Lumpur', ads, fair (Howard CA 2/9)
- 59858 **MYANMAR R Myanmar** Yangon in EG 1445, cmntry re the State Constitution, ID 1503, C&W tunes, nx fanfare 1514, TC, nx, wx rpt, mx, t/out 1538, good at t/in, poor at t/out (Delmage AB 1/15)
- 5995 **AUSTRALIA RA** in EG 1350, tlk re State of the Union address and energy policy, IS 1359, ID, nx at 1400, f-p (Ronda OK 1/26) Xmsn from Brandon 10kw to 1400, then Shepparton 100 kw at 1400
- 60095 **COLOMBIA LV de tu Conciencia** Puerto Lleras in SP 0210-0250+, SP ballads, tlks, flute mx, relig? talk, poor w/splatter from Cuba and R Sweden Canada relay (Alexander PA 1/13, Ronda OK 1/24)
- 6020 **ALBANIA China R Int** relay via Cerrik in EG \*0000, ID, nx, rpt on Nigeria, g (McGuire MD 1/19)
- 6035 **COLOMBIA LV del Guaviare** in SP 0107, ballad, solid ID, fair w/new antenna (Agner MD 1/16)
- 6040 **BRAZIL R Clube Paranaense** Curitiba in PT, brief relig talk, mx, TC, ID 'R Parana' (Brandi NJ 1/19)
- 6045 **AUSTRIA AWR Voice of Hope** relay in FR \*0430, IS, ID, relig pgm, f-p (Ronda OK 2/10)
- 60497 **MALAYSIA Asyik FM** via RTM relay in Malaysian 1052-1133, segment of indigenous chanting and singing; "Asyik FM" jingles, pop songs/ballads, Islamic call to prayer, fair (Howard CA 1/27) also in Malaysian 1601-1700\* w/Suara Islam/V of Islam xmsn w/nx, Qu'ran recitals/songs and Islamic mx, IDs 'Radio Suara Islam FM' choral NA at s/off, good signal (Howard CA 2/9)
- 6060 **CHINA PBS-2** Sichuan in CH 0957, pop song, 5+1 pips 1000, ads, CH ballad, ID which consists of a musical fanfare and ID in CH w/fqys and ending w/ID in EG "This is the Voice of Golden Bridge", s/on of Cuba relaying R Nac de Venezuel at 1100 obliterated this xmsn (Howard CA 2/8)
- 6065 **CHINA CNR-2** Beijing in EG 1300-1332, 5+1 pips, Alan Spear and Joy with "This is English Evening on China Business Radio", cmntry re the movie "Prime" w/audio clips, into "Advanced English" pgm at 1330, //6155, 7245, 7315, and 9820 (Howard CA 1/21)
- 6075 **RUSSIA R Rossii** via Petropavlovsk in RS 1227-1300, nice mx pgm, cmnts, ID, g (Turnick PA 1/27)
- 6080 **SINGAPORE RSI** in EG 1154, ID, news, jazz mx, p-f, QRM HCJB (D'Angelo PA, Kohlbrenner PA)
- 6100 **GERMANY VOA** relay of Radio Aap ki Duniyaa via Lampertheim in Urdu \*0100, IS, ID, regional nx, mentions of Pakistan, good (McGuire MD 1/19)
- 6120 **SOUTH AFRICA Channel Africa** in SH 0330-0358\*, 2 OM's in talks, ments Ghana, Nigeria, Angola, and Congo, lively Afro pop mx but mostly talk, ID in EG at s/off, fair (Ronda OK 2/5)
- 6140 **RUSSIA V of Russia** relay via Chita in VT 1248-1300\*, pop mx, chimes IS, f-p (Howard CA 1/28)
- 6150 **ALASKA KNLS** Anchor Point in EG 1234, tune by Seal, soft-sell relig discussion, IDs as both KNLS and "The New Life Station", s/off 1259, f-p (Schiefelbein MO 1/14)
- 6185 **MEXICO R Educacion XEPPM** Mexico City in SP 1507, again active in the daytime with feature discussing guitar mx, ID, obituary for a movie producer, exc w/S9+15 signal (Hauser OK 1/22) in SP 0327 with ID and program of classical mx, fair reception w/QRM from Havana (Ronda OK 1/29)
- 61934 **PERU Radio Cusco** in SP 1040, ancmts, huaynos, ID, fair w/adj channel splatter (Alexander PA 1/19)
- 6195 **SINGAPORE BBC** relay in EG 1248, report on Scottish nationalism and the new Scotland parliament, //9740 also Singapore relay, both fqys fair reception (Schiefelbein MO 1/13)
- 6200 **CZECH REPUBLIC R Prague** in EG 0103, news, weather forecast, ID, g (McGuire MD 1/26)
- 62501 **NORTH KOREA PBS** Pyongyang in KR, pgm of Asian vocals, f, //63987 (Kohlbrenner PA 1/29)
- 6250 **LITHUANIA VOIRI** (Iran) relay via Sitkunai in SP 2100, talk by YL, Iranian vocals, ID, nx summary, instrumental mx until carrier cut, fiar (D'Angelo PA)

