

The **NASA** Journal

VOLUME XLXI NUMBER 1

JANUARY 2011

Radio Vanuatu - 1998

RADIO VANUATU

NATIONAL SERVICE



9th Gung-Fan Team from Amakiri Islands
used in village by village communication
and in custom ceremonies.

Q.S.L.

To: [Name] [Address]

of: [Name] [Address]

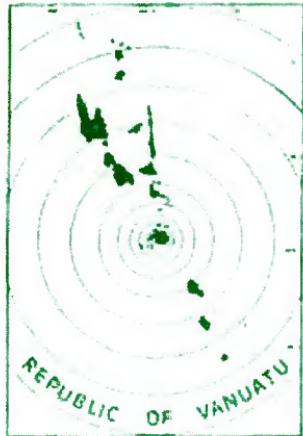
I AM PLEASED TO VERIFY YOUR
RECEPTION OF THIS STATION

AT G.M.T. [Time] DATE [Date]

ON 1125, 3945, 7260 KHz

+ [Frequencies]

For RADIO VANUATU
P.O. Box 49,
PORT VILA, VANUATU



To: [Name] [Address]
P.O. Box 68
[Address]
Vanuatu Islands
Amakiri Islands

PAR AVION

Quality Radio Equipment Since 1942

GRUNDIG

SATELLIT 750



The Grundig **Satellit 750** will give complete coverage of all long wave, AM, shortwave frequencies (with S.S.B. mode) and FM (stereo to the earphone jack), plus the VHF aeronautical band (118-137 MHz). Tune your favorite stations by the conventional tuning knob (two speed), keypad entry or via 1000 memories. Enjoy the fidelity you have come to expect from Grundig enhanced by separate bass and treble controls. The radio has both an earphone jack and a Line Output jack. The built-in 24 hour clock has a dual alarm and sleep feature. This radio can simultaneously display the frequency and the time on the large backlit LCD. It will also indicate antenna selection, battery status, wide/narrow selectivity, memory and attenuator status. Long distance AM band reception is possible with the built-in 360 degree rotatable ferrite antenna. External antennas may also be attached (BNC). 14.65 x 7.24 x 5.75 inches 5.25 lbs. Includes AC adapter or may operate from four D cells (not supplied). List \$400.00 Order #0750

GRUNDIG G6

FREE Grundig G6 Receiver

Purchase your **Satellit 750** from Universal Radio before 02/28/11 and receive a **FREE G6** with your order. A \$99.99 value! (G6 also sold separately).



With the **Grundig G6 Buzz Aldrin Edition** on your side, you'll always have great listening options. Tune in to longwave, AM, FM, the VHF aircraft band or continuous coverage shortwave. Use the auto-tuning feature to browse stations and stop on the next available frequency. You can also use "D5" tuning to get a taste of what's playing—stop on the next available frequency for five seconds at a time. This advanced dual conversion circuit also features the reception of S.S.B. (Single Side Band) signals. This radio has keypad entry, manual tuning knob and 700 alphanumeric memories, arranged in 100 pages. The backlit display features a signal strength indicator and there is a stereo/mono and a mega-bass switch. There are mini jacks for earphones and external antenna. Use the international clock and wake-up alarms to keep you on schedule. This radio comes with an AC adapter and earbuds. It can operate from two regular or NiCad AA cells (not supplied). 5 x 3 x 1.2 inches 9 oz. This radio is simply a great value. List \$150.00 Order #0626

\$99.99

GRUNDIG G3



The **Grundig G3 Globe Traveler** is an innovative portable radio covering long wave, AM, FM (stereo to earphone jack), continuous shortwave plus the VHF aircraft band. It features dual conversion AM/SW circuitry for exceptional sensitivity and image rejection. It offers S.S.B. - Single sideband reception. It has a large 700 channel memory system with memory scan and auto tuning storage. Memories may be labelled up to 8 characters. Unlike other portables in its class, the *Globe Traveler* offers Synchronous Detection. This special feature addresses the issue of selective fading and adjacent channel interference on shortwave. Other enhancements include: Wide/Narrow selectivity, auto search, RDS, signal indicator, Local/DX switch, direct frequency entry and 24 hour clock with four alarm timers. It has an external antenna jack and a Line In/Out jack. Requires four AA cells (not supplied). If four NiMH AAAs are inserted, they may be recharged inside the radio. Supplied with manual, protective pouch and AC adapter/charger. 6.62 x 4.13 x 1.1, 13 oz. G3 Globe Traveler Order #4033

FREE Grundig M400 Receiver

Purchase your **G3** from Universal Radio before 02/28/11 and receive a **FREE M400** with your order. A \$29.95 value (also sold separately).

M400

The **Grundig M400** is an ultra compact portable radio that covers the AM (520-1710 kHz), FM [87-108 MHz] and shortwave in two bands: 5.9-10 and 11.65-18 MHz. The M400 features an analog circuit with digital display and has easy-to-use controls. The frequency display is to the nearest 1 kHz on AM and to 5 kHz on shortwave. There is a built-in clock-alarm. The left side of the radio has the tuning knob, an earphone jack and a lock button to prevent accidental frequency changes. An amazingly thin radio ... under $\frac{1}{2}$ inch! The built-in 4 ohm speaker is 40mm wide. The collapsible telescopic whip is for the FM and shortwave bands, and does not need to be extended for AM band reception. This radio operates from two AAA cells (not supplied). Supplied with an elegant soft case that permits the radio to be played even while inserted. 2.75 x 4.33 x 0.472" 3.2 ounces. Order #3400

WORLD RADIO TV HANDBOOK 2011

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. 2011 65th Edition.** List price \$34.95. List \$34.95 Order #0048



\$29.90

GROUND STRAP

This **copper ground strap** can be helpful if you are attaching a ground wire (not supplied) to a metal pipe or metal slate. 6.5 inches long. Do not connect to a PVC pipe or gas line.

33-10815 Order #5630

\$1.29

COFFEE MUG

This attractive cobalt blue mug features the Universal Shortwave globe logo and lettering in white and red. Holds 10 ounces.

Universal Mug Order #5605

\$6.95



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\$50-\$100=\$7.95, \$100-\$500=\$9.95, \$500-\$1000=\$14.95.

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Prices shown are after mfg's. coupons.
Returns are subject to a 15% restock fee.

NASWA Notes

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

Happy New Year! I hope you had an enjoyable holiday season filled with good cheer and good DX. As we move into another year, we should be enjoying maximum listening conditions so make sure you check the shortwave bands on a regular basis.

Dr. Adrian Peterson, host of Adventist World Radio (AWR) Wavescan program, recently announced the winner of its 2010 Station Profile DX Contest. It was NASWA member **William Patalon III**, Fallston, Maryland. Bill's was an excellent submission, prepared in full color in the form of a loose leaf book, with full details in all areas. The theme was Station Profiles. Congratulations Bill on this achievement. Nice job!

Don't forget that the 24th Annual Winter SWL Festival, hosted by Festmeisters **Rich Cuff** and **John Figliozzi** is just around the corner. The Fest will be held 4-5 March 2011 at the Doubletree Guest Suites in Plymouth Meeting, PA (note the NEW location). The usual Fest good time should be had including a full complement of forum sessions, the Hospitality Room, the Silent Auction, and the Saturday Night Banquet and Raffle. Rooms at the Doubletree include a full breakfast for each day's stay. The registration form for the Fest is available elsewhere in the *Journal*; hotel reservations should be made directly with the Doubletree at 610-834-8300; a special \$89 room rate is available but you must mention the "Winter SWL Fest" rate to get this special price. Updates and additional information will be posted at the Fest website, <http://www.swlfest.com>, and will also be available in the *Journal* as the Fest approaches.

Robert Kipp informs us that many radio friends listened to the special Rhein-Main-

Radio-Club (RMRC) from Frankfurt, Germany shortwave broadcasts, which featured many audio clips in studio quality from the original Radio St. Helena Day 2009 broadcast and comments on the clips by Robert Kipp in October. The RMRC was very happy to have received many reception reports from listeners worldwide. They plan to broadcast on shortwave twice a year from their DX-Camps in the spring and autumn. The next DX-Camp will be in May, 2011; watch for further information. As a service to SWLs, RMRC made a special CD regarding these shortwave broadcasts. For the RMRC, this CD is essentially a non-profit activity in support of the Radio St. Helena Day Revival Project. This special CD will contain the full one-hour shortwave broadcast in best audio quality. Additionally, Robert Kipp will tell the fascinating story of this remarkable and complex project and has included several pictures representing various phases of the project. The price of this CD is 15 Euro. You can order the CD from the club's homepage <www.rmrc.de> or by sending an email to DrGabler@t-online.de.

Also, **Harald Gabler**, RMRC Chairman, notes that the QSL calendar 2011 is the 6th edition to be published by the Rhein-Main-Radio-Club and ADDX Archive as a non-profit activity to support shortwave listening. This full color art print calendar offers real treasures from the ADDX archive, which contains QSL cards from the 1930's to the present. The QSL calendar is in English and costs 15 Euro plus 6 Euro postage outside Europe. If you would like to own a copy of the 2011 QSL calendars, simply send an email to DrGabler@t-online.de or you can order directly from the club's Internet homepage <www.rmrc.de>. You can pay by bank account transfer or PayPal.

Our Motto: Unity & Friendship

Latest versions of the *Pacific Asian Log (PAL) Radio Guide* covering all medium wave (AM) and shortwave (SW) radio stations across the region is available from the Radio Heritage Foundation website www.radioheritage.net. The PAL Radio Guide lists all known AM and SW radio stations operating in the region with detailed information about operating times, languages, location, and more across many thousands of individual stations. The PAL Radio Guide is compiled in Seattle, USA by Editor-in-chief **Bruce Portzer** from monitoring reports, official sources and feedback from listeners across the region. Search the guide online by options such as location and frequency or download a copy for your own personal use from www.radioheritage.net. Feedback, corrections and updates from users are always welcome and will be incorporated in future versions. Simply email the Radio Heritage Foundation with your comments to info@radioheritage.net.

The International Radio Club of America (IRCA) will hold its 2011 convention in Colorado Springs, CO on June 23-26 at the Airport Value Inn & Suits. A special convention room rate of \$69.00 per night is available. The registration fee is \$30.00. The IRCA co-hosts **Bob Wien** and **Mike Sanburn** are planning the usual station tours on Friday, tower photo ops, business meeting, banquet and auction on Saturday. Check the Calendar of Events for further information.

Speaking of meetings, the Danish Shortwave Club International will hold its 2011 Annual

General Meeting and DX Camp at Vejers Beach, Western Denmark, Western Part of Jutland on 20-22 May 2011. If you wish to book a hotel room, you may do so electronically (klithjem@live.dk); the homepage of the hotel is: www.klithjembadehotel.dk. You can receive more details later on from the Chief Editor of Shortwave News, DSWCI, **Kaj Bredahl Joergensen** in Denmark: Kaj.Bredahl@mail.dk.

Finally, **Anker Petersen** sent information that the Danish Short Wave Club International appointed three members of honor: **Jens Frost**, **Niels Jakob Jensen** and **Finn Krone**. They are now introduced on the DSWCI website at www.dswci.org; click "DSWCI Members of Honour". Of special interest may be the QSLs and pennants from the 1950s and 1960s, collected by the club's first Chairman, Niels Jakob Jensen. They are shown at this direct link www.dswci.org/specials/njj.

Please remember to direct all communications about subscriptions, bulletin delivery issues, winter snow removal ideas, 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 Facebook Page

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

Calendar Of Events

- Jan 8 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 14 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 15 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/~mreece/monix.html>>
- Jan 17 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, 919-599-4902, curt@w4cp.com.
- Jan 28 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 26 Meeting.** Reading International Radio Group. A meeting of the Reading International Radio Group will be on Saturday February 26 in Room 3, Reading International Solidarity Centre, 35-39 London Street, Reading at 2.30 p.m. Further information from Mike Barracough <mikewb@dircon.co.uk>.
- Mar 4-5 Convention.** The 24th Annual Winter SWL Festival, sponsored by NASWA, will be held at the DoubleTree in Plymouth Meeting, PA (note change of location) on 4 and 5 March 2011. Richard Cuff and John Figliozzi co-chair the organizational committee. Hotel reservations should be made directly with the Doubletree at 610-834-8300; a special \$89 room rate is available but you must mention the "Winter SWL Fest" rate to get this special price. Updates and additional information will be posted at the FEST website, <http://www.swlfest.com>. Although it is early, you don't want to miss this special FEST event. See you there!
- Apr 16 Meeting.** Reading International Radio Group. A meeting of the Reading International Radio Group will be on Saturday February 26 in Room 3, Reading International Solidarity Centre, 35-39 London Street, Reading at 2.30 p.m. Further information from Mike Barracough <mikewb@dircon.co.uk>.
- May 13-16 Annual Meeting.** The National Association of Shortwave Broadcasters annual meeting, organized by Radio Miami International, will take place 13-16 May 2011 onboard the Royal Caribbean Majesty of the Seas cruise ship which sails from Miami to Nassau and Coco Cay in the Bahamas. The cost for the three-night cruise will be \$299.00 plus \$66.41 in taxes, per person in a double occupancy inside cabin. This price includes all meals, accommodation, transportation and entertainment. The ship has a dedicated conference center where the NASB and DRM USA meetings will be held, and Royal Caribbean will provide the meeting rooms and audiovisual equipment free of charge. The NASB cruise rate of \$299.00 is guaranteed for those who register before October 27, 2010 with a deposit of \$100.00 per person (\$200.00 per cabin). The balance of

the cruise fare does not have to be paid until March 4, 2011. A brochure about the cruise and a registration form are available on the NASB website, www.shortwave.org. Click on "Annual Meeting." For an e-brochure with photos of the ship, send an e-mail to info@wrmi.net with "NASB 2011" in the subject line.

May 20–22 Annual General Meeting (AGM). The Danish Shortwave Club International (DSWCI) will hold its 2011 AGM and DX Camp at Vejers Beach, Western Denmark, Western Part of Jutland on 20–22 May 2011. If you wish to book a hotel room, you may do so electronically (klithjem@live.dk); the homepage of the hotel is: www.klithjembadehotel.dk. You can receive more details later on from the Chief Editor of Shortwave News, DSWCI, Kaj Bredahl Joergensen in Denmark: Kaj.Bredahl@mail.dk.

May 20–22 Hamvention. The 2011 Dayton Hamvention runs from May 20 through May 22 at the Hara Arena, just outside of Dayton in Trotwood, Ohio. The theme for this year is "This Week in Radio." Further information is available at <http://www.hamvention.org>.

Jun 23–26 Convention. The International Radio Club of America (IRCA) will hold its annual convention in Colorado Springs, CO on June 23–26 at the Airport Value Inn & Suits. For the special convention room rate of \$69.00 per night contact the hotel (6875 Space Village Avenue, Colorado Springs, CO 80915; 719-596-5588) mention the IRCA Convention and host Bob Wien. The registration fee of \$30.00 should be sent to Bob Wien (#106, 2910 North Powers Blvd., Colorado Springs, CO 80922-2801. The IRCA co-hosts Bob Wien and Mike Sanburn are planning the usual station tours on Friday, tower photo ops, business meeting, banquet and auction on Saturday.

Aug 20 Get Together. The 18th annual Madison – Milwaukee Get together for DXers and Radio Enthusiasts will take place on Saturday, August 20, 2010 starting at 1:00 PM until whenever. This year's venue will be Oak Creek, Wisconsin (suburban Milwaukee) hosted by Tim Noonan. This is an informal event where you can meet and socialize with other radio hobbyists and enthusiasts. For more information, please contact Tim at <DXing2@aol.com>.

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). 

FRENDEX: Twenty-Five Years Ago (January 1986)

Kevin Mikell and Austin Kelly were organizing the 1986 Chicago DX Convention sponsored by the Chicago Area DX Club the weekend of February 7–9, 1986 at the Gurnee Holiday Inn just north of Chicago. Gerry Dexter and Don Moore were scheduled guest speakers. In Easy Listening, Editor Alex Batman deviated from the usual format to discuss one or two topics of interest such as RAI and Radio Havana Cuba. In the NASWA Awards column, John Kapinos announced awards for Danny Dankert, Ray Niekamp, Betsy Robinson, Michael Schmitz, Winfred Webb, and John Wilkins. Nobuaki Takahashi wrote "Facts About NHK Domestic Shortwaves". Bill Plum compiled a Survey of South American QSLs Received, January–December 1985. In April 1985, 500 randomly selected subscribers to The Shortwave Guide were asked to select their favorite programs. The top ten results were tabulated by Dr. Kim Andrew Elliott: (1) Shortwave Listeners Digest (Radio Canada International); (2) Media Network (Radio Netherlands); (3) World News (BBC); (4) World of Radio (WRNO); (5) DX Partyline (HCJB); (6) Happy Station (Radio Netherlands); (7) Twenty-Four Hours (BBC); (8) Shortwave Merry-Go-Round (Swiss Radio International); (9) Radio Newsreel (BBC); and (10) The World Today (BBC). In Frendx Log Reporters, Editor John Henault noted that 33 members submitted loggings for the month. A news release from Radio Earth announced that it has filed for a shortwave radio license in Curacao. 

Musings

Please e-mail your Musings to Rich D'Angelo at rdangelo3@aol.com or by postal mail to 2216 Burkey Drive, Wyomissing, PA 19610.

Rob McCurdy, 11 West Dulles Drive, Camp Hill, PA 17011

Hey, Bill McCourt down in Reston. I'm also a Jean Shepherd fan who listened to him on WOR in the 1950s. I have CDs of some of his broadcasts, which are very interesting. If you'll give me your address I'll send you a catalogue that has some for sale!

Toshi Ohtake <ohtaket@kyp.biglobe.ne.jp>, Japan Short Wave Club, JSWC, P. O. Box 44, Kamakura 248-8691, Japan

Dear radio friends. The first topic is NHK Domestic radio's special program featuring short wave listening. Japan's NHK is planning one-and-a-half hour special program on January 2nd to emphasize the ties between the Japanese and foreign people strengthened by short wave radios. Short wave listeners are invited to send letters and e-mails to express their friendship with foreigners through the radios. Several announcers of Japanese language services in foreign countries will give their comments on their relations to Japan and their roles in the radio programs. The stations to be involved in this special program will be Voice of Russia, China Radio International, Iran's IRIB, Korean Broadcasting System and RAE, Buenos Aires. This is unusual coverage by NHK's domestic radio network to focus on short wave radio.

The second topic is Hamfest India 2010. I had a chance to attend this annual event held on 13th and 14th of November in Pollachi, Tamilnadu, South India. The venue was the P. A. Educational Institution, which was 5-year-old college housed in a beautiful white building. I lectured on Japan's radio world with emphasis on short wave radio, and was impressed with strong interest in science and technologies among young people in India, particularly among female students. This passion for science was, as I recall, the one we experienced 30 to 40 years ago in Japan when our society and industries were growing rapidly. Hamfest was attended by more than 400 hams and SWLs from many parts of India. I was so glad to see many radio friends whom I only knew by names. Mr. Jaisakthivel of Arctic DX Club took full care of me from airport pick up through Hamfest attendance and airport departure. We also enjoyed two visits to Community FM radio stations at Coimbatore.

After the Hamfest I visited National Institute of Amateur Radio ("NIAR") in Hyderabad and AIR Hyderabad by special arrangement of Mr. Jose Jacob. Mr. Suri, founder of NIAR took very good care of me at Hyderabad. I also had a chance to see some radio friends in Delhi as Mr. Alokesha Gupta organized a small meeting for me. He also arranged a special visit to AIR HQ and accompanied with me to see director and other engineering personnel. Without all of this assistance of many radio friends, my visit to India would not be materialized. I sincerely appreciated their help and friendship.

This is all for this month. Wishing you FB DXing! Toshi

Mike Barracough, England <mikewb@dircon.co.uk>

Amnesty International is sending radios into Burma. This video shows them being distributed by activists carrying them on foot through a war zone to impoverished rural communities in Eastern Burma. The radios shown on the video are Chinese made Tecsun R 808's covering medium wave, FM and shortwave. The organisations distribute different makes of radios to communities to avoid possible detection of beneficiaries by the military. The radios give access to information from broadcasts by the BBC, VOA, Radio Free Asia and the Democratic Voice of Burma.

On November 13, the day of the release of opposition leader Aung San Suu Kyi, who spent up to six hours a day listening to shortwave during the long years of her detention, Amnesty launched a new appeal with a target of 10,000 more radios. <http://vimeo.com/16762206>

James W. Young <astroyoung@verizon.net>, Wrightwood, CA

On my recent vacation to the north coast of Oregon, I specifically made a 60-meter resonant dipole and 8-foot center support pole. Each evening from November 3-25, I traveled 10 miles south to an overlook of the Pacific Ocean about 200 above the water on Highway 101. I placed the antenna up using a guard rail to support the center pole. The antenna with balum, was feed on coax to the car and my Grundig Satellite 800. I DXed on 19 days, from about 0030-0300Z in the evenings, and left to antenna in place, only to return the following morning from 1330-1530Z. I removed the antenna each morning, and returned to my house in Seaside.

Reception was extremely good on all but a few days. Reception of the various Indian stations in the evening and morning hours was much better than my set up in Wrightwood. Latin American stations were not as good as in Wrightwood.

I made numerous recordings of my best sub-continent receptions, and especially of AIR Gangtok when it was then on 4837.2. It is now on 4835.0 both evenings and mornings once I returned to Wrightwood. Best logging of Gangtok was on the 16th, at 1420-1440. They played The Titanic song, "My Heart Will Go On", by Celion Dion.

Thanks to Ron Howard for the 'hint' to go portable like he himself does. The line noise in Seaside is terrible, but on Highway 101 was dead quiet. Back home in Wrightwood, the Latin's are great, but the sub-continent not as good.

Eric Bueneman (NØUIH), 631 Coachway Lane, Hazelwood, MO 63042-1347

Long-distance radio listening was an occasional diversion in the days before I discovered shortwave radio. Starting when I was 10 years old, I was tuning around for stations outside the St. Louis area. The station that got me hooked on long-distance AM (MW) listening was WBBM 780 kHz in Chicago. It was the fall of 1976; the station still has the all-news format that it had back then. What really got me hooked on shortwave was hearing the Radio Moscow relay on 600 kHz via Urbano Noris, Cuba (call sign CMKV). After 0500 UTC, the station went to "The Voice of Cuba", produced by Radio Havana Cuba. This was in the fall of 1980. Later that fall, I was using a Panasonic portable AM (MW)/FM radio with cassette recorder, and tuned above 1600 kHz to hear the image frequencies of stations like the Voice of America, Radio Canada International, WYFR and HCJB.

When I got to high school in the fall of 1981, I finally bought my first shortwave radio, a Realistic DX-60 (which I still have). I soon discovered stations like the BBC, AFRTS, Radio Netherlands, Deutsche Welle, Radio Japan, Radio Peking (now China Radio International) and Radio RSA (now Channel Africa). My first SW QSL came from WWV Fort Collins, CO in October 1981. I joined my first club in May 1982; that summer, I got a monitor call from the WDX Monitoring Service; I chose KDXØSTL as my call sign. "K" stood for the location of my shack (west of the Mississippi), "DX" for the WDX Monitoring Service, the number referring to Call Area 10 (the Zero area), and "STL" for St. Louis. The following year, I upgraded to a Realistic DX-200 (which has two cylinders; one for tuning and one for band spread). One DXer called it a "Kenwood R-300 in disguise". I started using it as my main shortwave receiver, before adding a Worcester Electronics Space Magnet 2 for AM broadcast band DX. I experimented with various antennas, starting with making

an antenna out of a hacksaw blade and speaker wire. That was how I heard the Voice of Nigeria on 15120 kHz in the fall of 1981 with the DX-60. I also used telephone wire, stretching 645 feet of stranded wire around my fence. It was a decent antenna for both shortwave and AM.

In 1982, I added a Realistic Patrolman CB-60 to my shack to monitor the local NOAA Weather Radio station KD089 on 162.550 MHz, as well as the aviation frequencies (I live just three miles from Lambert-St. Louis International Airport) and local first responders. I took up FM DXing in the summer of 1982, followed by TV DXing in the spring of 1983. In the fall of 1984, I received the monitor call KMOØCN from CRB Research. In the summer of 1985, I added a Realistic DX-400, which I used for shortwave DXing. I DXed from my original location in Hazelwood until the summer of 1988, when I moved to Woodstock, GA. There, I used another stretch of telephone wire (keeping the strands intact this time), and put it into the baseboards in my bedroom. I DXed from Woodstock (my QTH was less than a mile from the Cobb-Cherokee county line) until the summer of 1991, and spent the winter of 1991-92 on the Cobb County side of the line. When I returned to Hazelwood in the summer of 1992, I set up the shack at my present QTH, two blocks from my original QTH. I used my DX-200 until the tuning string broke on the top cylinder in the spring of 1994. The DX-400 was used until it finally went kaput in the spring of 1997.

In 1995, I bought a secondhand Sangean ATS-803A from local DXer Tony Jasper. In 1996, I installed an MFJ-1778 G5RV antenna in the attic for shortwave DXing. In October 1992, I got my Technician Class Amateur Radio license (call sign NØUIH) after passing one part of the Tech exam at the Zero Beaters Amateur Radio Club Hamfest in Washington, MO, and the second part at the St. Charles Hamfest in St. Charles, MO. I upgraded to General Class in June 2007. When I added an ICOM IC-745 HF transceiver in January 2010, I moved the MFJ-1778 to transmitting on Amateur Radio, while building a 150-foot dipole for shortwave listening and DXing. I have even had a shortwave converter in my car; I had an MFJ-306 hooked up to my car radio from 2002 to 2005. It's so sad that we have fewer choices for shortwave listening now than we did 30 years ago; it was due to this fact (coupled with my difficulty in obtaining a replacement unit) that I bought a Sirius Satellite Radio subscription in July 2007. While I haven't been keeping track of the number of shortwave radio stations I've heard since returning to Hazelwood, I have kept track of how many AM (MW), FM, TV (analog and digital) and NOAA Weather Radio stations I've heard using Microsoft Excel.

Today, my listening post includes the Sangean ATS-803A, which still works quite well for shortwave DXing, hooked to an MFJ-959C tuner/preamp and a 150-foot dipole. For AM (MW) broadcast band DXing, I use a General Electric Superadio III with the built-in ferrite rod, as well as a Realistic TM-152 AM Stereo tuner (C-QUAM format) and Grundig S350, both hooked to a Worcester Electronics Space Magnet II, an amplified ferrite rod antenna. For FM DXing, a Kenwood AR-304 AM (MW)/FM/FM Stereo receiver with selectivity filter modifications by FM Atlas' Bruce Elving, hooked to an Antenna Performance Specialties APS-9B nine-element FM yagi. The TV DX setup includes a 1984 vintage Samsung 19-inch color TV, a 1999 vintage Daewoo 13-inch color TV; both of which are hooked up to Zenith DTT-901 digital TV tuners. One of them is also hooked to a Hauppauge Win-TV-Go video card on my computer. As for recording my DX, I use either cassettes or the Magix Music Maker program. On the Amateur Radio bands, I usually work on the HF and VHF bands.

Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610
Many of you are probably familiar with the name Walter Brodowsky, TDF Group Short-Wave Project Leader and Key-Account & Product Manager Short-Wave, at Media Broadcast. Walter continues to provide verifications for the many "stations" using Media Broadcast

facilities. Without Walter's assistance, it would be very difficult to verify some of these interesting media combinations. Recently, Walter replied to me for Radio Sadaye Zindagi, which is a Bible Voice Broadcasting Network affiliate station. I sent him a thank you noted which elicited this response from him: "Many thanks for your kind appreciation. We always work very hard and try to keep everybody satisfied - as well the customers as well the listeners. Please contact also the MEDIA BROADCAST homepage, Internet: www.media-broadcast.com regularly, normally you always find the latest edition of our current transmission schedule."

Some nice QSL returns this month featuring Radio Verdad's promised postal reply from Guatemala. Included in the pile of stuff they sent was a nice oversized pennant; the type we use to see from Latin American stations all the time in "the good old days." It was a nice surprise considering how station pennants seems to be something from our radio past, not the present.

Here is this month's collection of QSL news. As noted above, Radio Sadaye Zindagi via Wertachtal verified an electronic report to Media Broadcast with an electronic reply from Walter Brodowsky, TDF Group Short-Wave Project Leader and Key-Account & Product-Manager Short-Wave. Walter indicated they were using a 250 kW transmitter in combination with a High gain curtain antenna system HR 4/4/0/5 from Wertachtal using an antenna azimuth of 90 degrees. This is a new broadcasting service from Bible Voice Broadcasting that commenced on 12th November 2010. The origin target area is Afghanistan and he mentioned it was amazing that I was able to pick up the back-beam of the signal in North America in such good quality. Radio Verdad verified an electronic report with a full data "2000-2009 9th Aniversario" microphone card indicating 50 watts from v/s Dr. Edgar Amilcar Madrid, Gerente. Dr. Madrid included a nice bumper sticker, station pennant, interesting and informative form letter, calendar and chart showing where they have been heard from May 3rd 2000 through November 20th 2010 (5 continents, 56 different countries, 4 Canadian provinces [but really 3 since he was counting Toronto as a province] and 35 USA states as well as Australia, Denmark, England, Germany and New Zealand. Dr. Madrid indicated that he is a 69 year old Guatemalan retired professor from a State University, a graduate from George Fox University at Newberg, OR in 1965 plus several academic degrees from Guatemalan State University and a Doctorate in Philosophical Theology from the Quaker Theological Seminary. He has enjoyed shortwave listening and electronics from childhood. He noted that I previously reported their signal in the year 2000. A couple of pirate verifications are next. Vanishing Hot Dog Radio verified an electronic report with an electronic attachment reply explaining the purpose of the station: "Earlier in this year, 2010, I heard a news report mentioning the hot dog industry were planning to reduce the size of America's hot dogs. I'm not much of a hot dog eater, so I'm unsure if they've been reduced." The Voice of Kaos verified seemingly immediately with a full data "French Creek DXpedition Broadcast" card indicating that the station "is not an international organization of evil". I am still not sure what to make of that station. Finally, WWCR verified an electronic report of their test transmission on 3,255 kHz with a full data "Special Test" card with image of final amplifier tube used in WWCR transmitters 4CV 100,000 C from v/s Phil Patton, Chief Engineer.

The anxiously awaited return to French Creek for the mid-December DXpedition finally arrived but instead of winter weather, we experienced unusually warm and very wet weather for Sunday's arrival. I was the first to arrive and unpacked in misty conditions. After unloading my gear, I began stringing antennas for the listening sessions. As I began the rain became steady making outdoor work a wet experience. Climbing the hill behind the cabin to string two antennas was a wet and slippery affair. Rocks covered in wet leaves don't make for good traction. Nevertheless, it has to be done. As I was trekking up the hill Dave Turnick arrived and shortly thereafter Ed Mauger. A few minutes later

we had three wet antenna installers. However, it was fun. Returning to the cabin gave me an opportunity to change into dry gear and make a cup of hot tea. The unseasonably mild weather made for somewhat noisy conditions as the rain steadily came down on the cabin.

Afternoon listening as reasonable with the Asia and Pacific region coming in well. As things wore on there was almost nothing audible from Latin America which was a big disappointment. A few North American pirates were logged as well as Armed Forces Network from Diego Garcia and Saddlebunch, FL. Listening conditions were fairly noisy as the unstable warm weather patterns made for a rough go of it. As the evening wore on, we were disappointed that our fourth, Rich Cuff, seemed to be missing in action. Several pirate entertained us during the evening listening period.

Early to rise but for nothing as Latin America and PNG, Indos and Indian station were complete busts. Disappointing! Nevertheless, a few things did percolate including many Chinese stations and a presumed log of Mongolia on 7260 kHz. Jordan was noted on 15290 with abrupt closedown and Voice of Indonesia with English at 1300 UTC occupied much of the morning session. The new Hamada Radio International via Wertachtal on 17485 essentially closed out my morning listening session.

When I returned after running the usual Monday errands, Dave was busy logging a bunch of assorted stuff. I tuned around noting another Radio Thailand outlet on 7570 kHz before settling in for some Horn of Africa music from Radio Ethiopia prior to its sign off. Around 2130 UTC Dave Turnick had to depart to literally catch a plane to Paris. Dave frequents Paris these days on business and on one occasion he unsuccessfully attempted to visit Radio France International. He believes he was turned away because they have never responded to any of his reception report! As the afternoon worn on, Ed began to notice longwave broadcast station openings on 162 kHz (Allouis, France) and 216 kHz (Roumoules, France). Noisy conditions persisted as the warm front gave way to a cold front.

While distributing the Flashesheet earlier in the day, I learned from an e-mail exchange with Rich Cuff that his plans had to change. That left just Ed and I for the banquet Monday evening. While I cooked up the traditional pasta, Ed experimented with some steaks as a replacement for the usual meatballs. Not a bad bargain and an interesting change from the usual fare around here. Things were somewhat quiet during the evening. Conditions appeared to be slightly less noisy. Hopefully, the final morning will bring some good DX opportunities.

Conditions began to improve as audio was heard where only hets were previously. Although far from a great morning it was good enough. Jordan put in a booming signal on 15290 kHz at 1200 UTC while Traxx FM on 7295 made for some easy listening; although Papua New Guinea remained quiet Latin stations were finally audible. The Pacific and Asian regions seemed to be the best targets throughout our stay but Africa would be a close second.

The weather was sunny, clear but cold. Taking down the antennas was a lot easier and much more comfortable than setting them up two days earlier. I always appreciate that little extra bit of detail. Four replies are better than no replies but still I wouldn't mind some "exciting" replies.

Results of the 2010 NASWA Survey

Well, you never know. Over the years stations and clubs have disappeared and the wonderful hobby of shortwave radio itself seems to be under assault. Try as we may, and for many reasons, NASWA has been unable to add many new members to our ranks and the Executive Council has been looking for ways to reverse that trend. A proposed solution is to produce a PDF version of The Journal to move the club into the relative area called "the future". Since most of our membership falls into the "senior" demographic, it seemed logical to do a survey to see how folks felt about a "computer" edition of The Journal. Hence the survey published in the November Journal.

Participation was disappointing (only 48 responses) but the results were interesting and tell us something about the NASWA population. Of course, almost all surveys have a major problem: the very topic of the survey can result in a heavily polarized response, and I expect that happened here, since the "paper only" responders usually wrote fairly long (and strong) comments, as did the PDF only folks. But let us assume that all the survey flaws are neutral and see how we feel about things NASWA.

1. Do you use your computer in the shortwave hobby? If yes, how do you use it?

This question was typically answered by the computer users in our group and went unanswered by the non-computer users. I feel the results, therefore, are non-conclusive but do give an indication of what the computer users are doing with their computers. Of those with computers, 85% responded "Yes" and only 15% responded "No". The overwhelming use of the computer was for checking schedules (35% of the responders), followed by reception report writing and tracking, researching stations, and email. A few of you indicated that you use your computer to actually listen to shortwave or to operate black box receivers.

2. If you use your computer, do you use the internet?

81% of the responders with computers use the internet; 19% do not.

3. If you use the internet, which hobby websites do you frequently use?

There were many responses to this question (holy cow there are a lotta web sites out there!). 20% of the respondents visit the NASWA site, and in descending order, the other sites frequently mentioned included: hard-core-dx, Universal Shortwave, ODXA, World of Radio, Eibi, Grove Enterprises, eham, flashsheet and the WRTH site. There were many single mentions and 18% responded with some form of "many."

4. Do you use dialup, DSL or cable for your computer connection?

48% of us use cable, 46% use DSL, 4% use dialup and 4% use the library.

5. Do you access and use other hobby PDF journals?

The remaining questions in the survey include both computer and non-computer members and therefore present a different view than what appears to be expressed in questions 1-4. Many of the non-computer responders left questions 1-4 blank but jumped in strongly with the remaining questions.

73% responded "No" and 27% responded "Yes." The journals most used by responders are DSWCI, MT and ODXA.

6. If NASWA produced an optional PDF version of the Journal, with lower dues, would you likely use it?

A very interesting response here in light of the answers to the other survey questions: we are evenly split at 50% "yes" and 50% "No."

7. In terms of your own personal use, would you prefer that it be a paper version of the Journal only, a PDF version only, or both versions of the Journal?

This question is the meat and potatoes of the survey and indicates that 50% prefer paper, 29% prefer PDF only, and 21% favor both. It was with this question that the most comments were received, both good and bad. Many of us use *The Journal* in our shack and feel a PDF version would not work as easily because of noise and other concerns; some of you were concerned about the personal cost of printing the pages needed in the shack. In a similar vein, many responded that they liked to carry *The Journal* around for lunch or bathroom reading. A number of you were concerned about formatting and its impact on ease of use (can you see a whole page or only a partial page, etc.). The heavy computer users had strong comments about not having a PDF version of *The Journal* and the non-computer users had strong comments about having a PDF version.

Summary: So what does it all mean? It looks like many of us use our computers for a wide variety of hobby-based things and would use a PDF version of the Journal if it was available; but, we prefer paper.

Personal: I very much enjoyed hearing from many of you—I even heard from an old graduate school friend (Hi, Jim) and an original member of the Old Dominion DX Association (Hi, Russ), two folks I have not seen in many a year. Many of you had very constructive and well thought out comments about how we could improve *The Journal*, as well as the hobby. If we could only channel all that good energy! Hearing from so many of you with such warm comments about NASWA underscores what I have always felt: when all is said and done, it is the people who are the real hobby, not the radio.

Thanks for taking the time and interest to respond to the survey.

NASWA Flashesheet

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 *Flashesheet* 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 *Flashesheet* 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 *Flashesheet* edited by **Mark Taylor**, markokpik@tds.net. The club's electronic *Flashesheet* 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.

Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Bob Montgomery** (Address: 86 Pumpkin Hill Road, Levittown, PA 19056). He will forward them to the appropriate editor. Remember, Bob also distributes QSL report information and totals for the **Scoreboard** column. He can also be reached through the Internet at: rmonty23@verizon.net.

International Broadcasting

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

The quickening shortwave fadeout

It was bad enough to lose Radio Sweden's shortwave broadcasts at the end of October, but then came the jarring news that Radio Slovakia would quit shortwave at the end of December, and Radio Prague the same at the close of January 2011.

And then even Greenland's KNR announced that it will leave medium wave and its short-wave relays on February 11, 2011. "At a point it was considered replacing the aging MW transmitters with one or two new SW AM-transmitters near Nuuk, but it was estimated that it would cost 4 million DKK (535.000 euro) to establish such a new SW operation. It was also felt that few listeners would invest in a SW receiver and the quality would be 'doubtful' — suffering from 'atmospheric phenomena,'" reported Denmark's radionyt.com. So how will Greenlandians (I have no idea if that's a word) in remote inland areas, or fishing far out at sea, get vital information if they must depend on FM and marine VHF, with their obvious limited range?

Heritage Foundation fellow resists shortwave shutdowns

With all the bad news about shortwave, shortwave as a medium for international broadcasting still has its supporters. One is Helle Dale, a Heritage Foundation Senior Fellow in Public Diplomacy studies. She wrote on November 15: "Despite the fact that the budget of the [U.S. Broadcasting Board of Governors] has increased significantly in recent years, the board has cited budget shortfalls for decisions to curtail short wave radio transmissions around the globe, focusing in stead [sic] on television (which is far more expensive to produce than radio) and Internet (which is far more vulnerable to interference). ... In early October, directions went out from the

VOA management that all shortwave transmissions on Voice of America (the flag ship of the U.S. international broadcasting complex) in several major world languages would be eliminated by October 31. ... The language services affected would be Mandarin, Spanish, French to Africa, and Indonesian. ... Considering that the BBG proposed in its 2010 budget shutting down the Greenville, South Carolina [sic], transmitting station (the last U.S. government owned short-wave transmitted on continental U.S. soil), one might well conclude that [budgetary planning at the BBG and VOA leaves a lot to be desired]. Thankfully, cooler heads seem to have prevailed for now. The decision ... was put on hold by VOA management on October 28, just days before the great silence would have set in. To eliminate short-wave radio (the vast preponderance of VOA radio transmissions) from the set of tools possessed by the U.S. government in its outreach to the world would be extraordinarily shortsighted."

Ms. Dale's backing for shortwave is tempered by the fact that she often gets her facts wrong, such as placing the VOA site in South rather than North Carolina. As for the proposed shutdowns, only VOA Vietnamese (keeping medium wave), Indonesian (keeping television and FM relays in Indonesia), Spanish (keeping TV and internet) would have gone off shortwave altogether. VOA Mandarin and French shortwave would have been reduced.

Of course, I'm torn on this issue. As a long-time shortwave listener and NASWA member, I'd like to keep hearing plenty of stations. As an international broadcasting audience researcher, I see the data that show audiences are migrating to other media for domestic and international news and entertainment — except where shortwave is the only useful medium.

On Voice of America Road, pedestrian is hit. Twice.

On the subject of Greenville, WITN-TV in Washington, N.C. reported that 24-year-old Jeremy Brown of Greenville was in stable condition after being hit by a pickup truck, and then five minutes later, being run over by another vehicle. This, of course, happened on Voice of America Road, named, presumably, for one or both of the VOA transmitting sites near Greenville.

Meanwhile, near the site of the old VOA Bethany, Ohio, transmitting station, a Smashburger restaurant has often, just across Cox Road from the Voice of America shopping center.

Aung San Suu Kyi's "emotional attachment" to shortwave

Shortly after her release from house arrest in November, Burmese opposition leader Aung San Suu Kyi told the *Times of London*: "I listened to the Burmese service on the BBC, VOA [Voice of America], RFA [Radio Free Asia], that was about five or six hours every day. It was a big chunk out of my day but I couldn't afford to miss it. Because any news I missed, I missed — no one was going to come in and fill the gaps for me."

And on what radio did she listen? Interviewed by the *Khaleej Times*: "Q: How is your devotion to your good old friend and companion in detention, the short-wave radio? I hear you heard about your winning the Nobel Prize on that radio. Suu Kyi: My devotion is very great but I have to admit I don't have as much time to listen to it as a month ago and I feel a bit guilty about that! Q: What brand is it? Suu Kyi: Grundig. Should I be advertising it like that (laughs)? OK, Grundig radios are very reliable. (Laughs again) Q: What is your emotional attachment to it?

Suu Kyi: My husband got it for me many years ago. It is almost as old as my years of detention."

Another development after he house arrest ended is that the Radio Free Asia Burmese service announced it would broadcast a weekly (on Wednesdays) question and answer program with Suu Kyi. My immediate reaction was that the VOA Burmese Service, archival to RFA Burmese, would be livid and would not let this stand. And, sure enough, within a week or so, VOA Burmese unveiled its own weekly (on Fridays) Q&A with Suu Kyi. In U.S. international broadcasting, the capacity for duplication of effort knows no limits.

Can text messages replace shortwave?

From FedBizOpps.gov: "The Broadcasting Board of Governors (BBG), Office of Contracts (CON) located in Washington, D.C. is conducting a market survey to determine the existence of sources having the capability of providing cell phone messaging services into the borders of closed societies that have placed severe restrictions on the use of internet and cell phone technology."

In other words, get the news in via text messages received on mobile phones. It's an attractive prospect, because nowadays, even in poor countries, mobile phones are ubiquitous. Certainly more so than shortwave radios. And text messaging is often as popular and voice conversations.

I'm an infrequent user of any mobile device. From research, however, I've learned that that mobile phone users can be annoyed by the reception of text messages that are 1) unsolicited, 2) solicited but arrive too often, or 3) incur costs. This medium must be used with care. When 3G devices become more common in more places, users can use their mobile web access to retrieve news more interactively.

Views expressed are my own. More at www.kimandrewelliott.com, posts to which can be followed" at twitter.com/kaedotcom.



Adrian Peterson's Diary

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

On the Air & Off the Air in Sweden

On this occasion, we call two international shortwave listeners, and they are Claes Englund in Sweden and Bruce White in Australia. In our recent mid year DX contest, both Claes and Bruce requested a Station Profile on radio broadcasting in Sweden. So gentlemen, here is your story, or at least Part 1 of your story, and we go way back to the very beginning.

Sweden is the southern or eastern country situated on the Scandinavian peninsula in Northern Europe. It is nearly 1,000 miles long, with a total population of a little less than 10 million.

The history of this Nordic country goes way back into the dim distant past, though the earliest written records were made by the Romans some 2,000 years ago. The daring exploits of the Vikings in their Atlantic conquests to the west and the south have been chronicled and re-chronicled, though it should be stated that the Swedish Vikings usually travelled east, spreading out into Russia.

Actually, as the old records tell us, wireless came very early to Sweden. It was back in the year 1900, that the Swedish navy borrowed some Marconi wireless equipment from the AEG company in Germany. This electrical equipment was used in a series of successful wireless tests at Stockholm, on land and at sea.

Two years later, the first permanent wireless station in Sweden was installed in Stockholm, and in fact it was in use for ship communication for exactly 100 years. This station was originally installed in the year 1902, it went through several series of modernizations, and it was ultimately closed on February 1, 2002. The long history of the Swedish coastal radio station SDJ

must be one of the longest terms of radio service anywhere in the world.

During the era of wireless telegraphy in Morse Code, a whole network of coastal and regional stations was established in Sweden. These stations were installed mainly at coastal locations throughout the country and each callsign was issued in consecutive order, beginning with SAA in Karlskrona, SAB in Gothenberg, SAC in Trällerborg, and so on down through the alphabet.

And again, as the old records tell us, radio broadcasting also came quite early to Sweden. The first amateur radio broadcasters began their experimental transmissions during the year 1922, and interestingly, the callsign for each of these stations during this era consisted of four letters of the alphabet, beginning with SA or SM. These days, a regional identification number is inserted into the amateur callsigns in Sweden.

It is stated that there were many local stations on the air in Sweden during the 1920s and these were operated by radio clubs, commercial organizations and individual operators, as well as by the government Royal Telegraph Administration. Music programs were on the air quite often from many of these longwave and mediumwave stations.

The Swedish government announced in 1924 that it planned on nationalizing the broadcasting industry, as in England, and on Thursday January 1 of the next year, 1925, the new organization, Radiotjanet, produced its first network broadcast. This epic radio occasion was a special program held in Jakob's Church Stockholm.

Back in the late 1920s, there was a total of 15 mediumwave stations scattered throughout Sweden, all of which were on the air

with the four letter callsigns beginning with either SA or SM. Over the years, a total of more than 100 mediumwave stations have been established throughout Sweden, mostly with quite low power, though half a dozen would be described as high power stations.

On longwave, as in many other countries of Europe, there were three high powered stations and these were located at Motala, Lulea and Gotheberg. However, Sweden abandoned the usage of longwave broadcasting in 1991.

The best known high powered mediumwave station in Sweden was located at Söderborg, and in the 1980s it was on the air with an evening relay of the Foreign Service for Europe at a power of 600 kW. This station on 1179 kHz was the last mediumwave station in Sweden and it was closed down on Saturday October 30, just a little over a month ago. All radio for local coverage in Sweden is now on FM.

We now take a look at Sweden on shortwave. Back in the mid 1930s, there were two shortwave stations on the air with program broadcasting. These two stations, both with amateur style callsigns, SM5SD and SM5SX, were located in Stockholm, and they were logged in the United States and Australia. Station SM5SX was installed at the Technical University and its operating channel was 15080 kHz.

With political tensions rising in Europe during the late 1930s, Sweden opted to enter the field of international shortwave broadcasting. The longwave station at Motala was inaugurated in the summer of 1927, and 10 years later, two Swedish made shortwave transmitters rated at 12 kW each were installed at this location. These two new units were inaugurated, one in 1938 and the other in 1939. Four different channel callsigns were in use for these shortwave units, SBO and SBU, and SBP and SBT.

The usage of these two historic shortwave transmitters was phased out after the higher powered shortwave stations were inaugurated at Horby and Karlsborg. In 1962, the longwave service at Motala was transferred to a new location at nearby Orlunda. Some 35 years later, the Motala building was turned into a radio museum, and the original longwave transmitter is now there on display.

After things settled down in Europe in the middle of last century, Sweden placed an order with the Marconi company in England for the purchase of two shortwave transmitters at 100 kW each. These two units were installed at the already existing radio station located at Horby which had been erected in 1928, and they were inaugurated in 1952.

Some 20 years later, two high powered shortwave transmitters rated at 500 kW each were installed at Horby. However, due to coronal arcing in the antenna system during foggy weather, the power level of these units was reduced to 350 kW.

At the same time as the shortwave facilities at Horby were increased, a similar project at Karlsborg took place. This station was originally established back in 1918 as a spark wireless communication facility. A 500 kW transmitter was installed in the 1970s, and the output of this unit was also reduced to 350 kW due to the coronal arcing problem in the antenna systems.

As we are aware, Sweden closed down its two shortwave stations, Horby and Karlsborg, and the one remaining mediumwave station at Söderborg, at the end of October. Nationwide coverage on radio in Sweden is now obtained with several networks of FM stations totaling anywhere up to 2,000 transmitters.

Over the years, there have been two additional radio stations of interest in Sweden. A large communication station known as

Goteborg Radio traces its earliest origins back to the year 1905. This station was progressively located at four different sites over the years, and it has been well known under the callsigns SAG and SAB.

The other interesting station is the old spark wireless station at Grimeton which was inaugurated in the 1920s by King Gustav V. The old long wave Alexanderson alternator is still functional, and it is placed on the air once each year under the callsign SAQ.

Radio Sweden was a prolific verifier of reception reports and we are aware of at least 50 different designs for their QSL cards. Like-

wise, many QSL cards have been issued for the old longwave transmitter SAQ, and for Goteborg Radio SAG and SAB.

We should also remember the long running DX program from Radio Sweden, "Sweden Calling DXers". The script for this program began with Arne Skoog in 1948, the program was taken over by the American George Wood in 1978, the name was changed to MediaScan a few years later, and the program ended in 2001.

This then, is the story of shortwave broadcasting in Sweden, running from 1938-2010.

Radio Panorama RP6: Early Electronic Inventions

When radio was finally invented a hundred years ago, the procedures were very dependent upon other inventions that had already been developed. In this feature item here in Wavescan today, we list half a dozen of these interdependent inventions.

First, we look at the telegraph, a procedure for distant communication whereby the messages were sent along a system of connecting wires. The well known Samuel Morse and his assistant, the almost equally well known Alfred Vail, began working on these matters in the year 1835.

A little more than two years later, on January 6, 1838, Morse and Vail successfully tested their new telegraph system at the Speedwell Iron Works in Morristown, New Jersey. One month later they gave a public demonstration of their new telegraph system at the Franklin Institute in Philadelphia, and six years later, they performed their now famous communication epic with a long distance transmission by wire between Washington, D.C. and Baltimore, Maryland. Their first message, you will remember, was a statement from the Bible, "What hath God wrought!"

These first messages were all sent in the familiar Morse Code with its system of dots and dashes, but how much better it would be, if voice communication could be developed.

A quarter of a century later, Alexander Bell and Elisha Gray were both working quite independently in the United States on the development of the telephone, and they both unknowingly lodged their patent applications on the same day. However, Bell's patent application was lodged a couple of hours ahead of Gray's application, and so the patent for the new telephone was awarded to Bell.

The first ever message by telephone was made by Alexander Graham Bell to Thomas Watson, his assistant, who was working in another room at the time. Bell asked Watson to "come here". Interestingly, the microphone in use for this first telephone is described as a liquid microphone; that is, a small container containing a weak solution of sulfuric acid with a small metal needle suspended into the liquid.

During the same year that Bell and Watson developed the telephone, another well

known inventor, Thomas Alva Edison, developed a carbon microphone that considerably improved the quality of the voice reproduction.

Soon afterwards, Edison went on to develop another significant radio invention, and this was the matter of voice and music recording. Initially, the recordings were made by wrapping tin foil around a cardboard cylinder. The needle at the end of the phonograph horn made indentations into the tin foil, thus recording the sound. However, each playing of the recording damaged the indentations, so that it could be used only a few times at the most. That was in the year 1877.

Eight years later, two other inventors, Chichester Bell and Charles Tainter, developed a wax coated cardboard cylinder that improved the quality of reproduction and could be played many more times before its usability was diminished.

Two years later again, a German migrant to the United States, Emile Berliner, developed the gramophone disc, a flat metal disc covered with shellac. The sound reproduction was greatly improved, and this style was easy to mass produce for sale to the public.

Next came the magnetic recording, and this procedure was developed in Denmark by Valdemar Poulsen around the turn of the century. His Telephone, as he called it, made a magnetic recording on a moving wire. The sound reproduction, even without electronic amplification, was more than adequate for headphones and for transmission over the telegraph wires.

At the occasion of the 1900 World's Fair in Paris, Poulsen recorded the voice of Emperor Franz Josef of Austria, and this is the world's oldest surviving magnetic recording.

The final invention that we look at today is the electric light bulb. During the latter part of the 1800s, many inventors were working on the development of an electric light bulb. This would replace the arc light that was very noisy, too bright, and very difficult to control.

Over in England, Sir Joseph Swan succeeded in manufacturing an electric light bulb that produced light with the glowing of a carbon filament in a vacuum inside a sealed glass container. Likewise, in the United States, Edison produced a similar light bulb with a carbon filament, though as he stated later, he tested 6,000 different variations in his attempts to do so.

In both England and the United States, carbon filament light bulbs went into production. However, a better product was taken into production, when William Davis Coolidge introduced the metal tungsten filament, which is still in use to this day.

Thus, we have investigated the development of half a dozen inventions from a hundred years ago that ultimately found their way into radio:-

- The telegraph system with interconnecting wires gave way to wireless.
- The telephone gave way to the microphone.
- The phonograph and the Telephone gave way to tape recordings and computerized recordings.
- The electric light bulb was developed into the radio tube, or valve; and after that, came the transistor. 

