

The **NASA** Journal

VOLUME XLVIII NUMBER 1

JANUARY 2009

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North American Shortwave Association — America's Shortwave Broadcast Club

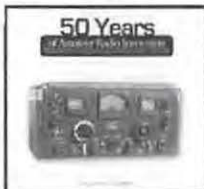
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PASSPORT TO WORLD BAND RADIO 2009
By Larry Magne. A *must have* book for every worldband listener. Here is everything you need to know about when and where to hear the world; hour by hour, country by country and frequency by frequency. Also includes 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 shorthand guide. An indispensable reference with 528 pages!

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By Joe Veras, K9OCO. This guided tour of more than 400 legendary radios from 1930 to 1980, depicts the Golden Age of American radio technology. Each truly beautiful photograph by Joe Veras, K9OCO, includes a brief description, the year the radio was introduced and its selling price at the time. Many of the radios and accessories are quite rare, others are sure to bring fond memories. ©2008 A.R.R.L. 128 p.
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KING OF THE SATELLITES SIX FIVE O
By Thomas Baier. Clearly the famous 650, was the "king" of the Satellite line. Author Baier, draws from his sources in Germany to cover this famous 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. A great reference for anyone lucky enough to own a 650.
Order #0650 \$19.95



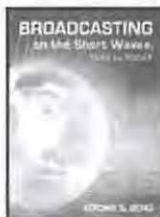
WORLD RADIO TV HANDBOOK 2009

This long established publication is filled with schedules, frequencies and addresses of shortwave broadcast stations. Organized primarily by country. Also includes a by-frequency listing of shortwave broadcast stations, radio club info., plus receiver reviews. *WRTH Pub.* 2009 63rd Edition.
Order #3009 \$34.95 \$29.90



WORLDWIDE LISTENING GUIDE

By J. Figliozzi. Modeled on the author's popular *Worldwide Shortwave Listening Guide*, this new book covers all of today's formats: live on-demand, podcast, satellite, internet, digital, analog, AM, FM, shortwave and wi-fi. A comprehensive guide to what can be heard how, where and when! Spiral bound. 112 p. ©2008.
Order #0275 \$24.95



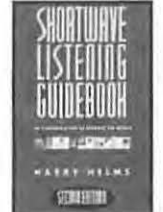
BROADCASTING ON THE SHORTWAVES 1945 TO TODAY
By Jerome S. Berg. The heart of the book, *Shortwave Year-by-Year* is a detailed account of the shortwave bands in each year from 1945 to present. It reviews what American listeners were hearing on the shortwave bands, describes the arrival and departure of stations, and recounts important shortwave events. ©2008 McFarland 384 p. List \$65.00.
Order #2549 \$59.95



LISTENING ON THE SHORTWAVES 1945 TO TODAY
By Jerome S. Berg. Written from the standpoint of the serious shortwave enthusiast, this book examines the histories of the major North American shortwave clubs, DX programs, a chronology of the shortwave receivers, how receiver technology impacted listening plus PCs and shortwave listening. ©2008 McFarland 424 p. List price \$65.00.
Order #1651 \$59.95



ZENITH TRANS-OCEANIC THE ROYALTY OF RADIOS
By J. Bryant & H. Cones. Here is the untold story of the world's most romantic and expensive series of portable radios. With a wealth of photographs, ads and documents, the authors tell the engrossing story of the 40 year history of this famous line of radios. Expanded Second Edition. ©2008 Schiffer. 176 p. List \$34.95.
Order #5144 \$29.95



SHORTWAVE LISTENING GUIDEBOOK
By Harry Helms. Here is understandable information on: selecting and operating a shortwave receiver, antennas, time stations, pirates and much more. With informative tables and diagrams. This noted author gives you a solid understanding of shortwave radio. ©1993 Second Edition 321 p.
Order #2984 \$19.95 \$17.90

2009 ARRL HANDBOOK FOR RADIO COMMUNICATIONS
This massive 2 inch thick volume is the ultimate reference book for hams and techs. For all skill levels. With CD's. 86th Ed. ©2008. A.R.R.L. Softcover 1200 p. List \$44.95.
Order #5187 \$99.95 \$34.90

2008 ARRL HANDBOOK FOR RADIO COMMUNICATIONS
The 2008 59th Ed. with CD. Closeout.
Order #5024 \$44.95 \$22.98

DISCOVER DXING! HOW TO HEAR DISTANT AM, FM & TV STATIONS
By J. Zondio. A great intro to DXing the AM, FM and TV bands. Topics include: propagation, seasonal conditions, equipment, antennas and reference materials. Third Ed. ©2006 Universal Radio. 96 p.
Order #0009 \$6.95



UNIVERSAL CATALOG 08-08
This informative, new 124 page catalog was printed October 2008. It features a wide assortment of items for the shortwave, amateur and scanner radio hobbyists. It is not being sent out automatically, so request your **FREE** copy by phone or email today!



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Except Alaska, Hawaii and Puerto Rico.

Happy New Year everyone... welcome to 2009 and hopefully an outstanding year of DX activity as the sunspot count begins to rise. It looks like Santa was good to **Scott Barbour**. Read about Scott's new receiver, a Ten-Tec RX-350D. Did you get a new piece of equipment recently? How about sharing your thoughts about it with the rest of the club through the *Musings* column?

It is that time of the year once again. Besides trying to keep one or two of the less painful New Year's resolutions you foolishly made during the holidays, you should also be looking into your trek to Kulpsville for the 22nd Annual Winter SWL Festival sponsored by NASWA. Co-hosted by **Rich Cuff** and **John Figliozzi**, this is North America's premier radio gathering. You will not want to miss it. Rich and John have given me a sneak preview into what is in store for this year so I know this will be a banner gathering for sure. Mark your calendar for March 13 and 14, 2009 for this club sponsored event. The FETMEISTERS—Rich Cuff and John Figliozzi—invite one and all to attend. Keep watching the pages of the Journal for updates as the event inches ever so close. I hope to see you in Kulpsville in two months!

The European DX Council (EDXC), the umbrella organization of shortwave clubs in Europe, invites everyone to the next EDXC Conference, August 28-30, 2009, in Dublin, Ireland. The venue of the Conference is the Grand Canal Hotel, Grand Canal Street, Ballsbridge, Dublin 4, Ireland. Phone : + 353 1 646 1000. Fax: + 353 1 646 1001. E-Mail: reservations@grandcanalhotel.com. Home-page: www.grandcanalhotel.com. This is a 3 three star hotel. Prices for a single room is €115,- / room and night, double-room €115,-/room and night. If sharing the Double-room you only pay €57,50 per

person. This hotel accepts the following credit cards: VISA, Master Card, American Express and Diners Card. The organizers ask that you make your hotel reservations now to assure availability. The special password for this reservation: EDXC CONFERENCE 2009. The Irish DX Club, Edward Dunne and the EDXC, Tibor Szilagyi are working on the program of the Conference. Here is what they already have planned: interesting lectures about our hobby, sightseeing tour in Dublin by bus with English speaking guide and a visit at the Ye Olde Hurdy-Gurdy Museum of Vintage Radio in Howth, Dublin North. The traditional Banquet Dinner will take place at the Conference Hotel on Saturday evening, August 29. Further information about the program will be available at a later date. The conference fee is €115 per person, which includes use of the Conference Room, relevant papers, name tags, lunch on Saturday, sightseeing tour of Dublin, a visit to the Museum of Vintage Radio. Furthermore the Conference Fee includes the banquet dinner. What you consume as drinks during the banquet dinner, you will pay extra to the hotel staff. For further information you may contact: **Tibor Szilagyi**, Sweden. Phone: +46 8 500 264 83. E-mail: tiszi2035@yahoo.com and **Edward Dunne**, Ireland: E-mail: edunne@iol.ie, website: edxc2009@live.ie.

AJ Janitschek tells us that Radio Free Asia (RFA) is happy to announce its 26th QSL card commemorating the holiday season RFA recently announced its new QSL card which promotes world peace. The design is from one of the many holiday cards RFA has used in the past. Besides the dove as the card's center piece, there are eight different renditions of the word 'peace' on the right margin. The eight versions represent each of RFA's broadcast languages: Burmese, Chinese (Mandarin and Cantonese), Khmer, Korean, Lao, Tibetan, Uyghur and Vietnamese. The

Our Motto: Unity & Friendship

card will be used to confirm all valid reception reports for December 1, 2008—January 31, 2009. RFA encourages listeners to submit reception reports. Reception reports are valuable to RFA as they help us evaluate the signal strength and quality of our transmissions. RFA confirms all accurate reception reports by mailing a QSL card to the listener. RFA welcomes all reception report submissions at www.techweb.rfa.org (follow the QSL REPORTS link) not only from DXers, but also from its general listening audience. Reception reports are also accepted by emails to qsl@rfa.org, and for anyone without Internet access, reception reports can be mailed to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036, United States of America. Upon request, RFA will also send a copy of the current broadcast schedule and a station sticker.

NASWA members have been in the news. On page 3 of the 21 November 2009 *St. Helena Herald* (<http://www.news.co.sh/Newspapers/SHH%2021.11.08.pdf>) an article by Gary Walters, the Station Manager of Radio St Helena, discussed the 2008 annual transmission on shortwave. The article mentions two of our members and includes a picture of **Steve Price** holding his son, Noah, and a letter from **Dan Robinson** ("from the prestigious Voice of America by Dan Robinson"). Steve and Dan's reactions are in this month's *Musings* column.

Via the *DX Window* publication of the Danish Shortwave Club International, we learn of the availability of the Rhein-Main-Radio-Club of Frankfurt, Germany—a leading German DX club for 30 years—offering the 4th edition of the unique QSL Calendar 2009. The full color art print calendar offers treasures from their historical QSL archives, covering QSL cards from the 1930's to present. The calendar is in English and costs 15 Euro or US\$20.00 including shipping worldwide. The new QSL calendar is now available. The calendar is rare, unique and a special gift to radio friends. The QSL calendar is a non-profit project supporting distance radio listening. You can order direct from **Harald RMRC Gabler**, Limburger Strasse 3, 61462 Königstein, Germany or at the club's homepage www.rmrc.de.

The Radio Heritage Foundation <www.radioheritage.net> is home to the *Pacific Asian Log AM Radio Guide* that covers the region. The latest edition is now fully updated and available for free from their website. Produced by **Bruce Portzer** in Seattle WA, this extensive radio guide covers literally thousands of AM radio stations and is hosted by the Radio Heritage Foundation. It draws on monitoring by many volunteers across the region, as well as information directly from broadcasters so it's accurate and up to date. You can search the database or download a pdf version for your own non-commercial use by visiting www.radioheritage.net/PAL_search.asp today. The Pacific Asian Log traces its origins back to radio station call lists first published in New Zealand during the 1930s, and is volunteer supported and produced as a free service for everyone. The Radio Heritage Foundation is a registered non-profit organization connecting radio heritage and popular culture across the Pacific.

The Reading Area DXers paid tribute to a fallen colleague, **Dr. Mark Ferrioli**, at its December 19th meeting at The Flying Dog. Mark's passing the day of our November meeting was a shock to all of us. Like so many of our club members, he was a quiet guy but he really stepped up to the plate in recent years making a big contribution. He will be missed as a friend as well as a fellow radio colleague. On a happier note, the Reading Area DXers are now meeting on the 4th Friday of the month through October. If you are within an hour or so from our home base, you may want to attend one of our gatherings. All are welcome!


The shortwave radio world keeps changing and so do approaches in providing news and information relevant to the shortwave listener. The Ontario DX Association (ODXA), a long time trend setter in the shortwave radio hobby, is planning a major change in the delivery of DX news and information normally contained in its monthly *Listening In* bulletin. In his December "Sign On" column, **Harold Sellers** informed the membership that he and his wife anticipate moving to British Columbia during the summer of 2009 to be closer to family. Although he plans to continue his editing chores for the club,

Harold mentioned "Next June we plan to shift most of *Listening In* to our website. You will retrieve your monthly magazine from the internet. Thus subscription fees will be phased out. However, some content will continue to be available by mail." More information will be available in subsequent months but it seems the traditional "membership" model utilized by the ODXA may no longer exist after the change over.

Once again the *Flashsheet* is experiencing some problems with its distribution list. The following people are not receiving their *Flashsheet* as far as I know since I get messages to that effect each week. Please contact me with your new e-mail address if you wish to continue getting the *Flashsheet* or check with your ISP since it may

be blocking a mass distribution list from an AOL e-address. The missing folks are: **David Askine, Arthur Brophy, John S. Brown, Jim Fedor, and Joseph M. Kelly.**

Please remember to direct all communications about subscriptions, bulletin delivery issues, snow removal tips, the use of PayPal as a payment method, etc. to **Bill Oliver** at the club's Levittown address or to his new electronic address, billoliver@verizon.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. 

NASWA Flashsheet

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


NASWA Yahoo Group

Join moderator **Dan Ferguson**, the club's Yahoo Group, and other club members to discuss reception of shortwave radio broadcasts, program content, propagation, reception conditions, loggings, hot news and information as well as radio equipment and accessories and any topics related to shortwave radio in general. Please keep in mind that loggings, QSL news, schedule changes should also be reported to the appropriate column editor of the *Journal* for publication. This forum is a supplement to, not a replacement of, *The Journal*. Subscribe by going to <http://groups.yahoo.com/group/NASWA/>.


Calendar Of Events

- Jan 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: ctreditor@aol.com. The URL for the BADX guys is <http://www.naswa.net/badx/>
- Jan 10** *Meeting. The Columbus, Ohio NASWA Chapter* will be meeting at Universal Radio in Reynoldsburg at 10:00 AM. Further information is available from Mike Rohde at 614-527-1398 or via e-mail at merohde@columbus.rr.com. The purpose will be to gather other SWL/ DX listening enthusiasts together for informative discussions and sharing of knowledge and information about the hobby.
- Jan 10** *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>
- Jan 19** *Meeting. Tar Heel Scanner/Shortwave Listening Group.* Red, Hot and Blue restaurant, 6615 Falls of the Neuse Rd., Raleigh, NC. Dinner @ 6:30PM, meeting @ 7:30PM. Meetings the 3rd Monday of each month. Info, Curt Phillips, 919-773-4522, <mailto:curt@nerdster.net>
- Jan 23** *Meeting. The Reading Area DXers* will hold another meeting at The Flying Dog in majestic Earlville, PA (Route 562 and Airport Road). Members gather around 5:30 PM near the bar area before heading into the restaurant for dinner and further discussions. Contact Rich D'Angelo (2216 Burkey Drive, Wyomissing, PA 19610; 610-678-0937; rdangelo3@aol.com) for further information about future meetings.
- Feb 2-6, 2009** *Conference.* The Arab States Broadcasting Union will host the **HFCC/ASBU A09 frequency planning conference** from 2-6 February 2009 at its headquarters in Tunis, Tunisia.
- Feb 7, 2009** *Meeting. Reading International Radio Group* will hold its next meeting on Saturday October 4 at 2:30 PM in Room 3, Reading International Solidarity Centre, 35-39 London Street, Reading. All are welcome, for further details email Mike Barraclough mikewb@dircon.co.uk or phone 01462 643899.
- Mar 13-14, 2009** *Convention.* The 22nd Annual Winter SWL Festival, sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 13th and 14th March 2009. 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!
- May'09** *Annual Meeting.* The 2009 National Association of Shortwave Broadcasters and US DRM Group will be held in Nashville, TN 7 and 8 May 2009. It will be co-hosted by World Christian Broadcasting and wwcr. Additional information will be available at a later date.
- May'09** *Annual General Meeting (AGM) and DX Camp.* The Danish Shortwave Club International will hold its AGM and DX Camp from May 11th through May 17th at Vardeborg, Vejers Beach, Denmark. For further information contact Bent Nielsen (bent.elin@webnetmail.dk), Egekrogen 14, DK-3500 Vaerloese, Denmark. More information will be available later on.
- Aug '09** *Conference.* The National Association of Shortwave Broadcasters will host the **HFCC/ASBU B09 frequency planning conference** from 24-28 August 2009 in Puna Cana, Dominican Republic.

- Aug '09** *Convention.* **The European DX Council** will hold its annual conference from 28 through 30 August 2009 in Dublin, Ireland. It will be hosted by the Irish DX Club. More details to follow.
- Mar'10** *Convention.* The **23rd Annual Winter SWL Festival**, sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 5 and 6 March 2010. 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!
- May'10** *Annual Meeting.* The **2010 National Association of Shortwave Broadcasters and US DRM Group** will be held in Hamilton, Ontario on 13 and 14 May 2010. It will be hosted by Galcom International. Additional information will be available at a later date.

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

FRENDX: Twenty-Five Years Ago (January 1984)

The "For Sale" ads featured new model portables recently purchased for RCI and WRTH reviews by Larry Magne: Grundig Satellite 300, Yacht Boy 700, Panasonic RF-9, Sony ICF-7600D and a Toshiba RP-F11. Jerry Strawman was selling his Kenwood R-1000 and Steve Lare was selling his AEA MBA-RO Teletype Reader. In Roll Call, Bill Oliver welcomed 60 new and returning members to the club including Ralph Brandi, Rev. John Eckert, and Bruce MacGibbon. After ten years of dedicated club work, Mac Leonhardt stepped down as the club's business manager with duties being transferred to Levittown. The Executive Council was down to only three members: Don Jensen, Glenn Hauser and Bill Oliver. An election was held to fill two spots with the following agreeing to serve if elected: Tom Alleman, Sam Barto, Jerry Berg, John Herkimer, Nick Pappas and Dave Walcutt. John Herkimer's Shortwave Center featured an interview with Don Jensen. David K. Maxfield provided an Index to Shortwave Center for 1983. Gilfer announced that Gerry Dexter's QSL Address book was about ready to be released. Nick Pappas began a new feature about programming on shortwave entitled Pappas on Programming. In his QSL Report column, Sam Barto noted "This month we had 99 countries reported with some extremely interesting QSLs. Good going!" Log Report A editor Mike Nikolich reported about his almost appearance on ABC Nightline program. Mike was to listen on camera for astronaut Owen Garriott's attempt to talk to other ham radio operators. Mike's network debut fell through when Garriott didn't transmit. In Log Report B, editor Jerry Berg noted 4VEH back on 4930 kHz, Apintie on 5005 kHz and German locals on 6030 and 6085 kHz. In the Log Reporter column, Nick Pappas thanked the fifty-four members that took time out to report this month. Also, he noted that only three members managed to report each month in 1983: Rufus Jordan, Dave Valko and Terry Weinhold. A total of 191 different members reported in 1983. 

Musings

Gary Walters, St. Helena Island and Robert Kipp, Germany

During Radio St. Helena Day 2008, RSH received 295 emails. There were two successful telephone calls:

- Mr. Shamim in Southern India
- Mr. Chris Wood in Tennessee, USA

The "new postal route" works.

Note that it is better to omit the words "South Atlantic Ocean" in this "new postal route", so as not to confuse your local post office.

Make certain that your letter reaches the United Kingdom. The P.O. in the UK then knows very well what to do with the letters. Be certain to include sufficient return postage inside your letter: (3+ IRC's or 3+ US Dollars, or 5 Euro or 5 GB Pounds (smallest banknote). Be sure to put sufficient postage on your letter. You need airmail postage to the most remote country in the world (even if you are in the UK). From Germany, Euro 1.70; from USA, 94 cents; from UK, 81 Pence. This is for a standard, airmail, "world"-letter of (max.) 20 grams (USA: 1 ounce) weight.

The first two reception reports have reached Ascension Island. Christian Ghibaudo, France, sent his report on 18 November and Richard Mitchell, Raleigh, NC, USA, also sent a report. Both of these letters arrived on Ascension on 26 November.

In the mean time, several other reports have arrived. The Royal Mail Ship RMS St. Helena will pick these letters up at Ascension on 07. December and deliver the letters to St. Helena on 09. December 2008.

Do NOT expect any RSD 2008 QSL cards to be posted before about July of 2009.

The RSD 2008 QSL is, as of December, 2008, still being designed. The cards will, probably, be printed in January of 2009. It will then take about two months to ship the cards to St. Helena. From about April or May of 2009, RSH will be able to actually fill in the details and sign the QSL cards. That may take a month or two. Therefore, the RSD 2008 QSL cards will, probably, not be sent to SWL's before about July of 2009. This is the usual procedure and has been the approximate time table of events in the past years.

Unfortunately, the SUN did not help at all with the propagation of radio waves via the ionosphere this year, and we are still at the bottom of the old sun-spot cycle. Reception around the world was, generally, not good. Japan, however, had some phases of wonderful reception, but many areas of Europe and USA heard almost nothing. Lucky were those DXers who have big antenna systems in the right direction. Among others, Anker Petersen (DSWCI), Glenn Hauser, and Jerry Berg have published excellent and detailed summaries of the reception conditions in many parts of the world. Simply put, that is the way things are on the shortwaves. The shortwaves are like a box of candy, you never know what you are going to get.

The RSD 2008 Team at Radio St. Helena sends their thanks to all SWL's everywhere and sincere best wishes to everyone for current Holiday Season and for the New Year 2009.

Gary Walters, Station Manager, Radio St. Helena and Robert Kipp

Robert Kipp <RDC-Roberts-Data@t-online.de>, Germany
Christmas Greetings from Germany.

Hello Rich and all members of the NASWA and of the World DX Club, thanks for all your support for Radio St. Helena during 2008. Wishing everyone a joyous Christmas Holiday season and a healthy, peaceful, and successful New Year 2009.

Gerry Dexter, Lake Geneva, WI

Yesterday (11/22) was Antenna Day here. A huge dose of thanks to Mark Taylor who put up an RF Systems MK-1 (now re-christened The MARK-1). The effect was immediate and startling. Thank you, OM!

Mark Taylor, Madison, WI

My pleasure. It was exciting to turn on the rig using the new antenna and hear 6185 RN Amazonia at armchair level!

[Can there be a better example of "Unity and Friendship" than this? —RAD]

Don Jensen, Kenosha, WI

Re: XEQM: I sent MP3 clip and report to station tech, Ing. L. Orlando Gonzalez Balam (tecnico@rasayucatan.com) and got reply within hours. Still using same call, XEQM as in past when relayed Tus Panteras, and refurbished but same homebuilt 250 watt xmtr feeding quarter wave dipole. Currently relaying Merida FMer La Candela, but when technical difficulties are worked out, it will rebcast XEMQ, 810 kHz, now called R. Yoo'l I'ik, which programs in one of the local, Mayan-based Indian languages.

Toshi Ohtake <ohtaket@yahoo.co.jp>, 5-31-6- Tamanawa, Kamakura 247-0071, Japan

The first topic is Radio St. Helena Day 2008. Radio St. Helena Day 2008 was successfully conducted on 15th of November. The reception condition of Japan beam between 2000 and 2100 UTC was no so good, but dramatic improvement was experienced at 2112 UTC during European transmission when the signal jumped from SIO 252 to 454 in a few seconds. Throughout this transmission until 2230, the signal maintained a good level. Many Japanese listeners were excited and enjoyed this once a year event.

The next topic is the proposed BCL Day, or BroadCast Listeners Day of the Year. As reported earlier, we lost Mr. Koji Yamada last August due to his illness. In commemorating his greatest contribution in attracting millions of young people to the whole new world of short wave listening in mid-70's, many club members proposed to name December 17 the BCL Day of the year as this will be his 68th birthday. If he is alive. We asked many Japanese language stations to produce and air a special program to commemorate Mr. Yamada's remarkable activities in the short wave world on or around this day. KBS, in Seoul, South Korea, Voice of Russia, in Moscow, HCJB Japanese program, IRIB in Teheran and other stations agreed to broadcast the special programs and inviting letters from listeners to write about their memories of Mr. Yamada and other topics relating to enjoyment of short wave listening.

This is all for this month.

Wishing you FB DXing! Toshi Ohtake, Japan Short Wave Club

Stephen and Noah Price <vinyltocr@msn.com>, Johnstown, Pennsylvania

My son and I made it in the Saint Helena Herald for Radio Saint Helena Day 2008. click on the link below, allow the PDF to load, and scroll down to page three! <http://www.news.co.sh/Newspapers/SHH%2021.11.08.pdf>. What an HONOR! Thanks Gary Roberts and Robert Kipp!

Stephen Price Family and Son Noah

Dan Robinson <darobin@his.com>, Washington, DC

Wow—and I see I made it into the paper too.... Thanks for the heads up without which I would never have known!

Giovanni Serra < dxer_gserra@fastwebnet.it > Roma, Italy
Ciao from Roma.

A cold and rainy weather here in Roma during the third week of November, fortunately with no strong wind as other part of Italy: in some Italian regions, the gusts of wind reached the speed of more than 70 mph (more than 100 Km / h), and some TV & ham antennas, tiles and entire roofs flew away. For the last week of November, forecasts announced rain and very cold temperatures from Arctic, with rains or sleet in Roma, and some snowfalls on mountains and hills elsewhere in Italy. For the upcoming winter, I hope in a clement weather with my AD Sloper antenna: last February 2008, I spent more than 8 hours for installing it on a telescopic mast of about 23 feet (about 7 meters) atop my home. Really, the major undertaking was the antenna assembly!

The second and the third week of November at night-time, good condition toward east and far east on Tropical Band of 60 mt: I caught some Indian and Chinese stations, after the sunrise at their site too. Also noted All India Radio - Thiruvananthapuram on 5010 with some news in English from 1730 to 1735.

Instead, no new rare DX from Latin America, but only usual Radios from Brazil as well as Radio Rebelde carrying out their well known broadcasts: I listened some of them since they fade in at evening during dinner time, together with of some African Radios on air.

October 26, and November 16 & 22, during late evening here in Roma, I listened a barely audible station on 4665, talking in a presumed Spanish, but unfortunately under statics crashes. Really, I have no idea what's on this frequency: any spurious, harmonics, a new frequency, or a new station from Latin America, Europe or elsewhere ? Till now, no trace about it I found out on DX bulletins.

Bad conditions toward Latin America at night time on Tropical Band of 60 mt during last week of November and the first days of December 2008; good conditions, instead, toward east and far east, above all with Indian & Chinese stations; only a seasonal new rare DX of a presumed R. Cultural Amauta, Peru on 4955; usual LA stations caught barely audible here in Roma (5025 R. Rebelde too!!), under strong rustle and static crashes. R Rebelde appeared again during late evening & night on December 6th, with its usual fair signal. Also some usual seasonal Radios from Africa on Tropical Bands were disrupted. It seems that some barely audible Brazilian Radios are appearing on 31 mt band during late evening.

That's all for now. Till the next.

Ron Hunsicker <ronhuns@ptd.net>, Wyomising, PA
Remember the new sunspot cycle?

Apparently it is not on the way because, after weeks with the solar flux at 68, it just dropped to 67!

Although, the theoretical minimum value for the solar flux is 67, it can be less. Read on...

On July 18 1996, the observed value of the 10 cm solar flux dropped to a low of 64.9. In many books it is stated that the 10 cm solar flux can not go below a value of 67. For example, the formulae given in the June 1996 edition of the IPS Solar Geophysical Summary show 67.0 as the minimum value. So how can we get a value of 64.9?