- 6255 **LITHUANIA KBC** (Holland) relay via Kitkunai in EG \*2200-2259\*, back on the air (Saturdays only), pop mx with DJ b/w songs, acknowledging rpts, ads, E-mail address, frequent IDs, rock mx, oldies, off without closing ancmt in mid Fats Domino song (Berg MA 2/10, D'Angelo PA 2/3, Turnick PA 1/27, Herkimer NY 2/3)
- 6536v **PERU RIV del Rondero** Huancabamba in SP 0145-0203\*, talks, OA folk mx, many mentions of Huancabamba, ID 0203 and off, fair w/ some occasional ute QRM (Alexander PA 1/6)
- 7145 **NEW ZEALAND RNZI** in EG 1414, reading of "In the Air" an autobiography of a pioneer New Zealand broadcaster, billboard details, modern Maori vocals, good (Ronda OK 2/6)
- 7250 **VATICAN CITY VR** in EG 2055, feature on Writing the Gospels, g, //5885 (Fraser ME 1/21)
- 7295 **MALAYSIA Traxx FM** via RTM in EG 1530, promos for the "Ghost Rider Convoy" - motorcycles riding thru Kuala Lumpur and Petaling Jaya sponsored by the station, pop songs w/DJ, sports news from the "News Center in Kuala Lumpur", fair (Howard CA 2/10)
- 7345 **SLOVAKIA R Slovakia** in EG 1930, "Sunday Newsreel", Letterbox, fair, //5915 (Fraser ME 1/21)
- 7390 **SOUTH AFRICA Channel Africa** in EG 0318, short Afro-pop vocals, long rpt on current economic problems in southern Africa, rpt on Black History Month, ID 0345 (Ronda OK 2/12)
- 7415 **USA WBCQ** Monticello, ME relay of Brother Stairs Overcomer bcst in EG 2015-2105, tirade about the Super Bowl is on the road to destruction, ID w/jingle, ad for a water purification system, live program "Financial Survival", ad for gold coins, good (Mikell IL 2/6)
- 7450 **GREECE R Makedonias** in GK 2212, steady GK folk mx, IDs, NA 2250, off 2251 (Comeau MA 2/4)
- 9290 **LATVIA R Marabu** via Ulbroka in GM 1211, pop mx, frequent MARABU promos. Stayed with it until 1300 sign off (Herkimer NY 1/28) in GM/EG 0930-1040+, t/in dto KWRN pgming with Euro-pop mx anmts in GM, a few in EG, ID, into R Marabu pgming at 1000 w/IDs, Euro pops (Alexander PA 1/28) in EG \*1300, on afte Marabu closed w/ID, into pgm w/YL talking abt Latvian history, culture, econ development, pop mx thrown in, closedown 1400\* w/canned anmts, address (Herkimer NY 1/28) in GM 0926-1003, lots of oldie mx like "Teen Angel" and a few Drifter tunes, p (Turnick PA 2/10)
- 9410 **CYPRUS BBC** relay in EG 0618-0649, "World Today" and "World Football Report" (Wood TN 1/10)
- 9425 **INDIA AIR** Bangalore in EG/HD 1430, nx in EG, ID, brass band tune in HD, f (Taylor PA 1/26) in HD 2205-2245, sub-cont vocals, YL w/ancmts, TS, ID in EG 2230, into nx in EG, slow-paced music, fair-good w/some signal flutter (Ronda OK 1/23)