Shortwave Center

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

A Trip to All India Radio Highpower Transmitting Station, Delhi Khampur

By T.R.Rajeesh

All India Radio is one of the world's largest radio stations in the world. They have numerous SW transmitting sites throughout the Country for external service as well as for domestic broadcasting. The external service of All India Radio broadcasts via the transmitting sites at Dhodballapur-Bangalore (6x500 KW), Delhi-Khampur (7x250 KW), Aligarh (4x250 KW), Bambolim-Panaji(2x250KW), Guwahati (1x 50, 1x200 KW) Delhi Kingsway (2x100, 3x 50 KW), Mumbai(1x100 KW) and Gorakhpur(1x50 KW).

I had an opportunity to visit All India Radio Headquarters and also their High power transmitting station located at the swampy outskirts of Delhi on 28th April 2010. I have had the good company of Alokesha Gupta and Danish DX Friend, Anker Petersen for the trip. The former station Engineer of Delhi Khampur, Mr. V.Baleja is a very nice person and have good contacts with the many Shortwave Listeners throughout India. Baleja is a personal friend of Alokesha Gupta and upon his request Mr.Baleja, who is now working at another AIR station, arranged our visit after making necessary phone contacts with the AIR officials in charge.

After visiting All India Radio headquarters, we went to the Delhi Khampur transmitting Station by noon. It took more than half an hour journey to reach the Khampur station located 25 Kms away from New Delhi. On the way to the Khampur station, we saw the Delhi Kingsway transmitting site from the road. Now this 256 acre site is mainly used for transmitting programmes for national service as well as external services for South Asian neighbours.

We also saw the self radiating mast of AIR New Delhi MW transmitting station located

at Nangli which is capable on broadcasting on DRM mode.

The Delhi Khampur transmitting station is located in the large 630 acre swampy fields of Khampur village in Outer Delhi bordering Haryana. While approaching the transmitting station we could see the antenna towers and the curtain arrays from the road. Some photos of antenna masts were taken from the roadside, as we knew it is impossible to take photos inside, as photography is prohibited there.

When reached the station entrance in the highway, we informed the gatekeeper that we have an appointment with the station engineer. They let our car inside and soon find another large gate with armed guards. They asked about our visit and replied that we have an appointment with the Station Engineer Mrs. Sonilatha Saigal. We were asked to park our car outside and make necessary entries in the visit book. After the necessary formalities we were taken to the office premises where offices as well as transmitters are located. On the way to the office, we saw plenty of wildlife in the swampy field. The dancing peacocks, doves and storks welcomed us without any official formalities!

We met Mrs. Sonilatha Saigal, the Station Engineer in her office and she asked about the purpose of our visit and amazed to know that we were just SW hobbyists travelling so much distance to visit this transmitting site! Anker Petersen told her that the broadcast from this station can be heard quite well in Denmark and suggested that he could send monitoring reports once in two or three months. We asked whether the station used to receive reception reports directly, she replied that such reports are forwarded to the Frequency Management Division at New Delhi. So it is depending

upon the interest of Station Engineers and not a policy matter to verify directly from the transmitting stations of All India Radio. Many Dxers have received QSL letters directly from AIR Super Power transmitting station at Dhodballapur, Bangalore and High power transmitting station at Panaji, Goa in the recent years. The Station engineers having peculiar interest in knowing reception conditions of transmitting stations they are in charge and also who would like to build a listener friendly attitude, issue such personal verifications, on behalf of All India Radio!

After having tea with the Station Engineer took us to the Superintending Engineer, Mr.S.K.Agarwal, who is the chief of the station. The purpose of our visit is again enquired here and also asked what we are doing for our livelihood! He seemed satisfied about our interest after Anker handing over the copy of Tropical Bands Monitor print out, which is prepared with the assistance of Dxers worldwide. He directed the Station Engineer to show us the transmitters and antenna field. We saw the old and new transmitters and the Assistant Engineers in charge of Particular transmitters informed the operation of those transmitters. We took a long time at the new DRM transmitter and they explained everything about it! Outside the office premises we watched the antenna towers and vast curtain arrays of the transmitting station.

The Delhi Khampur station has staff strength of around 200 employees with 50 Engineers and technicians. Khampur station houses 7 x 250 KW SW transmitters and 36 antenna masts and 49 curtain arrays. A special power substation is constructed for supplying electricity to transmitting station with electrical engineers deputed for full time service.

History of Khampur Station

The Delhi Khampur transmitting site was established on 1st Jan, 1959, the first transmitter to be installed here was a 100 kW Marconi, which was later sold as scrap.

Two 20 kW AWA units were installed in 1962. During 1965 four more transmitters were installed, two of 50 kW & 100 kW all made by STC (State Trade Corporation) of Australia. A modernisation plan was undertaken to transform Khampur into an external services transmission facility. Transmitters are placed in an oblong but spacious antenna switching hall. All the AWA and STC transmitters are now retired from service.

In 1989 the two 250 KW Brown Boveri transmitters were commissioned exclusively for the external services. Two new modern Continental Electronics units were installed in June 2000. During 2002 three 250 KW Thomcast transmitters commissioned for external service which converted Khampur to the second largest transmitting station of All India Radio after Bangalore.

The Delhi Khampur transmitting station celebrated its 50th anniversary in 2009 with the participation of the listeners and engineering staff.

Recent Developments

Digital Radio Mondiale or DRM is the new trend in SW broadcasting. Digital Radio Mondiale (DRM) is the digital broadcasting system for the broadcasting bands below 30MHz (Long, medium and short wave). DRM has near-FM sound quality plus the ease-of-use that comes from digital transmissions, combined with long range and low power consumption.

Just like the major SW broadcasters, All India Radio also introduced DRM transmission on Shortwave. It is from this site AIR is testing DRM broadcast for Domestic and External Services. A 250 KW Thales/Thomcast transmitter is converted to DSB/DRM capable one. According to the Station Engineer they use only 55 KW output for both domestic transmission on 6100 kHz and for 9950 kHz for external service to Europe. The domestic transmission is monitored inside the transmitting station with a Chinese manufactured Himalaya DRM receiver.

We completed the station tour by evening and took some photos in front of the Khampur Station gate and proceeded towards New Delhi, where Alokesha arranged an excellent Dinner and DXers meet, made that evening much colourful and shall remain in our memory forever.

Some General Overseas frequencies originating from Delhi-Khampur station is given below for those who like to monitor the station. 1000-1100 UTC on 17510 kHz, 1330-1500 UTC on 11620 kHz, 1745-1945 UTC on 7410, 9950(DRM) kHz, 2045-2230 on 9950(DRM) kHz, 2245-0045 kHz on 11645 kHz

Reception reports and monitoring observations for AIR Delhi Khampur Station may

be directly mailed to:

ALL INDIA RADIO HIGH POWER TRANSMITTING STATION
KHAMPUR, G.T. KARNAL ROAD,
DELHI - 110036

Tel. No. +91-11-27202687, 27205029

E-mail: ska_air@yahoo.com

(This article is made possible through the assistance of Alokesha Gupta, who provided transmitter related information, photos and support and to my DX Friend Anker Petersen who provided photos and also invited me to New Delhi for a face to face meet)

Dushanbe Transmitter Site and others

By James W. Young, Wrightwood, CA

[Originally appeared in NASWA Yahoo Group]

I have researched the transmitter sites at Tashkent, Uzbekistan; Dushanbe, Tajikistan; Yangiyul, Uzbekistan; Bishkek, Kyrgyzstan. I was unable to find reference to another Yangiyul (Jangijul or Jangi Yul) anywhere but southwest of Tashkent in Uzbekistan.

Both Dushanbe and Tashkent have extensive tower structures over a very large area. The Dushanbe site was measured at about 210 acres. Both have what appear to be building complexes, which run between two main tower lines (that run NE to SW).

The Dushanbe site has 11 towers not in a perfect straight line south of the complex, and 15 slightly shorter towers north of the complex, also not in a perfect straight line. The tallest towers are in the south line, approximately 200 feet tall, with a base dimension of 45 feet, and all are self supporting. The south towers have a 40 foot cross-bar at the top, but the north line of towers are slightly different, with base dimensions of 30-35 feet, and shorter cross-bars at their tops. The south line is about 3500 feet long, the north line around 3600

feet. The two lines of towers are about 1400 feet apart, running parallel to each other. On the east side of the south tower line, there are four other similar towers (self supporting) in a NW to SE line.

Four separate towers of 240 feet are at the southwest corner, and are guyed, and definitely appear to be not part of the lines of towers. There also appears to be a second patterned set of six ~100 foot guyed towers at the east edge of the site.

The entire area seems to be on a flat hill, and looking at the entire area, I was able to count 43 additional guyed towers, and most appear to be somewhere around 100 feet, with several just to the north of the site. <http://wikimapia.org/#lat=38.488154&lon=68.8147491&z=14&l=0&m=b>

Reasonable dimensions were possible with the TerraServer I use (subscription service), allowing for geographical coordinates, surface areas (I choose acres), and feet for distances used in part based on estimates of tower shadows using time of day, the day/month of the year, and the latitude of the Dushanbe site. Google Earth, Maps, and Terra Server use aerial photography from around 40,000 feet, with current resolutions of 0.6 meters. I also selected different shots

taken at different times of the year/hour of the day/viewing angle from the plane, so as to determine the tower lines were, in fact, not lined up straight.

The complex at Bishkek is about 270 acres, and has only guyed towers; three in a pattern at the SW corner, and one that could be 300+ feet tall to the east, but this looks more like what a TV tower.

I searched the entire Yangiyul area for over an hour, and found what could be an antenna complex, but it does not appear like the other three complexes at all. Nothing else could be found here.

- Dushanbe: North 38° 29' 00", East 68° 48' 38"
- Tashkent: North 41° 13' 00", East 69° 08' 47"
- Bishkek: North 42° 52' 50", East 74° 59' 30"
- Yangiyul: North 41° 09' 30", East 69° 08' 47" (This may not be a (Jangijul) SWBC antenna site!)

References: Google Maps, Google Earth (also using the oblique view), and TerraServer.com. (subscription) site. The Times World Atlas, National Geographic Atlas, The Bri-

tannica Atlas, Rand McNally International Atlas, Reader's Digest Atlas, Hammond Atlas of the World, WRTH 2010, Wikipedia (Internet).

Thanks to Dan Ferguson's information, I found the Orzu site, which is far greater in size and scope than the Dushanbe or Tashkent sites I described earlier. This site appears to be about 1400 acres (VOA Delano, CA is on a full section of land; 640 acres).

One can see a tall large guyed tower on the northwest corner, and another shorter one on the north presumably for their 702 kHz 150 kW, and 972 kHz 500 kW transmitters. Both appear to have extensive radial systems, and by counting the spoke terrain ridges, they number somewhere around 80 wires. This site is centered at:

North 37° 31' 44"

East 68° 47' 57"

The central to south part of the Orzu site appears to be for SWBC, with lots of well-laid out (straight) tower lines, unlike the slightly irregular ones at the Dushanbe site.

I have also located a place called Yangiyul, some 100 miles SSW of Dushanbe, but only so named on the Google Earth/Maps systems.

Receiver Review: Kaito KA1107

Reviewed by David Crystal, Israel

[From World DX Club's December Contact]

Cinderella in its box of fun — that is the Kaito KA1107 analog receiver. I found it in the catalog of Universal Radio about four years ago. It reminded me of the Sony ICF-7600A. It is dual conversion. Fred Osterman thought it could not be good, because the Sony ICF-7600A was priced at \$120 in its time, and the base price of the Kaito KA1107 is only \$50. Fred Osterman was willing to send me the Kaito KA1107 as a gift already back then.

Passport to World Band Radio never reviewed the Kaito KA1107. Simply because it was analog. Digital junk was included instead.

Recently, I asked for and received a Kaito KA1107. Fred Osterman refused to send it surface and airmail postage was \$33. All a gift, at his expense. My Sony ICF-7600A and my Sangean SG-789L are both in bad condition, my fault. I was looking for the cheapest radio that would inspire a person to become a short wave listener. I have found it.

Cinderella's box has the same picture on top and bottom, so you have to be very careful when figuring out how to open it. The pic-

ture of Cinderella on the box is much smaller than actual size. In the current Universal Radio catalog, 2010A, the picture of Cinderella gives the impression that it is very small. In fact, Cinderella is bigger than the Kaito KA1121. And yet, Cinderella is very light — 280 grams plus four AA batteries. The Universal Radio people pasted their order number on Cinderella's box. This was an affront to her dignity. They don't do this to receivers they respect. Some silly things are printed on the box — no matter.

Cinderella's box is made of very strong cardboard. When Universal Radio sells a used receiver, the price is \$10 higher when the original box is included.

Inside the box is a tray, with most of the stuff. Remove the tray, and underneath you will find the pouch and the instruction booklet.

The pouch is made of genuine velvet cloth with two drawstrings. The instruction booklet is okay for beginners. The telescopic antenna is long and light and does not flop over. There is a flip out back rest. The cover of the batteries is attached to the receiver. The tuning knob has no slack - turn the knob even a little, and the received frequency changes. Knobs do not rub against the cabinet. Change bands with a rotary knob on the side. Cinderella seems to be sturdily built.

Cinderella operates on the principle, you decide how much RF input to supply. There is a sensitivity switch with three positions. You can use the telescopic antenna, it is quite effective, or an external antenna or both together. Too little signal leaves you dead, too much and you have overload.

On medium wave, using the internal antenna, Cinderella gives the most directional reception I have met. During most of the day, I have BBC World Service with 200 kilowatts from Cyprus. Easy to receive on a cheap transistor. With Cinderella in one direction, no BBC WS at all. Turn Cinderella 90 degrees, wonderful reception of BBC WS.

The AC adaptor is of course 120 volts 60 cycles. I use it with a transformer. It makes the electricity line into an antenna. My

Sony ICF-7600D does the same, but not to the same extent. The AC adaptor is UL, meaning good.

The supplied external antenna is too short to extend outside. When I use it together with the AC adaptor, I don't need the telescopic antenna and I don't need to manipulate the sensitivity switch very often. This supplied antenna is interesting. It looks like a simple insulated wire. Its connector is stereo. Its end is odd. I feel it is coaxial. I dream of a ground wire. I have not tried anything yet. No explanation in the instruction booklet.

This receiver receives just about any AM station, just as well as far more "respectable" equipment.

The dial is sometimes not easy to read. Alternate bands have numbers in white or in green. The green numbers are not easy to read in poor lighting. There is illumination of the dial, and it floodlights almost everything, but not the indicator of the band in use. This is a red dot in a well. The well is totally dark with the illumination.

The extreme directional reception on medium wave happened only once. Reception on medium wave uses the internal ferrite antenna alone. Sensitivity on medium wave is very good, even with the sensitivity switch at its lowest position. This is not true of the Sony ICF-SW77.

Frequency coverage: The 19 meters band ends at 15690 kHz. This leaves out Radio Netherlands.

On 27 October 2010 I wanted to hear Radio Taiwan International on 13840 kHz at 1600-1700 UTC. Propagation was strange with Cinderella, I could not get rid of a loud tone. My AOR AR7030 gave good reception, only slightly sick. My Sony ICF-SW77 displayed brisk, deep fades. I got the best reception with my Sony ICF-7600D with a short outdoor antenna. We are not taught about strange propagation, we just experience it. So I would not disown Cinderella because of this case.

Sometimes, my hand on the telescopic antenna helps Cinderella.

Frequency readout is only within 20 kHz. That's why you have a millimeter dial scale on the side. Let's say you have tuned in a good station, and you want to return to it. Write down its position of the dial scale. Return to that position, and you will be very close to your station.

Cinderella is stable. A small tweak of the tuning knob after a quarter hour. Tuning is sharp. Sound is good. If you want to use Ni-MH batteries, there is a charge switch. I don't use them.

No S-meter, but the single LED is a help. And that's not all. The front panel shows you how you have set the volume knob. This helps to determine signal strength. You can make useful reception reports with Cinderella.

No presets and no single side band. There is no line out jack for recording.

Cinderella seems to be robust, both mechanically and electrically. When I use Cinderella, I feel like a DXer. I feel good.

All India Radio tender notice for DRM transmitters

by Andy Sennitt, Radio Netherlands Media Network

India's public service broadcaster All India Radio (AIR) is putting into practice its plans for digitalisation of radio and has placed a global tender notice for the procurement of several DRM digital transmitters. AIR has invited bids for the supply of 34 new mediumwave transmitters, for the upgrade of 36 mediumwave transmitters and purchase of 5 shortwave transmitters and other associated equipment. The Research Department of AIR is also going ahead with the purchase of a 500 watt DRM shortwave transmitter for conducting trials on 26 MHz DRM transmissions for local coverage. The details of the tender advertisement can be found on the official AIR website. This procurement process is the start of the AIR's digitalisation plan of ensuring DRM Digital radio coverage for the entire country, thereby providing better and more robust radio services to listeners.

Earlier this year, AIR had placed orders for the purchase of two 1000 kW DRM-capable transmitters which are now being made ready for inspection and delivery. These mediumwave transmitters can be operated in DRM mode, in analogue or in simulcast mode and provide coverage to very large areas in the Indian subcontinent. The transmitters have been manufactured by [NASB associate member] Thomson Broadcast & Multimedia, A.G. And recently All India Radio has also confirmed the purchase of 6 mobile DRM transmitters of 10 KW each which are AM/DRM ready. These containerized transmitters are meant to be used in disaster management cases as they can be easily transported to the affected areas by air/rail/road. A 60 metre mediumwave mobile mast goes in another container which can be easily erected together with the transmitter to start broadcasting as and when required. These transmitters are being supplied by M/S Riz, Croatia.

(Source: DRM Consortium)

New DRM Broadcast Users Guide

Charlie Jacobson of NASB associate member HCJB advises: "In case you haven't seen it, the new DRM Broadcaster's User Guide is now available as a PDF download on the DRM

website (www.drm.org). It is significantly revised from the original Broadcast's User Manual. It is a good overview of the system and its application."

Interest in Digital Radio continues to grow in Russia

from DRM Consortium

DRM has been under the spotlight again in Russia. The International Symposium on Digital Radio that took place recently in Sochi, on the Black Sea (October 6th-8th), attracted an international audience of over 70 participants. The event proved to be a good opportunity to demonstrate the benefits of DRM and digital radio in general.

The symposium began with the Ministry of Communications representative, Alexander Gorodnikov giving a presentation on the legal issues of DRM in Russia. This was followed by a view of the commercial perspectives of DRM from RTRN Deputy Director, Victor Goregliad. DRM Steering Board Member, Rashel Staviskaia (Voice of

Russia) then updated the audience with all the latest DRM developments and news. She explained about the DRM initiatives in Russia and also highlighted some of the other major DRM projects going on around the world. She also showed the DRM video in Russian: <http://www.youtube.com/user/drmdigitalradio>. DRM members RFmondial (Yuri Vatis) and Harris Corporation (Maxim Sverdlov), also attended and gave technical presentations on DRM30 and DRM+. Rashel Staviskaia said "This symposium proved that there is growing interest in DRM in Russia. Participants from all over Russia positively welcomed the latest developments of DRM and the audience was particularly excited to be able to listen to the three day long live DRM transmission from Krasnodar (over 200 km away) on a Himalaya radio."

New DRM application launched at IBC Exhibition

from DRM Consortium

The three DRM events featured at this year's IBC attracted over 200 participants and generated unprecedented interest. Diveemo, the new small scale video service for DRM, was undoubtedly the star of the DRM show,

with the Thomson team able to demonstrate BBC content broadcast live to a Uniwave receiver. The DRM events at the Transradio and Nautel stands also drew in large numbers of interested people, where they could also watch the new DRM video.

Shortwave Airtime for Northern Europe

Roy Sandgren of Broadcast Invest Ltd. writes: "We have 2 x 350 kW SW transmitters available and one 600 kW AM (can go down to 300 kW) available for broadcasting all over Scandinavia, the Baltic, Russia, Poland, Germany, Denmark, Benelux and England. They are available evenings on AM, but SW

00.00-2400. The site is Hörby and Söderborg, Sweden. Probably we going to run these stations as community radio organisations, but it is unknown which system of ownership will be the best." (Roy Sandgren, Malmö, Sweden, scandinavia603@hotmail.com) 

Listener's Notebook

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

Times are UTC and frequencies in kHz.

Closing out 2010 were announcements from three shortwave radio countries about their departure from the international shortwave bands. Not the best way to begin a new year of shortwave listening. The culprits are: the Czech Republic (closedown January 31st), Greenland (closedown February 11th), and Slovakia (December 31st). See the gruesome detail below. There was one piece of good news, the reactivation of Radio Zambia.

ANDAMAN ISLANDS 4760 1725 *AIR Port Blair* with Indian music 21/11. At 1729:45 woman annncr identified music and station ident "Akashvani Port Blair" to closedown. Poor to fair signal. (Bryan Clark-NZ/NZRDXL)

ARGENTINA 15344.88v, *R. Nacional*, 2259-0047, Nov 28-29. Fútbol coverage in Spanish; after 0030 noted IDs for the regional station "Radio Nacional Santa Fe"; 0032 reading out numbers (sounded maybe like a lotto?); mostly fair. R. Nacional Santa Fe has been relayed for many years now; at least as far back as 2006. It is routinely heard late Sunday/early Monday (UT). Have not heard it at any other time. ID at <<http://www.mediafire.com/?hy5a1u1058owust>>. (Howard-CA/NASWA Yahoo Group)

AUSTRIA *Radio Austria International* schedule is now Europe 0600-0715 Monday to Friday, 0600-0710 Saturday and Sunday on 6155; North America 0030-0100 on 7325; Central America 0000-0030 on 7325; South America 0100-0130 on 9840; Asia/Australasia 1300-1330 on 17855, all these four broadcasts are Monday to Saturday. (Station website/WDXC)

BELARUS Eike Bierwirth's online list shows the 5kw outlets as 0300-0200 rather than 0300-2000. Regional programming is 6010 and 6070 *Radio Brest* 1600-1700 Monday to Saturday, 6040 and 7280 *Radio Hrodna* 1600-1700 Monday to Friday, 6190 *Radio Mahiliou* 1600-1700 Monday to Friday, 7235 *Radio Stalitsa* 1600-1700 Monday to Friday. (Mike Barraclough/WDXC)

BHUTAN 6035, *Bhutan Broadcasting Service*, Sangaygang, 0040-0100, Nov 21, beautiful traditional songs, 25322. (Cássio). I tried it 0045-0135, Nov 29, but was unable to hear the station. (Petersen/DX Window) I

heard for two days R Bhutan (Nov 21 and 22) as I informed you (listen to the audio clip of SW reception on 6035 here and then live audio from the website of BBS). After this no more heard on SW. (Cássio, Dec 02). I listened to the audio clip and can recognize the Bhutanese song from my visit there. It is definitely this station! So it means that they probably have had the engineer from India in Bhutan to repair the transmitter and we may expect regular transmissions soon! (Petersen/DX Window)

BOLIVIA I also want to give a heads up to all the DXers that I am building a 5 kilowatt transmitter and antenna system for Bolivia. It will be on 6055. I should be done with the transmitter by December 22nd, and the antenna by December 30th. The transmitter will take about 3 weeks to clear customs, then I will go down to start building the station. Should start testing on the air by January 7, 2011. Glenn, I have lost all of the e-mail addresses in my address book, so if some of the DXers I was in communications with could e-mail me their addresses, I would appreciate it. Thanks for a great website Glenn, and a special thanks to all the DXers that post the loggings, and send me reports. You guys are appreciated more than you know, here in the broadcast industry. (Jamie Labadia, Nov 19, DXLD) Listed in Bolivia on 6055 (or 6054 varied), is *Radio Cultural Juan XXIII*, San Ignacio de Velasco. Is that the one, or do you mean a totally different/new station on that frequency? (Glenn to Jamie, via DXLD/Shortwave Bulletin)

6025, *R Patria Nueva*, La Paz, 0352-0402, Dec 08, Spanish romantic, Latin music, Spanish talks, flute music "Radio Patria Nueva", www.radiopatrianueva.com, gracias por hacer nos acompañadoh, weak, 23422. (Otávio/DX Window)

6134.81, *R. Santa Cruz*. 0913, convenient ID t/in, then talk with "onda corta" and second ID. Then promo for upcoming news bulletin, mensajes, and eventually into huaynos. About the strongest I have ever heard them, at S9+40dB. So good, I just left them on as "background music" for awhile. 4/11. (Sharp/ARDXC)

BRAZIL 4754.86, *R Imaculada Conceição*, Campo Grande, MS, 2340-0550, Dec 01, 05, 08, 10 and 11, songs by choir followed by religious talk by man and woman, male priest preaching and singing in Portuguese,

"2 horas y 9 minutos", female: "Radio Maria", 0015 "Santa Maria....Ave Maria" religious program, 35333. (Cody, Méndez, Petersen and Wilkner/DX Window)

4915, **R Daqui**, Goiânia, GO, new schedule monitored: 0800-2200, 11830: 0800-2000. (Cássio, Dec 02). Please note that this region of Brazil at present has Daylight Saving time. (Ed). Heard late at 2206-2215, Dec 09, Brazilian songs, ID: "A Rádio Daqui", 24322. (Méndez/DX Window)

4915, **R Difusora**, Macapá, AP, 0254-0621, Nov 12 and 28, Dec 01, Portuguese ID: "Radio Difusora, Macapá, 74 anos com você, Difusora, a melhor programação", "Difusora AM", nice romantic songs, adv, 34433. (Bernardini, Beryozkin and Méndez/DX Window)

6010, **R Inconfidencia**, Belo Horizonte, MG, 0049, Dec 04, old Brazilian songs, weather and time in Portuguese, jingles, good. (Bell). Also heard at 0531-0750, Dec 10, Portuguese comments. At 0735: "um saúdo, Inconfidencia de Radio", Brazilian songs. Interference from R Habana Cuba on the same frequency, 12321. (Méndez/DX Window)

6070, **R Capital**, Rio de Janeiro, RJ, 2129, Nov 20, high intensity pastor and crowd interaction in Portuguese, fair // 6060 and 9565. (Bell/DX Window)

9550, **R Boa Vontade**, Porto Alegre, RS, 2305, Nov 19, Portuguese IDs as "Super Radio Boa Vontade", various frequencies, jingles, good. (Bell/DX Window)

9695.8, **R Rio Mar**, Manaus, AM, *0955-1020, Nov 23, 24 and 27, opening ID in Portuguese: "Radio Rio Mar, e melhor programação, Radio Rio Mar, 5 horas 57 minutos", advs, at 1000: "Radio Rio Mar, 1290 AM, ondas curtas, 9695 kHz, 6160 kHz, Radio Rio Mar, Manaus, Amazonas, Brasil", "Radio Rio Mar informa", news about Brazil, Brazilian songs, ID: "Radio Rio Mar, Manus, Amazonas, Brasil", 24322. (Méndez). Also heard at 2045, Nov 27, sport event live, male speaker in Portuguese, no positive ID, fair. (D'Amico/DX Window)