The answer is quite interesting—it depends on the orbit of the earth! The earth's orbit is not perfectly circular but is slightly elliptical. In July of each year we are a little further than average from the sun and so solar radiation, including the 10 cm flux, is very slightly weaker than average.

So the 10cm flux will tend to be lower in July than, for example, December when the earth is closer to the sun than its average value. The combination of the extra distance to the sun and the solar minimum conditions have acted to produce this very low flux value.

It is easy to correct for the earth-sun distance and, when this is done, a value of 67.0 is obtained. This is the text book value!

Values of the 10 cm flux are often given in two forms—first as directly observed values and secondly as values corrected for the earth-sun distance variation.

The last time that the observed 10cm flux was at a lower value was on July 26, 1964 when it stood at 64.8. The lowest value ever recorded was on July 02, 1954 with a value of 64.4. (Courtesy www.whatsupwiththat.com)

So, we are at 67 at a time when we are approaching the least distance to the sun. If it were now July, I wonder how low the value would be? Since solar flux is related to the inverse of the square of the radius, solar flux in July can be estimated. The sun is at its least distance in January at 147.2 million kilometers. In July, we are farthest from the sun at 152.6 million kilometers. Since November is 2/3 the way to January, assume the present distance to be 150.8 million kilometers. So, the July number would be $(67 \times 150.8 \times 150.8) / (152.6 \times 152.6) = 65.4$ Things could be worse !!!!

Interestingly, this information was posted on www.whatsupwiththat.com in July 2008 after the uncorrected solar flux had dropped to 64.2.

Scott R. Barbour Jr. <srbjrswl@yahoo.com>, Intervale, NH
Greetings to all,

Just purchased a used Ten-Tec RX-350D. So far, so good. The learning curve is small which I appreciate as I am not very technically inclined. Once through the owner's manual is all it took. Programming frequencies to memory & menu options require a second look.

This receiver is behemoth with a large, easy to read display. All active functions are spaced across the screen for easy viewing. I like that both date & time (UTC or local) are always on screen. I also like the Sweep function which displays a "Spectral Snapshot" at the bottom of the screen, showing activity on either side of the tuned frequency. It appears useful in seeing which bands are open.

The 34 filter bandwidth is a treat. Those, combined with PBT, let me really tweak a signal for optimum reception. I can't say for sure if it's better at digging out the weak signals than my R8, as I'm still getting a feel for this receiver, but so far I'd say it edges out the R8 slightly. I find the audio quality to be as good, if not better, than the R8.

The only downsides, so far as I can tell, are what I already read on-line per other RX-350D owner's reviews. The large display seems to give off some RF buzz and the AM Sync loses lock too easily, which is a shame, because when it is locked, it works rather nicely. No direct entry keypad is a pain. I will definitely be purchasing the external tuning control/keypad.

Not exactly the most technical review, but then again, I'm not that technical. ;)

Off to play with my new toy, Scott

Jerry Ervine <JerryE5109@aol.com>, Clarksville, TN

I need someone to explain to me the value of a PHASER being used in SWLing and MWLing. Is it effective between a loop and rig?

Thank you.

Happy Holidays to All, and have a safe one!

Jerry KC5YRE (Young Rebel of an Engineer)

Marlin A. Field, 128 Oak Street, Hillsdale, MI 49242

According to a letter I received from TGNA in Guatemala City, its repeater station on 100.7 MHz in Panajachel was shut down by the government. Based on a court order, its equipment was confiscated and Marco Tulio, the person in charge of the compound but who had nothing to do with the repeater, was arrested. The charge was that the station was operating illegally on 109.9 MHz; a pirate was. The pirate station, which is within a block or so of TGNA's station and which had been giving interference to it, wasn't bothered by the government. It is still on the air.

I'm starting my 50th year in the hobby.

Bob Padula bobpadula@mydesk.net.au, Melbourne, Australia

Asia daytime propagation mode intensifies, 7, 9 MHz.

As anticipated, the annual summer occurrence of the daytime specialized Asian Mode has materialized.

This was apparent on December 9, here in Melbourne, with very strong signals from Malaysia, Vietnam, Myanmar, Japan and India audible in the period 0400-0500 UTC in the 7 and 9 MHz bands. This is 2pm-3pm local time, with this shortpath propagation following all-daylight transmission paths.

This phenomenon occurs each summer, and is more pronounced during years of low or declining sunspot activity. The propagation mechanism is not yet clearly understood, and has been studied by myself, with a few others, since it was "discovered" in the late 1960s.

It is believed to be caused by multi-mode activity, caused by reflection off the top surface of Sporadic E clouds passing over the Australian continent. Under such circumstances, signals enter the ionosphere, enter the E and F layers, and are refracted back towards the earth's surface, striking the top surface of Sporadic-E clouds. Signals then continue upwards, and are refracted by the normal E and F layers back to earth.

This means that there is no intermediate ground reflection, resulting in greatly reduced absorption/attenuation on the total transmission path.

Propagation up to distances of 10,000 km, and greater, have been observed for this specialized daytime mode, on frequencies which would not normally propagate via conventional ionospheric refraction.

In past years, signals on frequencies as low as 4 MHz have been observed, from transmitters in the Indochina and Indonesia regions, at local noon Melbourne time.

Careful study of this mode will reveal that signals do not "fade-in" or "fade-out", but appear and vanish very abruptly, similar to long-distance Tropo propagation of VHF or UHF.

Signals will appear quickly, remain audible for variable periods, ranging from a few seconds to an hour (or more), with no fading. Signal strengths can be extremely high, hitting S9+20 regularly! Peculiarly, transmissions from the same geographical area, on different frequencies, generally are not audible simultaneously. Unfortunately, the abandonment of many HF services from Asia in recent years has significantly reduced the "pool" of frequencies which may be observed.

The mode, due to its unpredictability and variability, offers excellent opportunities for study and research of HF propagation into South Eastern Australia, and for extending the growing body of comparative data about the phenomenon in the present period of very low sunspot activity, global warming and climate change.

Documentation of this propagation event at a professional engineering level is expanding, and the phenomenon is now included in the formal training curriculum offered by the Australian Government's Ionospheric Prediction Service, Department of Radio and Space Services.

These are the entries of December 9, 2008, relevant to the HF Broadcasting Service, from a field site near Melbourne, in the Dandenong Ranges National Park, using the Eton E5 and a couple of metres of random wire for an antenna!

It would be interesting to explore this propagation mechanism in greater depth (Spectrogram) with a narrow band spectrum computer controlled spectrum analyser, with a recordable digital screen display, measuring frequency versus amplitude over defined time spans, linked to a suitable professional receiver, rather than toys such as the Eton!

7130 MALAYSIA RTM Sarawak, dialects 0405-0430

7160 INDIA AIR Chennai, domestic 0425 to sign-off 0430

7210 VIETNAM VOV nat net 0415-0430 peaking 0420

7270 MALAYSIA RTM Sarawak, dialects, 0405-0500

7285 MALAYSIA RTM Kajang, English 0400-0500

7290 INDIA AIR Thirunanathapuram, domestic, 0426-0450

7295 MALAYSIA RTM Kajang, English domestic, 0400-0500

9595 JAPAN R. Nikkei, Japanese 0405-0430

9730 MYANMAR Yangon, 0420-0445 domestic

9750 MALAYSIA V. of Islam, Kajang, super strength, English, 0400-0500

9760 JAPAN R. Nikkei, Japanese 0410-0500

9850 VIETNAM VOV dialects *0400-0500

9875 VIETNAM VOV dialects *0400-0500

Regards! Bob Padula, Melbourne

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

The chill of winter arrived early this year to southeastern Pennsylvania. Our first DXpedition to French Creek featured mid-30's temperatures, clear skies, plenty of sunshine and dry weather conditions. That made setting up and pulling down antennas a relatively easy project. The crew consisted of Rich Cuff, John Figliozzi and Ed Mauger with Fred Kohlbrenner a last minute scratch. However, although the temperatures slowly rose during our stay, it was wet Tuesday morning when it was time to trek through the woods to retrieve our long wires. I left with wet feet but a fat logbook.

Afternoon Africans were very good the first day; I only wish there were more of them to listen for. La Voix du Sahel on 9705 kHz was good and Uganda on 4,976 kHz ran late providing a nice window for listening. Zimbabwe's signal improved throughout the night with a smattering of English here and there and a nice English ID at 0342. Indonesia was heard and the Indian regional stations only put in weak carriers that I wasn't in the mood for. Bangladesh was tentatively noted with flutes around 0030. Eritrea's opening on 7,220 kHz was very good before being covered by a powerhouse station.

Fatigue set in so I slept to 1115 UTC the next morning so Latin stations were just about gone. Focus on the Pacific region yielded good signals from PNGs on 3335 kHz and 3385 kHz plus a Chinese regional and a Korean clandestine.

Openings to the Asian continent continued to be strong as afternoon reception the second day brought some good stuff. LRA36 from Antarctica made a nice appearance although at a very weak level. However, multiple IDs at 2002 helped nail down this elusive station.

The evening pasta banquet closed things up for the most part. Rain arrived around dark as temperatures slowly warmed up. Conversations carried us through most of the evening although I did manage a log of Radio Apintie before during in.

Once again I didn't get to the dials in the morning before 1115 UTC so Latin America wasn't considered. The Asian and Pacific was pretty good again with Thailand, Vietnam, Indonesia, PNG, all three Aussie 120 meter band outlets and the North Korean on 2,850 kHz all making it into the logbook.

Possibly the principal highlight of the DXpedition was Rich Cuff's chair in a bag. It is one of those you see all the time that fold into a neat carry case and has a cup holder on each arm. As Rich would sit or stand after being seated the chair would literally groan under the strain. Slowly but surely John Figliozzi would discover bits and pieces of the chair on the floor near Rich's equipment set-up. Naturally we would laugh about the chair collapsing at some point. Shortly after the pasta banquet, Rich sat down and the chair collapsed fulfilling a DXer prophesy. The chair could be found in the park's dumpster the next day. I suspect we may be talking about the chair for quite some time. A lot of holiday cheer with a decent batch of QSL returns to brighten the season. Now, on to this month's QSL returns. Radio Austria 1 International verified with a full data letter from the "Listener's relations department" including program and frequency information leaflets and "information on how you can listen to us via shortwave, medium wave, satellite, cable and the Internet." Bhutan Broadcasting Service verified an old report from 1993 with an e-mail response in two days. The reply confirmed the details in the e-mail but the attachment was for the current 6,035 kHz channel from v/s Dorji Wangchuk, Head of the Transmission Division <dwangk@gmail.com>. I followed up asking for the correct details and he quickly responded with a full data reply for the 1993 transmission

on 5,030 kHz. Thanks to Anker Petersen for opening this one up and Jerry Berg for the idea about following up the follow up reply to get the correct details. I had verified BBS many years ago through an embassy route but this has a much better feel to it. Nippon no Kaze via Darwin, Australia responded to an electronic report to info@rachi.go.jp with an electronic reply from hai@rachi.go.jp from the Policy Planning Division of the Headquarters for the Abduction Issue, a Cabinet Secretariat position within the Government of Japan. They gave the schedule for their programs as: Furusato no Kaze (Japanese), 1333-1357 UTC 9965 kHz, 1430-1500 UTC 9880 kHz, 1600-1630 UTC 9780 kHz and Nippon no Kaze (Korean), 1500-1530 UTC 9690 kHz, 1530-1600 UTC 9965 kHz, 1700-1730 UTC 9820 kHz. Radio Dabanga via Wertachtal verified a report to the radiodabanga@yahoo.com e-mail address from Leon Willems who replied using willems@pressnow.nl. Leon's e-mail stated "Please find attached additional information regarding Dabanga. Thanks very much for your report. We do not have a fixed QSL yet. But I hope this information is helpful to you." The three documents attached to the e-mail were: (1) How to receive Radio Dabanga, (2) Radio Dabanga On Air!, and (3) The meaning of Dabanga: life is changeable for good or bad. Press Now states that "Radio Dabanga is a project of the Radio Darfur Network a coalition of Sudanese journalists and international (media) development organizations, supported by a consortium of international donors, humanitarian community organizations and NGO's. Radio Dabanga is conceived, operated and facilitated by Press Now in The Netherlands." The third document notes that Dabanga is a large storage vessel used by Sudanese farmers to preserve food. Also, from the third document comes the following: "Dabanga is a small village near El Fasher (North Darfur). It is also a well in the Wilayat area in South-Darfur 528 meters above sea level. In December 2007 over thousand people were displaced from this area due to insecurity in the area and lack of humanitarian assistance." Finally, Vatican Radio via Santa Maria di Galeria verified with a full data, Garden card along with a program schedule, sticker and blank QSL card of the shortwave 500 KW rotating antenna installed in 1988 at Santa Maria di Galeria. All in all, not a bad month for QSL returns. Having some back and forth correspondence with Bhutan was clearly the highlight of the month. It is good to have a contact at the station that is ready, willing and able to verify listener reports. So far I have only seen electronic correspondence to/from the station. It will be interesting to see if postal correspondence opens up too.

Nothing else to report. I was too busy with holiday company and a remodeling of the shack to actual listen once I returned home from our DXpedition at French Creek State Park. I will have to live off of those memories for a while until I can get something set up in the shack over the next few days. A lot of old junk made its way to the dumpster in the process. Every couple of decades the radio shack deserves a good cleaning.

73, Rich



by Jerry Berg


<www.ontheshortwaves.com> Update, November 6, 2008 — Under "DX History/Stations," a pamphlet from the BBC titled "This is London Calling!" As shortwave stations around the world become an endangered species, it is worth recalling a time when a station issued a special booklet to promote its North American service. Such was the case with this item from the BBC. The BBC "brings you the voices of the men and women of

Britain, speaking to you while the sirens wail in the streets and the gunfire roars in the London sky." It was on for six hours every night. "Help us to make the North American Service more widely known. Pass this folder to your friends or send us the names and addresses of those you think would like to have information about the BBC short-wave programmes." While undated, the names and events suggest that the pamphlet was issued during 1940-41. (The BBC North American service was set up in 1940.)

<www.ontheshortwaves.com> **Update, November 15, 2008** — Under "DX History/Stations," a copy of "America Calling All Peoples," a pamphlet published by NBC's "International Division" in 1941. Before the VOA was created in 1942, American shortwave broadcasting was in private hands, and NBC (an offspring of RCA) was one of the leaders. Operating 50 kw. WRCA and WNBI from Bound Brook, New Jersey (later operated as WBOU until it closed in 1966), the NBC "International Division," which consisted of 65 people, broadcast to Europe and South America. Although clearly intended for promotional purposes, this piece contains some interesting history and evidences the national mood at the time, and the belief in the efficacy of international broadcasting. Of special interest is the "Addenda" (blue pages) at the end. It was added after Pearl Harbor, which apparently occurred while the pamphlet was being printed. The author, Earl Sparring, is not otherwise identified, but a quick Google/New York Times search indicates that there was a writer/newspaperman by that name who wrote novels, and also wrote on business topics, in those years.

<www.ontheshortwaves.com> **Update, November 30, 2008** — Under "CPRV," "The QSL Gallery," some QSLs from Al Sizer of North Haven, Connecticut. I have lost track of Al since he donated his QSLs to CPRV in 1999, and several recent attempts to contact him proved unsuccessful. However, he will be remembered by his fine collection of QSLs dating from the 1960s to the 1980s. In this group: (1) a special Red Cross card from RAE, Argentina (1979); (2) a card from Azad Kashmir Radio (although this 1972 card, as well as other AKR veries from that era, gave the location as Trarkhel, the station was no longer using that site for shortwave); (3) HISD, Radio Santo Domingo (1968); (4) the Dubai Broadcasting Station, 6040 kHz. 1972 (earlier it had been known as the Voice of the Coast, and had transmitted from Sharjah); (5) Radio Angkatan Udara, the Indonesian air force station (1970); (6) an NU-produced prepared card, and a letter, from the BBC Relay Station (Radio Antilles) on Montserrat, 1977 (few of these prepared cards were ever returned); (7) Voz del Baru, the last shortwave station in Panama, 1979 (probably a response to a follow-up, as they had been off shortwave for years by then); and (8) the seldom-heard Paraguayan, Radio Charitas, 6110 kHz., 1975. Those were, indeed, the days.

<www.ontheshortwaves.com> **Update, December 5, 2008** — Under "DX History/Stations," more on Bafra. Posted in the past were Don Jensen's 1987 PopComm article about Radio Biafra and the Biafran war (under "Stations"), and two letters from the station to Connecticut DXer Al Sizer (under "CPRV/QSL Gallery"). Now, in the "CPRV/QSL Gallery," we add another letter, this one addressed to Bill Sparks, and, under "DX History/Stations," a recording of the station made by Al Sizer on September 8, 1969, at 2140 UTC on 6145 kHz. Al introduces the recording, and notes that it was made on a DX-150 receiver. The station IDs as "the Voice of Biafra, the external service of the Biafra Broadcasting Corporation," and the IDs are at 2:26 and 3:12. Thanks to John Herkimer for the recording.

<www.ontheshortwaves.com> **Update, December 12, 2008** — Under "DX History/Equipment & Advertising," The Scott News once again. This August 1932 edition focuses on the specifications and performance of the chrome-plated Scott Allwave Deluxe receiver, and illustrates the kind of DXing excitement that Scott promised his customers. 

Easy Listening

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

2008 in review

Even an optimist like myself would have a hard time thinking that 2008 was a good year for "easy listening" caliber shortwave broadcasters:

- Radio Netherlands stopped using shortwave to North America
- Radio Austria International gave up on shortwave altogether
- The BBC World Service abandoned the remaining shortwave frequencies it had been using to reach Western Europe
- Radio Singapore International gave up. Period.
- Trinity Broadcasting Network shut down KTNB

Radio Netherlands—which had been one of the strongest supporters of shortwave to North America—threw in the towel at the end of October for multiple reasons:

- Listener feedback and input from North America has been steadily decreasing versus input from other English-speaking regions
- North American listeners who responded to Radio Netherlands (RNW) solicitations via diverse platforms (web, e-mail, shortwave) generally indicated they used multiple platforms for listening to RNW, and would be able to use other platforms if shortwave were to disappear
- RNW made a conscious effort to devote resources to programming and transmissions targeting Africa, a region still generally lacking in independent media choices

- Spanish speaking RNW listeners in the Americas were much more likely to use shortwave to listen to RNW than English speaking listeners, so the available shortwave resources were shifted over to Spanish language frequencies.

It is jarring to dust off old editions of *Passport to World Band Radio* and *World Radio TV Handbook* from the 1990s and before, when shortwave listening was much easier then it is today. I conservatively estimate that 15–20 frequencies on the air at a given "prime time" hour in North America—say, 0100 UTC—were utilized at the time by the likes of Deutsche Welle, the BBC World Service, Radio Budapest, the Voice of America, Radio Netherlands, YLE Radio Finland, Radio Norway, Radio Exterior España, Radio do Portugal, Radio France International, and the AFRTS to target this region, and all were of "easy listening" audibility. While Radio Budapest and Radio do Portugal remain on shortwave for languages other than English, and YLE Radio Finland and Radio Norway have left shortwave all together, all the others do remain on shortwave at some time of day, but that time may not necessarily be convenient for North American listening, and they are not as easy to hear.

Here in Eastern North America, though, we benefit by the fact that shortwave transmitters do not direct their RF at their target audiences with pinpoint accuracy. West Africa remains a region that is considered a priority for most international broadcasters, and transmissions that originate in Western Europe and South Africa that target West Africa can regularly be heard in North America. Similarly, transmissions that originate in East Asia and target the Pacific islands often reach North America, especially on the West Coast but also in the East to a lesser extent.

Broadcasters are especially keen to reach English speaking audiences in Africa, and services like *SW Radio Africa* (the "SW" doesn't necessarily stand for *shortwave* or *southwest*...as Glenn Hauser reminded me...) use UK-based transmitters, owned by the BBC and managed by VT Communications, to reach the region; as I mentioned last month, *SW Radio Africa* can be heard without much difficulty via shortwave here in Eastern Pennsylvania.

The ability for shortwave signals to reach beyond their geographic targets illustrates why I purchased an Eton E1 over the past summer. There's still something special about hearing an English language broadcast on shortwave that offers different content, and different perspectives, than I can pick up on my local AM and FM stations.

Looking ahead to 2009

If you expand your thinking beyond traditional shortwave delivery, though, the news is better: Many stations continued to expand the availability of audio programming via their websites, primarily by keeping an online archive of programming available for listening on-demand, and by offering podcasts—a simple way to make programming "portable" onto MP3 players, iPods, and personal computers. As I have mentioned before, the existence of on-demand program listening greatly opens up the options you have at any time of day: No longer do you need to schedule your listening to Radio Australia for 1000-1400 UTC; most all of Radio Australia's programming can be heard whenever you want. Even such hard-to-hear services such as *Radio Nepal* and *Radio Pakistan* offer daily English-language programming for on-demand listening.

Yes, I know, I know, it just isn't the same as in the "good old days." There is an undeniable sense of *distance* and *exoticness* in hearing a broadcast via shortwave that is

totally lacking when you listen to streaming audio or download a podcast to an MP3 player. I've learned to adapt, and I listen to more international broadcasters nowadays than I did back in the 1980s and 1990s.

Who are the most vulnerable broadcasters likely to scale back their North American shortwave usage in 2009? I don't want to jinx any broadcasters by naming names, but I believe that smaller European broadcasters in non-English-speaking countries are the most likely to consider deemphasizing shortwave usage to North America in favor of other platforms.

If I were counseling international broadcasters on maximizing their listenership in North America, I'd advise them to have at least some presence on as wide a variety of platforms as possible. Many appreciate the portability, accessibility and flexibility of web-delivered content; others appreciate the mobility of satellite radio (XM/Sirius); some like the ability to listen in high fidelity (though at inconvenient hours) from their local public radio stations; others like the feel and familiarity of shortwave.

Keeping in that vein, I'll continue to highlight broadcasters' utilization of multiple delivery platforms in *Easy Listening* in 2009, including broadcasts from sources that don't use shortwave but would likely appeal to an audience that is interested in global perspectives.

Here's where I'll need your help: Many of you are able to listen to much more via shortwave than I can, because you have more hours available in the day to listen, and because you especially enjoy listening via shortwave. Please take a few minutes—whenever you can—to send me a note on what you're listening to, what you'd like to listen to, or what you'd like to read about when it comes to shortwave programming content. Whether you send me a postcard or letter, an e-mail, or post a message in the NASWA Yahoo Group, your feedback, suggestions and input would sincerely be appreciated. Otherwise, you'll be

reading about what I find interesting, and that might not be of benefit to you. Make this one of your New Year's Resolutions!

One service to watch for in January will be *Radio Austria International*; indications remain that this service will no longer be available via shortwave as of the end of the year, but there has been no indication that the content itself will no longer be available.

The importance of SW relays

Speaking of the audibility of content in North America via shortwave: As was reported by Glenn Hauser in DXLD and elsewhere, the CBC's Sackville transmitter site was totally off the air in mid-December. Obviously this made it difficult to hear *Radio Canada International* and the *CBC Northern Quebec* shortwave service. Not only was RCI not available, but several other stations lost all or part of their transmissions serving North America: China Radio International, Korea's KBS World Radio, Japan's NHK Radio Japan, Voice of Vietnam, Radio Austria International, Radio Sweden, Vatican Radio, Radio Prague, and the Voice of Turkey.

BBC World Service January highlights

Saturday, January 10th, 1800 UTC—*The BBC Debate: Obama's Washington and the World*: Washington, DC's public radio station WAMU teams up with the BBC for a live discussion ahead of the US Presidential Inauguration. The BBC's Owen Bennett-Jones and WAMU's Kojo Nnamdi will host the discussion. This will be the airtime for African shortwave services as well as live streaming and satellite radio platforms.

Sunday, January 11th, 2205 UTC—*Heart and Soul: Realms of Glory*; this is the second of two parts in this series. Gerald Butt argues that the experience of flying

can be deeply spiritual. He flies a single-engine plane over an ancient Cypriot monastery situated on a remote hilltop where the monks felt they were nearest to God. The Pope has described singing as, "almost like flying, rising up to God....it is in some way an anticipation of eternity...." and the physical process of leaving the ground and rising into the sky can inspire intense spiritual reflection. Gerald Butt explores why, in discussion with other pilots; including the Reverend Steve Benson and Episcopalian Presiding Bishop, Katharine Jefferts Schori.

He asks airline passengers whether they derive any spiritual experience from gazing at clouds from 30,000 feet and talks to people who oppose the growth of flight for environmental reasons.

Monday, January 12th, 1405: *Monday Documentary—The Pardon Game*: A US president has a constitutional and inalienable right to grant pardons. He usually so just before he leaves office, and can grant pardons up to 12 noon on January 20th as he exits the White House on Inauguration day. It's a mysterious and controversial business—notorious past pardons include Jimmy Hoffa, Caspar Weinberger, Ford's pardon of Nixon, Patty Hearst and fugitive billionaire Marc Rich. Lawyers in Washington now specialize in the business of securing pardons. Owen Bennett-Jones asks whether presidential pardons sanctioned by a theory of justice, or if presidential pardons are more a question of selectively applied mercy. This is the West Africa air time most likely to be audible in North America; a 2105 repeat should also be audible.

Wednesday, January 14th, 1405: *Wednesday Documentary—Obama: Professor President*: Princeton Professor Kwame Anthony Appiah assesses Barack Obama as an intellectual, exploring the influences and ideas, which have shaped him as a scholar, teacher and academic. The President Elect taught Constitutional Law at the

University of Chicago for 12 years between 1992 and 2004, when he was elected to the United States Senate. However he has played down his 'Law Professor' credentials, believing that this cerebral image might fail to endear him to ordinary citizens. Obama's pragmatic style, his respect for competing arguments, skepticism of ideology, and often iconoclastic ideas, have been described as "very University of Chicago," whose law school has pioneered the analysis of legal issues from an economic point of view.

As well as interviewing Obama's Harvard mentors and teachers, Kwame Anthony Appiah talks to many American hard hitting intellectuals with insights into the 44th President's intellectual heroes and the ways he reasons, questions and analyses different issues.

Friday, January 16th, 1405 — **Friday Documentary** — *The Bicycle Diaries*: With more than a billion models around the world, the bicycle has found a place in every society. Since its invention in 1817, people have redesigned and used the bike for hundreds of different purposes, from sport and policing to knife-sharpening and selling ice cream. Using a lot of pedal power, *The Bicycle Diaries* visit three different parts of the world in a three-part series to meet the communities and people for whom two wheels are better than four. In New Delhi, India, the bicycle is crucial to the newspaper delivery industry — one of the city's essential economies. At 5 every morning, hundreds gather with their bicycles in the bazaars, ready to deliver the day's news. Here, two paper deliverers take us on their routes, sharing stories about the impact of the bicycle and the job on their lives. The bicycle has helped one, an 18 year old, to fund his studies, and the other, a man in his 40s, to put his children through school and university.

Ends and Odds

Voice of Turkey — addendum

One additional note regarding the **Voice of Turkey** from last month's mention of new

programming: The **Voice of Turkey** has a new and improved website that includes on-demand programming; before this recent change, you could only listen to live VOT audio via webcast.