- 9450 **CHINA CRI** Shijiazhuang in RS 1440, YL/OM alternating announcers, IDs 1445 and 1453, fqy, sked, and other ancmts, traditional CH mx continuity, and s/off 1456 (Taylor WI 1/26)
- 9465 **NORTHERN MARIANAS KFBS** Saipan in RS 1540-1600\*, FEBC Russian pgm w/man preaching, gospel song, ancmts at s/off, fair level w/considerable fading (Ronda OK 2/6)
- 9480 **USA BBC** relay via Cypress Creek, SC in EG 2200, ID, rpt on Israel, ment EU, g (McGuire MD 1/24)
- 9505 **PHILIPPINES R Veritas Asia** in IN 2322-2327\*, relig tk by OM, f, //11820 p (D'Angelo FCDX 1/28)
- 9525 **GERMANY Polish Radio** relay in EG 1304, nx, Valentines Day Competition, IDs, "Insight Central Europe" program, fair to good reception (D'Angelo PA 1/20)
- 9525v **INDONESIA V of Indonesia** Jakarta in EG 1554, gamelan music w/IDs in EG, the ID tape had drums and flutes b/w announcements, ID in AR at 1601 (Davis OH 2/4, Hauser OK 2/7)
- 9535 **THAILAND R Thailand** in EG 2033, news, ID as "Radio Thailand News", items re Thailand and Royal Thai Government, close down w/fqy, ID, into Thai pgm 2045, p-f (D'Angelo FCDX-PA 1/29)
- 9565 **PORTUGAL Deut Welle** relay in SH \*0300, IS, ID, African svce, ment Somalia (McGuire MD 1/17)
- 95993v **MEXICO XEYU Radio Unam** widely rptd in SP throughout the day from 0830-2245, much classical mx, ID as R Unam and R Universidad, good modulation, QRM around 1000 from RHC Havana, talks only occasionally (Berg MA 1/21, Hauser OK 1/22, Alexander PA 1/27, D'Angelo FCDX-PA 1/29, Ronda OK 1/30, Herkimer NY 1/30, Taylor WI 2/4, Strawman IA 2/10) ED: Return frequency?
- 9665v **BRAZIL R Marumby** Florianopolis in PT 0150, tlks to 0200, fanfare, ID, vocals, poor (Taylor WI 2/5) in PT 0410, religious mx and talks, weak but in the clear, //117499v poor (Alexander PA 1/28)
- 9675v **BRAZIL R Canção Nova** in PT 0135, relig mx/talk, ads, promos, g, //4825v, fair (Alexander PA 1/27)
- 9675 **COSTA RICA REE** (Spain) relay in SP 0532, two YL annrcs w/ID, commentary, and easy listening mx, very good reception (Wood TN 2/10)
- 9680 **INDONESIA RRI** Jakarta in EG 1004, Kang Guru singing jingle, KGRE pgm w/vocabulary re school shirts, pop mx, interview w/young Indonesian actor, western songs, QTH to write for free magazine (P.O. Box 3095, Denpasar, Bali), fair Howard CA 1/28) ED: This xmsn heard on Weds and Suns.
- 97042 **ETHIOPIA R Ethiopia** Addis Ababa in Amheric 1951, Horn of Africa instrum'l mx hosted by YL with talk, ID and closing ancmts followed by choral NA, s/off 2001\*, poor (D'Angelo PA 2/3)