9695.8, **Radio Rio Mar**, Manaus, 1010-1020, 28-11, Brazilian songs, identification by male: "6 horas y 13 minutos, Radio Rio Mar". 24322. (Méndez/EDXP)

11735, **Radio Transmundial**, Santa María, 0900-0910, 19-12, Portuguese, religious, male, id.: "Ondas curtas, 25 metros, 11735 kHz, 31 metros, 9530 kHz, 49 metros, 5965

kHz, Radio Transmundial, transmitindo desde Santa María, Rio Grande do Sul, Radio Santa María, a radio que está coa palabra". 34433. (Méndez/EDXP)

15190, **Radio Inconfidencia**, Belo Horizonte, 1330-1350, 01-12, Portuguese, soccer comments, "Aqui em Bello Horizonte o Cruzeiro", "Inconfidencia, 11 y 36 minutos en Bello Horizonte", "Inconfidencia, a rádio de todos os esportes Also listened 1101-1230, 05-12, advertisements, male, comments, Brazilian songs, at 1130 identification: "Inconfidencia, o Gigante do Ar", "A musica popular brasileira". At 1221: "A rede Inconfidencia está a presentar, Vivir en Companhia". 34433 and at moments 44444. 15190, Radio Inconfidencia, Bello Horizonte, 0815-0835, 10-12, Portuguese, advertisements, male, program: "Trem Caipira, na rede inconfidencia de radio, moi bom dia para todo Brasil", program presented by Mucio Bolivar, "noso e-mail: muciobolivar@inconfidencia.com.br", "6 y 19". 33433. Also listened 1355-1410, 10-12, with sport program: "Inconfidencia, a radio de todos os esportes", identification at 1401: "Onda media, 890 kHz, ondas curtas, 49 metros, 6010 kHz, 19 metros, 15190 kHz, emisora da Rede Inconfidencia de Radio, Bello Horizonte, Minas Gerais, Brasil". 24322. QSL received: 15190, Radio Inconfidencia, Belo Horizonte. I have received a snail mail QSL card from this station with full data, after I send a reception report via e-mail to the station. The report was sent October 16 and the reply arrived December 10. V/S Marcus Starling, Technical Director of the Station. E-mail: directoria@inconfidencia.com.br; Postal address: Radio Inconfidencia, Av. Raja Gabaglia, 1666 - Luxemburgo, Belo Horizonte - Minas Gerais - Brasil - Cep: 30441-194. (Méndez/EDXP) 15190, R Inconfidencia, Belo Horizonte, MG, 0815-1410, Dec 06 and 10, Portuguese, adv, program: gTrem Caipira, na rede inconfidencia de radio, moi bom dia para todo Brasilh, program presented by Mucio Bolivar, g n o s o e - m a i l : muciobolivar@inconfidencia.com.brg, 96 y 19h, at 0902: gOnda media, 1290 kHz, ondas curtas, 49 metros, 6010 kHz, 19 metros, 15190 kHz, Inconfidência, emisora da rede Inconfidência de Radio, Belo Horizonte, Minas Gerais, Brasilh, sport program: gInconfidencia, a radio de todos os esportesh, ID at 1401: gOnda media, 890 kHz, ondas curtas, 49 metros, 6010 kHz, 19 metros, 15190 kHz, emisora da Rede Inconfidencia de Rádio, Belo Horizonte, Minas Gerais, Brasilh, 33433- 24322. (Méndez and Mille/DX Window)

BULGARIA Winter B-10 English schedule of *Radio Bulgaria* from Oct. 31, 2010 to March 27, 2011 e-mail: english@bnr.bg

0000-0100 on 5900 PLD to NAM
0000-0100 on 7400 PLD to NAM
0300-0400 on 5900 PLD to NAM
0300-0400 on 7400 PLD to NAM
0730-0800 on 5900 PLD to WEu
0730-0800 on 7400 PLD to WEu
1830-1900 on 6200 PLD to WEu
1830-1900 on 7400 PLD to WEu
1830-1900 on 9700 SOF to WEu DRM
2200-2300 on 6200 PLD to WEu
2200-2300 on 7400 PLD to WEu (Station Direct)

CENTRAL AFRICAN REPUBLIC People in the C.A.R., a country about the size of Texas, depend on radio broadcasts to keep informed. Almost every village has a radio, and some have more than one. The sets are affordable, costing as little as US\$6, usually coming from countries such as Nigeria and Niger. The radios typically have FM, shortwave and medium-wave bands. Until 2005 there were only six private FM stations and one governmental shortwave station in this country where villagers have a life expectancy of just 44 years. It was then that Integrated Community Development International (ICDI), a partner of HCJB Global, was granted permission to open the country's first privately owned shortwave radio station, *Radio ICDI*.

In early 2006 the ministry acquired an eight-acre tract of land on the plateau above the town of Boali. A year later a team from HCJB Global Technology Center in Elkhart, Ind., spent three weeks at the broadcast site, installed the first shortwave radio station. They also put in two satellite downlinks that provided access to the Internet and made it possible to receive French language Christian programming from Trans World Radio, another HCJB Global partner. Recently HCJB Global engineers returned to C.A.R. to put in two additional regional shortwave radio stations in Boali, similar to the station installed in 2007. One of the new stations will help extend the broadcast hours of the existing ICDI station into the nighttime. Each station only works well during a portion of each day because of how shortwave signals travel through the atmosphere.

The new ICDI radio stations will provide more programming opportunities for broadcasting the gospel across C.A.R. in Sango (the country's trade language), French and various tribal dialects. Additional hours will also increase the

opportunity to air more community development programs on AIDS prevention, orphan care, well-water repair programs and many other relevant humanitarian topics. (Jean Muehlfelt, HCJB Global/NASB Newsletter)

CHILE B-10 for *Voz Crista La Voz* via Santiago-Calera de Tango:
Portuguese to Brasil
1800-2000 17860 DRM

German to Brasil
2300-2400 9835

Spanish to Northern South America
1100-1200 9780 till March 12
1200-0100 17680 from March 13 1200-0200 same

Spanish to Southern South America
1100-0100 9635 from March 13 1200-0200 same
(R Bulgaria DX Mix News, Ivo Ivanov, via wwdx BC-DX TopNews Dec 13)

CHINA 4220, China, *PBS Qinghai*, Xining. Nov 21 0012-0022 Tibetan (listed) male and female talks, short music as a bridge, male and female announcements. Very weak, 25222. (Lúcio Otávio Bobrowiec, Embu SP Brasil/Wilkner-DXplorer)

4330, China, *PBS Xinjiang*, Urumqi. Nov 21 0022-0032 Kazakh (listed) male and female talks, male on music sounding like ads, a kind of Chinese folk music, time pip, male and female announcements. Progressive enhancement, 35222. (Lúcio Otávio Bobrowiec, Embu SP Brasil/Wilkner-DXplorer)

4940, *Voice of Strait*, 1530, Dec 12. Start of the Sunday only program in English "Focus on China"; faintly heard ID ("This is the Voice of Strait, Fuzhou, China") far underneath a much stronger AIR Guwahati (AIR news in English); mostly unusable; checked at 1556 to hear Chinese, so today was just a 25 minute program. (Howard-CA/NASWA Yahoo Group)

7105, *Nei Menggu PBS*, Hohhot, Nei Menggu, 2200-2220, Nov 17, Chinese talks by two men. It seems that there was another Chinese speaking station under the frequency, containing short music pieces and female talks. Sound of Hope, Taiwan? 44444. (Bredahl Jorgensen/DX Window)

CLANDESTINE 3970.04, *Voice of Iranian Kurdistan*, Salah Al-Din, Northern Iraq, *0226-0335, Nov 17, 19, 21, 27 and 28,

trumpet IS, Kurdish ID: "Era dengi Kurdishani Irana", ann, political talks about Iran and songs, very clear as long as the Iranian jammer stayed on 3975 or 3980, 45333. Heard // 4870 or 4890, but 3970 was 12 seconds delayed! But at 0330 the jammer arrived to 3970 resulting in 43332. My logging on Nov 11 in DX-Window no. 415 with the clear ID (recorded): "Era dengi Kurdishani Iraq" seems to be a mis-announcement by the speaker in the early morning! (Petersen). At 1300 on Nov 19 I could hear it a short time without jammer, because they were late returning from 3980. The signal was very weak, but I think there was first a frequency ann giving at least three frequencies and then lady IDs: "In Sedaye Kurdishani Iran" in Farsi. I could not confirm, if this was // with 4880, but probably not. They also signed off much earlier than 4880, on Nov 19, maybe 1330. (Ritola/DX Window)

4870.78, **Voice of Iranian Kurdistan**, Salah Al-Din, Northern Iraq, 0245-0335, Nov 17, Kurdish martial songs, 0254 ID by woman: "..... Kurdistan Irana" followed by a martial song, QRM CODAR and a strong tone which at 0259 became the Iranian jammer, 32432. Heard much better on // 3970. At 0330 the clandestine jumped to 4885, followed by the jammer also disturbing R Clube do Pará. (Petersen/DX Window)

5985.0, **Shiokaze Sea Breeze** via Yamata, Japan, 1420, Dec 10. In English; "Welcome to Ken Kato's Corner. My name is Ken Kato, Director of Human Rights in Asia. I am a Japanese human rights activist"; story of the case of North Korean diplomats trafficking in drugs in the 1970s. Seems this new segment is now a regular Friday feature; Mr. Kato's English is certainly easier to understand than the usual Shiokaze announcers. (Howard-CA/NASWA Yahoo Group)

9960, **R Bar-Kulan**, via Meyerton (500 kW), *1556-1700*, Nov 26, orchestra music, 1600 Horn of Africa song, ID in Somali, mentioned cities where Somali expatriates live, e.g. Stockholm, frequency ann, 1601 time signal, ID, ann, Call to Prayer, talk, report from a place with shouting people, ID, Horn of Africa music, 55444. Schedule thanks to Ritola who also told about the other broadcast to Somalia at 0500-0600 on 15750 via Dhabbya, UAE (500 kW). (Petersen/DX Window)

15680, Tent. **R. Free Sarawak** via Dushanbe. Fair level signal but flutter and distortion hampers the readability of male speakers and identification of language

listed to be Malay. Reported to have been launched on Nov 15 was first heard at my location on 17/11, Improved reception on 19/11 and 21/11 allowed the Malay language to be recognised. Listed to be on this frequency from 1000 to 1100 with a second px on 7590 between 2230 and 2330. 1002, 17/11 (Jones/ARDXC) *1000 w/IDs in EE & MM, fair, supposedly also in Iban. Thanks to tip from Charles Jones. Latest information leans towards site being Palau, rather than Dushanbe - and signal strength would be consistent with that theory, 20/11. (Seager/ARDXC) The 15680 broadcast is from Palau and can also be heard on the WHRI streaming audio at its website. (Alan Pennington, Caversham, BDXC-UK Yahoo group) The Aoki B-10 online list shows 7590 as via Dushanbe, strong signal in the UK. (MB)

Radio Free Sarawak sent me a QSL card using PFC after 16 days for my reception report in English with 1 IRC to Bruno Manser Fonds in Switzerland. PFC QSL is signed and stamped. QSL signer cannot be read out due to too good hand writing signature. Mailing Address: c/o Bruno Manser Fonds, Socinstrasse 37, 4051 Basel, Switzerland. URL: <http://www.radiofreesarawak.org>; E-mail: info@radiofreesarawak.org. (Takahito Akabayashi-JPN, wwdx BC-DX TopNews Dec 6)

Denge Mezopotamya schedule is now 0500-1500 on 11530, 1500-2100 on 7540 in Kurdish via Mykolaiv, Ukraine. (TDP website, Aoki B-10 online schedule/WDXC)

New schedule for **Voice of the People** in En/Shona/Ndebele from Dec 10 via Madagascar:
0400-0500 on 11610
1530-1630 on 11695 (New)
1800-1900 on 9345 (New)
(R Bulgaria DX Mix News, Ivo Ivanov, via wwdx BC-DX TopNews Dec 13)

COLOMBIA 5910, **Marfil Estereo**, Puerto Lleras, 0550-0810, 19-12, Latinamerican songs, identification: "HKI 79, Marfil Estereo", at 0737: "La hora en Marfil Estereo, dos de la mañana con 37 minutos, desde Puerto Lleras transmite Marfil Estereo". 33433. Méndez/EDXP

CONGO 6115, **Radio-Congo**, 1720, presumed with highlife and talk by a French man. Very weak and suffering splatter high side. It took a tight filter and LSB to get any copy. 20 Nov. (David Sharp, NSW Australia/ARDXC) 6115, R Congo,

Brazzaville, 1753, Dec 04, animated chat in vernacular, music clip then coverage of a live event in French with drums and cheering, fair. (Bell/DX Window)

CZECH REPUBLIC The following posted on *Radio Prague's* Facebook Page: Radio Prague will be terminating shortwave broadcasting as of January 31. The station's financing for next year has been drastically reduced by the Foreign Ministry in line with government austerity measures aimed at cutting the state deficit. The details of the budget are still being ...discussed. At present, broadcasting will continue in all six languages via the internet, satellite and partner stations. (Mark Coady-ONT/NASWA Yahoo Group) Radio Prague is leaving short waves on January 31, 2011. The rumour was now confirmed by Mr. Krupicka, the Chief of the station. The Litomysl SW TX site will be closed. (Karel Honzik-CZE, Dec 8 via wwdx BC-DX TopNews Dec 10) Radio Prague on shortwave will be closed on January 31, 2011, for ever. From Feb 1st, only via livestream and recorded on internet files download. Same decline like RCI German, RFI German, Swiss Radio International, Radio Sweden, and soon DWL Bonn, latter from 2012 year. (wb, via wwdx BC-DX TopNews Dec 10) Radio Prague - the international service of Czech Radio - will cease broadcasting on shortwave after January 31, 2011, following a significant cut in our budget. The Czech Foreign Ministry, which finances Radio Prague, has reduced our funding for next year significantly, in line with the government's austerity measures aimed at lowering the budget deficit. Final negotiations are still underway, but it is expected that Radio Prague will continue producing programmes in six languages, including English. The internet will become Radio Prague's main broadcasting platform, with shows also being broadcast in Europe via satellite. In addition, Radio Prague will cooperate with partner stations in re-broadcasting, and will continue its FM broadcasting in Prague in four languages: English, French, German and Russian. Changes to our programme, along with any new developments, will be announced in January. (Radio Prague Web page via Arnaldo Slaen/DXplorer Dec 17)

ECUADOR Time signal station **HD210A** in Guayaquil noted November 18 at 0145 on 3810 LSB, SINPO 24332. Time checks every ten seconds. (Arthur Miller, Llandrindod Wells/WDXC)

6050, **HCJB, La Voz de los Andes**, Pichincha, *0826-0836, 18-12, open with

flute music, anthem, female, quechua, id.: "HCJB Quito, 690 AM, onda corta, 6050 kHz", Equatorial music. Strong interference from Radio Habana Cuba in the same frequency. 42432. (Méndez/EDXP)

EQUATORIAL GUINEA 6250, *Radio Nacional*, Malabo, 0616-0645, 19-12, female, comments in Spanish, news about Equatorial Guinea: "La formación universitaria de Guinea Ecuatorial, "Las tradicionales fiestas navideñas". At 0624 sport news. "Hemos llegado al final del diario hablado en Bata". 24322. (Méndez/EDXP)

15190, **Radio Africa**, 1423-1442, 05-12, religious songs and comments in English, at 1429 identification: "Thank you for listening to Radio Africa inspiration program", "radioafrica@myway.comg. Interference from Radio Inconfidencia. 33433. (Méndez/EDXP)

ERITREA 5060.00, UNID replacing R Bana, Asmara, *0354-0455, Nov 21, 22 and 30, lovely string music IS with possible IDs twice in five languages, two of these possibly Oromo and Arabic, but R Bana was never mentioned. 0400 ann in vernacular, short music and talk for three minutes mentioning Africa and Afghanistan (news ?), then a lot of short talks (reports ?) with short musical interludes of music from Horn of Africa in between, 0430 talk by a different man, maybe in a different language, low modulation and occasional CWQRM, strongest on Nov 22: 35333, but fading out with 15211. Also heard weak under Xinjiang PBS at 1450-1725*, Nov 19 and 20, vernaculars talks and songs, 21321. (Petersen). Eritrea uses this frequency for various programmes. Thus "Voice of Oromo Liberation" is only one program outlet coming from this transmitter facility, not the name of the station. (Parviainen/DX Window)

7175, 0356, **VOBME** Asmara vgd 24/11 with tuning signal and repeated idents in local langs. 2 parallel freqs this day - 7120.04 and 7185.03, both at poor level. News bulletin on the hour. Eritrea has been free of Ethiopian jamming since mid-November. (Bryan Clark-NZ/NZRDXL)

FRANCE Winter B-10 of *RT Algeria Holy Qur'an* in Arabic from Issoudun via TDF:
0400-0458 5865
0500-0558 5865
0500-0558 7295
0600-0658 5865 till Feb. 26
0600-0658 7295 from Feb. 27

1800-1958 9390
1900-2058 7455
2000-2158 7455 till Feb. 26
2000-2158 9390 from Feb. 27 (R Bulgaria DX Mix News, Ivo Ivanov, via wwdx BC-DX TopNews Dec 1)

GERMANY Trying to monitor the new commercial service in Hausa to Nigeria via Wertzthal, *Hamada Radio International*, as IDed by James MacDonell: Monday Dec 6 at 1928, tune-in 9840 to find that WHRI is actually on the air! During a portion of their mostly-wooden registered schedule. Current online WHR sked shows M-F 1900-2000 on Angel 2 is "Shepherd's Chapel", 25 degrees to eastern "Canada". At 1930 a SAH starts at about 3.5 Hz, and traces of audio under, which must be the new Nigerian service at 1930-2000 M-F, but quite blocked here. I wonder if WHRI is a problem in Nigeria? Its beam carries on considerably eastward of there. Jeff White says reception seems to be OK in Nigeria. The morning transmission M-F 0530-0600 on 7350 is not making it here either, but judging from bits of Brother Scare on 17485 after 1500, same azimuth, the middle one of HRI, a.k.a. R. Hamada, at 1400-1430 on 17495 would have the best chance, M/W/F only (Glenn Hauser, OK/DXLD) The 0530-0600 transmission has been heard with fair signal in Wyomissing several times. (RAD)

Hamada Radio International in Hausa Mon-Fri, new st'n from Nov 29:

0530-0600 7350 WER
1900-1930 9840 WER

(R Bulgaria DX Mix News, Ivo Ivanov, via wwdx BC-DX TopNews Dec 10) The correct time is 1930-2000, and I heard something under WHRI, again just barely audible at 1931 Dec 10 and also the M/W/F 1400-1430 time on 17485 I have confirmed. (Hauser/NASWA Yahoo Group)

Bible Voice Broadcasting Network (Radio Sadaye Zindagi) from Dec 13:

1600-1630 11830 WER WeAS in Dari (co-ch BBC in English)

(R Bulgaria DX Mix News, Ivo Ivanov, via wwdx BC-DX TopNews Dec 17)

GREENLAND 3815 usb *Groenlands R.*, Tasiilaq, 2147-2215*, 25 Nov'10, jazz, Danish for news bulletin at 2200, music at 2214 followed by an abrupt closure; 45333 - never this strong. (Carlos Gonçalves - POR/SW Bulletin) 3815 USB, KNR, Tasiilaq, *2101-2214*, Dec 02, 03, 10 and 11, Greenlandic talk, flute music, 2130 news, 2148 orchestra music, 2200 KNR jingle, Danish news and reports, 2213 Greenlandic

song, 24332, QRN utility talks, incl. *2157-2158* Calls from Russian airports. (Mille and Petersen/DX Window)

Greenland closes SW and MW on Feb 11 2011: On February 11 2011 at 8 AM local time all medium wave stations carrying **KNR (Radio Greenland)** - Upernivik (810 kHz), Uummannaq (900 kHz), Qeqertarsuaq (650 kHz), Nuuk (570 kHz) or Simiutaq (720 kHz) - will be switched off for good, and the transmitters will be dismantled. On the same day the relays of KNR newscasts twice daily via Tasiilaq 3815 kHz will also cease. The decision has been taken by the Ministry of Housing, Infrastructure and Transport in the Government of Greenland. After February 11 2011 KNR will only be available via Low Power FM-radio in inhabited areas of Greenland. Thus no coverage of the waste country outside the towns and villages - and KNR will no longer be available for the fishermen at sea nor the Inuit population in Canada. The decision was made because the transmitters were getting old and too costly to maintain. Besides - very few people are using the MW transmissions. Weather forecasts will be available for fishermen and others via VHF coastal radio. At a point it was considered replacing the aging MW transmitters with one or two new SW AM-transmitters near Nuuk, but it was estimated that it would cost 4 million DKK (535.000 euro) to establish such a new SW operation. It was also felt that few listeners would invest in a SW receiver and the quality would be 'doubtful' - suffering from 'atmospheric phenomena'. So these plans were given up. (Stig Hartvig Nielsen-DEN, WMR, mwdx Dec 10/TopNews & DX Window) Another one bites the dust... and a real DX target in North America. The SW stns are falling like flies these days... Sweden, Prague, Slovakia the list goes on. (Jensen-WI/DXplorer & NASWA Yahoo Group) Alas, indeed they are! Even the relatively recent low-power missionary stations that brought back for a fleeting moment rare DX that HCJB and others have supported, never really made it...witness The Cross Radio in Pohnpei (gone), Wantok Radio Light (still on but with much reduced power these days), Radio Peace (supposedly expanding, but not on the air these days), Dunamis Shortwave in Uganda (rarely, if ever heard, with transmitter problems), ELWA (gone again), Radio Veritas Liberia (gone), CRN in PNG (gone), and on and on the list goes. The only one still reliably operating is Radio Kahuzi in DR Congo. The story is the same in most cases - unreliable equipment and a lack of trained staff to support the station technical operations. (Bruce Churchill-CA/DXplorer) This is really bad news for DX-ers!

Last call for a MW or SW-QSL from Greenland! In January this year the Traffic Chief at the KNR utility SW transmitter in Tasiilaq, Mr. Bo Mogensen, verified my reception report enclosed two US \$. His address is: TELE Greenland A/S, Teleservicecenter Aasiaat, Postboks 217, DK-3950 Aasiaat, Greenland. Please see more comments in Miscellaneous. (Petersen/DX Window)

GUAM Frequency change of **KTWR** Agana in Vietnamese from Dec 19:

1100-1130 NF 11750 to SoEaAS, x11840
(R Bulgaria DX Mix News, Ivo Ivanov, via wwdx BC-DX TopNews Dec 17)

GUATEMALA 4052.5, **Radio Verdad**, Chiquimula, 0502-0602*, 28-11, male voice, Spanish, religious comments, identification: "Radio Verdad", at 0509 English, program "Spiritual Songs", religious English songs and comments. Identification, anthem and close down. 14321. (Méndez/EDXP)

INDIA On Nov 23 at 0330, 40,000 employees of Prasar Bharati affiliated to National Federation of Akashvani and Doordarshan commenced a nationwide 48-hour "duty boycott" to press for various demands, including payment of salaries. AIR with 336 broadcasting centres and DD with a network of 60 production centres and 1,404 transmitters were affected by this the first strike in 55 years! Broadcasts on FM, MW and SW were badly affected. Most stations were noted off air, others playing instrumental music instead of normal programs and some are on with carrier only. (DX Window)

4755, **AIR Imphal**. Thanks to the timely alert by Jose Jacob, via dx_india yg, I heard this anomaly; off their normal 4775 (as heard yesterday); outstanding propagation; fair to almost good reception; Dec 12, randomly from 1307 to 1512, when they started carrying the Delhi audio feed; 1359 nice ad in Hindi for the loan services of the Manipur State Co-operative Bank Ltd., with their "special employment generation program"; mentioned: "Managing Director, Manipur State Co-operative Bank Ltd., Imphal"; segments with news and conversations in assume Hindi. Strongest reception ever heard! Best at my local sunrise (1512). (Ron Howard-CA/NASWA Yahoo Group)

4835.00, **AIR Gangtok**, 0115-0140 on Dec 04 and 12, Nepali ann and talk, Indian songs, back on nominal frequency, 35333. (Jacob and Petersen/DX Window)

4850, **AIR Kohima**. Does not look very promising for the future of SW here. Was unusual for them not to be on the air back on Aug 14 when they normally would carry the president's speech on the eve of Independence Day. A very bad sign! Now they have missed SW weekend coverage of their most important festival of the year (Hornbill Festival). Are they ever going to use their SW transmitter again? (Ron Howard-CA/NASWA Yahoo Group)

4888, **AIR Lucknow**, 1442-1505, Dec 7. An anomaly for them; off their normal 4880; in English and Hindi with live coverage of India playing in an ODI cricket match; frequent short breaks for ads/announcements in Hindi; // 5040 (AIR Jeypore). (Ron Howard-CA/NASWA Yahoo Group) Comment from Mauno Ritola: "Thanks, heard also here in Finland." Anker Petersen's (DX-Window/DSWCI) comments: "Thank you for this observation. I think they will be back on 4880 soon. When I visited AIR Tx Khampur in April, I noticed how easy it was to push a wrong frequency there on a modern Tx. Just as easy as making a typo on a PC! Best 73, Anker." He surely must be right. Jim Young's (CA) observations: "I heard this carrier here, without audio, on 4888.00 at 1518-1534. I also note that I logged nothing on 4880, but without audio I would never have guessed/presumed! Thanks, Jim" Jim reports Lucknow back on 4880, 0042-0048, Dec 8. Appreciate their feedback! (Ron Howard-CA/NASWA Yahoo Group) 4880, AIR Lucknow. As Jim Young and Anker Petersen have also observed, they are indeed back on their normal frequency on Dec 8, after being on 4888 yesterday. I checked randomly from 1313 to 1522. (Howard-CA/NASWA Yahoo Group)

4970, **AIR Shillong**, 1436-1512, Dec 10. In English with local show of pop music with dedications; frequent IDs for "North Eastern Service of All India Radio broadcasting from Shillong on shortwave 60.36 meters, corresponding to 4,970 kHz. and an additional FM 100.1 MHz." (new FM station?); 1445: "8:15 news headlines" (team of experts from Israel presently in Meghalaya to study agriculture, etc.); 1512 switched over to Delhi audio feed; almost fair. I always enjoy listening to this station; just wish they could fix the persistent hum. < http://www.mediafire.com/?0bhqfqdozkbe589 > has audio of ID. (Howard-CA/NASWA Yahoo Group)

4990, **AIR Itanagar**, 1352, Dec 1. Indigenous chanting/singing; 1415 news in Hindi followed by local ID and news in English (World AIDS Day observed, etc.); weather forecast; program in English started with "broadcasting from All India Radio Itanagar" on MW "675 kHz" and SW on "4,990 kHz", along with "corresponding" frequencies in meters; talk given about "Self Confidence"; almost fair; certainly one of their better receptions. No sign of PBS Hunan. 1420-1425, Dec 5. Best reception to date. In English; local ID, news, sports (2nd state level chess championship tournament being held at youth hostel in Naharlagun with around 200 players from different parts of the state attending the week long tournament, etc.). Itanagar weather forecast and temperatures. Audio <<http://www.mediafire.com/?z15e9v92jxl146h>>; note 00.56 has a clear "Itanagar". Very enjoyable to hear them at this level! (Howard-CA/NASWA Yahoo Group)