The easiest way to navigate to the page with VOT audio is as follows: 1) Go to the main Turkish Radio & TV website, <http://www.trt.net.tr> 2) Click on the red "Voice of Turkey" icon 3) Click on "English"; this will take you to the website that includes two days' worth of archived Voice of Turkey audio.

BBC World Service — new program

Business Weekly: A weekly compilation edition of the weekday **Business Daily** program is now available; the program provides an opportunity to hear some of the key stories from the daily edition that you might have missed. When most people think of "business radio" they think of mind-numbing recitation of market numbers and thinly disguised shilling for one investment vehicle or another. **Business Daily** is different, instead focusing on the bigger, longer-term issues and trends that drive business and economic matters around the world. I don't believe listeners in Africa would hear **Business Weekly** on shortwave at all — it airs at 2330 on Sundays, a time when shortwave is not in use to Africa. Live "infotainment" web stream listeners can tune in Fridays at 2332 plus Sundays at 0532, 1332, and 1932 UTC. The most recent episode can be streamed on-demand and also downloaded or podcast. Website: <http://www.bbc.co.uk/worldservice/programmes/businessweekly.shtml>

Best wishes for a happy, healthy, and prosperous 2009 filled with informative and entertaining programming!

That's all until February...don't forget that New Year's Resolution to drop me a note!

73 DE Richard



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Book Review

Listening on the Short Waves, 1945 to Today
(ISBN 978-0-7864-3996-6)

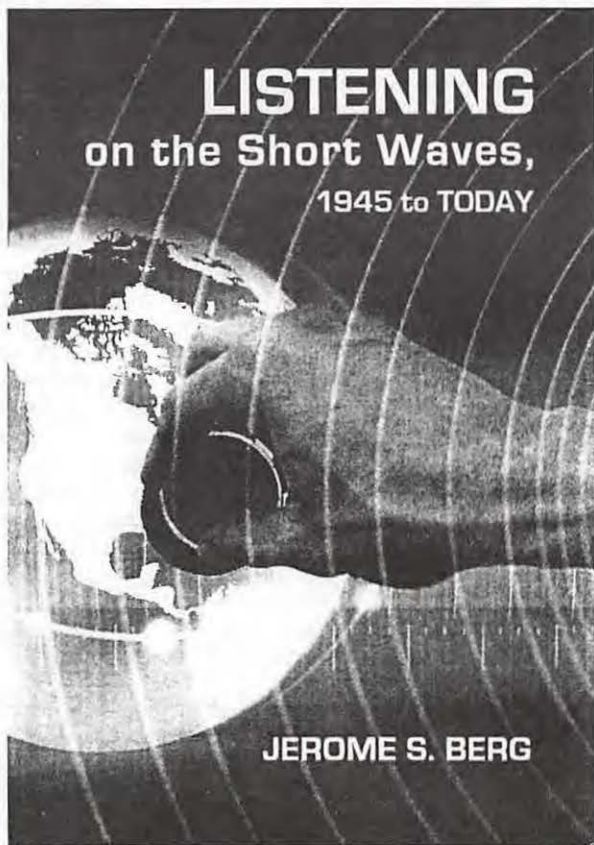
Written by Jerome S. Berg
Published by McFarland & Company

Reviewed by Richard A. D'Angelo

I can save you some time; if you have any interest in the history of the shortwave radio hobby from a listener's perspective go out and purchase this book and skip reading the rest of this review. This is really quite simple, *Listening on the Short Waves, 1945 to Today* is a marvelous story of the development of the organized shortwave listening hobby told by one of the great veterans of the era. Another historical masterpiece following upon the success of the author's first book a decade ago.

Back in 1999, Jerome ("Jerry") S. Berg's ground breaking masterpiece *On The Shortwaves, 1923-1945: Broadcast Listening in the Pioneer Days of Radio* was released to critical acclaim. *On The Short Waves* was a book that captured the thrill and excitement of the early days of radio broadcasting, radio listening and DXing. It quickly became a "must have" in every shortwave listener's library reflecting the extensive scholarly research into the history of medium wave and shortwave radio broadcasting and listening and the events surrounding the period 1923-1945. For the first time the com-

plete history of the pioneer days of shortwave broadcast, from the early concepts of Marconi & Armstrong, through the Golden Era of the 1930s and finally through World War II were captured in a fully illustrated hardcover reference for every shortwave listener. If you have never read it, this would be a good time to pick it up while embarking on the next two books in the series, *Listening on the Short Waves, 1945 to Today* and *Broadcasting on the Short Waves, 1945 to Today* (ISBN 978-0-7864-3674-3). The three books are essential readings for the shortwave radio listener, hobbyist and



historian. If you are looking to learn more about the history of shortwave radio, the role of the listener and the broadcasting organization that used the medium, the *On The Short Waves* trilogy is required reading and quite enjoyable reading too.

Since 1999, Jerry Berg has continued his research into shortwave listening with McFarland & Company releasing two new titles about its history that I am sure members will want to get their hands on for some good reading during the DX season. Jerry has done it again and again with two superb volumes; one from the listening perspective and one from the broadcasting perspective. There was so much material covered in Berg's research that writing one massive tome on shortwave history wasn't enough of a project so he expanded it to two separate books. This review will focus on *Listening on the Short Waves, 1945 to Today*; I'll have a review of *Broadcasting on the Short Waves, 1945 to Today* next month. By the way, McFarland is a leading U.S. publisher of scholarly, reference and academic books. Located in Jefferson, North Carolina, McFarland publishes books that can be found in libraries worldwide.

As many of you know, Jerry Berg has been an active shortwave listener for several decades. He has been a long time member of many clubs worldwide as well as a regular contributor. He has been involved in the affairs of the North American Shortwave Association for a very long time as an active member, contributor, former editor, current Executive Council member, a member of the club's Country List Committee and Chair of the Committee to Preserve Radio Verifications. Also, Jerry is a shortwave radio historian doing general research into the early days of radio broadcasting and listening, collecting much material over the years and disseminating this information during lectures at radio gatherings, conventions, etc. Consequently, there is nobody more accomplished than Jerry Berg to write about shortwave radio from both a listening and broadcasting perspective.

Listening on the Short Waves, 1945 to Today (ISBN 978-0-7864-3996-6) is written from

the standpoint of the serious shortwave enthusiast the book is sure to please the reader with the broad perspective and detailed history it offers. The book begins with an examination of the broad shortwave audience. It then presents in detail the histories of the major North American shortwave clubs, and reviews the professional and listener-generated shortwave literature of the era. It also covers the DX programs and other listening fare to which shortwave listeners were most attracted, and the QSL-cards sought as confirmation of their reception. The book presents a chronology of the shortwave receivers available to listeners, and discusses how changes in receiver technology impacted the listening experience. It also addresses the important role that computers have played in the shortwave listening of recent decades. The book covers numerous topics in its nine chapters.

The first chapter provides a general introduction to shortwave broadcasting through WWII. The second chapter describes the listeners and why they tune the shortwave bands. The meat of the book is the third and fourth chapters. Chapter three covers the clubs with detailed histories of North American Shortwave Association, American Shortwave Listeners Club, Newark News Radio Club, Society to Preserve the Engrossing Enjoyment of DXing, the Universal Radio DX Club, the International Shortwave Club, Canadian International DX Club, and the Ontario DX Association as well as many others plus histories of many foreign clubs such as the World DX Club and British DX Club in England and the Australian Radio DX Club and New Zealand Radio DX League in the Pacific that had an impact on the U.S. listener. Chapter four provides a review of the literature of the shortwave world from official sources to electronic magazines, monitoring magazines and other references, shortwave books, surveys, DX newsletters, club publications, recordings and DX humor. The fifth chapter provides a history of the main DX programs, plus a review of other programs and station-run DX clubs. Can the world of shortwave radio be complete without a serious discussion of the equipment available to listen with? Chapter six is a detailed historical review of the

development of shortwave receivers since World War II; communications receivers, tabletops, portables, and kits. This includes communications receivers by Hallicrafters, Hammarlund, National, and other manufacturers past and present, with special attention to receivers that were intended for SWBC listening. The seventh chapter covers verifications, station QSL policies, reporting techniques, QSL literature, DX statistics, awards and contests, country lists, SWL-card swapping, and WPE calls. Finally, the modern era of shortwave radio gets into computers and the Internet which is covered in the eighth chapter. The ninth and final chapter enables Jerry to draw some interesting conclusions and offers his thoughts about the future of shortwave broadcasting and shortwave listening.

So what does *Listening on the Short Waves, 1945 to Today* say about NASWA? Plenty! In covering shortwave clubs, our organization plays a major role in *Listening*. NASWA plays a significant role in the post-war period as the shortwave listening hobby developed. Significant contributions from key members of our organization were recognized. People such as Bill Eddings, Bill Oliver, Don Jensen, Gerry Dexter, Bob Brown, Harold Cones and many others tell the clubs story.

I found myself fascinated by chapters three and four. Chapter three is filled with a detailed history describing the development of many radio clubs brought back many memories of my early days in the shortwave hobby. If you are relatively new to the hobby, this will give you some perspective about how the hobby developed and changed over the years. This chapter will bring back a lot of fond memories for those that lived through these years while tuning the shortwave bands. In a sense, chapter four is much of the same but on the literature side of the shortwave radio hobby. A number of long gone publications are covered and illustrated once again providing the newcomer to the hobby some perspective while rekindling warm memories for long time radio hobbyists. I subscribed to many of the magazines and publications covered in

this chapter. The collection of illustrations featured in the book is outstanding. The old expression about a picture being worth a thousand words is often true as I found myself staring at many of the illustrations while recalling my encounters with many of these great vintage publications. Naturally, many of the active names that dominated the club scene and also the publication scene are brought back to life once again; many of the names are still major players in today's listening environment.

The many DX programs and receivers described in detail in chapters five and six continue the flood of vintage great memories. The Happy Station with Eddie Startz, DX Juke Box morphing into Media Network all from Radio Nederland's are but a sampling of the history on the program side. The receivers covered are basically anything you can dream up and more. My first purchased receiver, a National NC-190 with its shortwave bandspread, is one of many covered. Early tubes all the way to modern marvels is the best way to describe what awaits.

Another important positive aspect of this book is the Chapter Notes. I diligently read them flipping from chapter text to the notes for additional details. There is almost another book buried in the Chapter Notes which are worth reading. If you follow them along with the text of each chapter, they add considerable additional texture to the adventure.

Over the years, numerous DXers and shortwave listeners, myself included, have gotten to know Jerry Berg. As Chair of the CPRV and an avid fan of radio history, Jerry has accumulated a wealth of radio broadcasting history, both medium wave and shortwave. Often at radio gatherings, hobbyists get to listen to Jerry telling stories from the early days of radio broadcasting while leafing through one of the many CPRV albums of QSL cards and letters from the early days. These discussions usually perk one's interest in the subject matter. Thankfully, he took the time to put together this terrific book which captures so much of the flavor of that

time period from a listener's perspective. What sets this book apart from any other books written about the early days of radio broadcasting is that a radio hobbyist, with the insight of a true radio hobbyist, has written this one.

Listening on the Short Waves, 1945 to Today By Jerome S. Berg is a 423 page, hardbound (7 x 10 inch) book, which includes 120 photographs and a detailed index. For the benefit of those wishing to do additional reading or research, comprehensive end-notes and a selected bibliography contain extensive references to both popular and academic resources. The book is available direct from the publisher, McFarland & Co., Inc., Box 611, Jefferson, NC 28640 for US\$65.00 plus US\$4.00 shipping and handling in the United States and US\$6.00 elsewhere. Also, orders may be placed by telephone (1-800-253-2187) or FAX (1-336-246-5018) or through the publishers' website

<<http://www.mcfarlandpub.com>>. Orders can be charged to VISA, MasterCard, AMEX, or Discover cards. The books are also available from Universal Radio in Reynoldsburg, Ohio, and from major Internet booksellers such as Amazon, Barnes & Noble, and Waterstone's.

Listening on the Short Waves, 1945 to Today is a radio book that needs to be in every radio listener's library whether for general shortwave radio hobby interest, academic or historic purposes. It is a remarkable journey from the shortwave listener perspective on how the shortwave hobby developed and grew post World War II. It is a historical masterpiece of hobby nostalgia that charts a path from tube gear to computers. What better time than today to dig into some terrific hobby reading. Definitely, *Listening on the Short Waves, 1945 to Today* is a "must read" for every radio enthusiast.

Powerline, HomePlugs and gaming: eight things you should know

The ins and outs of this increasingly popular alternative to wireless home networking

By Keith Stuart

From UK Guardian via Mike Barraclough

Fed up of your wireless network? Tired of the fact that your PS3 can't seem to find your router through two walls and a radiator? You're not alone. PLC (or power line communication) adaptors utilise your home's electricity wiring to extend your broadband network and are increasing in popularity at an impressive rate. According to the Homeplug Powerline Alliance, 16 million units were sold last year, eight million more than 2006—and numbers are set to rise again this year.

I have to admit, I knew little about the technology before I put my Xbox 360 and PS3 in the attic room a couple of months ago and found that the wireless signal from

the router in my living room was degrading by something like 70%. A fellow journalist suggested PLC, so I contacted D-Link and asked to borrow a couple of their DHP-300s, a 200Mbps adaptor promising complete plug-and-play performance.

Which turned out to be accurate. I plugged one in to the mains socket near my router, connected it via an Ethernet cable, then slapped the other one in the socket two floors up, using another Ethernet cable to hook up my consoles. The two adapters found each other within about 20 seconds, and the result has been reliable, Ethernet-quality broadband access, with a huge reduction in latency. At around £90 for a pack of two adaptors it's not cheap, but it meant I didn't have to install a wireless booster on the first floor, or attempt to lay an Ethernet cable between my attic and my living room.

So is there anything newcomers should know about this technology? Well, yes, lots—some good, some bad. Here are eight key points to bear in mind.

Maintaining standards

Ah, format wars—aren't they just the best part of consumer electronics? Turns out, there are two types of PLC product: Powerline, supported by the Universal Powerline Association and featuring a chipset manufactured by DS2, and HomePlug, supported by the HomePlug Powerline Alliance and built around a chipset by Intellon. These, naturally, are not compatible.

However, the IEEE is attempting to ratify a single standard for PLC products, with the HPA and UPA in competition to provide the specifications. Unfortunately, at a recent meeting in Madrid, the IEEE proposal failed to garner enough votes for the standard to be put in place. On top of that, the International Telecommunications Union G.hn group is attempting to drum up support for a rival standard, which places greater emphasis on interoperability and according to Andrew Mulholland, Marketing Manager for D-Link UK and Ireland, has more backing from the industry.

This doesn't mean much at the moment, but a single technological standard could make PLC technology more understandable and accessible to consumers, and may lead to overall improvements in performance. Either that or you'll discover you backed the wrong horse in the format war and your adaptors are now obsolete.

Speed counts?

PLC adaptors tend to come in two flavours—85mbps and 200mbps. There's some disagreement on whether you need to opt for the faster solution for gaming, though I know several tech journalists who say they get by just fine with 85mbps. It's when you're shifting HD video content around your house that you may want to upscale. As Andrew Ferguson of Thinkbroadband con-

firm, "The AV (200Mbps) units are needed if you are going to be using fast broadband in the 20Mbps to 50Mbps region, or are perhaps streaming HD video (20-30Mbps) from a home media server."

Distance still matters

"HomePlug units are range dependent, so in large houses the speeds experienced will vary," says Ferguson. "From second to ground floor should be achievable normally—but I've found the AV (200Mbps) units to have a better range".

Go for a pure connection

Always put the adaptor straight into the wall rather than an extension socket—that'll cause 'noise' which effects speed. However, D-Link reckon new adapters can cope with crowded sockets and extensions thanks to their modulation and error recovery mechanisms.

It's more secure than wireless, but not completely secure...

There's a possibility that you may share electricity circuitry with a neighbour, so in theory, if they plug a compatible PLC adaptor into a socket, they could hitch a ride on your broadband network. However, most units come with software that lets you secure your network, granting access only to properly configured adaptors—i.e. your own.

Interfering with people

When I asked Andrew Ferguson if there are any disadvantages to the technology, he simply replied, "talk to radio hams..." So I did. It turns out PLC adaptors produce RF interference, which may knock out short-wave radio reception within the immediate vicinity. Radio hams aren't happy, viewing this technology an indiscriminate and clumsy airwave pollutant. There are pressure groups dedicated to securing legisla-

tion against PLC—I contacted one named UKQRM, which has produced YouTube videos purporting to show the interference in action. Elsewhere, the Radio Society of Great Britain is pressuring OFCOM to take action.

I asked Andrew Mulholland for a comment. He told me: "PLC devices inject very low power into the electricity lines to avoid having interference to radio services. Additionally all D-Link devices based on DS2 technology have all the IARU frequencies notched out, with an average attenuation of 40dB each. This enables the devices to be radio friendly. Furthermore, the DS2 chipset has been tested and subsequently demonstrated to Radio Amateur associations such as ARRL in the US.

"Additionally to this, D-Link PowerLine products based on DS2 technology have the capability to add any other notch should the need arise, providing a completely programmable and flexible way to solve any interference regardless of the frequency. This is a unique feature that allows these devices to be 100% radio friendly."

I also had a chat with Jonathan Lishawa, the managing director of Comtrend, which provides Powerline adaptors for use with the BT Vision service. He assured me the company is working closely with OFCOM and BT to overcome any interference issues. "We had to answer lots of questions from BT, we had to go through exhaustive field trials, and we had to conform to all the EMC certification, as well BS1363 parts 1,2,3. I can't stress this enough, we'd like to engage with the Radio Society, but in a constructive manner. It is a concern, but we believe we've addressed and continue to address that concern".

This does, however, remain a complex area with several ambiguities and uncertainties. From anecdotal evidence it seems there are products available that interfere with shortwave frequencies, not just amateur bands but with radio stations like the BBC World Service. I have been contacted by an ex-BBC transmissions engineer who claims to have investigated dozens of interference

problems reported by radio listeners, and has been personally affected, bringing in OFCOM to remove a neighbour's PLC adapter due to 'spectrum abuse'.

While PLC adapters may allow the 'notching out' of affected frequencies, it looks like it's up to individual users to ensure they're not blocking radio reception for all their neighbours.

Interfering with your keyboard

On a more local level, there have been instances of Comtrend Powerline adaptors interfering with wireless keyboards and mice.

"To put this into perspective we've shipped into the UK over half a million pairs of adaptors, and we've had 20 customers who've had interference issues—and we've managed to resolve all of those," says Lishawa, who adds that the solution is often to 'notch out' or block the offending frequencies via the adaptor.

Interfering with your fridge

There's also a possibility that household appliances can interfere with PLC technologies, but modern adaptors are designed to cope with this. As Mulholland states:

"Despite PLC technology using OFDM modulation with FEC error recovery mechanisms, the powerline channel originally was not designed to be a clean communication medium like coaxial and there are some house appliances that could introduce some noise into the channel that vary its conditions along the time (Signal to Noise ratio). These variations are handled by the technology adapting its modulation schemes to transmit the data without losses and this can produce slight changes in the performance during the day, although continuous SW and HW enhancements are introduced into the adaptors to minimize its effects in the speed and in their general performance".

Get that?

European DX Council Conference 2008

Report by Michael Murray

[World DX Club *Contact*, November 2008]

The 2008 EDXC Conference, the 41st, was held in the western city of Vaasa, Finland during the early part of September at the Hotel Silveria. Vaasa was founded in 1606 and built mainly of wood, but was burnt to the ground in 1852. A new city of Vaasa was built over the next 150+ years on the coast, some 4 miles away from the old town, and now has a population of about 58,000.

The conference, which was held in conjunction with the Finnish DX Association Summer Meeting, started on the Friday evening with the raising of the Finnish and Finnish DX Association flag's outside of the hotel. Following this there was a short resume of the past 50 years of the Finnish DX Association (FDXA), by Risto Vahakainu, the chairman of the organizing committee. The participants then entered the conference room to hear Jari Perkiomaki give a presentation about the DX listening room and the various receivers and antennas available for the evening dxing. After a DX quiz, which was won by Alexander Beryozkin from St Petersburg, Russia on the various languages heard on the radio, presented by Arto Mujunen, we received greetings from a representative of the Vaasa city council. In celebration of the 50th Anniversary of FDXA, Kari Kivekas, the chairman and editor Heikki Aarrevaara, presented a new 200-page book describing the history of the organisation. The evening concluded at the grill pit, in the grounds of the hotel, with snacks and drinks.

Saturday morning started with the official opening of the conference by Kari Kivekas, the President of FDXA, Tibor Szilagyi, EDXC Secretary General, Risto Vahakainu and Jari Sinisalo, organising committee. During the opening, Tibor Szilagyi mentioned that the Council now had 10 member clubs, 3 clubs and one radio station as observers, and one private member. He also mentioned that it

was very difficult to obtain any response from radio stations invited to attend the conference. A minute's silence was then held for Lajos Horvath, DX editor of Radio Budapest, who had passed away in March. Mr. Horvath had attended the EDXC conference held in Tampere in 1992. Greetings were also received from a number of non-attendees.

The next item on the agenda was an international panel featuring broadcasters and representatives of the Council. During this period we were introduced to Mr. Hasan Mueminoglu and Ms Ufuk Gecim from the Voice of Turkey. Mr. Mueminoglu spoke in Turkish about the station and the work it is doing, as they look more and more towards Europe. His words were translated into German and then into English for the audience. The station broadcasts in 30 languages on shortwave and in five languages on FM, for tourists in the Antalya area.

Arto Mujunen, from the IBB monitoring station in Finland, spoke next about his work, and the fact there are ten monitoring stations and twenty private monitors in the old Soviet Union. He also talked about the HFCC Conference, which was held in Moscow during August. Arto mentioned that international shortwave broadcasting is not dying, as it is still very difficult to find available frequencies. While there are fewer broadcasters, many more are now using relay stations. An interesting note is that international broadcasters are not interested in using the tropical bands.

At many of the EDXC Conferences, a city sight seeing tour takes place, and this year was no different. However, this time we drove slowly around the small city of Vaasa, which has been occupied by Sweden, then Russia, before it became part of Finland following independence in 1917. The first stop was to view the longest bridge in Finland. Replot bridge, which replaced a ferry connection in August 1997, takes you from the city of Vaasa to the island of Replot which houses the Kvarken Archipelago

World Natural Heritage Site, listed in 2006 by UNESCO. The resident population of the island is over 2000. After a drive round the island, we stopped at a local restaurant for a buffet lunch, which consisted of warm and cold meats, warm and cold fish, cheese and drinks. From the windows of the restaurant you could look out over the archipelago. On our return from the tour the official conference photograph was taken outside of the hotel.

The afternoon sessions began with a lecture by Tarmo Kontto on the subject of Software Defined Radio's. These types of radio came onto the market with the Win Radio and now you have the SDR-IQ and Persens. The future looks at featuring remote control, combined SDR and traditional receivers, with bigger hard-drives, more computer power, and the recording of a wider spectrum i.e. 1600kHz.

Jukka Kotovirta and Jukka Soini then summarised, for us, the results from of the summer FM DX season, which was the worst for sporadic E reception. It was reported that the Vaasa area has had poor reception for the past two years. Risto Vahakainu then gave us the latest news about Dxpeditons, and introduced five experienced MW Dxers, who discussed conditions they found from various locations in Finland, Sweden and the United Kingdom during solar minimum in 2007. These conditions did not provide as many catches as in previous lows 11 years and 22 years ago. Esa Saunamaki and Trevor Twyman, from the Scandinavian Weekend Radio, gave the final presentation of the day. They provided a live studio for their monthly Saturday broadcast.

The annual conference banquet, a typical Finnish meal, was held during the evening, in the hotel restaurant. Following the meal, Torre Ekblom and Jyrki Talvitie made speeches looking back over the history of Finnish Dxing up until the present day. Greetings were then received from the Danish SW Club International, Swedish DX

Federation, Hungarian DX Club and the St Petersburg DX Club. Trevor Twyman provided the entertainment, in which he looked at the differences between Finns and Brits. The evening finished with a lottery and auction.

On the final morning, the EDXC held its annual club meeting. Tibor Szilaygi received an invitation from Edward Dunne of the Irish DX Club to host the 2009 conference in August next year in the capital Dublin. A provisional invitation was also received from the Voice of Turkey (TRT) for the 2010 conference to be held in either Ankara or the Antalya area. Torre Ekblom reported on the low activity of the member clubs to any suggestions and activities, and asked for more participation. The new web site is now up and running at www.edxc.org, which is now much easier to use. The site has an updated Country List and contains reports from recent conferences, DX meetings and a history of the Council.

Anker Petersen reported that he is looking for assistance in updating the Reporting Guide.

Tibor then reported that the St Petersburg DX Club had become new Members, while the British DX Club and BCL Sicilian DX Club had become Observer Members. In addition two people had joined as private members. The final item on the agenda was a Geographical DX quiz organised by Jari Sinisalo and won by three Finnish attendees. The conference closed with the lowering of the flags.

In conclusion, 112 people had attended the conference from twelve countries, with the majority coming from the host country Finland. Other countries represented were Russia, USA, Sweden, Turkey, Denmark, Ireland, Italy, Japan, Vatican City, United Kingdom and Germany.

Report by Michael Murray, with additional material taken from the EDXC report written by Anker Petersen.

Radio Mosoj Chaski, Bolivia

By Marlin A. Field

Radio Mosoj Chaski ("New Messenger") has been broadcasting in the Quechua language since April 1991 from Cochabamba (See *Insert No. 1*), Bolivia (See *Insert No. 2*), on 3310 kHz. It was started by the Sudan Interior Mission (SIM), which started ELWA in Monrovia, Liberia, many years earlier.

The programs include indigenous Gospel music, Bible teaching, leadership training, and a wide range of information to improve the lives of the mountain Quechua people. Each year Christian workers from the cities of Bolivia travel long hours over the mountainous roads to bring teaching and encouragement to the remote Quechua villages. Each year the rainy season makes the roads impassable and so radio is very important. In addition, radio can reach more people than the limited number who go in person, and with the pre-tuned solar-powered radios even more so. Radio Mosoj Chaski also has a literature ministry. Radio team members have produced a Bible dictionary, concordance, and handbook and are working on a Bible atlas. The station has also produced some Christian videos and DVDs, a ministry it wishes to expand, in part by dubbing in Quechua some Christian material now only in English.

One person involved in the literature ministry and heard on the station is Simón Chavez. He quit school in the fifth grade. Later he attended a Bible Institute in the city of Sucre, Bolivia. He spoke the Quechua language but he had to learn to write the language and then to use the computer. In addition to writing radio programs, he wrote and published a one-year devotional in Quechua called "Bread and Heaven." (English translation of title). Last year he graduated high school with honors.

Insert No. 1: Cochabamba is a city in central Bolivia, located in a valley bearing the same name in the Andes mountain range. It is the capital of the Cochabamba Department and is the third largest city in Bolivia with an urban population of 608,276 in 2008 and a metropolitan population of more than 900,000 people. The name derives from a compound of the Quechua words *ghocha*, meaning "lake", and *pampa*, "open plain". Residents of the city and surrounding areas are commonly referred to as *Cochabambinos*. Cochabamba is known as the "City of Eternal Spring" and "The Garden City" due to its spring-like temperatures year round.