- 9705 **NIGER IV du Sahel** Niamey in FR/Vern 2054-2150, talk by YL in Vern to 2100, then OM with news? or discussion that sounded more like a lecture, local mx, OM in FR 2141, more mx, drums and flutes, fair reception (Evans TN 1/18) in FR 2150-2301\*, tribal drums, ID, talks, variety of hi-life mx, Afro pops, phone tlk, s/off w/choral NA, good until AIR s/on at 2243 (Alexander PA 1/20) in FR 2137, pgm of African rhytm pop mx w/DJ talk, f (Turnick PA 1/20) in FR 2150, talk at t/in, ID QRM'd by listener's barking dog at ToH, nx? 2209, live phone-ins, mx, good until AIR s/on covered by s/on at 2244 (Delmage AB 1/27) in FR 2235, tlks by 2 OMs, Koran chants, NA 2303\* (Ronda OK 1/24)
- 9725 **THAILAND R Thailand** in EG 1409, lucked out w/absence of Dr. Scott from Costa Rica, hrd feature on Mongolia and Genghis Khan revival, promo, "Information Thailand" 1415, at 1429:30 transmission cut off in mid-sentence exemplifying lack of communication b/w studio & xmtr (Hauser OK 1/29)
- 9755 **ROMANIA RRI** in EG 2140, ID, YL w/tlk re cathedrals and the Ortodox Church in Transylvania and Slovenia, poor (Wood TN 1/27)
- 97801v **YEMEN Rep of Yemen Radio Sanaa** in AR 0402, traditional AR mx w/short comments by YL/OM, fair signal w/very deep fades (Evans TN 1/28) in EG 1850, t/in to Kenny Rogers mx, nx at 1855, ID, poor reception in high noise level (Alexander PA 1/6)
- 9800 **MONACO Trans World Radio** relay in EG \*0758, IS, ID, religious mx/talk, poor (Evans TN 1/25)
- 9825nf? **USA Radio Marti** in SP 0058-0135, news to Cuba, ID 0157, exc (Askine TX 13)
- 9885 **BOTSWANA VOA** relay in EG 0405, ID, regional nx, "Daybreak Africa", poor (McGuire MD 1/19)
- 9885 **MOROCCO VOA** relay in EG 0527, "Today in History", "Our World" features, g (Wood TN)
- 9930 **HAWAII KWHR** Naalehu in EG 1444. country-gospel mx, occasional quick audio dropouts but none of the usual CH heavy jamming (Hauser OK 1/21)
- 11620 **INDIA AIR** Bangalore in EG 2151-2225. very nice sub-cont mx in progress at t/in, no talk b/w songs, ID at 2200, nx, cmntry re perspective on global warming/India/China, "From the Archives" feature, f-p (Mikell IL 2/7, Wood TN 1/27)
- 11665 **UNITED KINGDOM BBCWS** in EG 1800\*, sports rpt, African svce, ID, good (McGuire MD 1/18)
- 11665 **RWANDA Deut Welle** relay in Hausa \*1800, ID, African svce, regional nx, fair (McGuire MD 1/18)
- 11690 **JORDAN R Jordan** in EG 1628, pop mx, ID, more pop mx selections, strong signal (Evans TN 1/18)