5040, **AIR Jeypore**, Orissa, 1635-1643, Nov 28 and 29, Indian music, 13221. (Bernardini and Méndez/DX Window)

On Dec 07, the Lok Sabha cleared legislation seeking to rename Orissa as Odisha and the language spoken in the state as Odia from Oriya. The bill to alter the name of the eastern state was introduced in this year's budget session and was passed on the first day of the month-long winter session by electronic balloting. MPs overwhelmingly supported constitutional amendment bill to do away with the legacy of British name given to the state. The central government had received a proposal from the Orissa government in 2008 after the state assembly moved a bill to change both names in deference to the manner in which the name of the state is pronounced in the local language. The state is called Udisa in Hindi and Orissa in English, and the language Udiya in Hindi and Oriya in English as per the constitution. This required an amendment to the constitution and had to be approved by two-thirds majority of the house. Home Minister Chidambaram, who moved the bill, said the house was honouring the wishes of the people of the state by clearing the legislation. Many Indian cities and states have been renamed after independence, including Kanpur (formerly Cawnpore), Thiruvananthapuram (Trivandrum), Mumbai (Bombay), Chennai (Madras), Kolkata (Calcutta), Pune (Poona), Kochi (Cochin) and North-East Frontier Agency (NEFA) to Arunachal Pradesh. (IANS via Jacob, Dec 13/DX Window)

INDIA (Kashmir) 4950, **R. Kashmir Srinagar**, *0122-0213*, Dec 13. Open carrier/tone noted at 0118 tune in; their sign on/off times vary as much as 4 to 5 minutes; even the format varies some; because of the later sign on time today they did not play the national song ("Vande Mataram") after the AIR IS; mostly played pop subcontinent songs; had two segments with series of what sounded like ads; went off the air suddenly; audio seemed rather distorted; best in USB due to Angola carrier; slowly fading down after 0200. Only possible for me in the wintertime. (Howard-CA/NASWA Yahoo Group)

INDIA (Sikkim) 4835.0, **AIR Gangtok**. Ex: 4837.19. Are they really back on frequency to stay this time? Noted Nov 29, 30 and Dec 1, exactly on frequency from around 1315 to 1430. 1317, Dec 2 was another day being exactly on frequency. (Howard-CA/NASWA Yahoo Group)

INDONESIA 7289.84, **RRI Nabire**, 0600, fading-in with news by a man, then into local music. Has been irregular of late. 20 Nov. (David Sharp, NSW Australia/Wilkner-DXplorer)

ITALY 9510, **Radio City** via IRRS Nexus, *0859-0915, 18.12, tuning music, male: IRRS short wave, Milano, signing on", male: identification in various languages: "Radio City, the Station of the cars", "Radio Ciudad, la voz de los coches", comments in English and pop music. 45444. (Manuel Méndez, Lugo, Spain)

KAZAKHSTAN **Bible Voice Broadcasting** - B10 Winter from Alma-Ata using 200Kw: 6225 at 1405-1435 Sun/Sat in English 6225 at 1405-1435 Mon in Mandarin 6225 at 1405-1420 Tu-Fri in Cantonese (Sarah, BVB Network)

Additional txion of **WYFR Family Radio** from Dec 13: 1300-1500 5835 A-A 500 kW 121 deg to SoEaAS in English ((R Bulgaria DX Mix News, Ivo Ivanov, via wwdx BC-DX TopNews Dec 16)

KOREA (South) 6015, **KBS Hanminjok Bangsong 1** (presumed) via Hwasong, 1328-1335, Dec 7. Free of any jamming; almost fair with light QRM from PBS Xinjiang (// 4330); in Korean; conversations between two men and a woman (their usual format); EZL song; 1329 sounded like singing jingle for the station; BoH one pip. Is it my imagination or is the jamming being turned off more than usual? Last in the clear on Dec 2 (1308 + 1342-1349) and

Nov 25 (1317 to 1507). (Howard-CA/NASWA Yahoo Group)

LAOS QSL Lao National Radio, 6130 kHz, no data email thank you from Inpanh Satchapansy, inpanhs@hotmail.com, the Director of the Foreign Language Department and the Head of External Relations for Lao National Radio. (Muick-Kandahar-AFG, dxld Nov 17/TopNews)

6130, **Lao National Radio**, 1147, poor with big sideband slop, but partially readable in LSB. Seems to be the only active outlet from Laos at the moment, with both Sam Neua (4412v) and the External Service (7145) untraced. 19 Nov. (David Sharp, NSW Australia/Wilkner-DXplorer)

MADAGASCAR Madagascar World Voice
Update: Buildings have been constructed, all four towers are firmly in place, diesel-powered generators are fully functional and three array antennas have been installed. The three transmitters have been built, tested and crated and are awaiting the final shipment to Madagascar from the port in Houston, Texas. Our engineer, Kevin Chambers, has shown great ingenuity. A complicated, yet amazing simple system of counter-weights has been installed that will help to keep the array antennas balanced as they are installed. Using a network of pulleys, wires and sandbags, the system allows the antennas to give with the winds, then return to their original position. Upon completion of the station, several new language services will be added to the daily broadcast schedule. Many hours of new programming have already been recorded in Arabic, English for African cultures, Spanish and Portuguese. These languages will join the English, Mandarin Chinese and Russian programs already being broadcast from KNLS in Anchor Point, Alaska, giving us effective coverage of the world's population. (Dick Brackett, World Christian Broadcasting Newsletter/NASB Newsletter)

MALAYSIA 6049.6v, *Suara Islam (Voice of Islam)* via RTM at Kajang, 1545-1558, Dec 8. Islamic programming (reciting from the Qur'an, etc.); 1558 choral National Anthem; fair; // 6175.0 (mixing with CNR1) and 9750 (under QRM). Suara Islam program ended at 1600 and Salam FM started. Salam FM via RTM at Kajang, 1600-1604*, Dec 8. In vernacular; reciting from the Qur'an; "Radio Malaysia Salam FM" and several singing "Salam FM" IDs. This audio feed is just filler till they turn off the transmitter, which varies from day to day. Audio of singing Anthem and Salam FM station jingle

at < <http://www.mediafire.com/?95nsn9c5z194y5l> >. (Ron Howard-CA/NASA Yahoo Group)

MALAYSIA (Sarawak) 5030, *Sarawak FM* via RTM, 1452, Dec 11. In vernacular; their normal Saturday format of repetitive indigenous music accompanied by chanting/singing; fair to almost good. A sample audio of their very unique chanting/music is posted at <<http://www.mediafire.com/?m3zgzz0jtf0>>. (Ron Howard-CA/NASWA Yahoo Group)

MEXICO 6185 *Radio Educacion* and RHC now regularly every day around 06-08 here in Germany on fair signal level. Radio Educacion heute morgen mit sehr schoenem Signal ab ca. 07 UT auf 6185 kHz gehoert. Aufgenommen in AMSync mit 8 kHz Bandbreite am NRD545 + K9AY ant. (Thomas Lindenthal-D, A-DX Dec 11/TopNews)

MYANMAR 5985.83, *Myanma R.*, 1530, Dec 9. In English; ID for their final English segment of the day; news, weather and their standard slogan ("Only with stability and peace will the nation develop. Only with stability and peace will democratization process be successful. Anarchy begets anarchy, not democracy. Riots beget riots, not democracy. Democracy can be introduced only through constitution . . ."); 1538 non-stop EZL pop songs; 1601, the reading of "Today's article entitled . . ."; 1609 back to music. (Howard-CA/NASWA Yahoo Group)

NETHERLANDS Dutch parliament backs motion on *Radio Netherlands Worldwide*.

The Lower House of the Dutch parliament has backed a motion from the social-liberal party D66 calling on the government to conduct an investigation into the viability of Radio Netherlands Worldwide (RNW).

The motion notes that the role of RNW has been partially overtaken by technological developments. Parliament now wants the government to investigate what tasks should be scrapped and what tasks can be transferred to other existing organisations.

Foreign Affairs: In response, the minister responsible for the media, Marija van Bijsterveldt, said that the government sees the motion as "support for its policy." Earlier it was announced that RNW will in future be financed from the budget for Development Cooperation, under the Ministry of Foreign Affairs. Currently, RNW is funded by the Ministry of Education,

Culture and Science. The transition should take place in 2013. "Before the summer of 2011, the Cabinet will inform the House how RNW and its tasks will be shaped," said the minister.

The coalition agreement states that RNW should focus on its core business, without defining precisely what that is. The current tasks, included in the media law, are: informing Dutch nationals abroad, the provision of independent information in countries with limited press freedom, and presenting a realistic picture of the Netherlands for people abroad.

Confident: The management of RNW is confident about the future. Editor-in-Chief Rik Rensen said: "The vast majority of our journalistic activity is focused on foreign countries. We operate in ten languages and thus cover large parts of the world where people are desperate for our information. And as it happens, the Dutch economy is almost entirely dependent on foreign countries."

RNW's Director-General Jan Hoek welcomes the review, saying "It's good to investigate how public money is being spent". Mr Hoek disagrees with the claim that the internet has rendered Radio Netherlands Worldwide superfluous: "In our country nearly all of us are connected to the internet, but it's different on a global scale. Internationally just 28 percent of the world's population has access to the internet." (Media Network Newsletter, By Andy Sennitt, 16 Dec 2010/ TopNews)

NIGER 9704.99, *La Voix du Sahel*, Niamey, 2154-2301*, Nov 29 and 30, French ann, phone talks and folksongs, IS, 2250 closing daily program with many IDs, Holy Qur'an, National Hymn, 35433. (Bernardini and Wagai/DX Window)

NIGERIA 7275, Nachdem in den letzten Tagen Versuche negativ verliefen, ist heute ein duennes Signaelchen aus Abuja mit AM Sync zu hoeren, die Sprache scheint ein Vernac mit Franzoes. WeAF Klang zu sein. 0713 am 11.12. (wb, wwdxc BC-DX TopNews Dec 11) Re 7275 Abuja. 7275 Abuja regional stn was on air today Dec 11, noted around 0700-0720, tiny S=2-3 signal, rx in AM-sync mode. Re Channel 7275 was empty on Dec 9th at 0645-0720.

Similar strength also VoNIG on 9690 kHz in Hausa at 0815-0830, Dec 11. (wb, wwdxc BC-DX TopNews Dec 11)

OMAN 15140, *R. Sultanate of Oman*, 1503, Dec 2. Thursday only relay of "90.4 FM" (R. Sultanate of Oman) in English; DJ with British accent (assume it was Adam) playing pop songs in English; 1516 suddenly switched over to Arabic; series of dramatizations; 1600 chimes + bell rung once; news headlines in Arabic. By 1512 the signal was quickly improving up to almost good; assume the strong signal was the result of outstanding propagation. My local sunrise was 1504. (Howard-CA/NASWA Yahoo Group)

PAKISTAN 4790.02, *R Pakistan*, Rawalpindi, *0226-0325 fade out, Nov 27 and 28, reactivated after 21 months absence! Pop music, 0230 opening ann in Urdu, Pakistani folk music, 0300-0310 English news, songs and talk in Urdu, 35232. (Petersen/DX Window)

PAPUA NEW GUINEA 3290, *NBC Central*, 1323-1327, Dec 6. In Tok Pisin; pop island songs. After New Ireland went off on 3905 at 1404*, I noted this with children singing (anthem) till 1406*. (Howard-CA/NASWA Yahoo Group)

3905, *R. New Ireland*, 1336-1346, Dec 6. In Tok Pisin; pop island songs; DJ with dedications; gave address: "N-B-C New Ireland, P. O. Box 477, Kavieng or into studio 984 2489"; singing jingle for "number one radio station". Anthem and 1404*. Audio clip with the address posted at < <http://www.mediafire.com/?w2eggcedcx973u> >. 1339-1340, Dec 7. DJ with nice pop island music; stronger than yesterday. Dec 7 noted both 3290 and 3905 in parallel; gNews Roundup with news and sports in English from tune in at 1306 to 1308, at which time both stations went back to their local programs in Tok Pisin. (Howard-CA/NASWA Yahoo Group)

5960, *Radio Fly*. E-QSL in 5 days from Jobby Paiva, who confirms my report and says (again) that they are printing QSL cards. Reply in 5 days for an E-follow-up to jobby.paiva@gmail.com (Wilkins-CO/DXplorer)

PERU 4754.92, *Huanta 2000*, Spanish, 1010, presumed with huaynos and talk by man. Thought I heard "Radio Huanta" ID but not 100% sure. First heard 19 Nov and several nights since. Nothing on 4747v. (David Sharp, NSW Australia/Wilkner-DXplorer)

5120.35, *R. Ondas del Sur Oriente*, 1025, presumed with huaynos. Very poor copy

under OHR. 21 Nov. (David Sharp, NSW Australia/Wilkner-DXplorer)

6019.27, **R Victoria**, Lima, 0325-0715, Nov 14, 21 and 24, male and female in Spanish "La Voz de la Liberación", "David Miranda, cinco de la tarde!; atención hermanos y hermanas, iglesia pentecostal los invitan; Iglesia Pentecostal Deus é Amor en Peru", 34333. (Bell, Méndez and Otávio). Also at 1010-1020, Nov 21, Spanish conversation, poor. (Bolland) 6020, R. Victoria, Lima. Nov 21 0706-0715 male and female "David Miranda, cinco de la tarde!; atención hermanos y hermanas, iglesia pentecostal los invitan; Iglesia Pentecostal Deus é Amor en Peru". 34333. Nov 24 0423-0430 male preacher to an audience "la oración, milagro del Diós", short music as a bridge to studio religious talks. 33433. (Lúcio Otávio Bobrowiec, Embu SP Brasil/Wilkner-DXplorer) 6019.3, Radio Victoria, Lima, 0735-0820, 10-12. Too many years I have not listen a non religious program in Radio Victoria, but today at 0735 program of news and comments with corresponds in several cities of Peru and many identifications: "Radio Victoria, Gracias a los redactores, seguimos con la información", "Campaña de Navidad, seguridad ciudadana", at 0803: "Radio Victoria, os invitamos a seguir nuestra sintonía, nuestra dirección de correo electrónico: radiovictoria@terra.com. At 0804 the regular religious program "La Voz de la Liberación". In parallel with 9720. 24322. (Manuel Méndez, Lugo, Spain/EDXP) 6019.27, R Victoria, Lima, 0444-0630, 0735-0820 and 1035-1100, Nov 28, 30, Dec 01, 10 and 11, at 0735 was unusually heard a program of news and comments with corresponds in several cities of Peru and many ID's: "Radio Victoria, Gracias a los redactores, seguimos con la información", "Campaña de Navidad, seguridad ciudadana", at 0803: "Radio Victoria, los invitamos a seguir nuestra sintonía, nuestra dirección de correo electrónico: radiovictoria@terra.com. At 0804 the regular religious program gLa Voz de la Liberación with David Miranda, 24322 // 9720. (Bernardini, Bolland and Méndez/DX Window)

6173.91, **Radio Tawantinsuyo**, Cuzco. 1000, fair with Spanish talk (news?), local time check. Had to use LSB to escape powerhouse China on high side. 5/11. (Sharp/ARDXC)

PHILIPPINES Radio Pilipinas English schedule is 0200-0330 on 11880 15285 and 17770. The Tagalog broadcast 1730-1930 is on 11730 11880 and 15190. (HFCC public date file/WDXC) 11730, R. ng Bayan

simulcast via R. Pilipinas, *1730-1802, Dec 9. In Tagalog (many words in English); frequent IDs; "Radio ng Bayan Nation Wide"; "738 kHz. in AM dial"; list of all stations carrying simulcast; program "Talking Points" with sports commentary ("Asian games"); fair to good; // 15190 (totally blocking out R. Africa). Excellent audio of IDs and list of simulcast stations: <<http://www.mediafire.com/?yl91wqkzylrs681>>. For me this was an extraordinarily enjoyable reception! 11730, R. Pilipinas, *1730-1759, Dec 14 (Tuesday). Many R. Pilipinas, the Voice of the Philippines IDs; in Tagalog; info at <http://twitter.com/alan_allanigue/status/9417993452781568> must be outdated, as there was no simulcast today of the Radio ng Bayanfs program gTalking Points, but they did carry the gP-B-S Radio ng Bayan newsh and a segment with gASEAN newsh; 1800 long series of R. Pilipinas IDs; fair; // 11890 good (thanks to Alokesha Gupta [India] for the reminder about this frequency); mixing with R. Africa on // 15190. (Ron Howard-CA/NASWA Yahoo Group)

11890, **DZRM Radio Magasin** simulcast via R. Pilipinas, *1732-1830, Dec 15 (Wednesday). In Tagalog with cultural programming (talking about Carmen Guerrero Nakpil's new book "Heroes and Villains" which comments on Saudi Arabia and "O-F-W" [overseas Filipino workers], etc.); IDs: "DZRM Radio Magasin 1278 kHz" and "simulcast" via R. ng Bayan on 738 kHz, and "Radio Pilipinas overseas radio station"; 1830-1845, English language lesson (British accent) ended with "Cherrio"; fair to poor; did not hear // 15190 (only R. Africa there); // 11730 had transmitter problems and was off the air for a while, as also noted yesterday. 11890, Radio ng Bayan simulcast via R. Pilipinas, *1730-1748, Dec 16 (Thursday). Starts with series of R. Pilipinas, the Voice of the Philippines IDs; 1733 begins the "simulcast" of "Radio ng Bayan Nation Wide, 738 kHz"; same format as last Thursday; listing all the many PBS radio stations; mostly poor reception; // 11730 poor; // 15190 not heard (only R. Africa there). Would be interesting to know just what their simulcast schedule is. Thursday certainly seems to regularly have Radio ng Bayan, but is DZRM Radio Magasin on every Wednesday? Have not checked the weekends or Monday and Friday, so this certainly needs more monitoring. (Ron Howard-CA/NASWA Yahoo Group)

PRIDNESTROVYE I have now confirmed the **Radio PMR** schedule on 6240 of 1800-2400 Monday to Friday does mean local time, not UT time. The station comes on air on Sunday at 2200, heard with transmitter sign on at 2200 on 21 November and into Russian programming. The station goes off air at 2200 on Friday, heard with transmitter off at 2200 on 26 November following its German programming. (Alan Roe/WDXC)

SAUDI ARABIA 15250, **BSKSA**. Radio Jeddah with a prgr called "Mega Project" in EE from 1102 and nx from Jeddah in English from 1200 (they said "It is 3 p.m., time for afternoon news from Jeddah.") on 4/11. Radio Riyadh in English is heard 0750-0800 on 17785 and 1000-1100 on 15250. No broadcasts of Foreign Sce of BSKSA in English and in French! They are relayed from Radio Riyadh and Radio Jeddah Home sces. (Pankov/ARDXC)

SERBIA I've just had a short phone conversation with technical director of **Intl Radio Serbia**, and he told me that, eff 1100 UTC November 25, 2010 they reactivated Stubline transmitting station [which destroyed totally on NATO air force bombing ride in 1999, wb.] near Belgrade with 10 kW of power and did some work on antenna at Stubline, which is a dipole with no reflector, so that antenna has two azimuths. Transmission for Australia via Bijeljina, Bosnia is cancelled. (Dragan Lekic-SRB, wwdx BC-DX TopNews Nov 26/ARDXC)

SLOVAKIA 6040, **R Slovakia International**, Rimavská Sobota, 0105-0130, Nov 29, English letterbox with extensive coverage of the decision that its SW transmitters will close down on Dec 31, 2010, due to heavy costs of SW transmitters and very varying reception conditions on SW ! RSI will continue broadcasting on the internet and via satellite through other transmitters, 0127 ID's in English/French/Spanish/Russian and German, 0130 Programme in Slovak, 55555. (Petersen) Sunday Nov 28 mailbag program featured a response from two female hosts to an e-mail from Naples, FL about new technologies in radio and the future of Radio Slovakia International ("RSI"): ...dealing with topic for 4 to 5 years; costs of shortwave technology is 60% of (station) budget; will continue on Internet with wider coverage; cutting shortwave is a compromise; Euro zone governments cutting budgets; need support and encouragement to continue RSI; shortwave is an old technology subject to strong interference and weather

sensitive; quality of shortwave not good for modern programs; understand the magic and charm of tuning an old radio; as off January 1st we will be off shortwave; request listeners listen by other means; need to adjust to technology; show bosses interest in station on Internet; third world countries (India) responsive to our Twitter account." Therefore, should be gone from shortwave bands when you read this. (RAD)

SOLOMON ISLANDS From **RNZ** staff newsletter: Steve White leaves on Monday night for the Solomon Islands where he's working on a project for a few weeks. (William Hague-UK, NWDXC Nov 21) New Zealand's Steve also has been refurbished the Vanuatu shortwave both transmitters gear recently. (Wolfgang Büschel/TopNews)

SRI LANKA **Radio Mashaal** in Pashto from 1100-1200 on 15715 NF from Iranawila, ex13580 (TopNews)

SWEDEN Shortwave Airtime for Northern Europe: Roy Sandgren of Broadcast Invest Ltd. writes: "We have 2 x 350 kW SW transmitters available and one 600 kW AM (can go down to 300 kW) available for broadcasting all over Scandinavia, the Baltic, Russia, Poland, Germany, Denmark, Benelux and England. They are available evenings on AM, but SW 00.00-2400. The site is Hörby and Sörvästborg, Sweden. Probably we going to run these stations as community radio organisations, but it is unknown which system of ownership will be the best." (Roy Sandgren, Malmö, Sweden, scandinavia603@hotmail.com/NASB Newsletter)

TAJIKISTAN **Bible Voice Broadcasting** - B10 Winter from Dushanbe using 200Kw: 9725 at 1230-1300 in Japanese Sunday 9725 at 1300-1400 in Korean Mon-Sat (Sarah, BVB Network)

UGANDA **Dunamis Shortwave Broadcasting** from Mukono, Uganda on 4750 in the 60 meter band from 6:00 to 10:00 PM local Uganda time or 1500-1900. Reports to Bible Voice Broadcasting, P. O. Box 425, Station E, Toronto, Ontario M6H 4E3, Canada or mail@biblevoice.org. (BVB Network Schedule Direct) 4750, Dunamis Shortwave, 1825, noted in passing with English sermon. Fair. 5/11 (Sharp/ARDXC) Dunamis Broadcasting heard on 4750 November 18, first noted tentatively 1801. At 1845 recheck heard a talk in Vernacular including a Dunamis identification. Brief song at 1900 and the station closed at 1903 without a further announcement. SINPO

23322. (Arthur Miller/WDXC) 4750, Dunamis Shortwave, Mukono, 1833-1902*, Dec 01, long talk in vernacular, short music religious style at 1842, then talks again mentioning Uganda, 1848 long songs in Afro style, 1859 ID and another song, fair/good. (Bernardini/DX Window)

In the wake of 40 years of civil war, an exploding AIDS epidemic and crushing poverty, God has raised up His people to bring words of hope, healing and deliverance to millions of Ugandans. One such man is Bishop Grivas Musisi. Bishop Musisi has led many crusades across Uganda, resulting in the planting of over 100 churches. But the task of Evangelism continues to burn in Bishop Musisi's heart, resulting in a new direction-Ugandan Radio. High Adventure/Bible Voice linked arms with Bishop Musisi to build Dunamis FM 103 at the edge of Kampala and within the first 2 years, over 2000 Ugandans have come to faith in Jesus! This new voice for Uganda continues to touch lives-testimonies of healing deliverance and salvation pour in each month. In support of Bishop Musisi's vision to reach Uganda for Christ, High Adventure/Bible Voice found help from Western Christians to build Uganda's first and only Christian Shortwave radio station. Today, Dunamis SW 4.750 receives a constant flow of listener's calls from every corner of Uganda. Dunamis FM and Dunamis SW exist to air the Music and Message of God-there is some space available for international broadcasters to minister into Ugandan lives. (Joan S., High Adventure Gospel Communication Ministries, Bible Voice Broadcasting)

7195, **Uganda UBC** seems to be on 7195 this late at 1835 UT Dec 16 instead of 4976. (Jari Savolainen, Kuusankoski, Finland/DXplorer) 7194.98, UBC, 0409-0515, Dec 17, tune-in to English news. Radio-drama. English and vernacular talk. Afro-pop music. Christmas music. Some US pop music including Cyndi Lauper's "Girls Just Want to Have Fun" song. Occasional chirping birds. Poor. Somewhat muffled audio. Some HAM QRM. Thanks to Jari Savolainen tip. This frequency replaces 4976. (Alexander-PA/NASWA Yahoo Group)

UNITED KINGDOM 6045, **BAB/VTC** test on air again. 6045 seems to be the 49 mb on-air test frequency on Babcock tx sites in U.K. Once again noted today the usual BAB/VTC control room cello mx over and over again, around 1430-1445, S=7 in Germany. Similar test noted on Nov 19, with DWL program carrying on 6045 around

1500-1600. (wb, wwdx BC-DX TopNews Dec 13)

UNITED STATES I've been a fan of LA's **WRNO** since the Joe Costello days of the 1980s. So when it went back on the air this year, I was thrilled. But it's been off again, so I wrote them a note to see what was going on, and they were kind enough to reply very quickly: "Yes our transmitter is down, we are presently trying to locate the problem. Thanks for checking in. WRNO Worldwide staff" (Bill Patalon III-MD)

UZBEKISTAN B-10 for **CVC International/The Voice** via Tashkent Hindi to India and South Asia:

0100-0400 on 9975
0000-0400 on 6260
0400-1100 on 11805
1100-1400 on 9500
1400-2000 on 6260

(R Bulgaria DX Mix News, Ivo Ivanov, via wwdx BC-DX TopNews Dec 13)

Frequency changes of **Radio Japan NHK World** from Dec 13:

1300-1345 NF 9720 in Bengali x11860
1345-1430 NF 9720 in Hindi x11825 (R Bulgaria DX Mix News, Ivo Ivanov, via wwdx BC-DX TopNews Dec 16)

VANUATU 3945, **R. Vanuatu**, Port Vila. Nov 21 0736-0814 male and female talks seemingly in local language, but with some English words "country, man, program", Pacific music, English romantic music. Peak at 0759, 35233 (Lúcio Otávio Bobrowiec, Embu SP Brasil/Wilkner-DXplorer)

7260, Nov 21 checks at 0735, 0748, 0806 no signal of R. Vanuatu. 7260, R. Vanuatu, Port Vila. Nov 15 0723-0733 male and female in English talks, female announcements on music; 25422. 0755-0805 English Pop music selections, male in English top of the hour announcements on music "R. Vanuatu... program", then female alternating male. 35333, (Lúcio Otávio Bobrowiec, Embu SP Brasil/Wilkner-DXplorer) 7260, R. Vanuatu, Vila. Reactivated this frequency, good here 0820 w/talks in Bislama. Unable to tell, due to local QRN, if 3945 active as well, but suspect not. The txer on 7260 seems to be the new unit (formerly on 3945), judging by signal strength, 27/11. (Seager/ARDXC) 7260, 2143, Radio Vanuatu reactivated here 10/11 replacing 5055, audible all day on measured frequency 7259.97. Ident in Pidgin 2159 then time check for 9 o'clock. Carries Radio Australia's "Pacific Beat" news at 0500, excellent 15/11. (Bryan Clark-NZ/NZRDXL)

YEMEN 6135, *Republic of Yemen R.* Sana'a, 1443-1501*, Nov 20, Arabic, ID "Idha 'atul jumuhiyya till yamaniyah min Sana'a", report about religion and Arabic music, 34433. (Robic)

ZAMBIA 5915, *ZNBC/R. Zambia 1*, 0245-0249, Dec 20. Thanks to Carlos Gonçalves and Sei-ichi Hasegawa postings in dxldyg, was able to definitely hear the reactivation of Zambia with their distinctive African Fish Eagle IS; poor; well under the fair signal of CRI in Russian. Perhaps after 0357 Zambia will have a chance with CRI off the air? (Ron Howard-CA/NASWA Yahoo Group)

6162, *ZNBC/R. Zambia 2* (presumed), 1556, Dec 20. Christmas songs; 1559 drums; 1600-1610, news in English; back to non-stop Christmas songs (Bobby Helms with "Jingle Bell Rock", etc.), African Hi-Li, etc. First heard carrier about 1525, but was not till about 1556 that audio showed up; faded up slightly and then down again till very poor by 1645; their local sunset was at 1636; too poor to make out any news items; adjacent QRM. I will defer to the Japanese DXers with their accurate Perseus software, as my E1 tends to show a lower frequency than true. Nice to have Zambia reactivated again. (Ron Howard-CA/NASWA Yahoo Group)

ZANZIBAR 6015, *RTZ*, *0258, Dec 6. 0250, start of open carrier; 0254 start of test tone; 0258-0259, repetitive xylophone like IS; announcer; 0301, clearly reciting from the Qur'an which seemed to end at 0305; long monologue; tuned out 0338; poor. Unidentified station already on the air before RTZ signed on and tiny bit lower in frequency (possibly in Arabic with Middle Eastern/Islamic music). More of a challenge now that there is QRM here, but definitely identical format as last heard in Sept-Oct. (Ron Howard-CA/NASWA Yahoo Group)

BROADCASTING ABOARD COMMANDO SOLO At the IEEE Broadcasting Symposium in late October, Lt. Col. Douglas Williams of the U.S. Air Force Special Operations Command discussed the government's aerial radio and television broadcasting from an EC-1301 transport plane, dubbed "Commando Solo." Readers may remember Radio World's cover story on that program in 2002.