Insert No. 2: Bolivia, named after independence fighter Simon Bolivar, broke away from Spanish rule in 1825. Much of its subsequent history has consisted of a series of nearly 200 coups and countercoups. Democratic civilian rule was established in 1982, but leaders have faced difficult problems of deep-seated poverty, social unrest, and illegal drug production. In December 2005, Bolivians elected Movement Toward Socialism leader Evo Morales president - by the widest margin of any leader since the restoration of civilian rule in 1982 - after he ran on a promise to change the country's traditional political class and empower the nation's poor majority. However, since taking office, his controversial strategies have exacerbated racial and economic tensions between the Amerindian populations of the Andean west and the non-indigenous communities of the eastern lowlands.

Kim's Column

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This column, with links, is available at this URL publicized only to NASWA members: <http://kimelli.nfshost.com/index.php?id=5515>

Did you DX the Queen on Christmas?

I wanted to listen to the Queen's Christmas message to the Commonwealth the proper, old-fashioned way: via shortwave. But, with no BBC frequencies beamed our way, and with pesky noise from some local source, I would have had to DX Her Majesty.

Insufficiently ambitious to do so, I opted for the BBC Radio 2 audio stream. (Radio 2 is actually quite a good station to listen to on Christmas day, with lots of specials and request programs.) The Queen's message came right at 1500 UTC, but suffered a few short dropouts throughout.

At the end, I was surprised not to hear the "God Save the Queen." That, for me, is a vital part of the experience. So, quickly as I could, I made my way to the BBC World Service stream, where the Queen's message started at 1505 UTC. This time, the UK national anthem was duly played at the end of her talk.

Listening to the Queen's Christmas message on BBC World Service is a slice of international broadcasting history. In 1932, Sir John Reith, founder of the BBC, suggested the idea to then King George V, as a way to inaugurate the BBC Empire Service, the shortwave predecessor to BBC World Service.

The Queen's message, and the Festival of Nine Carols and Lessons the previous day, sound better to me on shortwave. The ethereal quality of the occasional fading, of the less than perfect signal, give a sense of the actual distances covered by the old Empire, and more recently the Commonwealth.

I wonder how many people in the Commonwealth make a point of sitting by their shortwave radios on Christmas day to hear that message? In how many countries, where the Queen is head of state, is the message relayed by the local broadcaster? I noticed that CBC, for example, did not relay it. Canadians, presumably, would have to access the BBC via internet to hear it.

New media of international broadcasting, blocked

As more and more international broadcasters rely on FM relays of their programs inside their target countries, more and more countries are disinviting those FM relays. Azerbaijan, for example, plans to take BBC and RFE/RL off its FM dial at the end of 2008, telling those stations to use cable, satellite, or the internet instead. Kyrgyzstan stopped FM relays of BBC, at least for a time, and as of this writing they won't let RFE/RL back on until the U.S.-funded station agrees to submit its content in advance. RFE/RL says they won't that. An RFE/RL press release proclaimed: "RFE/RL President Jeffrey Gedmin said the move may force Radio Azattyk [RFE/RL's Kyrgyz service] to put its broadcasts exclusively on shortwave frequencies for the first time since the collapse of the Soviet Union." How awful.

VOA, BBC, RFI, and other stations broadcasting in Russian have found themselves squeezed from the FM dial in Russia due to various regulations and political pressures. In response, they have not stepped up shortwave transmissions, on the premise that Russians don't listen to shortwave like they used to, and probably also because they no longer have the shortwave transmitters for such a saturation effort.

Instead, these stations have increased their internet offerings in Russian. This makes sense, as Russian are enthusiastic and savvy

internet users. But Russian officials also have the savvy to censor internet content. This is not happening – yet—against international broadcast sites, but it is to certain opposition sites. Will Russia eventually join China, Iran, and other internet-blocking nations?

Meanwhile, in Sri Lanka, BBC has a contract for its Sinhala and Tamil programs to be relayed by the SLBC. Lately, SLBC has been “jamming,” or inserting noise, just as the BBC content deals with certain sensitive Sri Lankan domestic issues.

So, in Azerbaijan, Kyrgyzstan, Russia, and Sri Lanka, among other nations, the local rebroadcasting model of international broadcasting is no longer working. Is shortwave the fallback? The big questions here are whether people in these countries still have shortwave radios to listen to, and, if they do, are they willing to listen to them to get uncensored news?

It’s ironic that, in Russia, more people may have had access to shortwave back in the Soviet days, when Latvian made VEF receivers were in the shops. Now Russian have to buy Asian imported shortwave radios, which might be more expensive, and harder to find.

BBC backpedals in hiring a new World Service director

In November, the BBC’s decision to cut back on its Russian radio broadcasts, in favor of more internet, caused a flurry on controversy, and letters backs and forth in The Times of London. BBC World Service director Nigel Chapman was recipient of much

of that wrath. By the end of November, it was announced that Chapman would leave World Service to become chief executive of the children’s charity Plan International.

During December, The Telegraph newspaper revealed another controversy: the vacancy announcement for Chapman’s replacement as World Service director had a very short deadline. This made it difficult for outside applicants to get the necessary materials in on time. A Conservative MP said, “This does sound like a jobs for the boy stitch-up.” In other words, BBC probably had already decided who it wanted as new BBCWS director.

Former BBCWS director John Tusa was among the signers of a letter to The Telegraph: “It is clear from even the most cursory comparison of broadcasting schedules that the claims by the minister and Nigel Chapman, the outgoing director, about ‘increased cultural output’ are empty; all longer features about literature, history and British culture are to be axed.... To maintain the BBC World Service’s reputation, the new managing director must be chosen through a fully open selection process. In addition, a new managing director must be authoritative in news and current affairs, capable of resisting pressure from all governments and should not believe that the World Service can be founded on the perceived importance of marketing.”

This would ring true to those of us who miss the variety we used to hear on World Service.

Views expressed are my own. More at www.kimandrewelliott.com.



VOICE
of
NIGERIA

Listener's Notebook

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

ALBANIA Frequency changes of *Radio Tirana*:

0000-0130 Albanian 7425, ex-9345
0130-0145 English 7425, ex-9345
2130-2300 Albanian NF 7435 SHI, ex
9345 // 6005

(DX Mix - Bulgaria & Drita Cico/R. Tirana via
DX Listening Digest/hauser-OK)

BELGIUM (non) Some TDP changes:

Ginbot 7 Radio:

1700-1730 Amharic NF 9880 SAM Tu/Th/
Su, ex 12120
1700-1730 Amharic NF 11530 Tu/Th/Su,
ex 15350

Radio Xoriyo Ogadenia:

1700-1730 Somali NF 9485 SAM We/Fr
1700-1730 Somali NF 11720 SAM We/Fr
1400-1430 Somali 21585 SAM Tu/Sa,
cancelled

(DX Mix - Bulgaria)

CANADA 6070 *CFRX* Toronto is being widely reported as back on air with new equipment, but lesser signal due to new northerly directionality. Station relays 1010 *CFRB*.

CHAD 4905 *Rdif. Nat. Tchadienne*, Gredia, N'Djamena, 1609-2231*, Dec 09, 10, 13, 14, 16, 17, 18 and 19. Back from 6165, but on Dec 22 back on 6165! Arabic talk about Muhammed and Ramadan, French ann, Afropop, Rap, (Liangas via EDXP, Mille, Otavio, Petersen, Romero, Ronda, Savolainen and Schulze). (DSWCI DX-Window/Petersen-DK)

CLANDESTINES 3960 *Radio Racja*, via Sitkunal, Lithuania, *1530-1730*, Nov 27, 28, Dec 03 and 07, Belarusian talks on new B08 schedule, often ID's and Radio Racja jingles, Belarusian pop songs, interview of a journalist from AFP about the Belarusian President, a couple of statements in Arabic and Farsi, ex-7565. (Petersen and Romero/DSWCI DX-Window)

7315 *Radio Dabanga*, via Wertachtal, Germany, *0430-0450, Nov 24 and Dec 07, several opening IDs in Arabic mentioning Daifur, local vocals music selections with short ann between songs and numerous IDs. (D'Angelo/FCDX, Petersen) They verified a report to the radiodabanga@yahoo.com e-mail address. Per the station, "We do not

have a fixed QSL yet. But I hope this information is helpful to you". The three documents attached to the e-mail were: (1) How to receive Radio Dabanga, (2) R Dabanga On Air!, and (3) The meaning of Dabanga: life is changeable for good or bad.

Press Now states that "Radio Dabanga is a project of the Radio Darfur Network a coalition of Sudanese journalists and international (media) development organizations, supported by a consortium of international donors, humanitarian community organizations and NGO's. Radio Dabanga is conceived, operated and facilitated by Press Now in The Netherlands."

The third document notes that Dabanga is a large storage vessel used by Sudanese farmers to preserve food. Also, from the third document comes the following: "Dabanga is a small village near El Fasher (North Darfur). It is also a well in the Wilayat area in South-Darfur 528 meters above sea level. In December 2007 over thousand people were displaced from this area due to insecurity in the area and lack of humanitarian assistance. (D'Angelo, Nov 30/DSWCI DX-Window)

DOMINICAN REPUBLIC 5010, *Radio Pueblo*, Santo Domingo, 2325-2350, Dec 13, popular Christmas music "...Navidad Radio Pueblo, parranda navidena de la 15-10 AM estereo digital...", at 2320 ID: "...en la Republica Dominicana, origina su senal ...Radio Pueblo 15-10 AM estereo digital...banda internacional de 60 metros...". (Rodriguez/DSWCI DX-Window)

FRANCE Frequency change of *RFI*:

0600-0630 Hausa NF 6135 ISS, ex
6170 // 7220
(DX Mix - Bulgaria)

GERMANY Some change of *Deutsche Welle* in DRM:

0500-0600 3995 SIN, cancelled >>> now BBC
0600-0700 3995 SKN, cancelled >>> now BBC
0700-0800 NF 5990 SKN, new additional
transmission
0800-1000 NF 9610 SIN, new additional
transmission
1600-1800 3995 SKN, cancelled >>> now BBC
2100-2200 3995 SKN, cancelled >>> now BBC
2200-2300 3995 SIN, cancelled >>> now BBC

(DX Mix - Bulgaria)

GERMANY (non) Some Media Broadcast changes:	4950	50	Srinagar v2245-0020v (Ramzan period),s0025/w0120-0215 1120-1739
WYFR Family Radio:	4960	50	Ranchi 0025-0445 1100(Sun 1130) -1741
1600-1800 Amh/Swa NF 11955 NAU, ex 13660	4965	50	Shimla 0025-0200 1235v-1730(Sat, Sun 1741)
1700-1800 Russian NF 9885 WER, ex 5970 NAU	4970	50	Shillong 0025-0400 1056-1630
1800-1900 Russian NF 7180 WER, ex 5970 NAU	4990	50	Itanagar 0020-0400 1000-1630
	5010	50	Thiruvananthapuram 0020-0215 1145(Sun 1130)-1740
Voice of Oromia Liberation Front:			
1600-1700 Oromo NF 11760 JUL Su/Tu/Th, ex 9695 WER	5015	50	Delhi (Kingsway) 1220-1841
	5040	50	Jeypore 0025-0435 (Sun 0445, Sat 0545 v),1130-1741
(DX Mix - Bulgaria)	5050	10	Aizawl 0025-0400 1130-1630
	5965	50	Jammu 0630-0930
GREENLAND 3815, 2105-2214* December 16+17, KNR , Tasiilaq (USB only) Greenlandic/ Danish Greenlandic ann, songs, 2200 jingle, news in Danish (presumed), song at close - back on ordinary schedule! 14232 -12231 deep fades and CWQRM. The latest news in Danish can also be heard at http://www.knr.gl/index.php?id=1855 (Anker Petersen, Denmark/via Dario Monferini, playdx/DX Listening Digest/hauser-OK)	5985	50	Ranchi 0630-1000
	5990	250	Aligarh 0100-0200 Sindhi (Pakistan)
	6000	10	Leh 0700(Sun 0630)-0930
	6020	50	Shimla 0215-0400,0700 (Sun 0415-1000)-0930 1130-1230
	6030	50	Delhi (Kingsway) 0200-0310 1215-1430
	6040	50	Jeypore 0700-0936
	6045	100	Delhi (Kingsway) 1430-1930 Urdu (Pakistan)
	6065	50	Kohima 0430-0510 0700-0900
	6085	50	Delhi/Kingsway 1220-1310 1330-1340 1345-1420 1430-1440 1445-1615/1630/1700/1730v, 1730-1740
INDIA Indian stations schedule B08			
kHz kW Station UTC (Target Area)			
3945 50 Gorakhpur 0130-0230 Nepali (Nepal), 0230-0300 HS, 1330-1430 Nepali (Nepal), 1430-1735 Urdu (Pakistan)	6100	100	Delhi 0230-0330 1430-1530
4760 10 Leh s0130/w0213-0400/0413/Sun 0430 1200-1700	6110	50	Srinagar 0225-0509 (Sun 1115), 0600-1115
4760 8.5 Port Blair 2355-0300 1030-/1700/1730	6150	50	Itanagar 0700-0900
4775 50 Imphal 0000/0030-0215 1030-1700/1730	6155	100	Delhi (Kingsway) 0015-0430Urdu (Pakistan)
4800 50 Hyderabad 0020-0215 1130-1742	6165	250	Delhi (Khampur) 1230-1500 Sindhi, 1500-1600 Baluchi (Pakistan)
4810 50 Bhopal 0025-0215 1130-1742	6190	50	Delhi/Kingsway 0730-1030
4820 50 Kolkata 0025-0215 1220-1744	7105	50	Lucknow 0700(Sun 0445)-1000, 1005-1006
4830 50 Jammu 0025-0445/Sun 0450 1030-1741	7115	250	Panaji 1615-1730 Persian, 1730-1830 Malayalam (W. Asia)
4835 10 Gangtok 0100-0401 1030-1600	7115	8.5	Port Blair 0315-0400 (Sat 0415,Sun 0500), 0700-0931(Sun 1000)
4840 50 Mumbai 2355-0400 1230-1730	7120	50	Jaipur (Sun v0420-0600), 0630-0931
4850 50 Kohima 0000-0415 1000-1600/1630/1700	7125	100	Delhi (Kingsway) 0100-0200 Sindhi (Pakistan)
4860 50 Delhi/Kingsway 0025-0440,1220-1330 HS, 1330-1430 Nepali (Nepal), 1430-1930 Urdu (Pakistan)	7130	50	Shillong 0656-0930
4880 50 Lucknow 0025-0430(Sun 0415), 1215-1741	7140	50	Hyderabad 0225-0445(Sat 0505,Sun 0500), 0610-0930/0935 (Sun 0530-1030)
4895 50 Kurseong 0055-0400 1130-1700(Sat, Sun 1741)	7140	100	Delhi (Kingsway) 1550-1615/1630/1700/1730v 1730-1740
4910 50 Jaipur 0025-0400/Sun 0430 1130-1741			
4920 50 Chennai 0015-0245 1200-1739			
4940 50 Guwahati 0000-0415 1150-1700(Sat 1741)			

7150	50	Delhi (Kingsway) 0030-0040	9585	250	Delhi (Khampur) 1615-1715 Russian (E. Europe)
7150	50	Imphal 0225-0400/0530(Sun 0500),0645(Sun 0600)-1000	9595	100	Delhi (Kingsway) 0015-0430 Urdu (Pakistan)
7160	50	Chennai 0300-0430(Sun 0530), 0610-0930 (Sun 1130)	9595	50	Delhi (Kingsway) 0700-0800 Nepali (Nepal)
7180	50	Bhopal 0225-0447 (Sun 1031), 0630-0931	9595	50	Delhi (Kingsway) 0810-0830 HS, 0830-1130 Urdu (Pakistan), 1130-1140 HS
7195	100	Mumbai 0015-0430 & 0830-1130 Urdu, 1230-1500 Sindhi, 1500-1600 Baluchi (Pakistan)	9620	250	Aligarh 1230-1500 Sindhi, 1500-1600 Baluchi (Pakistan)
7210	50	Kolkata 0230-0401(Sat,Sun 0501),0700-1000(Sun 1030)	9635	250	Aligarh 0100-0200 Sindhi (Pakistan)
7230	50	Kurseong 0620-1030	9690	500	Bengaluru 1330-1500 English (E SE Asia)
7235	50	Delhi (Kingsway) 0215-0320 0330-0340 (Sun 0355)	9705	250	Panaji 2245-0045 English (E SE Asia)
7240	50	Mumbai 0530-1035	9810	250	Panaji 0130-0230 Nepali (Nepal)
7250	50	Gorakhpur 0700-0800 Nepali (Nepal),0830-1130 Urdu (Pakistan),1130-1140 HS	9820	250	Panaji 1300-1500 Sinhala (Sri Lanka), 1530-1545 English
7255	250	Aligarh 1315-1415 Dari, 1415-1530 Pushtu, (Afghanistan, Pakistan), 1530-1545 English	9835	100	Delhi (Kingsway) 0000-0045 Tamil (Sri Lanka)
7270	100	Chennai 1000-1100 English, 1115-1215 Tamil, 1300-1500 Sinhala (Sri Lanka)	9835	250	Delhi (Khampur) 0215-0300 Pushtu, 0300-0345 Dari (Afghanistan, Pakistan)
7280	50	Guwahati 0600-0930 0945-1145 (Sun 0530-1145)	9835	50	Delhi (Kingsway) 1330-1420 1430-1440 1445-1615/1630/1700/1730v, 1730-1740
7290	50	Thiruvananthapuram 0230-0430(Sat 0530, Sun 1030),0630-1000	9870	500	Bengaluru 0025-04350900-12001245-1740 (Vividh Bharati)
7295	10	Aizawl 0700-0930(Sun 1000)	9890	100	Delhi 0730-0830
7360	100	Chennai 0000-0045 Sinhala, 0045-0115 Tamil (Sri Lanka), 0115-0430 HS	9905	250	Aligarh 1615-1730 Persian, 1730-1945 Arabic (W.Asia), 1945-2030 French (W NW Africa)
7410	250	Delhi (Khampur) 1315-1415 Dari, 1415-1530 Pushtu (Afghan, Pakistan)	9910	250	Aligarh 0215-0300 Pushtu, 0300-0345 Dari (Pakistan, Afghanistan)
7410	250	Aligarh 1615-1730 Hindi (W. Asia)	9910	250	Delhi (Khampur) 1315-1415 Dari, 1415-1515 Pushtu (Afghanistan,Pakistan)
7410	250	Delhi (Khampur) 1745-1945 English, 1945-2045 Hindi, 2045-2230 English (W. Europe)	9910	250	Aligarh 0000-0045 Tamil (SE Asia),2045-2230 English (Australia/NZ), 2300-2400 Hindi (SE Asia)
7420	50	Guwahati 0130-0230 Nepali, 0230-0245 Hindi HS, 0245-0300 English HS, 0300-0430 Bangla, 0700-0800 Nepali, 0800-1100 Bangla, 1215-1330 Tibetan, 1330-1430 Nepali, 1445-1515 Bangla, 1515-1530 Hindi HS,1530-1600 English HS,1600-1730 Bangla, 1730-1735 English HS, 1735-17	9950	250	Aligarh 2245-0045English (NE Asia)
9425	500	Bengaluru 1320-0043 (National Channel)	9950	250	Delhi (Khampur) 1515-1615 Swahili, 1615-1730 Hindi (E.Africa), 1745-1945 English, 1945-2045 Hindi, 2045-2230 English (W. Europe)
9445	500	Bengaluru 1745-1945 English (W NW Africa), 2045-2230 English(W. Europe)	11585	250	Delhi (Khampur) 1230-1500 Sindhi, 1500-1600 Baluchi (Pakistan),1615-1730 Persian, 1730-1945 (Arabic) W.Asia
9575	50	Delhi/Kingsway 1215-1330 Tibetan (Tibet), 1330-1420 1430-1440 1445-1615/1630/1700/1730v, 1730-1740 HS			

11620 250	Delhi (Khampur) 0100-0430, 0830-1130 Urdu (Pakistan), 1130-1140 HS, 2245-0045 English (E SE NE Asia)	13620 500	Bengaluru 1730-1945 Arabic (W. Asia), 1945-2030 (W NW Africa)
11620 500	Bengaluru 1215-1315 Burmese (Myanmar)	13645 250	Aligarh 1115-1200 Thai (SE Asia)
11620 250	Khampur 1330-1500 English (E SE Asia)	13695 500	Bengaluru 0315-0415 Hindi (W.Asia)
11620 250	Khampur 1515-1600 Gujarati (E. Africa), 1615-1715 Russian (E. Europe), 1745-1945 English, 1945-2045 Hindi(Europe) 1000*	13710 500	Bengaluru 1000-1100 English (NE Asia, Australia/NZ), 1115-1215 Tamil, 1215-1245 Telegu (SE Asia), 1330-1500 English (E SE Asia)
11645 250	Bengaluru 2045-2230 English (Australia/NZ/Europe)	13770 500	Bengaluru 1615-1730 Hindi (W Asia)
11710 50	Delhi (Khampur) 2245-0045 English (NE Asia)	13795 500	Bengaluru 0000-0045 Tamil, 2300-2400 Hindi (SE Asia)
11710 50	Delhi (Kingsway) 1115-1140 HS, 1215-1315 Burmese (Myanmar)	15020 250	Aligarh 1000-1100 English (NE Asia)
11715 250	Delhi (Khampur) 0130-0230 Nepali (Nepal)	15040 100	Delhi (Kingsway) 1215-1315 Burmese (Myanmar)
11715 250	Panaji 2045-2230 English (Australia/NZ)	15050 250	Delhi (Khampur) 1115-1215 Tamil, 1300-1500 Sinhala (Sri Lanka)
11730 250	Delhi (Khampur) 0400-0430 Persian, 0430-0530 Arabic (West Asia), 0530-0600 Urdu (Haj Season)	15075 500	Bengaluru 0215-0300 Kannada (W Asia), 0415-0430 Gujarati, 0430-0530 Hindi (E.Africa)
11735 500	Bengaluru 0215-0300 Pushtu, 0300-0345 Dari (Pakistan, Afghanistan)	15075 1000#	Bengaluru 0315-0415 Hindi (W.Asia, E.Africa)
11740 250	Panaji 2300-2400 Hindi, 0000-0045 Tamil,(SE Asia), 0045-0115 Sinhala (Sri Lanka)	15075 250	Delhi (Khampur) 1615-1730 Hindi, 1745-1945 English (E. Africa)
11775 250	Panaji 1215-1330 Tibetan (Tibet), 1330-1430 Nepali (Nepal)	15135 50	Delhi (Kingsway) 0125-0205 0215-0310 (Sun 0355)
11830 50	Delhi (Kingsway) 0125-0340 (Sun 0355)	15140 250	Delhi (Khampur) 1615-1715 Russian (E. Europe)
11840 250	Panaji 0315-0415 Hindi (West Asia)	15155 250	Aligarh 1745-1945 English (W & NW Africa)
11840 250	Delhi (Khampur) 1145-1315 Chinese (NE Asia)	15175 250	Panaji 1515-1600 Gujarati (E. Africa)
11850 50	Delhi (Kingsway) 0700-0800 Nepali (Nepal)	15185 250	Panaji 0315-0415 Hindi, 0415-0430 Gujarati, 0430-0530 Hindi (E. Africa, Mauritius)
11935 100	Mumbai 1745-1945 English (E.Africa)	15185 50	Delhi (Kingsway) 0730-0930 1115-1140
11985 250	Delhi (Khampur) 0000-0045 Tamil, 0045-0115 Sinhala (Sri Lanka)	15235 500	Bengaluru 1000-1100 English (NE Asia)
11985 500	Bengaluru 0215-0300 Kannada (W.Asia)	15235 250	Panaji 1115-1200 Thai (SE Asia)
12025 250	Panaji 1615-1730 Hindi, 1730-1830 Malayalam (W. Asia)	15260 50	Delhi (Kingsway) 0700-0930 HS, 1000-1100 English (Sri Lanka)
13605 500	Bengaluru 1515-1615 Swahili (E.Africa)	15770 250	Aligarh 0400-0430 Persian, 0430-0530 Arabic (W.Asia), 0845-0945 Indonesian, 1115-1215 Tamil, 1215-1245 Telegu (SE Asia)
13605 500	Bengaluru 1745-1945 English, 1945-2030 French (W NW Africa)	15795 500	Bengaluru 1145-1315 Chinese (NE Asia)
13605 1000\$	Bengaluru 2245-0045 English (E SE Asia)	17510 250	Delhi (Khampur) 0845-0945 Indonesian (SE Asia), 1000-1100 English (Australia/NZL)
		17670 500	Bengaluru 1515-1615 Swahili, 1615-1730 Hindi

17670 250	Delhi (Khampur) 1745-1945 English (E.Africa)	0330-0527 Azeri	9865
17705 500	Bengaluru 1145-1315 Chinese (NE Asia)	0400-0457 Swahili	13640 15260, ex 0330-0427
17715 250	Delhi (Khampur) 0315-0415 Hindi, 0415-0430 Gujarati, 0430-0530 Hindi (E. Africa, Mauritius)	0430-0457 Hebrew	9820 11925
17740 250	Delhi (Khampur) 1115-1200 Thai (SE Asia)	0430-0557 Turkish	12060 13750
17800 500	Bengaluru 1000-1100 English (NE Asia)	0500-0527 Russian	12025 15530 17680 17780
17810 250	Panaji 1115-1215 Tamil, 1215-1245 Telegu (SE Asia)	0530-0627 Spanish	13710 15320
17845 250	Delhi (Khampur) 0400-0430 Persian, 0430-0530 Arabic (W.Asia) 0530-0600 Urdu (Haj Season)	0530-0627 Bosnian	13760 15235
17860 100	Delhi (Kingsway) 1115-1215 Tamil (Sri Lanka), 1220-1245 HS	0600-0657 Hausa	13790 13800 15545
17875 250	Aligarh 0845-0945 Indonesian (SE Asia)	0630-0727 Italian	15435 17810
17895 250	Aligarh 1000-1100 English (Australia/NZL)	0630-0727 Albanian	#9770 13620 15085
	Remarks to the above list by Wolfgang Bueschel:	0630-0727 French	13810 15235
	*) wrong power, AIR never combined transmitters like Radio Liberty at former Playa de Pals-ESP site. Rather two separate transmitters on very same AIR broadcasting center, via different curtains to different target, like Thomson-Thales Bangalore 500 kW unit aimed at AUS/NZL 120degr; the other Thomson-Thales Bangalore 500 kW unit aimed at EUR 325 degr.	0730-0827 German	13600 15425
	\$) see above, 1 x 500 kW at 58degr E Asia, the other 500 kW unit at 90degr SE Asia	0730-0827 Pashto	15085 17590
	#) see above, 1 x 500 kW at 240degr E Africa, the other 500 kW unit at 300degr W Asia (Bedanta Das, India/Worldwide DX Club/DX Magazine/Eibl-DE)	0830-0927 Bengali	11990 15440
		0830-0927 Swahili	11705
		0830-1027 Arabic	15240 17660
		0830-1427 Dari	9895 13800 15545
		0930-0957 Armenian	9940 13720
		1030-1127 English	9695 15260
		1030-1427 Arabic	15460 17660
		1200-1227 Hebrew	13790 13800 15545
		1200-1257 Chinese	1200-1227 Hebrew
		1230-1327 Indonesian	9895 11670 13645 15150
		1230-1327 Pashto	15200 17570
		1300-1357 Kazakh	6200 7170
		1300-1427 Urdu	9660 11750
		1330-1427 Kurdish	6175 9790 9835
			5990 Kirmanji dialect
		1330-1427 Japanese	7380 9905
		1430-1457 Dari	9940
		1430-1527 Russian	#3960 7165 9575 9735
		1430-1527 Bengali	5910 7330 7380
		1430-1527 Pashto	5890
		1430-1527 Hindi	7360 9710
		1430-1527 Kurdish	5990 Sorrani dialect
		1430-1627 Arabic	15545
		1430-1657 Azeri	6200
		1500-1557 Uzbek	5945 7215
		1530-1627 Kurdish	5990 Kirmanji dialect
		1530-1627 English	6160 7330
		1530-1727 Urdu	5890
		1600-1727 Tajik	5945 5955
		1600-1727 Turkish	7125 7310
		1630-0227 Arabic	6065
		1630-1727 Armenian	6185 7230
		1630-1727 Pashto	6005 6015
		1700-1757 Russian	3985 7170
		1730-1827 German	#6180 6205 7380
		1730-1827 Swahili	6130 7345
		1730-1827 Bosnian	5945 7295
		1800-1857 Russian	6035 7305
		1830-1927 Hausa	5950 7335
		1830-1927 French	#6115 6180 7380 9565
		1830-1927 Albanian	6100 7165
		1930-1957 Italian	5890 7380
		1930-2027 English	6010 #6115 7320 9855 11695
0030-0127	Bengali	5905 6185	
0030-0227	Spanish	7225 9680	
0100-0227	Tajik	5955 6175	
0130-0227	Kazakh	7105 7265	
0130-0227	English	6120 7160	<i>Voice of Justice</i>
0130-0227	Urdu	3945 6010 6190	
0230-0257	Hindi	13725 15165	
0230-0257	Uzbek	6040 6175	
0230-0327	Pashto	6095 6140	
0230-0327	Spanish	7225	
0230-0527	Arabic	6065 7350 9895	
0300-0327	Russian	6040 7125	
0300-0327	Armenian	7255 7295	
0300-0627	Dari	9875 13740	
0330-0427	Arabic	7250 9505	<i>Voice of Palestine</i>
0330-0427	Kurdish	3945 6145	Sorrani dialect