- 11690 **RWANDA Deut Welle** relay in GM/EG 2205, t/k re the Mideast and King of Jordan (Wood TN 1/27)
- 11735 **TANZANIA RT Zanzibar** in SH 1900, nx, pop music, talk, ID 2058, NA, s/off 2059 (Evans TN 1/18)
- 11820 **PHILIPPINES R Veritas Asia** in IN 2327\*, relig vcls, close ancmts, //9505 (Kohlbrener FCDX 1/28)
- 11855 **ASCENSION ISLAND R Japan** relay in EG \*2100, IS, ID, economic nx, QRM (McGuire MD 1/24)
- 11875 **ASCENSION ISLAND WYFR Family Radio** relay in EG 2237-2313\*, mailbag, relig instruction pgm for children, "To God be the Glory" used as bridge throughout bcst, vg (Wood TN 1/27)
- 11970 **CANADA China R Int** relay in EG 2305, nx, feature on Nixon's trip to China, f (McGuire MD 1/22)
- 12085 **SYRIA R Damascus** in GM 1803, traditional AR mx, ID, talk, ute QRM, poor (Evans TN 1/19)
- 13735 **SAO TOME VOA** relay in FR 1952-2031\*, phone conversation, ID, Spanish guitar and flamenco mx, lots of 'bon soir' greetings to listeners in Africa, IS at s/off, fair w/fades (Mikell IL 1/24)
- 13750 **CUBA R Nacional Venezuela** relay in SP 1504, promo about the Feb-Mar international book fair in Cuba, feature "Somos Jovenes", //11670, 11875, 13680, 17750 all weaker (Hauser OK 2/4)
- 13780 **RWANDA Deut Welle** relay in AR 2100, ID, news, items re Iraq and Hezbollah, f (McGuire MD 1/22)
- 13865usb **ICELAND Ríkisutvarpid** Reykjavik in IC 1837-1908\*, news? by several reporters, short theme/tones and ancmts, usual abrupt sign off of xmsn, f-p (Evans TN 1/26) Rare logging in Tennessee
- 15120 **NIGERIA V of Nigeria** Ikorodu in EG \*1700-1830+, s/on w/Afro pop mx, ID, news, fair signal strength but typical VON audio w/some pgms giving vg audio and others poor (Alexander PA 1/13)
- 15140 **OMAN R Sultanate of Oman** in EG \*1400-1500+, s/on with US pop mx, Euro pops, promos for local concert, chimes/gongs, into AR 1439 w/Euro & AR pop mx, ancmts, f with hum (Alexander PA 1/27)
- 15400 **ASCENSION ISLAND BBC** relay in EG 2159, OM/YL with talk of British Airways regulations easing the display of religious medals, fair (Wood TN 1/19)
- 17725 **FRANCE V of Africa** relay via Issoudon in AR/EG 1400-1557\*, t/in to AR programming but over to EG at 1402, ID, Afro-pop mx, feature re human rights in Libya, news 1433, fair w/slight hum at 1400, lower modulation and stronger by 1500, barely audible by 1540, //17850 (Alexander PA 1/13)
- 17810 **LEEWARD ISLANDS R Nederland** relay in EG \*1900, TC, ID, 'Euroquest', g (McGuire MD 1/22)