It's a little unusual when a speaker starts by saying his presentation is unclassified. Williams, squadron commander, gave a fascinating overview of

how AM, FM, television and shortwave broadcasts are transmitted the three planes, which can be refueled in mid-air. Communications specialists aboard the planes select which frequencies to use for transmission, including that of a foreign country. The typical mission lasts for 15 hours and the broadcasts are used to influence foreign audiences with the U.S. side of a story, he said.

For example, to support relief efforts after the Haitian earthquake this year (2010), Commando Solo made a total of 28 trips and broadcast more than 260 hours of information; the government distributed hand-cranked radios so the Haitian people could hear the broadcasts about topics such as where to receive medical attention.

Much of what is broadcast is pre-recorded; however Commando Solo's personnel also can transmit live radio broadcasts, too. There are at least six radio transmitters on the plane and an equal number of television transmitters. The personnel can deploy both a vertical and horizontal antenna. The Air Force is looking at upgrading its transmission equipment to digital, according to Williams, who added the new equipment would be in containers that can be rolled on and off the planes so that the aircraft could also be used for other things. And no, they do not provide QSL cards from their broadcasts altitudes of between 25,000 and 35,000 feet. (Leslie Stimson, Radio World)

SHORTWAVE TRANSMITTER FOR SALE: NASB member KVOH, La Voz de Restauración, in California is selling a 50-kilowatt shortwave transmitter. It is an RCA BHF-100B which is around 40 years old. It was originally used by HCJB and went to KVOH about 15 years ago. It is currently configured to operate on two frequencies: 9975 and 17775 kHz. The location is Simi Valley, California – about an hour north of Los Angeles. The transmitter weighs 24,000 pounds. Those who would like more technical details may contact the station's engineer, Jim Shossner, at +1-805-581-5398 or Pastor Rene Molina at +1-323-445-5428. (Veraliz Cuellar, KVOH, vcuellarr@restauracion.com/NASB Newsletter)

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

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



fully sorry for such long time answering. Although we are very pleased that there are people who are interested in shortwave radio broadcasting outside borders of our country. We accept the fact of

STATION NOTES: Radio Kawsachun Coca 6075 Addr: Lausa N. Shinahota, Provincia de Tiraque, Tropico de Cochabamba, Bolivia. v/s Manuel Andres, Director. Email: radiokawsachuncoca@gmail.com WEB: <http://radiokawsachuncoca.blogspot.com> Radio Nederland Wereldomroep 6165 via Bonaire Email: cartas@rnw.nl Radio Cultura Ondas Tropicais 4845 Email: radiocultura@hotmail.com v/s Alvaro dos Santos Melo, Director Presidente Addr: Rua Maj Gabriel 25, Centro, Manaus CEP 69020-060 Brasil Radio Educadora de Braganca 4825 Addr: Rua 13 de Maio, s/n CEP 68600-000 Braganca, Brasil. Email: fundacaoeducadora@uol.com.br v/s Padre Mauricio Soares de Sousa, Presidente....via PLAY DX...Sam.

For the Return of All of the Abductees



Headquarters for the Abduction Issue
Government of Japan

ARMENIA: Voice of Russia 7250 * via Gavir f/d "VOR 80" cd. less site in 20 ds. for an Email rpt. (Kivell-FL).

BELARUS: First National Channel Grodno 7265 The station verified my rpt. w/ a site/frequency p/d Word attachment from the transmitter operator. My rpt. was sent to: inbox@brtpc.by (which also appeared on the letterhead of the attachment) but the reply came from: omts@brtpc.by. I presume either would be good for any future reports. The letter notes: "We are dread-

your reception our shortwave radio from Grodno. At present time RUE "BRTPC" carries out radio translation pf State radio programs "First National Channel of Belarusian Radio" and "Radio Channel Culture" RUE "BRTPC" wishes you to have a nice reception. We were amazed to receive your letter and thankful for your interest in us." (D'Angelo-PA).

CANADA: Korean Broadcasting System 9650 via Sackville f/d "2010 - 2012 Visit Korea" cd. in 19 ds. Also received a beautiful high quality

desk flip calendar for 2011 illustrating Korea's National Parks and a program schedule. (Kivell-FL).

FRENCH GUIANA: WYFR Family Radio 7360 f/d

* "50th Years of Family Radio WYFR"

cd. in 32 ds. for ms. and \$2.00

w/ a postcard. Also rcvd. program schedules, three books by Harold Camping, numerous pamphlets and a station sticker. (Kivell-FL).

GERMANY: Adventist World Radio 9845 via Wertachtal f/d "Voice of Hope" cd. w/ a short personal ltr. and some 2011 pocket calendars in 20 ds. v/s Eunice Calvo - Trindade, AWR Listener Services. She noted that the correct station address is: AWR, 1 Milbanke Court, Milbanke Way, Bracknell RG12 1RP, England. (D'Angelo-PA).

STATION NOTES: Radio NHK Japan 17580 via Meyerton v/s T. Sato Radio Television Eireen 6220 via Meyerton Email: bernie.pope@ rte.ie Radio Sweden International 15600 Addr: SR International, Oxenstiernsgatan 20, SE-105 10 Stockholm, Sweden. WYFR 5845 via Dushanbe Email:



info@familyradio.org Addr: WYFR, Family Radio, 290 Hegenberger Rd., Oakland, CA 94621 Radio Taiwan International 3965 Addr: P.O. Box 24-38, Taipei, Taiwan. TRT Voice of Turkey 11930 Email: espanol@trt.net.tr

WRN Premier League 5800 via Radio Ukraine International Email: freqdept@wrn.org v/s Michiel Wood. Radio Farda v/s Renata Simonkova, Secretary. Addr: RFE/RL, Vinohradská 159A, CZ-100 00 Prague 10, Czech Republic...via PLAY DX.

GERMANY (Euro Pirate): Germany Calling 6940 n/d cd. of "Planes,

* Stamps and Hitler" in 1 hour for an Email rpt. Also rcvd. a station disclaimer and links to German songs. (Kivell-FL).

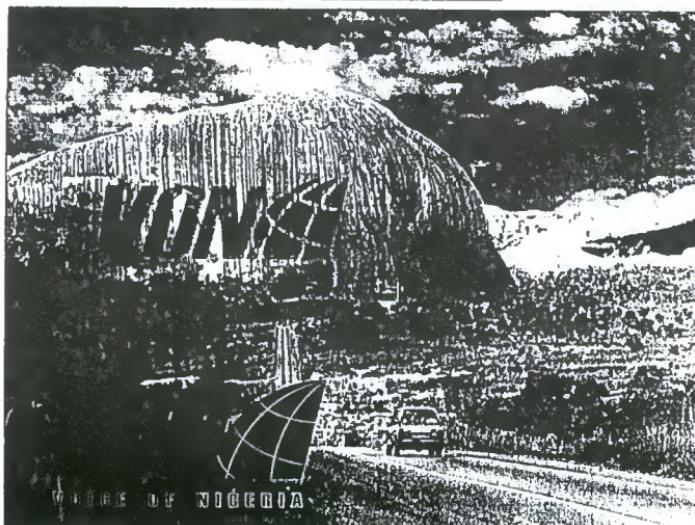
GUATEMALA: Radio Verdad 4052.5 letter, card and a beautiful station pennant in 1 mo. for a taped rpt. and \$2.00. Addr: Estacion Evangelica Educativa "Radio Verdad", Apartado Postal # 5, Chigulmula, Guatemala. Email: radioveddad.org (Smith-MA).

IRELAND (Euro Pirate): Atlantic Radio 6960 f/d cd. w/ photo of the

* station console along w/ a postcard of County Mayo. All in 77 ds. for an Email rpt. Listed as 70 watts. v/s Stephen Pendergast. (Wood-MA).

LITHUANIA: Rhein-

* Main Radio Club 6130 via Sitkunai f/d "Robert Kipp at DX Camp" cd in 27 ds. for an EG rpt. and 2 IRCS. v/s Heinz Schulz. (Wilkins-MO).



Pakistan Broadcasting Corporation
Frequency Management Cell, 303 - Pashawar Road,
Rawalpindi, Pakistan

ISO



PBC

Thank you for your report as per detail:

Frequency 11570 KHz

Monitoring time from 1502 to 1531 UTC

Monitoring date 31.1.2008

We would be glad to hear from you again

Verified by:

PST=UTC + 5 Hrs

anay Am
2008-01-31

MALAGASY REPUBLIC: Deutsche Welle 7380 via Talata - Volonondry f/d "20 Years of German Unity" cd. in 19 ds. for an EG rpt. and a postcard. (Kivell-FL)

PRIDNESTROVIE (Moldavian SSR): Radio PMR

6240 and 7370 the station verified my f/up Email rpt. in 1 day. v/s Anatoly Kirsa, Director of the Radio PMR, who apologized for not responding to previous rpts. because "our for-

mer building (Rozy Lyuksemberg 10) was destroyed in 2008 when the Dne-str River overflowed, so fortunately now we are in another building". Replies from Berg and Wilkins motivated me to do my f/up rpt. (D'Angelo-PA). 6240 f/d colored ltr. in 5 wks. (Young-CA)....Nice to hear from you...Sam.

USA: WCR 3255 via Nashville f/d "Special Test" cd. in 62 ds. w/ a personal note signed by Phil Patte, Chief Engineer, for a rpt. of the test transmission. (Kivell-FL). This QSL was rcvd. @



VERIFICATION OF RECEPTION (QSL)
Voice of America
Washington, DC 20547 USA

We are pleased to confirm your reception.

DATE: 8 MARCH 1993

UTC TIME: 1347-1912

FREQUENCY: 11,785 KHz

site: Udon, Thailand Test Transmission

Richard A. D'Angelo
2216 Burkey DRIVE
WYOMING, PA 19610

STATION NOTES: WTJC
9370 Email: fbn@fbn
radio.com WYFR 11725
via Khabarovsk
Email: info@family
radio.org Addr: WYFR
Family Radio, 290
Hegenburger Rd.,

Oakland, CA 94621 WYFR 9490 via Moscow same info. as above. International Radio Serbia 7240 Email: radioju@sbb.co.yu Addr: P.O. Box 200, Hilandarska 2. 11000 Beograd, Serbia. Radio City More Cars 9510 v/s Paul Kuhn. Email: citymorecars@yahoo.ca ...another reporter lists the v/s as Paul Kohn. Radio Joy Stick 9510 v/s DJ Charlie Prince Email: chapri@radiojoystick.de Radio Slovakia International 9695 Email: rsi-spanish@slovakradio.sk ...via PLAY DX...Sam.

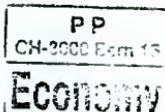
QSL: conferma rapporto d'ascolto

Data: 14 gennaio 2001

Ora: 13h14 - 13h31 GMT

Frequenza: 21.770 e 9.540 MHz

Grazie e cordiali saluti.



Signor
Mark Alexander Humenyk, VE3HMK
26 Crestridge-Heights Rd.
Weston Ontario
Canada M9P 1A4

E. Niedammer

SRI

USA (Pirates): WEAK Radio 6940 f/d Email cd. "Radio Electronics" in 32 ds. for a rpt. through the FRN. (Kivell-FL). Radio Casablanca 6940 f/d Email cd. w/ a scene from the film and a movie poster on a cd. Email was from Ric Baline. (Wood-MA). Thinking Man radio 6925 the station verified my email rpt. w/ an email reply in 1 day from TMR who noted "Yes you were indeed tuned into Thinking Man Radio and our show # 13. This was the first broadcast with our updated and improved dipole antenna. We experienced technical difficulties and had to cut the show short by about 5 to 8 minutes TMR is sorry for that but we have fixed things and we are back in business. This station is dedicated to FREE thought and reflection. Until next time, think as you and I are not what we eat...we are what we think." (D' Angelo-PA). Radio Mushroom 6925 f/d

Email reply to my Email rpt. in 6 days. Apparently, this is their 9th different QSL. The Email mentioned "This is the only Free Pirate Radio Station that is powered by pure nuclear energy". (D'Angelo-PA). KBOX Radio 6925 the station verified an Email rpt. w/ a f/d Email in 1 day. v/s Guy Fawkes (I've read that name somewhere...possibly English history...Sam.) In his Email reply the v/s wrote: " We are pleased to acknowledge that you did indeed hear our KBOX "Radio Paranoia"

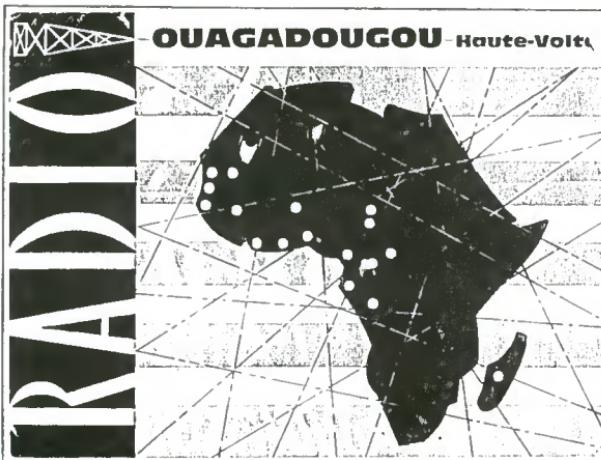
programme. We are most grateful for your signal report, and recognize your name from various shortwave radio or-

SOUTHERN SOUND



WE BELONG TOGETHER

STATION NOTES: Radio Nacional Bata 5005 v/s Julian Esono Ela, Speaker for the Program "Cartas del Oyente". Addr: Radio Bata, Apartado 749, Bata, Guinea Equatorial. Radio Taiwan International 9800 via Montsinery Report via the WEB: spanish.rti.org.tw/customerservice/ReceptionForm.aspx Radio Misiones International 3340 Addr: Apartado 20583, Comayaquela, Honduras. or P.O. Box 6321, San Bernardino, CA 92412 All India Radio 5010 via Thiravananthapuram Email: spectrum-manager@air.org.in Radio Republik Indonesia 4920 via Biak v/s Drs. Kemal Pramayudha S. Radio Maria 26000 Email: qsl@radiomaria.org Addr: QSL Manager, Giampiero Bernardini, Via Tertulliano 35, IT-20137 Milano, Italy...via PLAY DX.



iented journals. In particular we appreciate the details regarding signal strength and audio clarity. This information is very helpful, considering the erratic conditions this year. We hope that propaganda.. pardon our error..propagation will continue to favour our efforts at disseminating peace and harmony through Boxxification. We shall try again soon. Stay tuned. Be warned. The first KBOX programme was transmitted

PAR AVION

Radio Tirana, Tirana, Albania

Dear Richard, we are pleased to confirm that you have heard Radio Tirana on 6115 kHz, date 27/05/04

Your valuable opinions on our programmes will always be appreciated.

Yours sincerely

Radio Tirana International
Correspondence Section

RADIO
TIRANA
ALBANIA

Richard P. D'Angelo
2216 Burley Drive
Wyoming PA 18810
U.S.A.

ularities of radio in general. We have a diverse background in radio production dating back several years. Now, virtually all of our production is assembled using computer equipment and software, with the occasional exception of the use of older materials on tapes. We are also

fans of free radio and frequent listeners for broadcasts from the Americas and Europe - in fact, our first confirmed reception of a free radio broadcast was of Spider Radio in Greece. Free radio offers a wonderful eccentricity and diversity seldom matched

Mr.: Scott R barbour.

Dear sir,,

We have received your letter on 20 / 12 / 2002

We would like to thank you for your following- up programmes of voice of Africa and also your notices.

We hope bridges of ties to be continued between us, welcoming your openions and contributars.

With best regards

Researches and studies section
Listeners affairs
Voice of Africa

tact AM 6315.8 Email: radiocontactam@gmail.com
international 6295 Addr: SRS Germany, Devalon, P.O.
Eisenach, Germany v/s Steve Young. Radio Doctor Juice 6265.8 v/s Doctor Apple (you gotta be a bit more creative like Dr. Adam Apple) same

CFVP

October 2, 2002

Randall Shreve, KD7PCW
5681 South 6800 West
Hooper, UT 84315
USA

Dear Randall:

We recently received your reception report of CFVP and are pleased to verify the following:

Station Received:	CFVP Calgary, Alberta, Canada
Station Frequency:	6030 kHz
Station Power:	100 watts
Station Location:	50° 54' N, 113° 52' W
Reception Location:	Hooper, UT, USA
Reception Time/Date:	0330 UTC, September 16, 2002
Received by:	Randall Shreve

Thanks for taking the time to send us a report.

in October 2009, with two shows in October including a Halloween flavoured programme; a January 2010 salute programme in memory of Art Clokey, the creator of Gumby; an April Fools Day 2010 show; and this September 2010 programme, our fifth. Our programme content celebrates popular culture, with particular emphasis on internet fads and the pec-

STATION NOTES: Radio Cochiguaz 6291 Addr: Casilla de Correo 159, Santiago 14, Chile Email: radio_cochiguaz@yahoo.com Radio Con-

Radio Devalon Inter-
Box 10 11 45, D-99801
Radio Doctor Juice 6265.8 v/s Doctor Apple (you gotta be a bit more creative like Dr. Adam Apple) same as SRS Germany. Radio Galaxy Poland 6553 Email: gixradio@gmail.com Radio Joy Stick - Italian Radio Relay Service 9510 via Rimavská Sobota Addr: Postfach 23 31, D-55512 Bad Kreuznach, Germany... via PLAY DX... Sam.

by conventional radio, although there are a few interesting podcasts notably Ragnar Daneskjold's Pirates Week podcast, and Radiolab via WNYC." (D'Angelo-PA)

I only have 2 QSLs to go so I will hold those over to the new year.

Contributors' Page

Bob Montgomery • 86 Pumpkin Hill Road • Levittown, PA 19056 • rmonty23@verizon.net

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER , Mechanicsburg, PA	RX-340, two 100' LW
Scott BARBOUR , Intervale, NH	NRD545, MLB-1, 200' Beverages, 60m dipole
Rick BARTON , El Mirage, AZ	Drake R8, lw, rw
Eric BUENEMAN , Hazelwood, MO	ATS803S, MFJ-1778, G5RV, MFJ956 tuners
Mark COADY , Peterborough, ONT	Eton E-1, G5RV
Rich D'ANGELO , Wyomissing, PA	TenTec RX340, DX Sloper
Mick DELMAGE , Sherwood Park, AB	Kenwood R-5000, KLM 7-30 MHz Log
Gerry DEXTER , Lake Geneva, WI	NRD-545, Parker balanced doublet antennas
Jim EVANS , Germantown, TN	RX340, R8B,E1, ICF -SW7600G, 90' attic wire
Bob FRASER , Belfast, ME	Sony ICF-2003 ICF-SW100S 2m LW
S. HANDLER , IL	no equipment listed
Glenn HAUSER , Enid, OK	FRG-7, SW-07, YB400 random wires
Ron HOWARD , Asilomar Beach, CA	etón E-1
Victor JAAR , Longueuil, QUE	R75, longwire
William McGUIRE , Cheverly, MD	DX-380
Robert MONTGOMERY , Levittown, PA	NRD535DB, active antenna
Richard PARKER , Pennsburg, PA	51S-1-X, R390A, SE3, ant. farm
Harold SELLERS , Vernon, BC	E-1 and Sony AN-1 antenna
Giovanni SERRA , Rome, ITALY	NRD-525 AD Sloper
Jerry STRAWMAN , Des Moines, IA	Perseus SDR, PAORDT mini whip
Mark TAYLOR , Madison, WI	R-75, eton E1, 2 Flexennas, EWE
Ed WLODARSKI , NJ	RX340, 100' lw

Hope one and all had a very nice Holiday Season and wish you a healthy good new year in 2011.

Tropical Band Loggings

2000-5900 kHz

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

- 2310 **AUSTRALIA VL8A** Alice Springs 0910 First check found audible lvl; rechecked again at 1000 w/ ID; sig had dropped to noise floor; 1125 nice lvl w/ some fades but now at s7; much better; plagued by static crashes; 11/22. (Montgomery/FCDX-PA) 1140-1150 Pop mx prg; fair; //2325 & 2485-poor; 11/26. (Wlodarski-NJ) 1317 (P); W ancr w/ country mx ballad; fair; //2325-fair; 2485-poor; 11/27. (Taylor-WI) 1040 Noted here w/ good sig; 11/29. (Wilkner-FL) 1111-1115 EE nx prg; fair; //2325 & 2485-fair; 12/5. (Wlodarski-NJ) 1330 Fanfare into ABC News; this was the best of the three VL8's this morning; poor; 12/9. (Sellers-BC)
- 2325 **AUSTRALIA VL8T** Tennant Creek 1149-1204 M ancr hosting mx prg w/ old time jazz trumpet followed by The Who; ABC ID & promos at 1202; poor but best of the lot w/ both //2310 VL8A-Alice Springs & 2485 VL8K-Katherine v. poor; 11/22. (D'Angelo/FCDX-PA) 1011-1015 EE pop mx prg; fair; //2310 & 2485-poor; 11/23. (Wlodarski-NJ) 1233 Extended EE talk by W ancr; poor; 11/28. (Taylor-WI) 1040 Noted here w/ weak sig; 11/29. (Wilkner-FL) 1002 Ancr in EE w/ mx related banter; pop mx including REM, "End of the World..."; weak & fairly clear; 12/7. (Barbour-NH)
- 2368 **AUSTRALIA R. Symban** 1144-1200 Typical Greek mx & talk w/ M ancr; fair; 11/20 & 25. (Wlodarski-NJ) 1141 Greek mx; poor; just audible; 12/5. (Wlodarski-NJ)
- 2485 **AUSTRALIA VL8K** Katherine 1138-1145 Pop mx prg in EE; fair; //2310 & 2325-poor; 11/20. (Wlodarski-NJ) 1030 Noted here w/ some audio; best of the three VL8's; 11/23. (Wilkner-FL) 1415-1445 Stn promos; "ABC Now"; fanfare mx & nx at BoH; lvl dropped where all could be heard was ment. of "Tamil Tigers"; only a trace heard on //2310 & 2325; 12/2. (Barton-AZ)