1930-2027 Russian 3985 7205
 2030-2127 Spanish #6055 7130 7350
 2030-2127 Albanian 6100 9740
 2100-2157 Japanese 6145 7260
 2130-2227 Bosnian 5950 9710
 2230-2327 Indonesian 5945 7255
 2330-0027 Chinese 7130 7325 9635

Sitkunai, Lithuania (DX Mix - Bulgaria)

LATVIA 9290 *Latvia Today*, via Ulbroka, 1345-1355, Su Dec 14, talk about Latvia in English and rock music. I understand this transmitter will be closed down at yearend, so glad I had a chance to hear it this well. (Hauser-OK/DSWCI DX-Window/Petersen-DK)

MADAGASCAR XNLS says that they soon will be broadcasting an additional 30-35 hours from their new station in Madagascar in at least three additional languages: Arabic, Spanish and Portuguese. The construction in Madagascar is on schedule. (November NASB Newsletter direct and via DXLD) The transmitter building will contain three 100 kilowatt transmitters. The antenna towers are up and the wire will begin to be stretched in January 2009. (World Christian Broadcasting November bulletin/via WDXC-UK Dec Contact Dec 2/ Worldwide DX Club's DX Magazine/Eibl-DE)

MEXICO 6104.81, *XEQM Candela FM*, Merida, 1455-1500, Dec 10, back with strong signal, but distorted. (Wilkner). Also heard at 2030 with typical tropical music, IDs and commentaries in a Mayan language and a few words and ann in Spanish. Appeared to be a relay of XEMQ Merida 810 MW. Best reception since XEQM has been paralleling XEMQ. Also heard excellent at 0300-0400, for first time heard signal of XENK-620 over XEQM, "Radio 6-20," in Mexico City. Schedule is: 1100-0100 XEQM carries "Yeol lik" in a Mayan language, and at 0100-0500 the programming of XENK. (Santiago in Conexion Digital/DSWCI DX-Window)

PERU 5059.2, *La Voz de las Huarinjas*, Huancabamba, 1140-1200, Dec 14, folkmusic, to give time: "...seis, seis de la mañana con 42 minutos La Voz de las Huarinjas les acompaña con la programación de la mañana...", poor, bad modulation. (Rodriguez/DSWCI DX-Window)

6195.8, *Radio Cusco*, Cusco, 2204-2310, Dec 13, Reactivated, not heard by me since Aug 2007 when it was on 6193.4. Featuring a long program from Iglesia Dios es Amor without announcements or ads. During the program a feature called "Mensajes Cantados" with sung praises. At 2308 a short ID like "...Radio Cusco..." , then continued

with another evangelical program called "La Voz de la Profecía." Also heard at 1100, Dec 14, again introducing Iglesia Dios es Amor. (Rodriguez/DSWCI DX-Window)

PHILIPPINES Revised *Radyo Pilipinas* B08 schedule for Asia:

0200-0300 11880 15285 17710
 0300-0330 11880 15285 17710

(Ricardo G. Lorenzo via Van Horn, Dec 10/ DSWCI DX-Window)

PORTUGAL B-08 schedule of *RDP Internacional/Radio Portugal*, all in Portuguese:

0000-0300 9455 LIS 9855 LIS 11655 LIS Tu-Sa
 0600-0700 7130 LIS Mo-Fr
 0700-0745 9815 LIS Mo-Fr
 0745-0900 9815 LIS 11660 SIN Mo-Fr
 0800-0930 12020 LIS 15555 LIS 17590 LIS Sa/Su
 0900-1100 9815 LIS Mo-Fr
 0930-1100 9815 SIN 12020 LIS 15555 LIS 17590 LIS Sa/Su
 1100-1200 12020 LIS 17590 LIS 21655 LIS Sa/Su
 1100-1300 9815 LIS 17745 LIS 21655 LIS Mo-Fr
 1200-1300 11885 LIS 17590 LIS 21655 LIS Sa/Su
 1300-1500 11885 LIS 15560 LIS 17590 LIS 21655 LIS Sa/Su
 1400-1600 15690 LIS Mo-Fr
 1500-1700 11635 LIS 15520 LIS 15560 LIS 21655 LIS Sa/Su
 1700-1900 9455 LIS 13720 LIS 15465 LIS 17825 LIS Sa/Su
 1700-2000 9455 LIS 13720 LIS 15465 LIS Mo-Fr
 1900-2100 9455 LIS 12040 LIS 13720 LIS 15465 LIS Sa/Su

(DX Mix - Bulgaria)

ROMANIA Frequency changes of *Radio Romania International*:

0630-0656 English NF 15560 GAL, ex 15135
 1100-1156 NF 11970 GAL, ex 17845 // 15150 15255 17790
 1200-1256 NF 11970 TIG, ex 11940 // 9690
 1300-1356 NF 11970 TIG, ex 17745 // 15105
 2030-2056 Serbian NF 6155 TIG, ex 5970

(DX Mix - Bulgaria)

SERBIA Winter B-08 schedule of *International Radio Serbia*:

0030-0058 Serbian 6190 BIJ Mo-Sa
 0030-0128 Serbian 6190 BIJ Su

0100-0128	English	6190 BIJ Mo-Sa
0200-0228	English	6190 BIJ
1100-1358	Serbian	7200 BEO
1400-1428	English	7200 BEO
1430-1458	Serbian	7200 BEO
1500-1528	Spanish	7200 BEO
1530-1558	Arabic	7200 BEO
1600-1628	Russian	7200 BEO
1630-1658	French	7200 BEO
1700-1728	German	7200 BEO
1730-1743	Chinese	7200 BEO
1745-1758	Albanian	7200 BEO
1800-1813	Hungarian	7200 BEO
1815-1828	Greek	7200 BEO
1830-1858	Italian	7200 BEO
1900-1928	Russian	7200 BEO
1900-1928	Russian	6100 BIJ
1930-1958	English	6100 BIJ
1930-1958	English	7200 BEO
2000-2028	Spanish	6100 BIJ
2000-2028	Spanish	7200 BEO
2030-2058	Serbian	7200 BEO Su-Fr
2030-2058	Serbian	6100 BIJ Su-Fr
2030-2128	Serbian	7200 BEO Sa
2030-2128	Serbian	6100 BIJ Sa
2100-2128	German	6100 BIJ Su-Fr
2100-2128	German	7200 BEO Su-Fr
2130-2158	French	6100 BIJ
2130-2158	French	7200 BEO
2200-2228	English	6100 BIJ
2200-2228	English	7200 BEO

(DX Mix - Bulgaria)

SOLOMON ISLANDS "Hi, Our short waves have been down for few weeks now. One should be back and I think you can get it on 9545. The other, 5020 should be back this week. Cheers, Walter Nalangu **SIBC Honiara**" (via Alf Aardal, Norway/Hard Core DX) [noted on 9541.51 from around 0630 by Walt Salmaniw, Victoria, BC; it appear that as of this writing (12-26) 5020 has not yet been heard]

UNITED KINGDOM Frequency change & additional transmissions of **BBC** in DRM:

0500-0600	NF 3995 SIN, ex 6195 KVI
0600-0700	NF 3995 SKN, ex 6195 KVI
0700-0800	6195 KVI, cancelled
1500-1700	NF 5790 WOF, new additional transmission
1600-1800	NF 3995 SKN, new additional transmission
2100-2200	NF 3995 SKN, new additional transmission
2200-2300	NF 3995 SIN, new additional transmission

New additional unregistered frequency of BBC WS in English:

1500-1600	9855 UNID tx
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(DX Mix - Bulgaria)

Some frequency changes of VT Communications Relays:

Star Radio/Cotton Tree News:

0700-0800	En/Fr/local NF 11875 ASC, ex 9525
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Winter B-08 of **FEBA Radio:**

0015-0030	Bangla	7370 TAC
0030-0045	Various	7370 TAC (5885 ERV?) Mo/Tu
0030-0045	Bangla	7370 TAC (5885 ERV?) Th-Sa
0030-0045	Hindi	7370 TAC (5885 ERV?) Su/We
0030-0100	Tamil	5885 ERV
0045-0100	Hindi	7370 TAC (5885 ERV?)
0130-0200	Telugu	6140 DHA Su/Th/Fr
0145-0200	Various	6140 DHA Mo/Tu/We/Sa
0200-0230	Urdu	7120 DHA Mo-Sa
0200-0230	Pashto	6125 DHA
0200-0300	Urdu	7120 DHA Su
0230-0300	Various	7120 DHA Mo-Sa
0230-0300	Dari	6125 DHA
0800-0830	Arabic	15220 MOS
1200-1230	Tibetan	15215 DHA
1400-1415	Malayalam	12045 DHA Mo-Sa
1400-1430	English	12045 DHA Su
1400-1445	Urdu	7150 NVS
1415-1430	Various	12045 DHA Mo-Sa
1430-1445	Urdu	12045 DHA
1430-1500	Pashto	7250 ARM
1430-1500	Hindi	7370 TAC
1445-1500	Various	7150 NVS
1445-1500	Kashmiri	12045 DHA We-Sa
1445-1500	Various	12045 DHA Su-Tu
1500-1530	Dari	7250 ARM
1500-1530	Bangla	7370 TAC
1530-1545	Hazaragi	7250 ARM
1545-1600	Amharic	12125 MEY
1545-1600	Various	7250 ARM
1600-1630	Guragena	12125 MEY Mo-We
1600-1630	Afar	11875 KIG
1600-1630	Amharic	12125 MEY Th-Su
1630-1700	Amharic	12125 MEY
1630-1700	Tigrinya	9850 DHA Su-We
1630-1700	Amharic	9850 DHA Th-Sa
1700-1730	Orominya	6180 DHA
1700-1730	Somali	11655 KIG
1730-1800	Tigrinya	11655 KIG
1830-1900	French	7160 MEY
1900-1930	Arabic	7235 WER
1900-2030	Arabic	9550 KIG
2145-2215	Hassinya	11985 ASC Th/Fr

ARM=Armavir, Russia

ASC=Ascension Island

DHA=Al-Dhabayya, UAE

ERV=Yerevan, Armenia

KIG=Kigali, Rwanda

MEY=Meyerton, RSA

MOS=Moosbrunn, Austria

NVS=Novosibirsk, Russia

TAC=Tashkent, Uzbekistan	0800-0900	Mandarin	9845 11665 11855
WER=Wertachtal, Germany			11965 13650 13765
(DX Mix - Bulgaria & Sakthi Vel, India)			15515
UNITED STATES Winter B-08 for Voice of America:	0900-1030	Mandarin	9845 9855 11665
0000-0030 Burmese			11855 11965 13650
0000-0030 Indonesian			13765 15515
0000-0100 Tibetan	1000-1030	Portuguese	17740 21590 Sa/Su
0000-0100 Spanish			
0000-0200 Mandarin	1030-1100	Mandarin	9845 9855 11665
			11700 11965 13650
			13765 15515
0030-0100 English-6	1100-1200	Mandarin	6160 9530 9805
			11665 12040 15515
	1130-1230	Burmese	11965 15550 17850
0030-0130 Pashto			
	1130-1230	Indonesian	7255 9725 15165
0100-0200 English-5	1145-1200	Turkish	9555 15205 Mo-Fr
0100-0200 Urdu	1200-1300	English-5	9345 9640 11705
			11730 15190
0130-0200 English-6	1200-1300	Mandarin	6040 6160 9530
0130-0200 Bangla			9680 11920 12040
0130-0230 Dari			
	1200-1500	Korean	5890 7235 9555
	1230-1300	Creole	11890 15390 Mo-Fr
0130-0300 Burmese			
	1230-1300	Spanish	9885 13715 15590
			Mo-Fr
0200-0300 Mandarin	1230-1300	Lao	9835 11930
0230-0330 Persian	1300-1330	Vietnamese	9325 11695
0300-0330 Arabic	1300-1400	English-5	9345 9640 9760
			11705
0300-0330 Swahili	1300-1400	Kurdish	11805 15530 17750
0300-0400 English-2			
	1300-1400	Somali	13580 15620
0300-0400 Tibetan	1300-1400	Mandarin	6040 6160 7295
			9680 11920 11995
0330-0430 Kinyarwanda			12040
0400-0430 English-2	1300-1400	Spanish	9885 13715 15590
0400-0600 Tibetan	1300-1500	Pashto	7455 7495 9370
0430-0500 Turkish			9565 Deewa
0430-0500 English-2	1300-1500	Cantonese	7390 9705
0500-0530 Hausa	1330-1430	Khmer	9325 11965
0500-0600 English-2	1400-1500	English-5	7125 9760 11885
			12150
0500-0600 Kurdish	1400-1500	Urdu	7440 9390
0530-0600 French	1400-1500	Mandarin	6040 6105 7295
			7525 9680 9825
0530-0600 Croatian	1400-1500	English-2	4930 6080 15580
0600-0630 French			
	1400-1500	Tibetan	7255 9670 12105
0600-0630 Albanian	1400-1500	Indonesian	11185 13605 Th-Sa
0600-0700 English-2	1400-1500	Kurdish	11805 13740 15530
0700-0730 Hausa	1400-1500	English-1	9480 15205
	1430-1500	Burmese	9325 11965 12120
0700-0800 Mandarin	1430-1530	Pashto	9335 11840 12140
			Radio Ashna
	1500-1530	Burmese	9325 11965 12120
			Sa/Su

1500-1530	Uzbek	6105 9530 11550 11695	1800-1830	Dari	7595 9335 9445 Radio Ashna
1500-1530	Hausa	7155 9450 11705	1800-1900	Amharic	9320 9485 9860 11675 11905
1500-1600	English-2	4930 6080 15580 17715 17895	1830-1900	English-2	4930 6080 11975 13710 15580 17895
1500-1600	English-5	7125 9590 11525 12150 13735	1830-1900	French	9815 15225 17580
1500-1600	Vietnamese	5955 9485 9725	1830-1900	Azerbaijani	9625 9805 12025
1500-1600	English-6	6140 7520 9760 15460	1830-1900	Persian	5850 9680 9960
1500-1600	English-1	9685 11765	1830-1930	Pashto	5750 7595 Radio Ashna
1500-1900	Pashto	5835 7455 7495 9370 Deewa	1900-1930	Arabic	5880 9380 Hello Darfur
1530-1600	Burmese	9355 11560	1900-1930	Persian	5850 9680 9960
1530-1600	Georgian	9465 11790	1900-1930	Tigrigna	9320 9485 9860 11675 11905 Mo-Fr
1530-1630	Dari	9335 9770 11575 Radio Ashna	1900-2000	English-2	4930 4940 6080 11975 13710 15580 17895
1530-1630	Persian	9320 11705 11775	1900-2000	French	15225 17580
1600-1630	Burmese	9355 11560	1900-2000	English-6	9785 12020
1600-1630	Somali	3580 15620	1900-2100	Korean	6060 7135 7360
1600-1630	Kirundi	11750 12010 17785 Sa	1930-1945	Croatian	6135 7465
1600-1630	Georgian	11525 11885	1930-2000	Albanian	7455
1600-1700	Tibetan	7280 7560 11920	1930-2000	Turkish	7235 9490 Mo-Fr
1600-1700	Bangla	7435 11500	1930-2030	Persian	5860 9680 9925
1600-1700	English-2	4930 6080 15580 17715 17895	1930-2030	Dari	5750 7595 Radio Ashna
1600-1700	English-6	9345 13600 15445	2000-2030	English-2	4930 4940 6080 11975 13710
1630-1730	Persian	5850 9320 9540	2000-2030	French	9780 9815 12080 13735 15225
1630-1730	Swahili	9565 13870 15730	2030-2100	English-2	4930 6080 11975 13710
1630-1730	Pashto	9335 9770 11575 Radio Ashna	2030-2100	English-2	4940 Sa/Su
1630-1800	Somali	13580 15620	2030-2100	Hausa	4940 6040 9780 12080 15185 Mo-Fr
1700-1730	Albanian	7235	2030-2100	French	6040 9780 9815 12080 15225 Sa/Su
1700-1730	Shona	4930 12080 15775 Mo-Fr	2030-2130	English-4	7595
1700-1730	Portuguese	11775 15545 21495	2100-2115	Ukrainian	5895 9715
1700-1800	Kurdish	7550 9650 9815	2100-2130	French	9435 9680 9780 9815 Mo-Fr
1700-1800	English-2	17895 Sa/Su	2100-2200	English-2	6080 15580
1700-1800	Georgian	12025 12120	2115-2130	Ukrainian	5895 9715 Mo-Fr
1700-1800	English-2	6080 13710 15580	2130-0030	English-4	7405
1730-1800	Persian	5850 9495 9540	2200-2230	Khmer	6060 7260 13640
1730-1800	Dari	9335 9445 9770 Radio Ashna	2200-2230	Creole	11895 13725 15390
1730-1800	English-3	4930 12080 15775 Mo-Fr	2200-2300	English-5	5910 6105 7220 7425 7480 9490 11610
1730-1800	Af Oromoo	9320 9485 9860 11675 11905 Mo-Fr	2200-2300	Mandarin	6045 7440 9545 9755 9875 11655
1730-1800	Portuguese	9435 9805 11775 21495	2200-2400	Indonesian	9620 11805 15205
1730-1800	Creole	15390 17565	2230-2300	English-6	7230 9780 15445
1800-1830	English-2	4930 Sa/Su	2230-2330	Vietnamese	6060 13640
1800-1830	Persian	5850 9495 9540	2300-2330	English-6	6180 7460 11840
1800-1830	Portuguese	5825 9805 21495 Mo-Fr	2300-2400	Burmese	7430 9325 12120
1800-1830	Ndebele	4930 12080 15775 Mo-Fr	2300-2400	English-5	6105 7220 7265 7480 9490 11610
1800-1830	Arabic	4960 5880 9380 Hello Darfur	2330-2400	English-6	6180 7460 11655 11840 13640
1800-1830	English-2	6080 11975 13710 15580 17895			

English-1 to Europe, MidEast & North Africa	1330-1430	Dari*	9335 12140
English-2 to Africa	1400-1500	Georgian	15120 15265
English-3 to Zimbabwe	1400-1500	Uzbek	9595 11715 12015
English-4 to Afghanistan	1400-1500	Turkmen	6055 9445
English-5 to Far East, South Asia & Oceania	1400-1500	Tajik	7595 9695
English-6 Special English	1400-1500	Russian	7225 9715 15130
(DX Mix - Bulgaria)	1400-1530	Persian**	11750 13680 15410
Winter B-08 of Radio Free Europe/Radio Liberty:	1500-1530	Turkmen	6055 9835
0200-0200 Persian**	1500-1600	Russian	7220 7270 11805 11870
0100-0200 Kazakh	1500-1700	Tajik	7260 9695
0100-0300 Tajik	1530-1600	Persian**	11750 11840 13680
0200-0230 Persian**	1530-1600	Turkmen	6055 9835
0200-0300 Turkmen	1600-1630	Tatar Bashkir	5895 7380
0200-0400 Uzbek	1600-1630	Moldovian	6120 Sa/Su
0230-0300 Persian**	1600-1700	Uzbek	6060 7550 9760
0230-0330 Pashto*	1600-1700	Avari	9725 11605
0300-0400 Turkmen	1600-1700	Russian	7220 7305 9520 11805
0300-0400 Tajik	1600-1700	Persian**	7520 7580 11840
0300-0400 Persian**	1600-1700	Cherkessi	9725 11605
0330-0430 Dari*	1600-1700	Chechen	9725 11605
0400-0420 Avari	1600-1800	Belorussian	9415 9865
0400-0500 Tatar Bashkir	1600-1800	Turkmen	5820 9625
0400-0500 Chechen	1700-1730	Moldovian	6135 Mo-Fr
0400-0500 Russian	1700-1730	Tatar Bashkir	5895 7380
0400-0500 Persian**	1700-1800	Russian	7220 7305 9520 9725
0400-0500 Cherkessi	1700-1800	Persian**	7520 7580 785
0400-0600 Belorussian	1800-1900	Georgian	9525 9620 9780
0430-0530 Pashto*	1800-1900	Persian**	7520 7580 9595
0500-0600 Persian**	1800-2000	Belorussian	6105 9865
0500-0600 Russian	1800-2000	Russian	6150 7220 7350 9650
0500-0600 Moldovian	1900-1930	Moldovian	6135 Mo-Fr
0500-0600 Georgian	1900-2000	Persian**	7580 9335 9570
0530-0630 Dari*	2000-2045	Georgian	9565 9590 9840 Mo-Fr
0600-0700 Tatar Bashkir	2000-2100	Tatar Bashkir	5895
0600-0700 Russian	2000-2100	Georgian	9565 9590 9840 Sa/Su
0600-0830 Persian**	2000-2100	Russian	6150 9520
0630-0730 Pashto*	2000-2130	Persian**	7485 7580 9335
0700-0800 Russian	2000-2200	Belorussian	7165 7220
0730-0830 Dari*	2100-2200	Russian	6105 7335 7425
0830-0930 Pashto*	* Radio Free Afghanistan ** Radio Farda (DX Mix - Bulgaria)		
0830-1230 Persian**	URUGUAY 6125, SODRE Montevideo, 1200, Dec 13, carrier here under heavy QRN at my location, with weak modulation. It relays Radio Uruguay on 1050 MW. So, this is active again and appears to be the only SW working from Uruguay. As I have been told, the plans to keep the SW outlets from SODRE continue. But improved results are still not evident. Nothing heard on 9620. (Nigro-URUGUAY in DXplorer/DSWCI DX- Window) 		
0900-1100 Russian			
0930-1030 Dari*			
1030-1130 Pashto*			
1130-1145 Georgian			
1130-1230 Dari*			
1230-1330 Pashto*			
1230-1400 Persian**			
1300-1400 Kazakh			
1300-1400 Russian			

Pirate Radio Report

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Happy New Year and welcome to the January 2009 edition of the *Pirate Radio Report!* There was a lot of pirate activity over the Christmas Holiday period, so we've got lots to report.

Euro Pirates For those of you living on the East Coast Of North America, don't forget to try for those Europirates. Best times, conditions permitting, are from 2100-0300 UTC local Saturdays and from 0700-0900 on Sunday AM. Frequency range from 6200-6400 kHz.

Channel Z, heard on 6925 AM mode, December 20th at 1628 UTC Xmas special, opened with the B-52's "Channel Z" [Rohde-OH] same show noted here at 1615 UTC on December 26th, closing with a Ramones Christmas tune. Maildrop: Box 109, Blue Ridge Summit, PA 17214. [Lobdell-MA]

Gospel for Antarctica, the station founded by Preston Nickles, was logged on 6925 AM mode, from 1722-past 1743, on December 21st. My first catch of this new pirate playing various rock tunes, "Lost In Space" sound clips. Maildrop: Box 146, Stoneham, MA 02180 [Rohde-OH]

NOEL, a Christmas themed pirate, was heard on 6950 AM mode at 1841 UTC on December 21st, playing Classic Christmas music ID: "you are listening to NOEL Radio all Christmas all the time" Good. [Rohde-OH]

Northwoods Radio, heard on 6925 USB from 1624 UTC on December 20th SIO=151. I heard little of this broadcast, but at a signal peak there was a clear ID and the loon call IS [Zeller-OH] Heard fairly well in MA featuring a comedy bit called "Fessenden's Follies", ID at close. [Lobdell-MA]

Sycko Radio 6925 USB, UNID (later identified as Scyko Radio via FRN website) noted at 2135, UTC on December 7th. Indistinct words to several traditional fiddle tunes sung—including "Old Dan Tucker"—with indistinct talk between. Modulation was poor enough that I only could make out

the tune from the singing and could not make out any words. Off at 2142. Poor [Taylor-WI]

Undercover Radio, logged on 6925 USB from *2227-0043* on December 14th-15th. Lengthy broadcast that actually appeared to be in two segments. At first there was rock music with no IDs. But, then after an ID at 2346 with their IS slogan of "don't let them know what they are doing," into a more typical Dr. Benway program with a discussion of psychology. Gave address of Undercoverradio@mail.com for reports. Modest level that sometimes faded out completely toward the end. [Zeller-OH]


WBNY-Radio Bunny noted on the 48-meter frequency of 6210 in USB, from 1402 to 1558 UTC on December 21st. Phone interview with Bozo, plus lots of Christmas stuff [Rohde-OH]

WEAK Radio 6950 USB at 1720 UTC on December 20th playing punk type rock with many IDs as "W.E.A.K. WEAK Radio" [Rohde-OH]

WEAM, heard on 6925 kHz at 1444 UTC, playing 70s rock music, Ads for Toyota. Fair signal on December 7th. No contact info given. [Fisher-MA]

WMR-We Monkey Radio. An apparent new pirate was heard on 6210 kHz at 2038 UTC on December 7th. Played song Bette Davis Eyes, talked about the short attention span of Monkeys. [Lobdell-MA]

Wolverine Radio noted on 6925 USB from 0246-0310 UTC on December 13th. ID at 0252 as "Wolverine Radio." Music from the 1970's thru the 1990's featuring the Hollies, The Police, Steely Dan, CCR and many others. Very good signal strength but lousy propagation. [Wood-TN]

Many thanks to the following fine contributors: John Fisher-MA, Mike Rhode-OH, Mark Taylor-WI, George Zeller-OH. Happy Pirate DX! 