## Clandestine/Opposition Stations

- 6300 **ALGERIA RASD Radio Nacional de la Republica Arabe Saharaui Democratica** relay to Western Sahara in AR 2130-2334, long talks and regional vocals, into SP pgm around 2305 w/ID, more long tlks good reception on yet another fqy change (D'Angelo FCDX-PA 1/28) in AR 0825-1000\*, talk, many mentions of Saharaui, local pop mx, abrupt s/off, vg (Alexander PA 2/2) in SP 2345, local songs with a pop twist, closing ancmts over piano mx, ended w/rough marching band version of the RASD NA and off at 2359 (Herkimer NY 2/2, Ronda OK 2/3)
- 7380 **SOUTH AFRICA V of Biafra International** relay in EG 2131-2159\*, news analysis re abuse of oil in delta region of Nigeria, ID 2138 followed by talks in Ibo and commentary in EG, s/off with group singing, fair (D'Angelo PA 2/3)
- 9875 **UNITED KINGDOM Radio Solh** relay via Rampisham in Pashto 1607-1644, Afghan mx, occasional brief comments, ID 1635, short talk and back to mx, f-p (Taylor WI 2/10)

## Digital Reception

- 5990D **LUXEMBOURG R Luxembourg** in FR 2049, pop mx concert by YL singer, length talks by singer, nx headlines, jingle ID 2101, S/N 17-19 dB, about 95% intelligibility but still some significant and noticeable dropouts on this 14.56 kbps signal (Brandi NJ 1/21)
- 6095D **LUXEMBOURG R Luxembourg** in GM 2023, US pop rx, ID 2046, best hits of the past 50 years, marginal signal, mostly not audible, but enough to hear snatches of audio and identify songs, 12 dB S/N ratio not quite strong enough for this 14.56 kbps transmission (Brandi NJ 1/15)
- 7145D **NEW ZEALAND RNZI** in EG 1301, news, music, strong signal, S/N ratio 19 d/B at t/in with 100% audio but down to about 16 d/B by 1310 with brief dropouts (Brandi NJ 1/19)
- 9890D **NEW ZEALAND RNZI** in EG 1257, Elvis Costello "Jack of All Parades", fqy closure announcement, IS, then off (Brandi NJ 1/19)
- 13620D **KUWAIT R Kuwait** in AR 1320, techno mx, talk by YL, s/off 1329, marginal reception with about 50% copy on this 11 kbps signal at about 11-14 d/B, surprisingly good given QRM from WYFR Family Radio on 13615 (Brandi NJ 1/19)
- 17875D **FRENCH GUIANA R France Int** relay in FR 1953, news, talk at 2000, ID at end of one actuality by reporter, mentions of French presidential candidate Nicolas Sarkozy, football club Paris St. Germain, ID 2010, web address, abrupt s/off 2018, test xmsn from Montsinery to New York City, today only, very strong signal, 25 d/B S/Nratio, only 14.56 kbps, down to 20 d/b at 2013 but still solid reception, 17 d/B at 2017 (Brandi NJ 1/15)
- 21620 **FRENCH GUIANA R France Int** relay in FR 1915, pgm about Cuba, occasional IDs, pips, TC 2000, into news in French, off in mid-sentence at 2020, S/N ration at t/in with solid copy, but varying considerably over the course of the hour, dropping as low as 10 dB, with many lengthy dropouts (Brandi NJ 1/21)



## Company Store

Mike Wolfson KB8TYT • 1842 Mifflin Ave. • Ashland, OH 44805 • mwolfson@bright.net


Hello everyone. The Fest is only a few days away when you'll be reading this and the excitement is building. I hope many of you are able to attend. Its always a great weekend and gives attendees a chance to put a face to name. From what I have seen of the schedule, it looks like another great weekend. I would like to remind everyone about the WRTH CDS (1947-1958 and 1959-1970) we're selling as well as the 2007 versions of the WRTH and Passport. Finally don't forget our offerings like sweatshirts, t shirts hats and coffee mugs to make long DX sessions more enjoyable.

At this point, I have to announce that I am stepping down as manager of the Company Store. It's been a real pleasure to serve in this position and to help out the club. The time has come, however, to pass the baton on to someone else. Jim Strader has stepped forward and has accepted the job. His e-mail address is jimstrader@msn.com and his mailing address is: Jim Strader, 74 Miller Street, Middleborough, MA 02346-3216. I will accept orders for the "Store" until the Fest. Orders that I receive after the Fest will be forwarded to Jim to fill. New orders placed after the Fest should be mailed to Jim. It's been good to work with all of you. Good DX. Mike



# 20th Anniversary(!)

## Winter SWL Fest

Sponsored by 

March 8-10, 2007

Best Western—The Inn at Towamencin

(formerly Holiday Inn),

Sumneytown Pike, Kulpville, Penna.

Expanded to three days to celebrate 20 years! Plan to attend your favorite forums Thursday through Saturday! Enjoy meeting with your friends in the Hospitality Room. Bring radio related items for the swap meet or to donate for the Silent Auction. Check out your friends' receivers, bring one of your own for others to try!

No frills; just shortwave, longwave, mediumwave, pirates, and scanning. Once again you will enjoy the camaraderie of your hobby friends.

Please note, there is an incentive for you to pre-register, as prices are more expensive for those who wait. Registration options are also more flexible than in the past, with new one-day and student registrations. If you wish to participate in the meals, you must register and inform us that you will be attending by Thursday morning, March 8th. If you choose not to participate in the meals, the hotel has a restaurant, and there are other restaurants nearby.

Your registration must be received by February 28, 2007 for the best prices; registrations received after that date are priced higher. See the registration form below.

Many things, like the raffle, remain the same:

**GRAND PRIZE** To be announced

**SPECIAL** Register early to win a sw portable! One free entry for an early-bird registration received by February 16, 2007.

Please bring items for the Silent Auction. At least half of the proceeds are donated to charity.