- 1510 Pop mx; 1513 lcl TC into interview re American political scene; p-f; //2310 & 2325-poor; at 1542 2310 & 2325 were the better freqs; 12/3. (Sellers-BC) 1100 Noted here w/ good sig; 1/29. (Wilkner-FL)
- 2850 **NORTH KOREA KCBS** Pyongyang 1219-1225 Two M ancr in KK w/ long discussion; poor but audible; 11/20. (Wlodarski-NJ) 1125-1130 M & W ancr w/ typical, long KK cmntary; p-f at peak; 11/24. (Wlodarski-NJ) 1332 Usual choral mx; S9+18; 12/12. (Hauser-OK)[nice catches-ed.]
- 3160.04 **HUSA WPJK** Orangeburg-SC 1300-1320 2nd harmonic of 1580; several ancments; gospel mx; talk at 1310; v. weak but readable on peaks; 1320 f/out; 2 x 1580; tnx G. Hauser tips; 11/26. (Alexander-PA) 2213 Weak carrier from WPJK; 2 x 1580; w/ bits of audio & it cuts off at 2217:08*; 12/3. (Hauser-OK) 1300-1315 Gospel mx; talk at 1310; v. weak but readable on occ peaks; f/ out by 1315; 12/5. (Alexander-PA) 1230 No sig; finally *1239:32 carrier; 1239:55 s/on; S9+18; best yet; 12/10. (Hauser-OK) *1232-1303 S/on w/ opening ID ancments; gospel mx at 1233; wx forecast at 1241; ads; v. weak but fair on peaks; 12/11. (Alexander-PA)
- 3200 **SWAZILAND TWR** Manzini 0313 (P); M ancr w/ long talk in listed Ndeble; sermon?; poor; 12/8. (Taylor-WI)
- 3250 **HONDURAS R. Luz y Vida** San Luis 1115-1130 Modern SS ballad type mx; good; 11/20 & 23. (Wlodarski-NJ) 0354-0357* M ancr w/ SS talk prior to closedown ID & ancments followed by orchestra NA; fair; 11/23. (D'Angelo/FCDX-PA) 0030 The one noted here; 12/1. (Wilkner-FL) 1134-1145 M ancr w/ EE relg talk; W ancr w/ SS translation; fair; 12/6. (Barbour-NH)
- 3255 **SOUTH AFRICA BBC** Meyerton 0321 Prg "The World Today" in EE; interview of a rap artist, Shine; 0328 ID "BBC African Service" 11/22. (Montgomery/FCDX-PA) 2115-2120 Nz prg in EE; fair; 12/11. (Wlodarski-NJ)
- 3275 **PNG-NEW GUINEA TERRITORY R. Southern Highlands** Mendi 1206-1215 Lcl type mx; 1209 M ancr in Tok Pisin w/ ad then more lcl type mx; fair; 11/25. (Wlodarski-NJ)
- 3279.75 **ECUADOR LV del Napo** Tena 0113 M & W ancrs w/ talk; sounded like relg prg; S7 lvl; (P) ID; 11/22. (Montgomery/FCDX-PA) 3279.9 0255-0308* SS talk; relg & some Ecuadorian mx; abrupt s/off; v. weak in noisy condxs; they seem to consistently s/off at 0308; 11/19. (Alexander-PA) *0939-1005 Abrupt s/on w/ SS talk; lcl Ecuadorian mx; p-f; 11/19. (Alexander-PA) *0939-1015 Abrupt s/on w/ lcl mx; relg talk at 0940 in (P) Quechua; some lcl Ecuadorian mx after 1001; SS talk w/ ID at 1014; stn promos; fair but slightly muffled audio; appears to always s/on at exactly 0939 each day; 11/25. (Alexander-PA) *0939-1015 Abrupt s/on w/ SS talk; Ecuadorian mx; fair but audio somewhat muffled; 12/3. (Alexander-PA) 3279.92 1045 Noted here w/ distorted sig; 12/2. (Wilkner-FL) 3280 0954-1000 Relg chanting mx; poor audio but sig strength was good; 11/20. (Wlodarski-NJ) 0115-0146 M & W ancrs preaching in SS; several "Radio Maria" IDs at 0132 followed by mx & more relg talks; fair; 11/22. (D'Angelo/FCDX-PA)
- 3280 **CHINA V. of Fujiang** Shanghai 1539-1548 Couple of talks in CC; over-modulated making for bassy audio; fair; 12/3. (Sellers-BC)
- 3290 **GUYANA GBC** Georgetown 0843-0850 Hindi style mx; EE ID at 0845; good; 11/20. (Wlodarski-NJ) 0958 M ancr at t/in in EE; four pipes at ToH & M ancr w/ nx; S9 carrier w/ low audio; 11/22. (Montgomery/FCDX-PA) 0943-0950 Soca & Hindi type mx; M ancr in EE w/ listener requests; good; 11/24. (Wlodarski-NJ) 0320 Orchestral mx; 11/27. (Wilkner-FL) 0000-0030 No carrier at all; off the air?; back at 0845-0905 w/ SC mx into Dave Brubeck "Take 5" and "I Saw Mother Kissing Santa Claus"; Brubeck's 90th birthday; http://www.youtube.com/watch?v=BwNrmyRiX_o; 12/1. (Wilkner-FL) 0615 I have a v. hard time pulling anything readable from GBC; but I could at least make out some weak talk as the "mutant carrier" nearby was missing; 3290 was slightly on the low side compared to whatever was on 1290; 12/3. (Hauser-OK) 0923-0930 Hindi type mx; fair; 12/12. (Wlodarski-NJ)
- 3290 **PNG-NEW GUINEA TERRITORY R. Central** Boroko 0953-1005 Heavily accented M ancr in EE w/ impassioned talk; slow mx bit; diff. M at ToH in (P) vern. w/ ID; in the clear w/ sig to 15dB but too weak for my ears; 10/29. (Parker-PA) 1109-1115 M ancr w/ nx in EE followed by ID at 1114; fair; 11/25. (Wlodarski-NJ) 1323-1406* Pop island songs; children singing anthem from 1404-1406*; 12/6. (Howard-CA)
- 3310 **BOLIVIA R. Mosoj Chaski** Cochabamba *0830-0843 S/on w/ NA; ID & freq ancmnt followed by lcl mx at 0833; good; 11/20 & 23. (Wlodarski-NJ) 2240-2316 Long talk by M ancr in Quechoa; after 2300 ID, W ancr hosting mx prg; p-f; 11/22. (D'Angelo/FCDX-PA)
- 3315 **PNG-ADMIRALTY ISLAND R. Manus** Lorengau 1226-1235 Lcl type mx prg w/ listener requests; fair; 11/25. (Wlodarski-NJ) 1045 M ancr in vern; good; 11/29. (Wilkner-FL)
- 3320 **NORTH KOREA PBS** Pyongyang 1538 KK songs; f-g; //3250-good; 12/3. (Sellers-BC) 1244 Triumphant choral mx; 12/10. (Hauser-OK)
- 3320 **SOUTH AFRICA R. Sondergrense** Meyerton 0145-0150 Classical mx prg; fair; 11/25. (Wlodarski-NJ) 2112-2115 Pop & country mx; good; 12/11. (Wlodarski-NJ)
- 3329.53 **PERU Ondas del Huallaga** Huánuco 1010-1017 M ancr en espanol w/ 3330-CHU notched; 11/26. (Wilkner-FL) 0005 M ancr w/ mx; good w/ CHU notched; 12/1. (Wilkner-FL)

- 3339.97 **HONDURAS HRMI** Comayaguela 0500-0519* Some SS ancments but mostly conts. relg mx; abrupt s/off during mx; poor; weak in noisy condxs; 11/21. (Alexander-PA) 3340 0240 (P); M ancr in SS over ballads; sounded like call-in prg; poor & choppy, like txmitter kept cutting out; unusable by ToH; 11/16. (Barbour-NH) 0406-0502* M ancr preaching in SS followed by soft relg mx at 0414 ending prg; mix of easy mx & SS talks by M & W ancrs; vcl at 0456 followed by W w/ ID & s/off ancmnts; soft mx followed until carrier was terminated; tnx S. Barbour tip; poor; 11/17. (D'Angelo-PA) 3340 0101 (T); M & W ancrs w/ talk; no nx heard at ToH; sounded like radio drama; S9 lvl; occ. ute QRM; 11/22. (Montgomery/FCDX-PA) 1010 Noted here w/ distorted, muffled sig; 12/1. (Wilkner-FL)
- 3350 **COSTA RICA REE** Cariari de Pococi 0520 M ancr w/ SS talk then brief mx & ID at 0526; poor; //6055-Noblejas; 11/13. (Coady-ONT)
- 3365 **BRAZIL R. Cultura Araraquara** 2354-0005 Samba type mx; ID at 0000 w/ freq ancmnt; fair; 11/19. (Wlodarski-NJ)
- 3365 **PNG-NEW GUINEA TERRITORY R. Milne Bay** Alotau 1204-1218 W ancr w/ nx; island mx prg at 1208 hosted by W ancr; poor; 11/22. (D'Angelo/FCDX-PA) 1055-1100 Lcl type mx; poor & barely audible; 11/23. (Wlodarski-NJ)
- 3375 **BRAZIL R. Municipal** São Gabriel da Cachoeira 0925-0940 Promo for a concert; 0931 M ancr w/ ID & stn jingle; fair; 11/23. (Wlodarski-NJ) 3375.31 0000-0045, Brasilian mx; 12/1. (Wilkner-FL) 3375.34 1016 Brazilian mx & M ancr; strong sig; 11/23 & 25. (Wilkner-FL) 3375.4 1015-1020 Barely audible this morning w/ ballad type mx; 12/12. (Wlodarski-NJ)
- 3385 **PNG-NEW BRITAIN R. East New Britain** Rabaul 1110-1122 W ancr in Tok Pisin w/ NBC nx relay; ments. of Indonesia, Malaysia & other regional locales; NBC ID at 1121 into choral mx; fair; still the most consistent PNG I can log here in N.H.; 11/16. (Barbour-NH) 1120-1130 Mx prg w/ listener requests; lcl type mx; fair; 11/20. (Wlodarski-NJ) 1209-1223 W ancr w/ nx in EE; ended at 1215 & mx prg began; poor; 11/22. (D'Angelo/FCDX-PA) 1109-1115 W ancr w/ lcl nx items; poor; 11/24. (Wlodarski-NJ) 1215 W ancr in Tok Pisin w/ QRM from a "rasper" stn grinding away over the b/cast; poor; 12/9. (Barton-AZ)
- 3480 **NORTH KOREA AINDF** Wonsan 1055-1104 M ancr w/ strident KK talk; ballad at 1057 into orchestral mx & M ancr at ToH; mx bit at 1102; alternating talk by M & W ancr thru t/out; fair; //4450-poor; 11/16. (Barbour-NH) 1240 (P); Strident KK talk by M ancr; poor; 11/28. (Taylor-WI)
- 3905 **PNG-NEW IRELAND R. New Ireland** Kavieng 1333-1347 Special coverage of a speech given in EE for the observance of World AIDS Day; "N-B-C New Ireland" ID; 12/1. (Howard-CA) 1336-1346 Pop island songs; DJ w/ dedications; gave address: "N-B-C New Ireland, PO Box 477, Kavieng or into studio 984 2489"; singing jingle for "number one radio station"; anthem & 1404*; 12/6. (Howard-CA)
- 3912 **SOUTH KOREA V. of the People** Kyonggi-do 1320 KK talk; poor; no noise jamming detectable; did not try to // them because too weak; 12/12. (Hauser-OK)
- 3925 **JAPAN R. Nikkei** Tokyo-Nagara 1024-1030 Radio play in JJ; fair; 12/12. (Wlodarski-NJ)
- 3931v **CLANDESTINE-IRAQ R. Voice of Kurdistan** 0307-0320 (P); M ancr in (P) Kurdish under heavy jamming & some ARO splatter; v. poor & only intermittent; 11/22. (D'Angelo/FCDX-PA)
- 3945 **UNIDENTIFIED** 1328 Surprised to find W in pop song; stronger than & not //3925-J0Z R. Nikkei 1 on 3925; could it possibly be Vanuatu w/ such a sig; Aoki shows J0Z5; the behaviour points to J0Z for both; 11/25. (Hauser-OK)
- 3965 **IRAN VOIRI** Zahedan 0222-0227* Middle East mx; W ancr to 0025; short mx piece at 0227*; this a move from 3945?; heard many days since; 12/2. (Young-CA)[x-3945?, not sure-ed.]
- 3985 **CROATIA Hrvatski Radio** Deanovec 0311 M & W ancrs w/ "Croatia Today"; nx headlines at 0314 into Croatian pop mx; weak; 11/24. (Coady-ONT) 3985.09 0458-0600* Finally heard here; 2+1 pips at ToH; talk & mx prg until 0600*; //7375-Wertachtal; 12/8 & 9. (Young-CA)
- 3985 **SOUTH KOREA Echo of Hope** Hwaseong 1320 Mainly noise jamming; 12/12. (Hauser-OK)
- 3990 **CHINA Xinjiang PBS** Urumqi 0054-0146 Mostly talk in listed Uighur; //4980; all these stns v. good this evening: 5060 in CC w/ //3950 & 5960; 4500 in Mongolian; 4330 in Kazak w/ //6015. 12/8. (Young-CA)
- 3995 **UNITED KINGDOM Deutsche Welle** Skelton 2150-2200* Two M ancrs in GG w/ some mx before end of prg followed by ID & closedown; fair; 11/21. (D'Angelo/FCDX-PA)
- 4052.47 **GUATEMALA R. Verdad** Chiquimula *1112-1130 S/on w/ organ mx; SS ancmnts & relg mx; v. weak in noisy condxs; 11/18. (Alexander-PA) 4052.5 0351-0356 M preaching in SS; sig to 50dB; g-exc.; Welcome Back, Pastor Edgar!; 11/7. (Parker-PA) 0602 Amid NA before closing' fair & clear sig; 11/20. (Hauser-OK) 2328-2350 SS relg sermon by M ancr; fair; 11/24. (Wlodarski-NJ) 0558 Mx & talk; just before s/off; poor; 12/3. (Hauser-OK) 0400 M ancr w/ relg talk; 12/8. (Wilkner-FL)
- 4220 **CHINA Qinghai PBS** Xining 2313-2340 Mix of Tibetan talk by M & W w/ some indigenous vcls & flutes; p-f but rapidly fading at t/out; 11/22. (D'Angelo/FCDX-PA)
- 4319U **DIEGO GARCIA AFN** 2113 Hilary Clinton w/ talks re TSA & pat down of air passengers; S9 lvl w/ some RTTY QRM; remarkable sig if still running at 3kw; 11/21. (Montgomery/FCDX-PA)

- 4409.8 **BOLIVIA R. Eco** Reyes 2243-2313 Boy George song (!) followed by formal, canned ID & freq anc-
ment; mix of talks in SS by M ancr & CP vcl selections; another canned ID at 2301; p-f; 11/22.
(D'Angelo/FCDX-PA) 4409.85 0003 M ancr en espanol; f-g; 12/1. (Wilkner-FL)
- 4450 **NORTH KOREA KCBS** Pyongyang 1922-1932 (P); Two M ancrs w/ vern. talk; best heard in USB
w/NIR12 & inter-audio filter; strong rustle & moderate crackle at times; poor; 11/14. (Serra-
Italy) 2312-2324 Ancr w/ long, fast-paced talk in vern. until 2318; anthem until 2321; M & W
ancrs w/ talk; best heard in SSB w/ ute at times & moderate static; increasing from 2316; fair;
12/04. (Serra-Italy)
- 4450 **SOUTH KOREA V. of the People** Kyonggi-do 1318 (P) W ancr w/ KK talk; slightly on lo side of
channel compared to MW 1450; (P) VoP rather than the KNDF/PBS jammer; only hearing one
of them, anyway; poor; 12/12. (Hauser-OK)
- 4451.1 **BOLIVIA R. Santa Ana Santa Ana de Yacuma** 2334-2346 M ancr w/ SS talk & ID in passing fol-
lowed by rustic vcls; poor; 11/21. (D'Angelo/FCDX-PA) 4451.2 2330-2355 The one noted here;
12/4. (Wilkner-FL)
- 4500 **CHINA Xinjiang PBS** Urumqi 0042-0105 M & W ancrs w/ talk in listed Mongolian & brief mx
selections; including disco-era Bee Gees cover tune; 5 pips at ToH & W ancr w/ (P) ID; right
back to more M & W ancr; p-f at best; battling w/ ute QRM; 12/7. (Barbour-NH)
- 4700 **BOLIVIA R. San Miguel** Riberalta 0904-0910 0904 W ancr w/ SS relg cmntary followed by lcl mx;
fair; 11/23. (Wlodarski-NJ) 1000 The one noted here; also 0000; every day; 11/27. (Wilkner-FL)
1038-1050 M ancr w/ SS relg talk; p-f; 12/11. (Wlodarski-NJ)
- 4716.19 **BOLIVIA R. Yura** Yura 1000 The one noted here; also 0000; every day; 11/27. (Wilkner-FL)
4716.7 0053-0112 Nice vcl by M followed by M ancr over mx; M & W w/ some sort of an anc-
ment; canned ID at 0100 by diff. M followed by a segment of rustic vcls; talk by M & W ancrs;
fair; 11/22. (D'Angelo/FCDX-PA) 0152-0200 Modern dance mx; poor; 11/25. (Wlodarski-NJ)
- 4746.9 **PERU R. Huanta** 2000 Huanta 1027-1035 W ancr w/ SS talk thru BoH; weak-poor; 11/16.
(Barbour-NH) 1025-1030 M & W ancrs w/ cmntary; (P) relg in nature; fair; 11/26. (Wlodarski-NJ)
4746.96 1025-1033 M ancr w/ SS talk thru BoH; fair; strongest here in quite some time; 12/7.
(Barbour-NH) 4746.97 1022-1050 Musica peruana w/ ID by M ancr; 11/26. (Wilkner-FL) 1033-
1040 Lcl type mx; M ancr at 1034 w/ ID; good; 12/11. (Wlodarski-NJ)
- 4750 **BANGLADESH Bangladesh Betar** Shavar 1126-1138 (P); Bollywood-like duet at t/in; W ancr
at BoH in unid lang.; mx bit & more ancr thru t/out; weak-noisy; checked for co-ch. CNR //';
4800-barely audible; 5030-too much 5025 Rebelle splash; 4460-not even a carrier; needs more
monitoring here; 11/16. (Barbour-NH) 1358-1515 (T); SC style vcls; M ancr in unid lang; 1406
re-check: talk until 1410 in lang that sounded like GG(!?); peaked to p-f at 1450 but then
rapidly began to drop out; v. poor; 12/3. (Sellers-BC) 1450-1500* ID; speech in (P) Bengali
w/ many references to "Bangladesh"; better than co-ch. CNR1; next day found CNR1 stronger;
RRI continues to be off the air; 12/6 & 7. (Howard-CA) 1128-1145 (T); Hindi type music; two
M ancrs in (P) Bengali; TC at 1130; two M ancrs w/ long cmntary; more Hindi mx at 1146; f-g
at times; 12/12. (Wlodarski-NJ)
- 4750 **UNIDENTIFIED** 1118-1130* M & W talk in Oriental sounding lang until segment of instrumental
mx at 1129 when stn just disappeared; p-f prior to ending txmission; 11/23. (D'Angelo/FCDX-PA)
- 4754.9 **BRAZIL R. Imaculada Conceição** Campo Grande 0015 "Santa Maria...Ave Maria" relg prg; 12/1.
(Wilkner-FL) 0918-0930 Hymn type mx along w/ PP relg talk; fair; 12/11. (Wlodarski-NJ)
- 4755 **INDIA AIR Imphal** 1307-1512 Tnx to the tip from by J. Jacob, via dx_india yg, I heard this
anomaly: off their normal 4775; randomly from 1307-1512; at 1359 nice ad in Hindi for the
loan services of the Manipur State Co-operative Bank Ltd., w/ their "special employment gen-
eration program"; ments: "Managing Director, Manipur State Co-operative Bank Ltd., Imphal";
strongest recepx ever heard; 12/12. (Howard-CA)
- 4760 **ANDAMAN & NICOBAR ISLANDS AIR Port Blair** 1130-1154 Mx at t/in; 1140 W ancr in vern;
SC mx; M & W ancrs; f/out 1154; 12/2. (Wilkner-FL) 1616-1626 (P); In Hindi; sounded like a
speech from parliament; //4880 & 9425; speech still going after 1633; 12/3. (Howard-CA) 1527
Pips at 1530; W ancr w/ "This is Andaman Radio...The Headlines"; nx to 1535; fading badly by
1542; 12/4; almost nothing here same time frame 12/5. (Young-CA) 1502-1530 Mx at t/in to
1515; single tone then M ancr; ads; jingles & singing to 1524; talk to pips at 1530; lcl ID into
nx by W ancr; 12/9. (Young-CA) 1512 (P) One of their stronger recepxs; ended lcl prgrmng &
started audio feed from Delhi; format: 1512-1515 Ads in Hindi for bank loans, etc.; 1515-1530
nx in Hindi; 1530-1545 news in EE; at 1545 returned to lcl prgrmng; 12/11. (Howard-CA)
- 4760 **SWAZILAND TWR** Manzini 1645-1659* M ancr in (P) Shona & some brief mx breaks; children &
M chorus chant; two M ancrs w/ relg talk ment. Iglesia; mx break & final amen; chorus chant;
ID & drew at 1659; brief IS & sudden s/off; best heard in USB to null het; fast QSB w/ S9+15 of
peak; moderate static; good; 12/05. (Serra-Italy)[TWR sked lists lang. as Ndu at this time-ed.]

- 4765.06 **TAJIKISTAN** *Tajik Radio* Yangiyul 1938-1948 M ancr in vern. w/ mx bits; M & W chatting for radioplay; best heard in USB; fast QSB; moderate rustle & mild crackle at times; poor/almost fair; 11/14. (Serra-Italy) 2326-2337 Lcl chant w/ instrumental mx; M & W ancments in vern. & ID as "Radio Tajikistan" in passing; some brief lcl mx pauses w/ more ancments & IDs; best heard in SSB w/ moderate QSB & mild rustle; fair; 12/04. (Serra-Italy) 4765.07 0138 Mx & vcls; ancments to 0200; fading badly by 0211; observed daily since 12/2 but never v. strong; 12/9. (Young-CA) 4765 0108-0130 W ancr w/ talk in listed Tajik between "Persian"-like mx selections; fair at t/in; f/out under band noise; pretty much unusable by BoH; 12/7. (Barbour-NH)
- 4774.90 **PERU R.** *Tarma* 1020-1040 Noted here w/ mx; good sig; 11/25. (Wilkner-FL) 4775 2302-2310 Lcl type mx w/ ID at 2303; SS sermon w/ many ments. of "Santa Maria"; good; 11/14. (Wlodarski-NJ)
- 4775 **SWAZILAND** *TWR* Manzini 0342-0412 Group vcl followed by M ancr preaching in listed Lomwe; carrier cut at 0358 w/ GG svc commencing at 0400; fair; 12/9. (D'Angelo-PA)
- 4780 **DJIBOUTI** *RTD* Atta 2042-2103* Mx prg hosted by W ancr w/ ID & closedown ancments at 2100 followed by orchestral NA at 2102; p-f but rapidly improving to almost good by s/off; 11/22. (D'Angelo/FCDX-PA) 2045 W ancr w/ ID at ToH; NA & off; carrier still there but audio off at 2103; 11/22. (Montgomery/FCDX-PA) *0300-0350 S/on w/ NA followed by rustic lcl mx & AA talk; Qur'an at 0303; AA talk at 0313; lcl chants at 0330; rustic tribl mx; weak; sig usually stronger than this; 11/25. (Alexander-PA) 2044-2103* Non-stop HoA chants w/ instrumental mx; brief anment at 2058; again lcl song; s/off anment at 210; anthem & s/ off at 2103; best heard in SSB & AM too; mild fast QSB w/ S9+20 of peak; lite static at times; good; 11/27. (Serra-Italy) 0320 Noted here w/ M ancr; strong sig; 11/27. (Wilkner-FL) 0309-0410 Recitations by M followed by long AA talk from 0317; 0331 dead air followed by ID & M ancr w/ nx; mx prgrming followed from 0339; fair; 11/28. (D'Angelo-PA) 2053-2102* Lcl type mx; ID by M ancr in AA at 2100; abruptly off during NA at 2102; good; 12/1. (Wlodarski-NJ) 2040-2045 M & W ancr w/ mx prg; good; 12/11. (Wlodarski-NJ)
- 4795.97 **BOLIVIA R.** *Lipez* Uyuni 0000 Noted here w/ M ancr; v. strong, clear sig; 12/1. (Wilkner-FL) 4796 2235-2242 Rustic vcls hosted by M ancr w/ SS talks & lcl references "Potosí"; several ancments or ads & more rustic mx; poor; 11/22. (D'Angelo/FCDX-PA) 0926-0940 Lcl type mx; jingle ID at 0928; poor; 11/25. (Wlodarski-NJ)
- 4800 **CHINA** *CNR1* Geermu 2353-0001 (P); M & W ancrs w/ CC talk; weak; f/in & out of the noise; mx just prior to 0000 then more talk; 12/6. (Evans-TN)
- 4805 **BRAZIL R.** *Difusora do Amazonas* Manaus 0938-0950 0941 M ancr in PP w/ ID & ads; 0943 another ID w/ freq anment followed by pop mx; good over CODAR; 11/23. (Wlodarski-NJ) 1026 M ancr in PP; fair; 11/26. (Wilkner-FL)
- 4810 **INDIA AIR** *Bhopal* 0111-0115 Hindi vcls; ancments; M talking past 0119; CODAR & ute via 4812; 12/9. (Young-CA)
- 4824.4 **PERU LV de la Selva** Iquitos 1037-1046 (P); Up-beat SS mx w/ brief, canned exclamation between selections; weak-poor; 11/16. (Barbour-NH) 1054-1100 Lcl type mx; ID at 1058; good; 12/11. (Wlodarski-NJ) 4824.49 1045-1100 Exc. mx; good sig; v. enjoyable; 11/26. (Wilkner-FL) 4824.5 1103-1124 M ancr w/ SS talk; ID & TCs hosting morning mx prg; p-f w/ heavy CODAR marring recepx; 11/23. (D'Angelo/FCDX-PA) 1034-1040 Morning prg w/ hyped-up ancr; rooster crows; music & birthday anments; good; 11/24. (Wlodarski-NJ)
- 4835 **INDIA-SIKKIM AIR** *Gangtok* *0052 Carrier on but wiped out by WWCR-4840 w/ the latter coming on at 0056; has been here daily 11/30-12/9; also heard daily 1400-1600; 11/30. (Young-CA) 1315-1430 Noted exactly on freq; are they really back on freq to stay this time?; x4837.19; 11/29-30 & 12/1. (Howard-CA)
- 4840 **INDIA AIR** *Mumbai* 1434 Sports nx in EE followed by the nx in Hindi; fair; 12/3. (Howard-CA)
- 4840 **USA** *WWCR* Nashville 0330 WWCR's DX Block was back this week; after having been replaced by a preacher last week w/out explanation (a make-good?); transitioning from "DX Partyline" to "World of Radio 1542"; 12/12. (Hauser-OK)
- 4865 **BOLIVIA R.** *Logos* Santa Cruz 1010-1020 M ancr in SS w/ nx; fair; 11/24. (Wlodarski-NJ)
- 4870 **INDIA V. of Kashmir** 1443-1503 (P); Assume is Radio Sedaye Kashmir in vern. w/ a lot of SC mx; first time I have heard this; almost fair; 11/25. (Howard-CA)
- 4877.8 **BRAZIL R.** *Difusora Roraima* Boa Vista 0055-0119 (P); M ancr w/ PP talk & ballad; into diff. ancr at 0101; sounds "live"; more mx & talk; poor; Quick re-check at 0234: strong sig w/ mx & pulled the plug at 0236*; way off nominal 4875; 11/16. (Barbour-NH) 4878.2 0349-0358* Tnx to S. Barbour tip noted w/ several Brazilian pop tunes; 0356 M ancr in PP w/ ID and closedown ancments which was followed by choral NA; carrier was terminated during the anthem; fair; 11/17. (D'Angelo-PA)
- 4880 **INDIA AIR** *Lucknow* 0050-0121 Noted back on freq w/ typical Hindi flute mx; vcls at 0058; ancments at 0101 then back to more M & W vcls & flutes past 0107; ancments & ancr talk; 12/8 & 9. (Young-CA)