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



ANGUILLA: Caribbean Beacon 6090 f/d cd. in 67 ds. for \$1.00. (Colton-FL).
CZECH REPUBLIC: Radio Prague 7345 f/d cd. in 12 ds. for \$1.00. I also received the ever so popular Radio Prague "sponge" - go figure. (Colton-FL)...I don't have a comeback. I am speechless..Sam.
ENGLAND: Deutsche Welle 6130 via Skelton cd. in 3 wks. w/ schedule and a list of transmitter sites.(Field-MI). 15640 via Rampisham cd. in 3 wks. w/ full schedule. (Field-MI).
ETHIOPIA: Radio Fana 6110 f/d cd. in 38 ds for \$1.00 and a local post card.(Colton-FL).
ISRAEL: Galei Zahal 6973 f/d cd. in 40 ds. for \$1.00. The v/s suggested that I try to receive their station on 15785. Addr: Galei-Zahal, Military PO 1005, Zahal, Israel. (Colton-FL).
MEXICO: XERTA Radio Transcontinental de America 4810 f/d ltr. from Lic. Ruben Castanedo Espindalo, Gerente general. I received two QSLs from this station

STATION NOTES: Radio La Hora 4857.5 v/s DXer Carlos Gamarra Moscoso, QSL Manager. Addr: Avenida Garcilaso 411, Distrito de Wanchaq, Cusco, Peru
Far East Broadcasting Company 9730 v/s Menchie Marcos. WEB: www.febc.ph/ Email: info@febc.org.ph
Haven Today (relay) 15325 v/s David Wollen, Assistant to the President. WEB: www.haventoday.org/ Addr: Haven Ministries, P.O. Box 79997, Riverside, CA 92513-1997 Email: ministry@haven.today.org
Atlantique 2000 International 6210 Email: atlantique2000international@googlemail.com
Antonio Radio 6305 Addr: Fuik 12, NL-8081 KD Elburg, Ned-erlands.... via PLAY DX

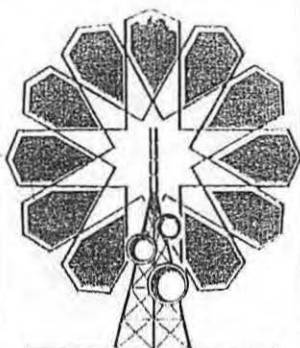


Confirming	DATE	UTC	FREQ	Transmitter	Antenna	Power
Riche rd D'Amela	7/1/07	0300	6925	mobile	whip	1700 w/ 78

without any f/up rpt. This is my 18th short-wave QSL from Mexico (Field-MI).
ROMANIA: Radio Romania International 6150 via Galbeni p/d cd. w/ a nice ltr. & a questionnaire in 42 ds. for an

الجمهورية العربية السورية

SYRIAN ARAB REPUBLIC



الجمهورية العربية السورية
الهيئة العامة للإذاعة والتلفزيون

S R T
SYRIAN RADIO & TELEVISION

IBRA Radio 9825 via **Samara** Email: info@ibra.se Addr: IBRA Radio, SE-141 99, Stockholm, Sweden WEB: www.ibra.se **IBRA Radio** 9830 via **Armavir** same as above. **Radio Television Malagasy** 5010 v/s Mrs. Rakotoma Soa Herimanitia, Secretary. Addr: Boite Postale 1202, Antananarivo 101, Malagasy Republic. **Radio La Hora** 4857 v/s DXer Carlos Gamarra Moscoso, QSL Manager. ...via PLAY DX...Sam.

Another rather short QSL Column this time around. Everyone was probably out shopping for the holidays.

Till Next month. Best of QSLing...Sam.

Sam

EG rpt. The cd. featured a very nice photo of a Siberian Iris. Addr: Str. General Bethelot nr. 60-64, RO 010171, Bucharest, Romania. (Wood-TN).

RWANDA: Deutsche Welle 11925 via **Kigali** cd. in 3 wks. w/ complete program schedule w/ sites. (Field-MI).

SLOVAKIA: Italian Radio Relay Service 5990 f/d cd. in 23 ds. for \$1.00. (Colton-FL).

SOUTH AFRICA: Radio Okapi 9635 f/d cd. in 40 ds. for \$1.00. (Colton-FL). **Southern Sudan Interior Radio** 15390 via **Meyerton** f/d ltr. in 21 ds. from SENTECH. (Paszkiwicz-WI).

USA: WRNO 7505 f/d cd. in 21 ds. for \$1.00. (Colton-FL). **WBOH** 5920 f/d cd. in 13 ds. for \$1.00. (Colton-FL). **WTJC** 9370 f/d cd. in 31 ds. for \$1.00. (Colton-FL). **Armed Forces Radio and Television Service** 5446.5 via **Key West** f/d cd. in 12 ds. for \$1.00 which was returned. (Colton-FL).

STATION NOTES: Radio Romania International 9755 and 11965 v/s Victoria, Secretary of the Spanish Service. Email: span@rri.ro

1991 LENINGRAD HAMVENTION ... BE THERE!

TO RADIO	DATE	UTC	RS	MHZ	2 WAY
RICHARD A.	MARCH 17	0930	QSL NO.	5.960 YEA	RCI SWL
D'ANGELO	1991		11	SACKVILLE	DIGEST

Register to attend the 1991 Hamvention in Leningrad, USSR, August 2 through 4. Group rates available. Offered exclusively by:



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QSL from **WINB** Red Lion, Pennsylvania USA

This is to confirm your reception of WINB:
20/01/2004 At 2340 UTC, Frequency 7320 kHz.

Remarks: _____

World Inter-National Broadcasters, INC.

By: *Fred W. Wise*



WINB broadcasts with a 50 kW transmitter into a Rhombic antenna system which can deliver greater than 1000 kW effective power in the main beam. Red Lion, Pennsylvania is located at approximately 40N, 76.5W.

Scoreboard

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

This month we are highlighting our members' totals from Asia. Ranking is based upon Asian Countries Verified. This is your chance to show everyone how well you are doing. The next deadline is February 15th for the March 2009 issue of the Journal. The spotlight will be on Europe.

Name, State	Total		Asia.		Best Asia QSL
	C/H	C/V	C/H	C/V	
Dan Henderson, MD	249	245	73	70	R. Voice of Justice
Jerry Berg, MA	244	244	70	70	Em. De Radiodifusao de Timor
Marlin Field, MI	245	245	69	69	RRI, Serui, Irian Jaya (500 w.)
Steven R. Lare, MI	239	223	71	65	Bhutan (10 Kw)
Harold Cones, VA	234	232	65	64	BBCS Bhutan
Rich D'Angelo, PA	225	223	63	61	R. Afghanistan
Sheryl Paszkiewicz, WI	222	218	64	59	Myanmar
George Maroti, NY	206	200	59	57	Bhutan
Chris Lobdell, MA	224	221	58	57	AIR - Port Blair
Ron Howard, CA	212	200	61	56	Azad Kashmir
Stephen Price, VA	193	174	59	54	Burma
Christos Rigas, IL	217	198	60	53	R. Bahrain
Paul Buer, FL	219	208	56	53	The Voice of Peace (400 w.)
Jim Evans, TN	210	201	55	50	R. Bangladesh
Stephen Leite, MA	209	192	48	48	Campuchea Peoples Republic
Allan R. Loudell, DE	192	167	53	46	Goa
Ross Comeau, MA	193	172	49	45	VO Meteorology
James R. Renfrew, NY	189	161	49	42	Cambodia
George L. Glotzbach, MN	154	136	46	38	V. of Mongolia
Mark Humenyk, ON	169	148	47	36	Kol Israel
Gary R. Neal, KS	137	127	38	36	Voice of Hope, Lebanon
Jerry Johnston, KY	209	141	56	33	AIR-Andaman Islands
Scott R. Barbour, NH	168	115	49	29	AFN Diego Garcia
Bill Smith, MA	150	138	32	29	Lebanon
Paul Brouillette, IL	148	121	32	27	BPM-China
Dan Srebnick, NJ	156	121	35	24	Pyongyang
Edward G. Stroh, IL	135	104	30	23	V. of Vietnam
Scott C. Newman, IN	148	113	33	22	V. of Mongolia
Richard Bradley, MA	145	130	23	21	Korea, Dem. Peoples Rep.
Jilly Dybka, TN	145	108	36	20	R. Pyongyang
Richard E. Lawrenson, RI	123	113	14	14	V. of Mongolia
Gary W. Froemming, AZ	184	44	49	7	BSF Time Station (Taiwan)
Don Jensen, WI	251	248			
Jerry Klinck, NY	220	202			
Dan Robinson, MD	230	196			
Bob Raymond, NH	175	150			
David Turnick, PA	144	129			
John Mosman, WI	120	120			
Ken McCartney, OH	124	73			
Jerry Ervine, TX	110	60			



Contributors' Page

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DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA	TenTec RX-340 AOR AR-7030 100' LW
Scott BARBOUR, Intervale, NH	R8, R-75, MLB-1, 200' Beverage
Bruce BARKER, Broomall, PA	NRD-535D, Alpha Delta Sloper
Rick BARTON, Phoenix, AZ	Drake R8, HQ140x, random longwires
Paul BROUILLETTE, Geneva, IL	Drake R8, ICF2010, 60' long wire
Rich D'ANGELO, Wyomissing, PA	TenTec R340, Lowe HF-150, DX Sloper
Gerry DEXTER, Lake Geneva, WI	NRD-515, NRD-545, etón E1
Jerry ERVINE, Hidalgo, TX	R-75, R2000, 2010, whip & 5 band Vert, wire
Jim EVANS, Germantown, TN	RX340, Drake R8B, 30 m wire
Marlin FIELD, Hillsdale, MI	NRD545, long wire
Bob FRASER, Belfast, ME	Sony ICF-2003 ICF-SW100s 2m LW
Jay GOLDEN, Rochester, NY	R7A, 35' lw
Glenn HAUSER, Enid, OK	FRG-7, DX-398, SW-07, ATS-909, YB400 lw
Ron HOWARD, Monterey, CA	NRD545, LW 160', etón E5
Don JENSEN, Kenosha, WI	NRD-545, E1x, Alpha Delta Ultra
Stephen LEITE, Fall River, MA	no equipment listed
Chris LOBDELL, Salem, MA	etón E1-XM, 75' random wire
William McGUIRE, Cheverly, MD	DX-380
Andy OOMS, Pine, AZ	Drake R8, MFJ 1020c
Richard PARKER, Pennsburg, PA	Collins 51S-1, 51-X, R390A, SE3, ant. farm
Mike ROHDE, Columbus, OH	Ten-Tec RX-340, Wellbrook ALA
Jim RONDA, Tulsa, OK	NRD-545, R75, etón E1, Eavesdropper
Mark SCHIEFELBEIN, Springfield, MO	Kenwood R-5000, Wellbrook 330S loop
Giovanni SERRA, Rome, ITALY	NRD-525 AD Sloper
Jerry STRAWMAN, Des Moines, IA	Perseus, R-8, 313e, 60 mtr dipole, mini whip
Mark TAYLOR, Madison, WI	R-75, Sat 800, EWE, Eavesdropper
Joe WOOD, Gray, TN	DX-390, Grundig Mini 100 PE, whip antenna 

WORLD OF RADIO SHORTWAVE SCHEDULE EFFECTIVE DECEMBER 27, 2008

Days and times here are strictly UT.

Wed 0630 WRMI 9955 [sometimes last airing, not first]
Wed 1230 WRMI 9955
Wed 2200 WBCQ 15420-CUSB [sometimes last airing, not first]
Thu 0630 WRMI 9955
Thu 1530 WRMI 9955
Fri 0030 WBCQ 7415
Fri 0200 WRMI 9955
Fri 0900 WRMI 9955
Fri 2030 IPAR 7290 IRRS/NEXUS/IBA, Slovakia
Fri 2129 WWCR1 15825
Sat 0000 WBCQ 5110-CUSB Area 51 [irregular]
Sat 0900 WRMI 9955
Sat 1730 WWCR3 12160
Sun 0330 WWCR3 5070
Sun 0730 WWCR1 3215
Sun 0900 WRMI 9955
Mon 2300 WBCQ 7415 [temporary]
Tue 1200 WRMI 9955
Tue 1630 WRMI 9955

Tropical Band Loggings

2000-5900 kHz

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

- 2310 **AUSTRALIA VL8A** Alice Springs 1125 Heard as //2325; not as strong; 11/23. (Barton-AZ) 1103-1120 Good audio; //2325; 12/12. (Wilkner-FL)
- 2325 **AUSTRALIA VL8T** Tennant Creek 1115 Some type of intrview prg to BoH & fanfare mx into "ABC" nx; 25453; 11/23. (Barton-AZ) 1317 Story about Tasmania; good on peaks; //2310-much weaker; //2485-somewhat weaker; 11/23. (Strawman-IA) 1110 Strongest of the three NT stns at 1110; 12/10. (Wilkner-FL) 1404 Pop mx prg; weak sig slightly better than //2310; no sig heard on //2485; not even het; 12/14. (Strawman-IA)
- 2379.86 **BRAZIL R. Educadora** Limeira 0900 Weak but steady sig; 11/29. (Wilkner-FL)
- 2485 **AUSTRALIA VL8K** Katherine 1236-1255 ABC nx w/ W anc in EE; wx for Alice Springs & Darwin at 1239 followed by prg from 105.7 ABC Darwin.; fair & steady but //2325 VL8T-Tennant Creek was quite poor w/ pop vcl selexts until 1200; ABC ID & nx in EE followed by features; next day all three (2310 Alice Springs) noted // w/ mx around 1220; 11/24. (D'Angelo/FCDX-PA) 1050 Strongest of the three NT stns; 12/8. (Wilkner-FL)
- 2730h **USA WSBA** York-PA 1100-1115 3rd harmonic of 910; located about 25 miles from my location; FOX nx at 1100; lcl York County nx; News Radio 910 WSBA IDs; traffic & wx rpts; weak in noisy condxs & audio somewhat distorted; no distortion on fundamental 910; 2nd harmonic not heard; 12/5. (Alexander-PA)
- 2849.95 **NORTH KOREA KCBS** Pyongyang 1407 Patriotic vcls in operatic style; v. weak; just above noise lvl; 12/14. (Strawman-IA) 2850 1206 M & W anc w/ KK talk under co-ch. data QRM; poor; 11/18. (Barbour-NH) 1312 Two ancrs alternating; fair; 11/23. (Taylor-WI) 1132-1216 Mix of KK lang mx & talk; poor at t/in but steadily improving to fair; //4450 was p-f; 11/25. (D'Angelo/FCDX-PA)
- 3105s **USA WWRB** Morrison 0345-0425 3105 leapfrogging spur of 3185; also 3225 leapfrogging spur of 3145; 40 kHz separation b/w each freq; spurs at v. weak to threshold lvls; 11/26. (Alexander-PA)
- 3200 **SWAZILAND TWR** Manzini 0305 Lcl mx & listed Ndebele dialect; fading by 0323; 11/21. (Strawman-IA) 03050326* M anc w/ relg talk in listed Ndebele followed by choir vcls & ID at close down; IS repeated several time before final ID by M in EE; good sig; 11/24. (D'Angelo/FCDX-PA)
- 3215 **USA WWCN** Nashville 0830-0840 Usual claptrap including phone conversation w/ 'Janice' about the US gov. making people undergo brain implants; 0838 launched into prerecorded speech by Congressman and one-time Pres. candidate Ron Paul in Houston; 11/26. (Barker-PA)
- 3220 **ECUADOR HCJB** Pifo 1046-1103 W anc preaching in Quichua lang followed by choral singing & more talks; time pips & ID at 1100 followed by more relg discussion; fair; 12/6. (D'Angelo-PA)
- 3230.58s **USA WWCN** Nashville 0555-0605 Weak spur of 3215; matching spur on 3199.42 at threshold lvl; +/- 15.58 kHz from 3215; 11/26. (Alexander-PA)
- 3235 **PNG R. West New Britain** Kimbe 1120-1140 W anc; some audio; best sig in a while; 12/12. (Wilkner-FL)
- 3240 **SWAZILAND TWR** Manzini 0325 Organ mx & possible sermon in listed Shona; fair w/ fading; 11/21. (Strawman-IA) 03050320 M anc w/ relg talk in listed Shona; good; 11/24. (D'Angelo/FCDX-PA)
- 3250 **HONDURAS R. Luz y Vida** San Luis 1110 SS only relg prgring; often SS/EE translation; 12/10. (Wilkner-FL)
- 3260 **PNG R. Madang** Madang 1148-1204* Ballads & anc in Tok Pisin thru ToH; NBC at 1202 w/ EE ID; nx & wx; pulled the plug at 1204; poor; 11/18. (Barbour-NH)
- 3303U **CHINA Zhoushan Maritime Meteorological Radio** *1400-1412* IS (Kenny G instrumental mx-"Forever in Love"); W in CC w/ assume the maritime wx condxs; poor; QRN; after hearing them on Sept 29 & 30 I never heard them again until today; 12/5. (Howard-CA) [nice catch-ed.]
- 3320 **SOUTH AFRICA R. Sondergrense** Meyerton 0355-0401 ID & nx in Afrikaans at ToH w/ ments. of Zimbabwe. Poor; 11/28. (Wood-TN)
- 3325 **PNG R. Bougainville** 1120-1130 (P); Some audio; also noted 3315 & 3365 same time; 12/12. (Wilkner-FL) [WRTH list this PNG as R. Buka; Aoki lists R. North Solomons; DBS-10 says Bougainville. Take your pick-ed.]
- 3329.53 **PERU Ondas del Huallaga** Hunuco 0930 Noted early s/on w/ vcls & percussion; W w/ "atenciones" heard which seem rare in 2008; [date?-ed.] (Wilkner-FL) 1020-1100 Continues to provide a strong sig; much better than in past seasons; M & W ancrs; Feliz Navidad; Atenciones; mx

- absent during this period; 12/8. (Wilkner-FL) 3329.6 0233-0301* (P); Huaynos & traditional highlands sounds; a few SS ancmnts in b/w; apparent s/off ancmnt prior to s/off w/o anthem; weak; het; notched CHU but voice ancmnts caused some problems; overall the CHU carrier knocked down noise which helped; 11/18. (Jensen-WI)
- 3330 **CANADA CHU** Ottawa 1038-1048 After the usual time ancmnt was the following Beginning January 1st 2009 time signal transmissions on 7335 will be moved to 7850 kHz. Visit nrc.gc.ca/imns. However; that didnt seem to work but I did find the relevant info at http://imns.nrc.cnc.gc.ca/time_services/shortwave_broadcasts_e.html; exc. sig here but //7335 was p-f at best; 12/13. (D'Angelo-PA)
- 3335 **PNG R. East Sepik** Wewak 1245-1313* Tok Pisin/EE; EZL tunes to closing cments; NA & several minutes of OC at 1300; then the mx started back up again; (P) relay of the nat'l network; abruptly pulled the plug at 1313; f-p; 11/23. (Schieffelbein-MO) 1218-1244 M anc w/ long talk re various activities in PNG; TC; more features; mx from 1230; fair recep but beginning to fade by 1243; 11/24. (D'Angelo/FCDX-PA)
- 3340 **HONDURAS HRMI** Comayaguela 0250-0304 M w/ inspired EE preaching followed by phrase-by-phrase translation into SS; fair; 12/7. (Wood-TN) 0502-0507 M anc in SS; upbeat tunes followed by slow; sappy mx; sigs to 40dB+; good; [date?-ed.] (Parker-PA)
- 3350 **COSTA RICA REE** Carri de Pococ 0304 ID followed by promos w/ soft-spoken M & W anc; vg; 12/7. (Wood-TN)
- 3384.97 **PNG R. East New Britain** Rabual 1332 Pop mx prg; weak studio audio but S9 carrier; 11/23. (Strawman-IA) 3385 1145-1305 W anc hosting mx prg featuring island mx; country & western tunes; NBC nx at 1300 by W in EE; p-f improving to f-g; 11/24. (D'Angelo/FCDX-PA)
- 3396 **ZIMBABWE ZBC** Gweru 0120-0400 M anc in lcl lang w/ pop mx prg & later; lcl tribal vcls prg; p-f early but improving to good around 0330; 11/24. (D'Angelo/FCDX-PA) 0243-0405 African hi-life mx & songs; 0300 the usual canned ID in EE; back to hi-life mx & vern.; TC's ("18 past 5", "29 past 5", etc.); 0356 R. Zimbabwe ID & long choral anthem till ToH; drums & into prg of relig mx; f-p w/ QRN; v. enjoyable hi-life mx prg; nothing heard on 4828; seemed to be off the air; 11/30. (Howard-CA) 0120 (P); Afropop/hi-life mx; v. weak tho improved after BoH re-check; 12/3. (Barbour-NH) 0123-0134 (P); Hilife mx w/ M anc b/w selecx; no discernible ID at BoH; poor; 12/12. (Barbour-NH) 0336-0403 M anc w/ talk in lcl lang hosting a pop mx & lcl mx prg; ID followed by nx at 0400 w/ W anc; fair; 12/13. (D'Angelo-PA)
- 3905 **INDONESIA RRI** Merauke 1137 (very T); M anc w/ Indo talk & mx; slow fades & peaks w/ peaks being barely audible & troughs being little more than hets; the sig was definitely in AM & the presence of mx makes me believe it was not an ARO; 11/29. (Taylor-WI)
- 3905 **PNG R. New Ireland** Kavieng 1217-1233 W anc in Tok Pisin w/ a few EE phrases noted; up-beat island mx; (T) NBC in passing at 1222; f/out by BoH; f-p; 11/18. (Barbour-NH) 1125-1226 Nice prg of island mx; ID & EE talk at 1159 by W anc ment. NBC nx but more mx happened at 1200 instead of nx; p-f battling QRM from AROs but steadily strengthened to fair & QRM disappeared; 11/25. (D'Angelo/FCDX-PA)
- 3912 **SOUTH KOREA V. of the People** Kyonggi-do 1343 Fair at t/in w/ long talk by M in KK; song by W & chorus at 1352 & back to KK talk by W anc; beginning to fade by 1355 but still audible at 1400; 12/19. (Ronda-OK)
- 3925 **JAPAN R. Nikkei** Tokyo-Nagara 1348 M & W in extended discussion; reached S9 on peaks; 12/2. (Strawman-IA)
- 3985 **CROATIA Hrvatski Radio** Deanovec 0545-0550 Croatian talks; strapping 70dB sig; 10/30. (Parker-PA) 0258 Contemporary mx; 0300 "This is the Voice of Croatia with Croatia Today." EE prg start w/ headlines & nx items starting w/ Croatian political nx; fair; 12/13. (Taylor-WI)
- 3985 **UNIDENTIFIED** 0311-0322 Flute mx w/ vcls; QRM from VOX; poor; 12/8. (Wood-TN) [Deanovic, Croatia?-ed.]
- 4220 **CHINA Qinghai PBS** Xining 2326 Interesting pop mx that sounded like a fusion b/w CC & .S Asian tunes; then a long conversation b/w two people, in listed Tibetan, who sounded like they were both on the phone; first time heard here since last winter; listed as a seasonal freq only; poor; 11/20. (Schieffelbein-MO) [I enjoy DXing the CC seasonal regionals-ed.]
- 4319U **DIEGO GARCIA AFN** 2225-2230 In EE w/ NPR nx; 40dB sig; exc; 11/10. (Parker-PA) 2347-0003 Sunday morn political affairs prg until 2355 when a series of PSAs & prg promo ancmnts took place; nice ID at 2359 (You are listening to AFN) followed by nx at 0000; p-f w/ narrow filter necessary to avoid UTC QRM; 11/23. (D'Angelo/FCDX-PA) [UTC QRM?-ed.] 1405-1510 CBS Radio Network News; "You are listening to AFN"; Dr. Joy Browne call-in talk show; ID "American Forces Network"; 11/28. (Howard-CA) 1436-1449 Dr. Joy Browne call-in prg; Dept. of Defense sponsored ancmnt by McGruff the Crime Dog about the dangers of online chat rooms; "This is AFN"; 12/4. (Howard-CA) 2240 Mx & talk; RTTY QRM; weak; 12/8. (Dexter-WI) 00050035