Checks should be made payable to WINTER SWL FEST. Register directly with the hotel for your rooms by calling the Best Western at (215) 368-3800. For 2007, one special rate \$75 single or double! Tell the hotel staff you're with the WINTER SWL FEST to receive this special room rate. *You must make your reservation directly with the hotel to receive this rate; reservations via the Best Western 800 number or web site are not eligible for this rate.* Up to the minute info. can be found on the WINTER SWL FEST Web Page at <http://www.swlfest.com/> or from <http://www.naswa.net/>.

The Best Western—The Inn at Towamencin is located at Exit 31 of the PA Turnpike Northeast Extension-Lansdale Interchange. Improved access from the south with the Blue Route (I-476)—ask for details. Limo service is available from Phila. Intl Airport directly to the hotel.

Please submit the following form with your registration amount or send for more information to:

SWL WINTERFEST, P.O. Box 4153

Clifton Park, NY 12065

NAME: \_\_\_\_\_ (SPOUSE'S NAME) \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ E-MAIL: \_\_\_\_\_ (REQ. FOR REG. CONFIRMATION)

### CHECK ONE OR MORE

REGISTRATION RECEIVED BY  
FEBRUARY 28, 2007:

- Full (\$52)
- Three-Day Partial (\$22)
- Two-Day Partial (\$17)
- One-Day Partial (\$9)
- Lunch-only Saturday (\$23)
- Spouse Lunch-only Sat (\$13)
- Full Spouse / etc. (\$37)
- Banquet only (Spouse) (\$19)
- Student (\$5)

LATE OR ON-SITE REG. RECEIVED  
AFTER FEBRUARY 28, 2007:

- Full (\$60)
- Three-Day Partial (\$25)
- Two-Day Partial (\$20)
- One-Day Partial (\$10)
- One-Day Partial w/Lunch (\$25)
- Full Spouse/son/daughter (\$45)
- Banquet only (Spouse) (\$25)
- Spouse etc. Lunch-only (\$15)
- Student (\$5)

BANQUET:

- Roast Beef
- Chicken

RAFFLE TICKETS:

- raffle tickets, please  
(\$1 ea./ 6 for \$5/ 13 for \$10)
- Registration Fee Enclosed \$ \_\_\_\_\_
- Raffle Tickets Fee Enclosed \$ \_\_\_\_\_
- Total Check/Money Order \$ \_\_\_\_\_

*Registration is not transferrable; cancellations after February 28, 2007 cannot be refunded, however we will refund raffle ticket money if you have to cancel.*

# Company Store

Mike Wolfson KB8TYT • 1842 Mifflin Ave. • Ashland, OH 44805 • mwolfson@bright.net

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

## Publications

<b>Shortwave Listening Guidebook</b> 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.
<b>Joe Carr's Receiving Antenna Handbook</b> 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.
<b>Joe Carr's Loop Antenna Handbook</b> Comprehensive but readable guide to understanding and building loop antennas.	\$16.50 +4.00 s/h US +8.00 s/h Can.
<b>Radio Monitoring: the How-to Guide</b> 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.
<b>Passport to Worldband Radio 2006</b> Great source of information about shortwave stations, frequencies in use and schedules.	\$20.95 +4.00 s/h US +8.00 s/h Can.
<b>World Radio and TV Handbook 2006</b> Long considered to be the bible for shortwave listeners.	\$27.95 +4.00 s/h US +8.00 s/h Can.
<b>Fine Tuning's Proceedings Reprint Catalogs</b> Complete list of articles from this hobby classic published between 1988 and 1995. Choose from 1) 5 page abridged version with article titles or 2) 20 page deluxe version with article abstracts.	1)\$2.00 ppd 2)\$5.00 ppd
<b>1947-1958 WRTH CD</b> High quality CD compilation of the 1947 to 1958 editions of the World Radio and TV Handbook.	\$60.00 ppd
<b>NASWA Country List and Awards Program Booklet</b>	\$3.00 PP US \$5.50 elsewhere
<b>NASWA T-Shirts</b> Return of a favorite in NASWA blue with the club logo.	\$14.00 S-XL 16.00 XXL +4.00 s/h US +8.00 s/h Can.
<b>NASWA Sweatshirts</b> Return of a favorite in NASWA blue with the club logo.	\$22.00 S-XL 24.00 XXL +8.00 s/h US +16.00 s/h Can.
<b>NASWA Coffee Mugs</b> 11 oz. white mug with the club logo on two sides. Return of a favorite with the club logo in NASWA blue.	\$5.50 +5.50 s/h US +11.00 s/h Can.
<b>NASWA Ball Caps</b> NASWA blue ball cap with velcro closure and NASWA logo embroidered on the front	\$12.00 \$3.00 s/h US \$6.00 s/h Can.

Please make all checks payable in U.S. funds to "The NASWA Company Store".



North American Shortwave Association  
45 Wildflower Road  
Levittown, Pennsylvania, 19057

First Class Mail  
U.S. Postage  
PAID  
Levittown, PA  
Permit No. 319

## FIRST CLASS MAIL



ISSN 0160-1989

The Journal of the  
North American Shortwave Association

**Executive Director:** Richard A. D'Angelo, 2216  
Burkey Dr., Wyomissing, PA 19610

**Publisher / Business Manager:** Bill Oliver, 45  
Wildflower Road, Levittown, PA 19057

**Executive Council:** Jerry Berg, Ralph Brandi, Dr.  
Harold Cones, Richard Cuff, Rich D'Angelo,  
Fred Kohlbrenner, Bill Oliver

### EDITORIAL STAFF

**Managing Editor:** Dr. Harold Cones, 2 Whits Court,  
Newport News, VA 23606

**Desktop Publishing/Graphics:** Ralph Brandi, P.O.  
Box 491, Lincroft, NJ 07738

**Easy Listening:** Richard Cuff, 42 North 37th Street,  
Allentown, PA 18104

**Shortwave Center:** John Figliozzi, 45 Algonquin  
Rd., Clifton Park, NY 12065

**Technical Topics:** Vacant

**Equipment Reviews:** Alan Johnson, N4LUS 2490  
Sharon Way, Reno, NV 89509

**Adrian Peterson's Diary:** Dr. Adrian M. Peterson,  
Box 29235, Indianapolis, IN 46229

**NASWA Awards:** Gary R. Neal, 4866 N. Wyndham Rd.,  
Wichita, KS 67219-5501

**Listener's Notebook:** Al Quaglieri, P.O. Box 888,  
Albany, NY 12201-0888

**Pirate Radio Report:** Chris Lobdell, P.O. Box 146,  
Stoneham, MA 02180-0146

**QSL Report:** Sam Barto, 78 Blakeman Rd.,  
Thomaston, CT 06787

**Scoreboard:** Gary R. Neal, 4866 N. Wyndham Rd.,  
Wichita, KS 67219-5501

**Kim's Column:** Dr. Kim Andrew Elliott, 5001 25th  
Street North, Arlington, VA 22207

**Distributing Editor:** Bob Montgomery, P.O. Box  
1458, Levittown, PA 19058

**Tropical Band Loggings:** Dan Ferguson, 4205  
Friendfield Trace, Little River, SC 29566

**International Band Loggings:** Wallace C. Treibel,  
357 N.E. 149th St., Shoreline, WA 98155

**English Schedules:** Mike Barraclough & WDXC,  
39 Sollershot Hall, Letchworth Garden City,  
Hertfordshire SG6 3PW, United Kingdom

**The Company Store:** Mike Wolfson KB8TYT, 1842  
Mifflin Ave., Ashland, OH 44805

### MEMBERSHIP FEES:

United States (First Class Mail) ..... \$29.00

Canada & Mexico (First Class Mail) ..... \$29.00

Overseas (Priority Mail):

Central & South America and Europe ..... \$36.00

Asia, Africa and Pacific ..... \$40.00

All remittances must be in U.S. funds and mailed to:

**NASWA**  
45 Wildflower Road  
Levittown, PA 19057  
U.S.A.

**NASWA**  <http://www.naswa.net/>