- Nx; military PSAs; Sports talk prg w/ call-in; 0010 promos; fill mx; more call-ins re football; 00290031 caller talking about the Green Bay Packers!! brief promo at 0031 re vehicles; more football talk; acatch I've been trying to make for years; poor; 12/14. (Taylor-WI)
- 4330 **CHINA Xijiang PBS** Urumqi 0103-0133 (P); M & W anc in Russian-sounding lang; listed Kazakh; b/w musical selec'x's; weak but in the clear; 12/6. (Barbour-NH)
- 4440h **USA WSRG** Fair Bluff-NC 0330-0400 3rd harmonic of 1480; Country Oldies Show on Westwood One Network w/ country mx; lcl ad for Guitar Center.; lcl ads w/ many ments. of Fair Bluff, North Carolina; v. weak but f-g on peaks; 1480 kHz not heard; 12/14. (Alexander-PA)
- 4451.14 **BOLIVIA R. Santa Ana** Santa Ana de Yacuma 2245-2255 M en espanol; high band noise; 11/29. (Wilkner-FL)
- 4460 **CHINA CNR-1** Beijing 1218 M & W w/ CC talk then W vcl; nasty CODAR QRM; 11/27. (Dexter-WI) 2305-2310 M & W talk w/ (P) nx; heard only using USB w/ inter-audio filter to avoid v. strong het; static & slight QSB; fair; 12/5. (Serra-Italy) 1407 #572 txmitter site; better than usual; per Aoki this one is non-directional while 5030 is at 37 degrees; the latter almost always mixed w/ but atop Sarawak; fair; 12/16. (Hauser-OK) [have never had even a whiff of Sarawak here in NH-ed.]
- 4665 **UNIDENTIFIED** 2005-2041 Two men in (P) SS w/ talk for (P) live sport (soccer?); not sure if one stn or two co-ch b/casts here; heard in LSB w/ fast QSB & strong static; from 2031 increasing audio at times; v. poor w/ NIR12; first time heard on this freq: Oct. 26 2115-2131 w/ two M talking; barely audible for few minutes on Nov. 22 at about same time, then f/out; any idea?; 11/16. (Serra-Italy)
- 4500 **CHINA Xijiang PBS** Urumqi 0134-0202 (P); M & W anc w/ talk in listed Mongolian & listener phone-calls b/w musical selec'x's; sounded like a mx request prg; (P) ID at 0200; right back to mx; p-f; 12/6. (Barbour-NH) 0327-0330* M w/ (P) Mongolian talk; brief mx pause at 0329; brief note tune then s/off at 0330 as sked on PWBR 2009; best heard in LSB w/ rustle; fair w/ NIR12; 12/8.(Serra-Italy)
- 4699.3 **BOLIVIA R. San Miguel** Riberalta 2240-2245 M & W talks; guitar mx bridges; in the clear w/ 20dB sig; f-g; 11/10. (Parker-PA) 4699.31 0845-0910 Long discussion into promos for upcoming events; telephone numbers repeated; 11/27. (Wilkner-FL) 4699.4 0140-0212 W anc w/ SS talk; ID & TC; hosting prg of rustic vcls; poor; 11/25. (D'Angelo/FCDX-PA)
- 4716.67 **BOLIVIA R. Yura** Yura 0920 W anc w/ ID; exotic flutes w/ yipping; 0925 W w/ ID; 11/29. (Wilkner-FL) 4716.7 0057-0105 W anc in SS; slow songs w/ M vcl; weak but in the clear; f-g; 11/21. (Parker-PA)
- 4746.9 **PERU R. Haunta 2000** Huanta 2337-2349 M anc w/ SS talk; ID alternating w/ instrumental mx; OA vcls at 2345; p-f w/ some CODAR QRM; 11/23. (D'Angelo/FCDX-PA) 4746.98 0008 Mx & SS cmnt just above noise; CODAR sweeps reached S9; 12/9. (Strawman-IA) 4747 2333 M & W talk & occ. mx; poor but growing; ("Tuned by Taylor"); [??-ed.] 11/22. (Dexter-WI) 2331 W talk & vcl in SS; [date?-ed.] (Dexter-WI)
- 4749.97 **INDONESIA RRI** Makassar 1335 Best sig on the band; pop mx prg was S9 on peaks; 11/23. (Strawman-IA) 4750 1135-1203 Mx prg until SCI; RRI ID & Jakarta nx at 1200; poor w/ CODAR QRM; 11/25. (D'Angelo/FCDX-PA) 1409 Glad to hear at least two of the RRI on 60m; 4750 Makassar & 4790 Fak Fak w/ talk & mx respectively; both bothered by CODAR & both registering about S9+15 tho 4790 sounded a bit louder; a few minutes later both w/ mx but not //; No other Indos detected on 60m; re-check at 1440; 4750 & 4790 still audible but weaker; sunrises are already getting earlier; tho sunsets are still getting later; to gang up at the Winter Solstice for the shortest day overall; 12/14. (Hauser-OK) 1358 RRI txmitters come and go; & you never know which ones will be on the air from one day to the next; assuming propagation is cooperating; unlike two days before; no sign of Fak Fak-4790; but Makassar was in well on 4750; talk in Indo; still fair at 1433 w mx; 1440 W & M DJs on phone w/ someone; always CODAR QRM; 12/16. (Hauser-OK) 1338 M & W talking in Indo; poor; 12/19. (Ronda-OK)
- 4750 **CHINA CNR-1** Hailar 2331-2340 Two co-ch. stn's here; both in CC; the strongest one heard on 4749.99 w/ M & W talk; ancment (ment. Tung quo); some mx breaks; barely audible up-down the other CC stn on 4750 kHz; no idea which is from Hailar or Xining [PBS Qinghai-ed.]; best heard in LSB w/ slight QSB & rustle; 12/5. (Serra-Italy)
- 4754.9 **BRAZIL R. Imaculada Conceição** Campo Grande 2348-0001 (P); M & W anc in PP; mx fills; long talks; not too intelligible but definitely PP; no ID heard; but I believe there is only one Brazilian active here now; 11/11. (Brouillette-IL) 0116-0130 M anc in PP & very cheerful mx; similar to Christmas carols; strapping 70dB sig; 11/21. (Parker-PA) 4754.93 0308 SS ballads under CODAR; poor sig which is better than usual; 11/20. (Strawman-IA)
- 4760 **ANDAMAN & NICOBAR ISLANDS AIR Port Blair** 1509-153 SC music & songs; 1530 "The news at nine" in EE; //4775, 4880, 4940, 4970 & 5040; 11/18. (Howard-CA)

- 4765.02 **TAJIKISTAN Tajik Radio** Yangiyul 1510-1518 (T); Sounded similar to RR; poor recep; 11/21. (Howard-CA) 4765.07 0221-0232 Lcl chants alternating w/ W & M talk; best heard in USB w/ rustle & static; QSB; fair; 11/15. (Serra-Italy)
- 4769.96 **NIGERIA R. Nigeria** Kaduna 2258-2301* M in EE w/ ment. Nigeria; final ancmnt; anthem at 2300 then s/off one minute later; best heard in USB w/ moderate static & QSB; p-f; 11/29. (Serra-Italy) 4770 2252-2258 M ancr in vern. & Abba's 'Dancing Queen'; 70dB sig; exc; 11/10. (Parker-PA) 2257-2300* M ancr w/ closing ID The English Service of Radio Nigeria & s/off ancmnts & orchestra NA; fair w/ some CODAR QRM; 11/23. (D'Angelo/FCDX-PA) 0604 Unaccompanied African choral mx; fair w/ CODAR; 12/12. (Ronda-OK)
- 4775 **PERU R. Tarma** Tarma 2302-2316 M ancr w/ SS talk & ID followed by instrumental mx; poor w/ significant CODAR QRM; 11/23. (D'Angelo/FCDX-PA) 0133-0139 W ancr in SS w/ reverb; just above the noise lvl; poor; 11/21. (Parker-PA) 0347-0353 M & W in SS; (P) TWR Swaziland barely audible underneath; 40dB sig; exc. 11/25. (Parker-PA)
- 4775 **SWAZILAND TWR** Manzini 0346 M ancr speaking in Lomwe [listed]; poor; 11/24. (Ronda-OK)
- 4780 **DJIBOUTI RTD** Atta *0258-0332 OC followed by opening ancmnts before beginning of Qur'an recitation; some group singing; tribal vcls & AA talk prior to another ID & nx at 0331; p-f; 11/17. (D'Angelo-PA) 0320-0330 M ancr w/ AA talk; heavy QRN & sweeper QRM; best in USB; poor; 11/28. (Wood-TN) 2055-2102* Lcl HoA style mx; AA ancmnts; s/off w/ NA; weak; poor w/ strong CODAR QRM; 11/29. (Alexander-PA) 4780.03 0345 Best recep ever reaching good sig lvl despite CODAR; lcl dialect heard; mx very much like that heard on R. Zanzibar; ancmnts at 0400:12 by low-pitched M; studio audio low compared to mx; faded down by 0415; 11/23. (Strawman-IA) *0316-0325 Abrupt; late s/on w/ AA talk; HoA mx at 0325; s/on usually at 0300; p-f w/ CODAR QRM; 12/5. (Alexander-PA) 0329-0335 ME mx w/ drums & vcls; into nx at BoH; sweeper QRM; poor; 12/7. (Wood-TN) 0346-0354 M w/ relg sing-song;(Allaaaaaaah..); heard in LSB w/ rustle & moderate QSB; almost fair w/ NIR12; 12/8. (Serra-Italy) 0432 Lcl vcls; v. good except for the usual CODAR; no sign of Chad-4905 at 0430; 12/11. (Dexter-WI) 2045-2102 AA talk & lcl mx; s/off w/ NA but strong CODAR QRM; 12/11. (Alexander-PA)*0300-0345 S/on w/ NA; Qur'an at 0301; AA talk at 0315; HoA mx at 0344; weak; poor w/ strong CODAR QRM; 12/13. (Alexander-PA) 2045-2107* Lcl & Europop mx; AA talk; s/off w/ NA; poor w/ strong CODAR QRM; 12/18. (Alexander-PA)
- 4781.5 **BOLIVIA R. Tacana** Tumupasa 2301-2307 In SS w/ disco-type mx followed by M & W talks; 35dB sig; rising to near exc. for brief periods; 11/10. (Parker-PA)
- 4790 **INDONESIA RRI** Fak Fak 1416 RRI regionals active on both 4750 & 4790 w/ similar soft mx; but not // & 1417 came an ancmnt on 4790 Fak Fak; 11/17. (Hauser-OK) 1332 Pop mx prg mixing w/ moderate CODAR; f-g; 11/23. (Strawman-IA) 4790.05 1358 (P); Pop mx to 1359:40 when ancmnt by low-pitched M; (P) ID at 1400:05; followed by Jakarta nx by W; decent sig but CODAR QRM; 12/14. (Strawman-IA)
- 4790 **PERU R. Atlantida** Iquitos 2308-2345 Spectacular prg of musica del campo; M ancr in SS w/ clear 'R. Atlantida' ID at 2320; unlike note in DBS-10 audio was outstanding; the huaynos completely filled the room & were an absolute joy to listen to; in the clear w/ an exc. 40-60dB sig; 11/10. (Parker-PA)[irr., great catch!-ed.]
- 4790 **PERU R. Vision** Chiclayos 0502-0505 Usual SS preacher addressing crowd over distorted PA system; 50dB sig & overcoming CODAR; 10/30. (Parker-PA) 4790.03 0457-0512 M ancr w/ talk; brief mx break; M & W loudspeaker talk; mx breaks & chants; ancmnt then more M & W out-speaker talk; best heard in SSB w/ strong CODAR; static & rustle; almost fair w/ NIR12; 11/27. (Serra-Italy) 4790.05 0257 M w/ low key talk; traditional Andean mx w/ ID over intro; fair; 11/30. (Taylor-WI) 0432 Exceptionally good w/ apparent SS preacher; 12/10. (Dexter-WI)
- 4790.1 **UNIDENTIFIED** 2320-0035 Older LA romantic vcls; long talks by M in SS in echoey studio; later more lively mx w/ M ancr w/ lots of reverb; (P) Peru? 11/25. (Brouillette-IL) Heard again w/ better sig; feel quite sure it's R. Vision but no ID heard; 11/30. (Brouillette-IL)[chances are good-ed.]
- 4799.7 **GUATEMALA R. Buenas Nuevas** San Sebastian 2245 ID freq & location; still suffering from co-ch. 4800 Mexico; [date?-ed.] (Wilkner-FL) 1245 IDs as Mexico f/out; 4780 GTM silent this week; 11/29. (Wilkner-FL) 4799.8 2333-2340 M w/ long talks in lcl Mayan dialect; nice lcl harp mx; 11/25. (Brouillette-IL)
- 4800 **CHINA CNR-1** Geermu 2346-2352 M & W w/ interview in CC ; mx pause; W & M ancr w/ some mx breaks; well known IDs (Tung quo...) & ancmnts over mx; best heard in LSB w/ QSB; fair; 12/5. (Serra-Italy)
- 4800 **GUATEMALA R. Buenas Nuevas** San Sebastian 1224 (P) Lots of fast SS talk; poor; 12/13. (Rohde-OH)

- 4800 **MEXICO XERTA** Mexico City 0545-0550 Ranchero-style pops; M ancr in SS singing along over the song; strong QSB but sig 70dB on peaks & overcoming CODAR; 10/31. (Parker-PA) 0446-0506 Long SS lang talk about Mexico w/ formal ID at 0450; more non-stop long talk by another M; fair w/ some CODAR QRM; 11/21. (D'Angelo-PA) 06550705 Mexican popular vcls; 0700 XERTA Radio Transcontinental de America & back to mx; fair; 12/7. (Taylor-WI) 0805-0810 Christmas mx w/ SS ID followed by nx; poor; 12/13. (Wood-TN) 0355-0432 Prg of continuous vcls w/ some Christmas tunes in the mix; formal ID by M ancr in SS at 0417; p-f w/ some CODAR & Guatemalan QRM; 12/20. (D'Angelo-PA)
- 4800 **UNIDENTIFIED** 0635-0657 SS talk w/ some mx; some of the mx might have sounded relg in nature; did not sound like a S. or C. American stn; poor; 11/22. (Rohde-OH) [possibly XERTA or R. Buenas Nuevas tho B.N. rptedly s/off earlier-ed.]
- 4805 **BRAZIL R. Difusora do Amazonas** Manaus 0950 PP mx; M w/ ID; 11/29. (Wilkner-FL)
- 4814.9 **ECUADOR R. El Buen Pastor** Saraguro 2350-2355 M w/ Quecha talk; amazingly their 30dB sig was cutting through the 70-80dB CODAR spikes very nicely in USB mode; 11/10. (Parker-PA)
- 4820 **TIBET Xizang PBS** Lhasa 2354-0001 M ancr; mx break; W & M ancments w/ (P) IDs; best heard in LSB w/ slight QSB & static; p-f; 12/5. (Serra-Italy)
- 4824.64 **PERU La Voz de la Selva** Iquitos 1100-1130 Flauta andina & M w/ one ID as "...La voz de la Selva..."; irr. sked; 12/7. (Wilkner-FL) 1000 Numerous IDs as "...La Voz de la Selva..."; 12/12. (Wilkner-FL) 4825 0435 M & W in SS; severe QRN & CODAR QRM; 12/10. (Dexter-WI)
- 4825 **BRAZIL R. Canção Nova** Cachoeira Paulista 0235-0240 M ancr taking telephone calls; 40dB sig; exc.; 11/22. (Parker-PA) 0423 Struggling through persistent CODAR w/ songs in PP; ID at 0429; poor; 12/2. (Ronda-OK)
- 4826.45 **PERU R. Sicuani** Sicuani 1030-1040 IDs & Andean mx; 11/29. (Wilkner-FL)
- 4828 **ZIMBABWE ZBC** Gweru 1847-1900 Non-stop Afropop; best heard in USB w/ QSB & static; p-f; 11/14. (Serra-Italy)
- 4830 **CHINA China Huayi BC** Chengdu 1551-1600* Call-in prg; answered calls w/ traditional greeting: "Ni Hao" (pronounced: Nee HaOW); 5+1 pips; fair; heard every day w/ decent sig; on from *1200; 12/4. (Howard-CA) [I haven't logged this stn in years-ed.]
- 4835.5 **MALI R. Mali** Bamako 2355-0110 (T) Deep voiced M ancr in vern. & tribal mx; v. weak but in the clear; 11/18. (Parker-PA)
- 4840 **INDIA AIR Mumbai** 0151-0201 Lcl chants alternating w/ M ancr; ancments over mx; fast QSB & static; p-f w/ NIR12; 11/22. (Serra-Italy) 0205-0220 Talk & Hindi vcls; weak but readable; 12/20. (Alexander-PA)
- 4845 **BRAZIL R. Cultural Onda Tropicis** Manaus 0120 M in PP w/ vcl mx; ID at 0130; more vcl Christmas mx; off at 0200; poor; 12/14. (Ervine-TN)
- 4845 **MAURITANIA R. Mauritanie** Nouakchott 0531-0535 AA Kor'an chanting; powerhouse 80dB sig totally scorching CODAR; 10/31. (Parker-PA) 21152147 Two M w/ FF talk; much fading; references to "Mauritanie" but no ID heard; nobody else on this band except Cuba-5025; 12/5. (Golden-NY) 2315-2410 Prg of talk; mx & drama w/ v. strong sig; one of the best sigs on 60m this afternoon; SINPO 43333; 12/5. (Evans-TN) 0003-0015 M w/ AA talk; sing-song & banter w/ pinched chord sound; QRM humming; (P) their txmitter; slight fast QSB & rustle; fair; 12/6. (Serra-Italy)
- 4860.01 **INDIA AIR Delhi** 0133-0151 M & W in vern.; mx break; W b/w mx breaks; Hindi chants; best heard in USB to avoid het; fast QSB; strong CODAR; QRN & slight static; poor w/ NIR12; 11/22. (Serra-Italy)
- 4865 **BRAZIL R. Alvorada** Londrina 0430 W w/ PP talk; fair; CODAR not as strong here; 12/8. (Dexter-WI)
- 4865 **BRAZIL UNIDENTIFIED** 2356-2416 Definitely Brazilian PP ancments & lite pop vcls; also some long talks by M ancr; I nearly always get a carrier here; but rarely any modulation; which of 3 possible Brazilians; I am not sure! v. weak; 12/2. (Brouillette-IL)
- 4870.73 **UNIDENTIFIED** 0357-0359* Flute mx; talk; s/off or possible f/outmat 0359; heard in LSB w/ strong rustle & brief ute QRM; v. poor w/ NIR12; 12/8. (Serra-Italy)
- 4885 **BRAZIL R. Clube do Para** Belem 0505-0515 PP pops; hi-life & slow mx; nice to hear them back to their rockcrushing autumn/winter sig lvls; 80dB; exc. 10/30. (Parker-PA) 0515-0615 The Belle of The Band this morning; full quieting & fidelity; 95-100dB sig w/ PP versions of late 60s folk & rock; Beatles; even a PP version of Moscow Nights (the old R. Moscow theme mx); great listening!; 11/7. (Parker-PA) 0402-0420 Mx prg 'Clube na Madrugada'; seems an automated overnight prg of varied Brazilian mx; ranging from salsa & cumbia styles to sertaneja & old romantic standards; frequent canned slogan ancments like 'Clube na madrugada Bom dia para voce!' (there are several different ones); good sig; punchy audio; 11/22 (Brouillette-IL) 0317 Ad string in PP; many ments. of Rio Branco; Acreana ID at 0318; back to vcls & more ads; fair; 12/1. (Ronda-OK) 0323 Nx w/ M ancr in PP ment. several LA countries; W w/ promos; fair;

- 12/13. (Wood-TN) 0556 Suffering from spatter via nearby beacon; [CODAR?-ed.] fair; 12/13. (Rohde-OH) 0442 M w/ID in PP; mx group vcl; QRM w/ CODAR; several IDs w/ QRM; (P) ALE sig; lots of enjoyable mx; good; 12/14 (Ervine-TN)
- 4895 **INDIA AIR Kuresong** *1129 Song of India IS; not much else usable under CODAR after that; mx at 1132; v. poor; 11/17. (Barbour-NH)
- 4895 **MONGOLIA Mongolian Radio** Murin 2252-2303 (P); Typical FE fine, classic mx; M ancment at 2300; mx breaks & ancments by W & M; (P) nx; best heard in LSB w/ static at times; moderate QSB; fair; 11/23. (Serra-Italy)
- 4904.97 **CHAD RNT** N'Djamena 2110-2231* FF talk; Afropops & hi-life mx; lcl drums; s/off w/ NA; good; no sign of them at 0430-0505 checks; 12/11. (Alexander-PA) 0440-0505 Afropop mx; FF talk; poor; Weak; stronger at 0530 check w/ lcl drums; 12/18. (Alexander-PA) 2215-2233* FF talk; Afropop mx & Europop/rap; s/off w/ NA; fair; 12/18. (Alexander-PA) 4905 0550 (P) Suffering from spatter via beacon; poor; 12/13. (Rohde-OH) 0613 (P); There was a weak sig w/ indistinct modulation; CODAR QRM; presumably Chad; 12/13. (Hauser-OK) 2153 F/in w/ FF talk at 2153; steadily improving after 2156 w/ talk; songs & drum mx; peaking to fair by 2200; 12/19. (Ronda-OK)
- 4905 **TIBET Xizang PBS** Lhasa 2138-2155 Lcl lyric songs w/ M brief ancments after each song; best heard in USB w/ static & moderate QSB; fair; //4920; 11/28. (Serra-Italy) 2340-2350 M w/ talk; short bridge of Oriental mx at 2342; moderate sig; peaking 2340-2345 then declining slowly; //4920 had slightly weaker sig bothered by heavy CODAR QRM; SINPO 33323; 12/5. (Evans-TN)
- 4914.96v **BRAZIL R. Difusora** Macapa 0245-0312 Slow romantic songs & M w/ PP ancments; freq; IDs; ment. "...musica madrugada, bom dia, bom dia...; chat by W & M; best heard in LSB w/ fast QSB; slight static & rustle; p-f; 11/15. (Serra-Italy) 4915 0406 PP talk segments; "Happy Birthday" song at 0409; more talk then back to mx at 0421; 11/22. (Dexter-WI) 0355-0402 M anc in PP; slow pops/EZL mx; Difusora jingle near ToH; in the clear w/ enormous 70dB sig; 11/25. (Parker-PA) 0335-0340 PP ID & ments. of Macapa; LA hip-hop mx; poor; 11/28. (Wood-TN) 0600 Same beacon spatter; fair; 12/13. (Rohde-OH) 0220 W in SS w/ vcl mx; CODAR QRM; plenty more mx; both vcl & instrumental; 0344 QRM; ID & group vcl mx; sounded like Brazian rap; fair; 12/14. (Ervine-TN)
- 4920 **TIBET Xizang PBS** Lhasa 2105-2132 Non-stop fine CC mx; //4905-fair; best heard in USB w/ moderate QSB & static; fair; 11/15. (Serra-Italy)
- 4925 **BRAZIL R. Educacion** Rural Tefe 2325-2337 Two W in PP; followed by choir hymn; 45dB sig stomping on CODAR quite nicely; abrupt off at 2337; 10/28. (Parker-PA) [early s/off this day?-ed.] 0117-0123 (T); Non-stop DJ talk w/ ID at 0121; echo fx; poor; 11/16. (Wood-TN) 4925.2 0152-0202* Lite rock mx then PP M & W in alternating ancments; diff. M w/ low-key ancments over mx; loud echo ID w/ ment. 'Educacao'; 0202 txmitter off; weak & noisy; 11/26. (Brouillette-IL)
- 4930 **BOTSWANA VOA** Moepeng Hill 0402-0405 EE nx; pounding in w/ 60dB sig; 11/25. (Parker-PA)
- 4935 **BRAZIL R. Capixaba** Vitoria 0157-0204 M anc in PP; slow songs w/ W vcl; f-g; 11/7. (Parker-PA) 0432 M in PP; 12/11. [Dexter,WI?-ed.]
- 4940 **CHINA Voice of Strait** Fuzhou 1500-1525 "This is the Voice of Strait, Fuzhou, China"; prgr in EE; "Focus on China"; only b/cast on Sunday; nx items about events in China this past week; mx bridges b/w items; brief promo for China; requests listeners of Focus on China; the "weekly English program on the Voice of Strait radio station"; to call in to the stn or contact them at their website; no AIR QRM today; 11/30. (Howard-CA)
- 4949.92 **UNIDENTIFIED** 1120-1140 Some audio featuring percussion instrumentals; 12/7. (Wilkner-FL)
- 4950 **ANGOLA RN de Angola** Mulenvos 2300 (P); Presumed ID at 2300 & gone by 2304; poor; 12/6. (Ronda-OK)
- 4950 **CHINA V. of Pujiang** Shanghai 1424 Not often audible here; but when it was w/ CC talk & mx; I found it to be overmodulated & distorted; 12/5. (Hauser-OK)
- 4950 **INDIA AIR Srinagar** *0118-0126 AIR IS into SC mx & singing; briefly played IS again; lost after that; v. weak; best heard in USB; 11/20. (Howard-CA)
- 4955 **PERU R. Cultural Amuta** Huanta 2315-2320 W & M in SS; sig only 20dB but in the clear & perfectly audible; 10/28. (Parker-PA) 2329-0003 (T); M w/ SS talk; many ments. of Huanta & (P) IDs at 2332 & 0003; poor; 11/21. (Wood-TN) 2223-2247 M talk w/ LA intonation; fast LA ballads; heard in LSB w/ fast QSB & rustle; poor; barely audible w/ NIR12 only. 11/23. (Serra-Italy) 0026-0035 (P); Andean flute mx; W anc w/ long talk in SS; no solid ID but it's the type of prg heard from Amauta in the past; 11/26. (Brouillette-IL) 2336 Seeming SS relg b/cast; 11/27. (Dexter-WI) 2338-2348 Barely audible M anc; then mx & (P) talk; heard in LSB w/ fast QSB & static; v. poor; 11/29. (Serra-Italy)

- 4960 **SÃO TOME VOA** Pinheira 0616-0620 FF talks; 70dB sig; exc.; 10/30. (Parker-PA) 0318 Aafiyah Darfur/Hello Darfur prg w/ M & W in AA; short mx bridges b/w conversation; occasional longer mx select; off at 0329 w/ VOA ID in EE; fair; 11/24. (Ronda-OK)
- 4965 **ZAMBIA CVC** Lusaka 0215-0225 W in EE reading endless lists of measurements (in feet) to heavily accented M who acknowledged each as if he were writing them down; it had something to do with various sports complexes; ID w/ trumpet at 0225; strong jamming just above this freq but this was completely alleviated in LSB mode; enormous 80dB sig & perfect copy but accents were tough to understand!; 10/31. (Parker-PA) 2054-2104 Afropop & pop song; M in (P) EE; alternating w/ Afropops; bet heard in LSB only to avoid strong jet stream-like QRM (any jamming ?) [doubt it-ed.]; light static; fair; 11/13. (Serra-Italy) 2315-2335 Ballad style pop or relg mx w/ a slight African flavor; initially good sig w/ noticeable fading; declining slowly over time; SINPO 33323; 12/5. (Evans-TN) 0436 Upbeat Christian songs & M host in "sorta" EE; v. hard to follow his accent; f-g; 12/11. (Dexter-WI) 0348 EE sermon; lots of band QRN/fading; fair sig on peaks; 12/14. (Strawman-IA)
- 4970 **INDIA AIR Shillong** 1601-1613 Prg of Johnny Mathis Christmas songs; ID for the N. East Svc of AIR; ad in vern.; fair; yesterday they also played a lot of Christmas mx; 12/4. (Howard-CA) 1546-1623 After the "News at nine" back to lcl prgrming in vern.; SC mx into into EE; "This is the North Eastern Service of All India Radio broadcasting from Shillong on 60.36 meters short-wave" w/ western classical mx; f-g; 12/12. (Howard-CA)
- 4975.96 **UGANDA UBC** Kampala 2009-2024 M & W w/ vern. talk about vitamins; etc; w/ Afropops; slight QSB & static; f-g; 11/18. (Serra-Italy) 2144-2210 Non-stop Afropops; best heard in LSB w/ occ. CW QRM; nulled w/ NIR12 or inter-audio filter; slight QSB & rustle; fair; 11/23. (Serra-Italy) 4976 2155-2256 Prg of tribal vcls; jingles & M ancr in lcl lang; running very late for some reason; carrier cut in mid-song; p-f; 11/23. (DAngelo/FCDX-PA)
- 4980 **CHINA PBS Xinjiang** Urumqui 0102 (P): Listed Uighur svc; too weak for details; unusual recep here; band clear; 11/18. (Strawman-IA) 2342-2405 (P); W w/ talk & occasionally joined by M ancr; change to Oriental sounding mx at 2405; poor; clear of most QRM but bothered by fading & atmospheric noise; also hearing Tibet on 60m at this time; SINPO 24222; 12/5. (Evans-TN)
- 4985 **BRAZIL R. Brasil Central** Goiania 0055-0103 Two extremely; hyperactive M ancrs in PP (sporting event coverage?); blasting in w/ 60dB sig; 11/7. (Parker-PA) 2128-2224 M & W economic talk in PP w/ some mx breaks; ancrment & jingle w/ (P) ID at 2200; M w/ enhanced & emphasized talk alernating w/ other M ancr ment. Brasil, Brasileiro, Rio de Janeiro; best heard in LSB w/ fast QSB & slight static; p-f; 11/11. (Serra-Italy) 2344-2348 Frantic PP futbol rptng; IDs heard in passing; 11/11. (Brouillette-IL) 2204-2211 Slow song; M ancr & brief mx pause; heard in USB w/ rustle & static; moderate deep QSB; fair w/ NIR12; 11/28. (Serra-Italy) 0002 Noisy band condxs w/ songs in PP; //11815 generally better all this week; fair; 12/1. (Ronda-OK) 2249-2315 Ballad style pop mx w/ periods of talk by one or more M; one sometimes quite excited; (P) ID at 2302; re-check found more upbeat Brazilian pop mx at 2405; good w/ fading; SINPO 33323; 12/5. (Evans-TN)
- 4990 **INDIA AIR Itanagar** 1450-1500 "Newsreel" in EE; f-p w/ light QRM from Hunan [co-ch. CC regional-ed.]; 11/26. (Howard-CA)
- 4990 **SURINAME R. Apintie** Paramaribo 0450-0517 Several romantic vcls w/ M ancr w/ Radio Apintie ID at 0459 before continuing mx prg; poor; 11/25. (DAngelo/FCDX-PA)
- 4990.94 **PERU R. Manantial** Huancayo 1040-1050 Noted here w/ QRM; 11/29. (Wilkner-FL)
- 4996 **RUSSIA RWM** Moscow 0039-0044 STFT w/ multiple CW IDs; pips; in the clear; 35dB sig; exc; 11/21. (Parker-PA) (great catch!-ed.)
- 5005 **EQ. GUINEA R. Nacional** Bata 2039-2051 Non-stop Afropop; best heard in USB w/ fast QSB; slight static & rustle; fs/off w/ NA at 2256; poor in noisy condxs; 11/27. (Alexander-PA) 2145-2258* SS talk; Wide variety of Afropop; Europop & US pop mx; s/off w/ NA at 2255; fair; 12/5. (Alexander-PA) 2250-2300* African choral mx; SS talk; NA at 2257; weak; 6250 not heard for the past several weeks; 12/13. (Alexander-PA)
- 5010 **MADAGASCAR RTV Malagasy** Antananarivo 1830-1844 Afropops; M w/ ancrment & "Radio Madagascar" jingle ID; more mx; best heard in USB w/ S9+ of peak; slight static & moderate QSB; fair; 11/14. (Serra-Italy) *0201-0225 S/on w/ choral anthem; opening ancrments in Malagasy at 0203 followed by a variety of choral mx & lcl pops; f-g in reduced carrier USB; 11/22. (Alexander-PA) 0207-0310 Prg of lcl vcls w/ applause hosted by W ancr w/ Malagasy talks; ID at 0230; booming sig but operating b/casting just USB carrier; no LSB carrier; 11/24. (DAngelo/FCDX-PA) 0253 W ancr w/ talk; 0301 into a long mx select featuring whistling; prg continued past 0310 w/ W ancr & short mx select; rapidly fading after 0315; poor; occasionally peaking to fair; 11/24. (Ronda-OK) 2030-2215 Lcl pop mx & Afropop mx; Malagasy talk; weak but readable; on late tonight; reduced carrier USB; 12/20. (Alexander-PA) 2242 (P); Seemingly Afropop vcls w/ cment by low-pitched M; not much above noise; v. weak; 12/20. (Strawman-IA)

- 5025 **CUBA R. Rebelde** Havana 2235-2240 Special b/cast w/ live rpts of hurricane wx; 11/8. (Brouillette-IL) 0340 M anc in SS w/ sporting event; I could not tell if it was baseball or futbol; the play by play sounded too slow for futbol; but I did not hear any recognizable baseball teams; good; 12/13. (Wood-TN)
- 5030 **CHINA CNR-1** Beijing 2004-2017 Typical CC classic mx & lyric chants; heard in LSB w/ fast QSB & strong static; fair w/ NIR12; 11/29. (Serra-Italy) 2146 Definite CC in the sidebands of Cuba-5025; Commies vs Commies at an unusual time for recep'n from Beijing on 60m & not heard after 2200 altho that's still only 6 AM in China; BTW at 2146; Mauritania was also audible on 4845 w/ ute QRM; so that made three separate continents at once on 60m; 12/6. (Hauser-OK)
- 5035 **BRAZIL R. Educação Rural** Coari 0208-0215 (T); M anc in PP w/ lite mx fills; jingle ID not really intelligible; but was long enough to be R. Educacao Rural; v. weak & noisy; 11/26. (Brouillette-IL)
- 5035 **BRAZIL R. Aparecida** Aparecida 2243 Vcl groups & M in PP; 12/8. (Dexter-WI) 5035.06 BRAZIL R. Aparecida Aparecida 2203-2221 M w/ PP talk; W w/ Ave Maria; song; M & W w/ mx & talk; best heard in USB to avoid het w/ fast QSB; rustle & slight static; poor w/ NIR12; 11/13. (Serra-Italy)
- 5039.31 **PERU R. Libertad** Junin 1016 Noted here w/ good sig; 11/27. (Wilkner-FL)
- 5050 **CHINA Guangxi FBS** Nanning 2259 Theme mx; IS; bilingual ID & into a W anc w/ nx in Vietnamese; //9820 noted w/ better sig; this freq usually covered by Brother Stair via WWRB; but missing or late s/on this day; on at 2335 recheck; poor; 11/16. (Schiefelbein-MO)
- 5050 **INDIA AIR Aizawl** 1526-1545 Outstanding condx; normally it's only V. of Strait & Guangxi FBS heard mixing together here; today AIR was clearly heard in vern. into the EE "News at nine"; after 1545 was too confusing to differentiate & Guangxi FSB was getting dominate; this is a rare one for me; 12/12. (Howard-CA)
- 5099.98 **ERITREA R. Bana** Asmara 1716-1726 Chant in vern.; W w/ ID & ancment at 1718; M ancment & instrumental mx pause; talk over slow mx; best heard in LSB; QSB; static & rustle; f-p; 11/9. (Serra-Italy)[nice catch-ed.]
- 5120.4 **PERU R. Ondas del Suroriente** Quillabamba 2308-2330 (P); Early for me; indicating we are into winterlike condx; at least temporarily; weak sig but definite Andean sound; huaynos, etc; & M anc at 2308; 2314; (P) SS but not strong enough be sure it wasn't QQ; totally disappeared by 0100 recheck; 11/21. (Jensen-WI)
- 5240 **TIBET Xizang PBS** Lhasa 1404 I rarely hear Tibet here; but maybe I should check this far OOB more often; mixing w/ CODAR was weak Firedrake; I think; but did not seem // also weak 9000; 12/2. (Hauser-OK)
- 5460 **PERU R. Bolivar** Bolivar 1115 Noted w/ fair sig; 12/10. (Wilkner-FL)
- 5486.7 **PERU R. Reyna de la Selva** Chachapoyas 1016 Musica andina w/ M DJ; good sig; 11/27. (Wilkner-FL)
- 5770 **MYANMAR Myanmar Defense Forces BS** Taunggyi 1526-1528* Pop song in vern.; indigenous instrumental mx at s/off; p-f; the spoken audio is typically lower than the lvl of the mx they play; 12/4. (Howard-CA)
- 5755 **USA WEWN** Vandiver 1406 Two-tone Mass in EE; later checked other WEWN freqs; at 1415; 7555 had much lighter squeal by comparison; not nearly so annoying; as Panis Angelicus was being sung; at 1426; 11520 in SS gospel rock, no squeal; 12/14. (Hauser-OK)
- 5850 **SWEDEN R. Sweden** Hoerby 2253-2300* EE prg about gay marriage; weak but on a clear freq; 11/8. (Brouillette-IL)
- 5865 **FRANCE RT Algerienne** Issoudun 2230 AA singing; good w/ occ. static crashes; 12/3. (Dexter-WI) [UTC?-ed.] Qur'an until abrupt cut-off at 0657*; Allah'll get `em for that; (Hauser-OK) [lol-ed.] *0359-0438 Lcl mx to time pips; orchestra NA followed by M w/ ID & ancments in AA; nx followed w/ recitation from Holy Koran at 0405; p-f but steadily improving; 12/17. (D'Angelo-PA) 0440 Here w/ Kor'an; v. strong; 12/21. (Dexter-WI)
- 5900 **VATICAN CITY Vatican Radio** Khabarovsk 2240 Mandarin talk; exc. to the FE; off w/ IS at 2245; 12/3. (Dexter-WI)

Send all changes of address, renewals, and requests for replacement of missing copies to NASWA, 45 Wildflower Road, Levittown, PA 19057-3209. The e-mail address is billoliver@verizon.net.

International Band Loggings

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- 5925 **CHINA V of Zhonghua CNR-5** Beijing in CH 1128-1203, talks by YL and OM, short music segments, fanfare, news 1200, fair, //7620 also fair (D'Angelo FC DX-PA 11/24)
- 5930 **CZECH REPUBLIC R Prague** in EG 2330, IS, ID, fgy, sked, news, f, //7345 (McGuire MD 11/28)
- 5990 **INDIA AIR** Aligarh in Sindhi/EG 0140, YL in EG speaking about Pakistan followed by OM on same subject in Sindhi, ID and s/off at 0200 (Leite MA 12/4)
- 5990 **BRAZIL R Senado** Brasilia in PT 0900-0930, talks w/frequent mentions of Brazil and Brasilia, back-to-back vocals, read letters from listeners (Barker PA 11/25)
- 5995 **MALI RTVM** Bamako in FR/AR *0555-0640, s/on w/guitar IS, NA 0558, into announcements and ID in FR, religious recitations 0602, talk in AR, more religious tk, Afro pop mx, f (Alexander PA 11/28) in FR 2233-2302, talks by OM/YL, modern pop music, f (Evans TN 12/11)
- 6020 **AUSTRALIA R Australia** in EG 1225, country music, interview w/local performer, greetings to "truckees", vg (Brouillette IL 10/4) in Pidgin 1020, Pidgin talk w/usual interlacing with EG words and phrases talking about elections in the Solomon Islands. TC 1030, ID in EG (Barker PA 11/25)
- 6055 **RWANDA R Rwanda** Kigali in FR 2000-2101*, Euro and Afro pop music, talk, Celine Dion tune, s/off w/short electronic instrumental piece, f-g to 2030, poor after Iran s/on (Alexander PA 12/11)
- 6055 **SPAIN REE** Noblejas in EG 0030, feature re G-20 Summit, tk on Spanish civil war (Fraser ME 11/11)
- 6060 **CUBA R Nacional de Venezuela** relay via Havana in EG/SP 1105-1158*, YL in EG w/election news and translation of long Chavez speech, OM in SP gave AM fgy for various cities, ID (Barker PA 12/7)
- 6105 **GERMANY TWR** relay via Wertachtel in EG 0839, OM preaching about the 'sins of this world', mellow talk in PT underneath TWR signal which dominated (Taylor WI 11/27)
- 6115 **ROMANIA RRI** Bucharest in EG *2300-2356*, news, cultural features, language lessons, folk music, strong signal but inferior audio (Brouillette IL 11/8)
- 6120 **IRAN VOIRI** Kamalabad in EG *0130, IS, ID "Voice of Justice", NA, frequency, schedule, Koran readings, fair, //7160 (McGuire MD 11/14, Ervine TX 12/15)
- 61348 **BOLIVIA R Santa Cruz** in SP 2315-2340, YL/OM w/talks and local pop music, ID 2330, more talk, music, and ID, fair signal which improved after R Aparecida s/off 2330 (Evans TN 12/2)
- 6160 **CANADA CKZU** Vancouver, BC in EG 0630, program on the future of newspapers in an electronic age, CBC ID and news at 0700, long fades but often peaking to good (Ronda OK 12/12)
- 6160 **CANADA CKZN** St. Johns, Newfoundland in EG 1153, reports on big snowstorm in Newfoundland, CBC promos and news at 1200, "Labrador Morning" feature, ID, weather, p-f (Barbour NH 12/9)
- 6185 **MEXICO XEPPM Radio Educacion** Mexico City in SP/EG 0402, ID in SP then EG, pleasant Mexican ballad, talk, Mexican waltz played by brass band, fair (Taylor WI 12/9)
- 6185 **BRAZIL R Nacional Amazonia** Brasilia in PT 2252, mellow ballad, samba music, ID at 2300 and into "Radio Nacional Informa", good (Taylor WI 12/9)
- 6200 **CHINA "Holy Tibet"** via Xizang PBS Lhasa in EG 1630-1700, mostly playing indigenous Tibetan music, chanting, singing, YL described features of the Potala Palace, //4905, 4920 (Howard CA 11/24)
- 6250v **EQUATORIAL GUINEA R Nacional** Malabo in SP *0501-0530, s/on w/NA, Afro-pop music, acmts, weak at s/on but improved to fair/good by 0527 (Alexander PA 11/26) in SP 2201, talk, ID, hi-life vocals, good (D'Angelo PA 11/24) ED: Listed at 10 kw. Nifty DX. Fat chance hearing it on WCNA
- 6889v-nf **ETHIOPIA R Fana** Addis Ababa in Amheric? *0256, IS, Horn of Africa style instrumentals, ex-7210, threshold signal at s/on, weak but readable by 0407, much better on //6110 (D'Angelo PA 11/26)
- 7110 **ETHIOPIA R Ethiopia** Addis Ababa in Amheric 0419, talks, Horn of Africa music interludes, many mentions of "Abba", ID, address?, good (Wood TN 12/7) in Amheric 2035-2101*, talk, Euro-pop and US ballads, s/off w/NA, fair with weak co-channel QRM, //97042v poor (D'Angelo PA 11/30)
- 7150 **RUSSIA V of Russia** relay via Armavir in EG 0438, ID, ads for music compilations available for sale, program of classical music featuring Rachmaninoff, very good (Wood TN 12/13)
- 7160 **ZAMBIA CVC Int'l** relay via Lusaka in EG 0404-0447, "Brad in the Morning" program w/hip-hop music, promos, contest info, jingles, ID, news, weather, fair (D'Angelo PA 12/11) in EG 0505, many "One Africa" IDs, rooster crows, pop music, talk on various ways to celebrate Xmas (Alexander 12/11)
- 7160 **IRAN VOIRI** Sirjan in EG *0130, IS, ID "This is the Voice of Justice", music, prayers, YL mentioned Teheran, Kamalabad, and Sirjan, fair w/noise, //6120 (Ervine TX 11/28)

- 7220 **VIETNAM V of Vietnam** Hanoi in EG 1250-1258*, VT instrumental music, talk re Pakistan, more music until 1257 ID and closedown, poor to fair (D'Angelo PA 11/25)
- 7230 **BURKINA FASO R Burkina** Ouagadougou in FR 0436-0503, OM in African-accented FR, thumb piano music, pips at 0500, ID, fair to good (Wood TN 12/7)
- 7305 **VATICAN STATE Vatican Radio** in EG 0250, IS, ID, report on Pope Benedict (McGuire MD 11/27)
- 7315 **FRANCE RFI** Issoudon in EG 0414-0430*, sports news, TC, ID, brief news items, "Press Review" and "Africa Report", mentioned return at 0600 during closedown, f-g, //9805 fair (D'Angelo PA 12/12)
- 7320 **RUSSIA R Rossiï** via Magadan in RS 0210-0300, local regional programming, ID, series of ads for Magadan, phone #'s, address, jingle and ID at 0230 (Howard CA 11/24)
- 7375 **GERMANY V of Croatia** relay via Wertachtel in EG 2315, "Croatia Today" news program, lite music, into SP programming at 2330, poor to fair w/QRN, //3985v weak via Croatia (Alexander PA 12/12)
- 7400 **BULGARIA R Bulgaria** Plovdiv in EG 0335, feature on photography and the arts in Bulgaria and studies of same in universities, g (Wood TN 12/7) in EG 2205, talk on Bulgarian social services, profile on the city of Varna (Brouillette IL) in EG 2200, ID, news, rpt on Iraq, g (McGuire MD 11/13)
- 7455 **FRANCE Radio Algeria** relay via Issoudon in AR 2150, talk, in Qur'an 2155, RTTY QRM, closed abruptly at 2200 but weaker parallel on 5865 continued on (Hauser OK 12/6)
- 9345 **UZBEKISTAN R Nederland** relay via Tashkent in EG 1416-1459*, beamed to South Asia, "Newline" IDs, features about World Cup and a new book, "Insiders" feature, f (D'Angelo FCDX-PA 11/24)
- 9420 **ZAMBIA CVC Int'l** relay via Lusaka in EG 2133, gospel rock and religious talk, signal dominated V of Greece which was barely detectable, website given (Hauser OK 11/28)
- 9425 **UZBEKISTAN CVC Int'l** relay via Tashkent in HD 0135-0202, phone calls, Hindi pop and ballads, promos at 0200 and "The Voice" ID, poor (Barbour NH 12/3)
- 9435 **PHILIPPINES FEBC** Manila in IN/EG *2225-2258, IS, ID, religious program where preacher in EG covers material and another translated into Indonesian, f-g (D'Angelo FCDX-PA 11/24)
- 9500 **UZBEKISTAN CVC Int'l** relay via Tashkent in HD 1220, YL talks b/w Hindi pop music, CVC promos and ID at 1228, contact info/URL, fair to poor (Barbour NH 12/8)
- 95259v **INDONESIA V of Indonesia** Jakarta in KR /EG *0958, Stevie Wonder song, at 1001 announced this is the end of the Korean broadcast, into EG programming w/theme music, IDs, news, feature about migrant workers, fair (Alexander PA 12/5)
- 9575 **IRAN VOIRI** Sirjan in RS 1432, Qur'an chant, news?, fair, //9735 via Ahwaz (Taylor WI 12/8)
- 9575 **MOROCCO Radio Medi Un** in AR 0341-0512, program of AR vocals, talk, ID, theme music, news, fair but improving after 0430 (D'Angelo PA 12/12) in AR 2243, very nice hammer dulcimer type music, brief announcement, into NA, fade out 2251 (Brouillette IL 11/28) in FR/AR 0845-0915, OM in FR until 0900 then into AR programming, AR music, ads in both FR & AR, exc (Barker PA 11/26)
- 9580 **GABON Africa #1** Moyabi in FR 2251, group discussion, some phone-ins, ID, schedule info, pips at 2300 and s/off, good but fading fast (Brouillette IL 11/28)
- 9610 **ROMANIA RRI** Bucharest in EG *2300, IS, ID, web address, economic news, g (McGuire MD 11/26)
- 9610 **CANADA RCI** Sackville in PT 1547, program for criancas, into chanson in FR, ID in EG 1549 and back to PT which was actually an EG lesson for immigrant children (Hauser OK 12/8)
- 9625 **CANADA CBC North** Sackville, NB in EG 2235, news, ID as "CBC Radio 1", program agenda, vocal, weather report for Glacier Lake area, QRM from Spain on 9620 (Ervine TX 11/27)
- 9635 **MALI RTVM** Bamako in FR *0800-0845, s/on w/flute IS, mostly continuous African tribal music & local guitar music, occasional IDs, talk, p-f, //7284.6 with weak signal (Alexander PA 12/6) in FR 0820 w/nice tribal music, lots of drums and singing in vernaculars, ID 0829, f/o (Barker PA 12/5)
- 9660 **NETHERLAND ANTILLES Radio Japan** relay via Bonaire in PT *0230, ID "NHK", frequency, sked, mention of Washington, good (McGuire MD 11/14)
- 9705 **NIGER LV du Sahel** Niamey in FR/Vern 2250-2333*, talk, local string music, rustic vocals, ID, into Qur'an at 2326, NA and test tone before s/off which ran past their usual 2300* (Alexander PA 12/11) in FR 2057-2200*, program of C&W music w/DJ, Qur'an recitation, ID, NA, f (D'Angelo FCDX 12/23)
- 9810 **THAILAND R Thailand** Udon Thani in EG 1234-1259*, news, ID, promos from the tourist bureau, TC and sign off in mid-sentence (D'Angelo FCDX-PA 11/25) in EG 1243, news item re Thai King, world news, local TCs, several promos re Thai tourism, no word on Thai political unrest (Barbour NH 12/2)
- 9840 **RUSSIA V of Russia** via Petropavlovsk in EG 0359, "Pictures At An Exhibition" theme, ID followed by news headlines then details by YL, fair on peaks (Strawman IA 12/14)
- 110925 **ST. HELENA Radio St. Helena** in EG 2300, annual special broadcast, vocals, E-mail address set to music, frequency, phone contact #, "Joy to the World" carol, s/off with "until next year, goodbye and God Bless" to music, f-g with some RTTY/UTE QRM (Barton AZ 11/15) in EG 2015-2345*, music and


- talk, changed from overseas SW program to regular local format with "continuous music" at 2330, s/off 2345 (Parker PA 11/15) in EG 2000-2342, opening theme, ID, talks, reading reception reports, greetings, various pop music including "Back in the USSR", very weak, noisy (Brouillette IL 11/15)
- 11550 **TAIWAN Radio Australia** relay via Taipei in IN 2250-2315, talk by OM occasionally joined by YL and a few bars of music, ID, language lesson?, poor w/fading and noise (Evans TN 12/12)
- 11655 **MADAGASCAR R Nederland** relay in EG 1900, bell chimes, ID, African service, "Newsline" feature, fair reception (McGuire MD 11/28)
- 11660 **AUSTRALIA R Australia** in CH/EG 1405, CH service had OM/YL with news? program, changed to EG at 1430 with news features, f-g but some white noise and fading (Strawman IA 11/30)
- 11735 **TANZANIA V of Tanzania-Zanzibar** Dole in EG/SH 1802, news in EG re Thai political crisis, Obama and Hillary, sentencing of Chemical Ali, quick "Spice FM" ID 1811 followed by changeover to Swahili with Afro pops and Hindi-like music, f-p (Barbour NH 11/2)
- 11905 **ROMANIA RRI** Tiganesti in RS 1445-1456*, ID as "inter-radio Rumania", sports, closedown with schedule for RS transmission, more IDs (Hauser OK 11/25)
- 15190 **EQUATORIAL GUINEA R Africa** Bata in EG *1506-1610, s/on with religious programming, fair level but weak modulation, ID, E-mail and California mailing addresses, strong signal but audio slightly distorted (Alexander PA 12/13) in EG 1715-1804, raspy voiced African-American preacher, "Call to Worship", listeners asked to write to Holland, Michigan address, fair (Howard CA 11/26)
- 15315 **NETHERLAND ANTILLES R Nederland** relay via Bonaire in DT *2100, bell chimes IS, frequency, schedule, ID, time pips, "Newsline", good (McGuire MD 11/26)
- 15420 **SOUTH AFRICA BBC** relay via Meyerton in EG 1800, ID, pips, web address, feature on India, good (McGuire MD 11/28)
- 15476 **ANTARCTICA LRA 26 R Nacional Arcange!** San Gabriel in SP 2046, pop ballad occasionally poking thru noise, flute music, s/off at 2100, fair signal at peaks (Strawman IA 12/1) in SP 2025-2058*, bits of music, YL talk, ID as LRA36 and "la emisora mas austral del mundo" at 2058* (Hauser OK 11/27) in SP 1958-2101*, music hosted by YL, several IDs, weak but clear (D'Angelo FCDX-PA 11/24)
- 15640 **UNITED KINGDOM Deutsche Welle** in GM 1504, news, feature, ID, fair (McGuire MD 11/13)
- 15700 **BULGARIA R Bulgaria** in GM/FR 1150, radio play with names of characters and technical people at the end, into FR program at 1200 w/IS and ID, good, //11700 barely audible (Fraser ME 11/15)
- 15745 **GERMANY CVC Int'l** relay via Juelich in EG 1536, contemporary Christian music hosted by OM and featuring Top 20 Countdown poll for the week, jingles, promos, IDs, phone, p-f (D'Angelo PA 12/6)
- 15775 **SAO TOME VOA** relay in EG/Vernacular 1712-1754, "Studio 7" feature in Vernacular, into EG 1730 with "Good Evening, Zimbabwe", news, hi-life music, IDs, fair (Howard CA 12/12)
- 17725 **LIBYA V of Africa** Sabrata in EG *1400, numerous IDs, drums, talks by OM/YL, schedule, local vocals, commentary/talk about evolution of Libyan culture etc., p-f (D'Angelo FCDX-PA 11/24)
- 21620 **FRANCE RFI** Issoudon in EG 1210, "Voices" feature, Ann Eggington interviewing Antarctica explorer and film maker, f-g (Fraser ME 11/12)

Clandestine and Opposition Stations

- 5910 **JAPAN Shiokeze** via Yamata, Japan in EG 100-1430, still sticking to English on Fridays, no jamming noted, ID in clear American English, several brief Kyodo news stories about No. Korea read by person with an extremely heavy accent (Hauser OK 12/5)
- 5980nf **ETHIOPIA Voice of the Tigray Revolution** Mekele in Vernacular 0258, IS, local Horn of Africa music at 0304, weak but readable, //5950, mixing with WYFR Okeechobee (Alexander PA 11/27)
- 7315 **GERMANY Radio Dabanga** (Sudan) relay via Wertachtel in AR *0430, music and opening IDs by OM as soon as France left the air, poor to fair (D'Angelo PA 12/12)
- 9690 **AUSTRALIA Nippon no Kaze** (to North Korea) relay via Darwin in KR 1508-1530*, talks with some music, ID, P.O. in Tokyo, website, closed w/soft instrumental music, f (D'Angelo FCDX-PA 11/24)
- 11530 **UKRAINE V of Mesopotamia** relay via Mykolaiv in Kurdish 1138-1203, non-stop Mideast songs, into chants alt w/strings and flute music, martial NA, IDs, news?, good w/some QSB (Serra ITALY 11/29)
- 11610 **MADAGASCAR Radio Voice of the People** (Zimbabwe) in EG/Vernacular *1700-1755*, s/on with African music and ID, announcements in EG followed by talk in Vernacular, short breaks of African music, talk in EG about violence in Zimbabwe, fair with weak jamming (Alexander PA 11/29)
- 11875 **ASCENSION ISLAND Star Radio** (Liberia) relay in EG *0700-0730, talk, ID 0729, into Cotton Tree News programming at 0730, threshold signal at s/on but slow improvement (Alexander PA 11/28)
- 11875 **ASCENSION ISLAND Cotton Tree News** (Sierra Leone) relay in EG 0730-0800*, "CTN" ID, talk re local election during entire broadcast, abrupt s/off, weak but readable (Alexander PA 11/28)
- 13800 **MADAGASCAR Radio Dabanga** (Sudan) relay in AR 0433-0527*, local music, many IDs, short talks, fair to good reception, //7315 better (Alexander PA 11/26)

22nd Anniversary

Winter SWL Fest

Sponsored by 

March 13-14, 2009

Best Western—The Inn at Towamencin
1750 Sumneytown Pike, Kulpsville, Penna.

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Your registration must be received by February 28, 2009 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

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NAME: _____ (SPOUSE'S NAME) _____

ADDRESS: _____

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

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- One-Day no meals (\$15)
- One-Day w/Lunch (Sat) (\$30)
- Spouse Lunch-only Sat (\$15)
- Full Spouse / etc. (\$45)
- Banquet only (Spouse) (\$20)
- Student (\$10)

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AFTER FEBRUARY 28, 2009:

- Full (\$65)
- Two-Day no meals (\$25)
- One-Day no meals (\$20)
- One-Day w/Lunch (\$35)
- Full Spouse/son/daughter (\$50)
- Banquet only (Spouse) (\$25)
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Registration is not transferrable; cancellations after February 28, 2009 cannot be refunded, however we will refund raffle ticket money if you have to cancel.

Company Store

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

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