- 4885 **BRAZIL R. Clube do Pará** Belem 0230-0234 PP hi-life mx & M ancr; pummeling in w/ 70dB sig & hi-fi audio; exc.; 11/7. (Parker-PA) 0817-0825 PP mx prg w/ requests by listeners; good; 11/20. (Wlodarski-NJ) 0914-0930 PP ballads; ID at 0917 followed by a W ancr w/ relg talk; fair; 12/12. (Wlodarski-NJ)
- 4888 **INDIA AIR Lucknow** 1442-1505 An anomaly for them; off their normal 4880; in EE & Hindi w/ live coverage of India playing in a ODI cricket match; frequent short breaks for ads/ancments in Hindi; //5040-Jeyapore; only here for one day, then back to 4880; 12/7. (Howard-CA)
- 4895 **INDIA AIR Kurseong** 1214-1220 Hindi mx w/ W ancr; poor; 11/20. (Wlodarski-NJ)
- 4905 **TIBET Xizang PBS** Lhasa 1530-1600 The normal Monday repeat of their Sunday prg of "Holy Tibet" in EE; nx followed by a long interview w/ member of the Tibet Academy of Social Sciences; close to 100% readable; which is only possible during the wintertime; //4920 & 6200; 12/6. (Howard-CA)[haven't had a whiff of their EE prg here, since it was moved forward several hours, years ago-ed.]
- 4910 **INDIA AIR Jaipur** 0041-0048 M & W chants w/ instrumental mx; best heard in SSB to avoid RTTY; splash via Tibet-4920; CODAR; poor-almost fair at times; 12/05. (Serra-Italy)
- 4915 **BRAZIL R. Difusora** Macapá 0738-0750 PP pop mx w/ ID at 0740; good; 11/20. (Wlodarski-NJ) 0944-0950 0945 ID by M ancr in PP followed by relg talk; good; 12/12. (Wlodarski-NJ)
- 4918.9 **ECUADOR R. Quito** Quito 0612 Carrier detectable vs noise lvl for a second night; bit of mx vs CODAR; 11/27. (Hauser-OK) 1012-1020 M ancr w/ long cmntry; ID at 1016 followed by lcl type Andean mx; good; audio a bit distorted; 11/26. (Wlodarski-NJ)
- 4920 **INDIA AIR Chennai** 1538 W ancr w/ EE nx; including markets rpt & sports; 1544 repeating headlines; 1545 back to Hindi; poor; 11/18. (Sellers-BC) 1205-1210 Hindi mx; ID at 1206; exc.; best we have ever heard this stn; 11/20. (Wlodarski-NJ) 1442-1456 EE talk re snakes; some phone calls; partly in Hindi; poor; mixing w/ co-ch. Tibet; 12/3. (Howard-CA)
- 4920 **INDONESIA RRI Biak** 1150 (T); v. slow build up of sig w/ lots of splatter but at 1158 definitely heard SCI until 1200; v. weak but audible; ID is tentative but the IS was not; 1200 W ancr into mx; 11/22. (Montgomery/FCDX-PA) 1158-1201 (T); Tnx to a tip from B. Montgomery, I arrived just in time to hear SCI before buried under co-ch. CC stn; v. poor but definitely SCI; any other possibilities?; 11/22. (D'Angelo/FCDX-PA)
- 4920 **TIBET Xizang PBS** Lhasa 1116-1130 M & W ancrs w/ long cmntry in listed Tibetan; f-g; 12/5 & 12. (Wlodarski-NJ)
- 4925.24 **BRAZIL R. Educação Rural** Tefe 1026 (T) ID at 1030 in jingle; four pips & into mx; 1032 W ancr w/ ID jingle; CODAR; off by one minter per WWV; 11/22. (Montgomery/FCDX-PA) 4925.3 1011-1030 ID; PP nx followed by ad string; fair; 11/20 & 23. (Wlodarski-NJ) 1025-1030 M & W ancrs in PP w/ lcl ancments & ads; good; 12/11. (Wlodarski-NJ)
- 4930 **BOTSWANA VOA** Moeping Hill 0415-0418 EE nx; sig to 50dB but still bothered by strong CODAR; f-g; 10/30. (Parker-PA) 2051-2059 VOA "Music Time in Africa" in EE; //4940-Sao Tome; fair; 12/11. (Wlodarski-NJ)
- 4940 **INDIA AIR Guwahati** 0048-0058 W vcl chants w/ instrumental mx; best heard in SSB w/ inter-audio filter to null ute; moderate rustle & crackle at times; fair; 12/05. (Serra-Italy)
- 4940 **SÃO TOME VOA** Pinheira 2006-2023 M ancr in EE hosting The African Beat; several IDs including a jingle & some prg previews also ment. on 88.3 FM in Kampala, Uganda; dedication for a listener in Nigeria; fair; 11/22. (D'Angelo/FCDX-PA) 2015 Mx at t/in; W vcls in lcl lang; S9 w/ slight flutter; weaker at 2100 recheck; 11/22. (Montgomery/FCDX-PA)
- 4950 **INDIA-KASHMIR R. Kashmir/AIR Srinigar** 0119 Probably missed their s/on by a few seconds; AIR IS; "Vande Mataram"; SC mx; BoH pips; sounded like the nx in vern; almost fair; best in USB to get away from Angola carrier; 11/29. (Howard-CA) 0118-0146 IS; ID, ancments in Hindi; instrumental mx to 0125; (P) nx to 0130; pips (5 seconds slow); diff. M ancr to 0135; vcls to 0144; ancments; W vcls past 0146 when fading made audio poor; used USB to block Angola carrier on 4949.76; 12/9. (Young-CA) 0208-0213* SC mx; best heard in USB; weak; 12/9. (Howard-CA)
- 4950 **PERU R. Madre de Dios** Pt. Maldanado 1043-1100 M ancr w/ SS relg talk; poor; 12/11. (Wlodarski-NJ)[nice catch-ed.]
- 4955 **PERU R. Cultural Amauta** Huanta 1024 (P); Mx at t/in w/ static crashes; S7 lvl; 11/22. (Montgomery/FCDX-PA) 1020-1030 M ancr in SS w/ long cmntry; (P) relg in nature; fair; 11/24. (Wlodarski-NJ)
- 4960 **SÃO TOME VOA** Pinheira 0404-0410 EE nx; walloping in w/ 70dB sig; exc.; 10/30. (Parker-PA)
- 4965 **ZAMBIA CVC** Lusaka 2055-2100 Modern relg songs w/ W ancr; fair; 12/11. (Wlodarski-NJ)
- 4970 **INDIA AIR Shillong** 1318 Hindi prgrmng; noted off the air at 1344; 1500-1512 In EE w/ EZL pop songs; local IDs; 1512 switched over to Delhi prgrmng & series of ads; after 1512 was //4760, 4775, 4835, 4840, 4880, 4895, 4965, 5010, 5040 & 9425; noticeably not //4920-Chennai; as J. Young was also hearing today, Shillong had a prominent hum; which they have had for a long time now; 12/3. (Howard-CA) 1452-1536 Txmitter problems w/ "hum" but EE nx heard

- after 1533; //4775 was also fair with same nxcast past 1536; 12/5. (Young-CA) 1436-1512 EE pop; "North Eastern Service of All India Radio broadcasting from Shillong on shortwave 60.36 meters, corresponding to 4,970 kHz, and an additional FM 100.1 MHz"; (J. Jacob confirms it's a new FM stn); 1445 "8:15 news headlines"; 1512 switched over to Delhi audio feed; 12/10. (Howard-CA) 1121-1130 Flute & vcl mx; W ancr in Hindi at 1124 w/ ID followed by nx items; poor; 12/12. (Wlodarski-NJ)
- 4974.8 **PERU R. del Pacifico** Lima 0238-0253 Romantic Latin vcls hosted by M ancr w/ SS talk, ID & ancments; poor; 11/23. (D'Angelo/FCDX-PA) 4975 1007-1010 M ancr n SS w/ long emtary; relg in nature; fair; 11/20. (Wlodarski-NJ)
- 4975 **TAJIKISTAN V. of Russia** Yangiyul 1517 (P) nx in EE then a sports rpt at 1523; poor; //7260 Vladivostok-poor; sked *1500; 12/3. (Sellers-BC)
- 4975.96 **UGANDA UBC** Kampala 2002-2014 Non-stop Afropops; M ancr in vern & right back to mx; best heard in SSB w/ moderate, fast QSB & mild rustle; fair; 11/28. (Seria-Italy) 4976 2149-2200 In EE w/ pop mx; ID at 2151; p-f; 11/23. (Wlodarski-NJ) 2036-2045 Afropops; good; 12/11. (Wlodarski-NJ)
- 4980 **CHINA Xinjiang PBS** Urumqi 0140 M & W ancrs w/ talk in listed Uighur; //3990; both poor & noisy; 12/7. (Barbour-NH)
- 4985 **BRAZIL R. Brazil Central** Goiania 0222-0226 M ancr in PP; sig to 30dB; f-g; 11/7. (Parker-PA)
- 4986.36 **PERU R. Manantial** Huancayo 1030-1040 The one noted here; f/out; 11/23. (Wilkner-FL)
- 4990 **CHINA PBS** Hunan 1420 In CC w/ no sign of AIR Itanagar; 12/7. (Howard-CA)
- 4990 **INDIA AIR Itanagar** 1352 Indigenous chanting/singing; 1415 nx in Hindi followed by lcl ID & EE nx re World AIDS Day observed; etc.; wx forecast; prg in EE started w/ "broadcasting from All India Radio Itanagar" on MW "675 kHz." and SW on "4,990 kHz." ; along with "corresponding" freqs in meters; talk re "Self Confidence"; almost fair; certainly one of their better recepxs; no sign of PBS Hunan; 12/1. (Howard-CA) 0036-0052 W vcls but little audio; nearly gone by 0052; 12/7. (Young-CA)
- 4990 **SURINAME R. Apintie** Paramaribo 0509--511 Slow, EZL mx; 50dB sig; audio a tad weak; good overall; 10/28. (Parker-PA) 0732-0740 Modern pop mx; fair; 11/20. (Wlodarski-NJ) 1006-1015 M ancr in Dutch w/ nx items & lcl ancments; poor; 11/26. (Wlodarski-NJ) 1117-1120 M ancr w/ relg talk; fair; 12/5. (Wlodarski-NJ) 1018-1025 M ancr w/ lcl ancments & nx items; ID at 1020; fair; 12/11. (Wlodarski-NJ)
- 5005 **EQ. GUINEA R. Nacional** Bata 0520-0534 Afropops; barely audible M ancr at 0531; best heard in LSB w/ inter-audio filter nulling RTTY; fast QSB; strong rustle & mild crackles at times; poor/v. poor; 11/25. (Serra-Italy)
- 5010 **MADAGASCAR RTV Malagasy** Antananarivo *0255-0316 Opening rap mx followed by M ancr w/ opening ID; several ancments before starting mx prg; f-g; 11/23. (D'Angelo/FCDX-PA) 1452-1510 Lively lcl mx; ads; M & W ancrs in vern.; strong sig; best heard in USB; must be suppressed carrier; 12/5. (Young-CA)[ayuh-ed.] 0234-0245 M ancr in Malagasy; pop mx at 0235; more European than African; a couple of rooster sounds at 0239 then lively lcl pops; 0243 M & W multiple IDs & talk w/ off & on Jingle Bells in the background; drums at 0245 followed by ID & talk by M; g-vg sig w/ moderate fading; 12/7. (Evans-TN) 2055-2106 Afropops; nx items at 2102; ID at 2106; fair; 12/11. (Wlodarski-NJ)
- 5025 **CUBA R. Rebelde** Havana 1200 SS talk; good; 11/17. (Handler-IL)
- 5030 **MALAYSIA-SARAWAK RTM Sarawak FM** 1340 RMS now managing to provide some mx & talk audio; poor vs Cuba-5025; still, it's the only sig on band from Asia; 11/20. (Hauser-OK) 1407 W ancr in Malay followed by M DJ talking at length; 1410 songs; fair; 12/9. (Sellers-BC) 1452 In vern. w/ their normal Saturday format of repetitive indigenous mx accompanied by chanting/singing; fair-almost good; 12/11. (Howard-CA)
- 5039 **PERU R. Libertad** Junin 1105-1110 W ancr in SS w/ lcl nx followed by lcl mx; poor but readable w/ no RHC-5040!; 11/26. (Wlodarski-NJ) 5039.22 1049 M ancr en espanol; 12/2. (Wilkner-FL) 5039.4 1104-1110 M ancr w/ SS mx request prg; fair w/ RHC s/off at 1100*; 12/11. (Wlodarski-NJ)
- 5040 **INDIA AIR Jeypore** 1432-1527 Typical Hindi mx & vcls; ancments at 1501; jingles at 1513; (P) ads & ID at 1515; talk w/30 seconds dead air at 1520; EE Nx at 1530; weak afterwards; still there at 1606; 12/8. (Young-CA)
- 5045 **BRAZIL R. Cultura do Para** Belem 0824-0830 Mx prg; mostly jazz; good; 11/20. (Wlodarski-NJ)
- 5050 **CHINA Guanxi Beibu Bay Radio** Nanning 1128-1140 1130 ID by W & M ancrs followed by ballad type mx; p-f; 11/23. (Wlodarski-NJ) 1430 New ID: "FM 96.4 Beibu Bay Radio"; audio of IDs posted at <<http://www.mediafire.com/?fn2s3fwcvfm8r28>>; 11/23. (Howard-CA) 1100-1145 Pop mx prg in Thai; EE ID at 1130 followed by Vietnamese lang prg w/ two W ancrs; f-g; 12/11. (Wlodarski-NJ)
- 5050 **INDIA AIR Aizawl** 1430-1438 EE nx; equal lvl w/ co-ch. China; //4970-strong w/ hum & 4775-crushed by CODAR; 12/3. (Young-CA)[which CC stn? Beibu Bay or V. of Strait?-ed.]
- 5059.92 **PERU LV de las Huarinjas** Huancabamba 0030 (T); The one tentatively noted here; 12/1. (Wilkner-FL)

- 5120.5 **PERU Ondas del Suroriente** Quillabamba 1032-1040 Lcl SS mx; poor w/ ute QRM; 11/26. (Wlodarski-NJ)
- 5446.5U **USA AFN** Key West 0215 Talks re video games; Xbox 360 & how parents should control use; NPR mentioned; 0232 President Obama w/ comments why Congress should renew unemployment benefits; sig dropping to noise floor & back; poor; 12/5. (Montgomery-PA)
- 5460.33 **PERU R. Bolívar** Cd. Bolívar 0020 Peruvian mx; weak; 12/1. (Wilkner-FL)
- 5755 **USA WTW** Lebanon 0640 Dead air from the R. Ranch via WTW; which I find most enjoyable; finally cuts on Pastor Pete Peters in progress at 0644:24; time to tune-on; 11/17. (Hauser-OK) 1348 WTW has extended an hour later in the morning; still on w/ Pastor Peters; but indeed WTW had switched to 9479 after 1400; 11/24. (Hauser-OK)
- 5765U **GUAM AFN** Barrigada 1342 Whew! back after missing a few days but it's still country mx instead of nx/talk; 11/17. (Hauser-OK) 1505 Good to hear them again after they were off for a short time; start of the "Z Rock" show after the sports nx; fair; also well heard 11/18 w/ C & W songs at 1310; AFN Diego Garcia continues to b/cast the usual AFN nx & talk format; 11/17. (Howard-CA) 1256-1346 R. Howard says was gone again 11/22; but I can barely hear it w/ some mx underneath heavy RTTY which never used to bother this freq; wrapping up a talk show; apparently concerning country mx; a bit of which was heard; plus NPR outro credit; hard to copy due to splash from incomparably more powerful WTW 5755; but that goes off at 1300 & suddenly the AFN sig jumps; 11/23 & 27. (Hauser-OK) 1322 Off the air; continues to be very erratic; 11/29; 1447 Finally back to the normal AFN SW format; Dr.Joy Browne call-in show; //4319U-Diego Garcia which had about a one second delay; 11/30; 1310-1416 Off the air again; 12/1. (Howard-CA) 1447-1533 Back to normal AFN format; f[g; never sure just what format they will be carrying from day to day; //4319U-Diego Garcia which was almost fair; 12/11. (Howard-CA) 1312 Talk w/ (P) NPR "Weekend Edition Sunday"; 12/12. (Hauser-OK)
- 5770 **MYANMAR Myanmar Defense Forces BC** Taunggyi 1314 (P); Looking for 5765U-Guam; instead get a weak carrier here; but it disappears by 1315; maybe Defence Forces stn; only known b/caster on freq; 12/4. (Hauser-OK)
- 5875 **THAILAND BBC** Nahkon Sawan 1405 Two sigs mixing; one is in AA & I hear the BBC sounder; not sure of other lang underneath; seems Asian but it should be EE per current registrations; BBC is QRming itself from two sites at once: 1300-1600 EE via Thailand, 250 kW, 25 degrees & 1400-1600 AA via Cyprus, 300 kW, 121 degrees; so could be longpath; 11/23. (Hauser-OK)

International Band Loggings

5901-30000 kHz

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

- 5925 **CHINA CNR-5** Beijing in CH *1056-1112, soft instrumental music, ID, announcements, news w/ YL and OM alternating items, short music b/w items, more music, p-f (D'Angelo PA 11/4)
- 59542v **COSTA RICA ELCOR-Radio Republica** in SP 0330-0355, announcement w/sound of a touch-tone phone, ID, poor w/jammer QRM (Alexander PA 10/30)
- 5960 **TURKEY V of Turkey** in EG 2313, OM w/detailed recipe for cherry pudding, 2 minutes of ID in TK, talk by YI in EG beginning 2318, fair w/little fading (Evans TN 11/13)
- 60251v **DOMINICAN REPUBLIC R Amancer** Santo Domingo in SP 2330-0012, interviewing a YL, more talk with short music segments until ID at 0006, vocal, p-f (D'Angelo PA 11/2) in SP 2242, slow contemp religious vocal music w/short announcements, p-f (Evans TN 11/13) in SP 0035, instrumental religious music, recorded program of a preacher, poor w/severe QRM (Sellers BC 11/9) in SP 1103, religious talk in SP, ID, light instrumental music, poor w/AC splatter (Alexander PA 11/12)
- 6010 **CANADA R Sweden Int'l** relay in EG 0135, mention of going off shortwave after 72 years, banking news, economy doing very well, ID, discussion of reasons for going off shortwave, program of past broadcasts of R Sweden, S-9 signal (Montgomery PA 10/30)
- 6010 **IRAN VOIR** Kamalabad in EG 2013, Koran-like vocals, commentary on legalized abortions, language lesson, news headlines, IS, fair until Romania s/on at 2030 (Barbour NH 11/5)
- 6010v **COLOMBIA LV de tu Conciencia** Puerto Lleras in SP 0420, talk, local music, short ID in EG w/ call letters then ID as "The Voice of Your Conscience", fair (Alexander PA 10/23)
- 6020 **AUSTRALIA R Australia** in Tok Pisin 0950, radio drama "Radio Play #390", ID 0955, into island music, good (Coady ONT 10/30)
- 6050 **ECUADOR HCJB** Quito in Dialect 0003-0034, mention of Quito at t/in, ranchero music, children singing, flute music, 4 time pips at 0030, IS, more kids singing, S-7 w/fades (Montgomery PA 11/2)
- 6070 **CANADA CFRX** Toronto in EG 2330, John Tory show, ID, weather and news, f (Sellers BC 11/8)

- 6075 **RUSSIA GTRK Kamchatka** via Petropavlovsk in RS 0810-0900 (formerly 0710-0800), local and regional programming, interviews, local news and music, IDs "Radio Rossii Kamchatka" and ID in EG at 0830 "This is Kamchatka", audio hum (Howard CA 11/10)
- 6120 **IRAN Voice of Justice** in EG *0100, nice piano music, ID, into Qur'an, spiritual commentary then announcement of a Muslim death, program lineup, newscast containing mostly information about the USA (Montgomery PA 11/8)
- 61349v **MADAGASCAR RTVM** in Malagasy 1440-1513, excited reporting of a live sporting event (soccer?), break in the action at 1502 to play non-stop Hi-Li music until game resumed, fair, //5010 in USB + carrier mode, 7105 remains off the air (Howard CA 10/24)
- 6145 **ROMANIA RRI** Bucharest in EG 0105, talk about Listeners' Day, send in reports for CD of early broadcasts back to 1928, news at 0106 (Montgomery PA 11/7)
- 6160 **CANADA CKZN** St. Johns, Newfoundland in EG 2356, program of pop songs of the 1960s, CBC ID and St. Johns weather report, poor but readable (Ronda OK 11/6)
- 6165 **CHAD R Chad** N'Djamena in FR *0428-0459, s/on with Balafon IS, anthem, talk, some Afro-pop music, frequency drift, poor covered by R Nederland s/on 0459 (Alexander PA 10/23) in FR 2151 with Hilife music hosted by OM, ID, news 2200, fair (D'Angelo PA 10/31) in FR 2205, speeches and recordings of talks, Hilife and pop-style music, anthem by band at 2300 s/off, poor (Sellers BC 10/30) in FR 0506, Afro-pop song, brief talks over song, mentioned N'Djamena, ID at 0530, local news with correspondent's reports and political talks, good-fair (Serra ITALY 11/4)
- 6190 **BOSNIA Int'l Radio Serbia** relay in EG 0142-0202, classical music and commentary on composer, talks about Belgrade concerts and more beautiful classical music, IS, ID, news items at 0200, signal was 20 dB over S-9 with little fading (Montgomery PA 11/1)
- 6200 **TIBET Xizang PBS** via Lhasa in EG 1530-1600, "Holy Tibet" show w/news about Tibet; "Tourism of Tibet" with very vivid description of Ranwu Lake, very enjoyable program, good (Howard CA 10/27)
- 6200 **BULGARIA R Bulgaria** in FR 2100, IS, ID, frequency, schedule, news, good (McGuire MD 11/4)
- 6240 **MOLDOVA Radio PMR** Pridnestrovye relay via Kishinev in EG/FR 2230-2300, ID in EG at opening, news and contact info, local music, into FR programming 2300, good (Alexander PA 11/14)
- 6280 **INDIA AIR** Bengaluru in EG 2153-2215, traditional Hindu vocals, pop recording, ID, news, into commentary on China, good signal, //9445 only fair (D'Angelo PA 11/10)
- 6875 **TAIWAN Radio Taiwan Int'l** in EG 0346, two YLs talking about Taiwanese athletes, mailbag program, feature "A City in Bloom" marking Taipei's international floral expo, vg (Sellers BC 11/9)
- 7200 **SUDAN Radio Omdurman** Al Fitahab in AR 0237-0310+, s/on with Qur'an, local chants and music, Horn of Africa style music, fair w/some Ham QRM (Alexander PA 11/7) in AR 2006-2030, talk b/w AR music selections, wiped out by co-channel Iran s/on 2030 (Barbour NH 11/6)
- 7235 **NORTHERN MARIANAS VOA** relay via Tinian Is. in KR 1348, two YLs with an EG lesson about a complimentary hotel breakfast, fair to good, //9555 good (Sellers BC 11/13)
- 7240 **TURKEY V of Turkey** in EG 0448-0458*, local music, talk by TL, ID, schedule and announcements at closeout, IS, poor to fair (Evans TN 11/2)
- 7245 **MAURITANIA R Mauritanie** in AR 0025, sub-Saharan vocals, OM w/brief talk, more music and a brief ID at 0056, very good (Coady ONT 10/30) in AR 2349-0016, music program with AR talks at 0000, ID and frequency? announcements, more music, good (D'Angelo PA 11/5) in AR 0050, AR vocals, YL and OM interviewing the singer, s/off 0100, good (Sellers BC 11/9) in AR *0617-0640, abrupt s/on and into Qur'an, talk, fair (Alexander PA 11/13) in AR 0632, AR vocals, YL and OM announcers over wind instruments, chants, fair w/7250 Vatican splash (Barbour NH 11/7)
- 7290 **SLOVAKIA IRRS** Milano relay via Rimavská Sobota in EG 1826, airing Glenn Hauser's World of Radio program, poor but much better after 1900 (Sellers BC 10/30) in EG 1945, Allan Graham with DX Party Line, ID, address for reception reports and s/off at 2000, p-f (D'Angelo PA 11/6)
- 7350 **NIGERIA Radio Nigeria** Abuja in EG *0541-0600, s/on w/test tone and into local tribal drumming and whistling, anthem at 0547, pop music 0550, local drums, ID, news, weak signal (Alexander PA 10/28) in EG *0541-0603, carrier w/tone at 0541, tribal music at 0544, anthem, low audio talk by OM at 0546, R&B type music, YL w/low audio talk, fanfare, prayer or religious talk, drums and ID at 0600, news of Nigeria and Africa w/both in-studio and remote reporters, fair to good signal (Evans TN 10/20)
- 7375 **GERMANY V of Croatia** relay via Wertachtel in EG 0307, news, ID, sports resume, weather report, excellent reception (Sellers BC 11/9)
- 7395 **MADAGASCAR WYFR Family Radio** relay in EG 1828, numerous IDs, website, Harold Camping speaking, very poor but better after 1900 (Sellers BC 10/30)
- 7445 **ASCENSION ISLAND BBC** relay in EG 0333, ending news at t/in, time check for Ghana and into feature about abortions in Ghana, fair, //7255 also Ascension w/good signal (Sellers BC 11/9)
- 7550 **INDIA AIR** Bengaluru in EG 2053, YL hosting a Bollywood music program which included some dialogue from a 1981 movie, ID at 2059, very good, //s at 6280 and 9445 (Coady ONT 11/5)

- 7595 **SRI LANKA Radio Farda** relay via Iranawila in Persian 2238, Mid-Eastern songs as well as Tom Jones "It's Not Unusual", fair with RTTY QRM (Sellers ONT 10/29)
- 9345 **NORTH KOREA Voice of Korea** Kujang in EG 0322, YL with commentary, ID, patriotic music, fair with muffled audio (Sellers BC 11/9)
- 9450 **TAIWAN Sound of Hope** via Yunlin in CH 1500, IDs, theme, contemporary rap, introduction to program of YL and OM announcers alternating, fair with jamming (Taylor WI 10/30)
- 9455 **PORTUGAL RDP** Lisbon in EG 0057-0132, beamed to NA, pop music, promo announcements prior to time pips 0100, ID, sports program re Europa League, more pop music, good (D'Angelo PA 11/5)
- 9495 **MADAGASCAR R Sweden** relay in EG 2034, news, weather, ID, program preview including a look back at 72 years of broadcasting history, feature on Radio Sweden's SW and MW broadcasting history interview, 2059 closedown and gone for good from SW, very good signal (Sellers ONT 10/29)
- 9525v **INDONESIA V of Indonesia** Jakarta in KR/EG *0953-1015, abrupt s/on in KR w/talk and pop music, into EG programming at 1000, IDs, contact info, program review, news, fair (Alexander PA 11/12)
- 9645 **ROMANIA RRI** Bucharest in EG 0330, YL w/features in EG followed by ID at 0330 and a feature about the European Union, fair due to QRN (D'Angelo PA 10/28)
- 9720 **THAILAND R Thailand** Udon Thani in EG 1251, OM/YL with "Global News", ID 1253, tourism piece promoting a Bangkok restaurant, fair (Sellers BC 11/4)
- 9765 **NEW ZEALAND RNZI** in EG 1015, jazz music, ID 1020 and announcements, back to more jazz at 1025, another ID at 1042, signal level S6 w/slight fades and weak audio (Montgomery PA 11/10)
- 11690 **SOUTH AFRICA R Okapi** relay via Meyerton in FR *0359-0459*, ID, frequency, news, discussion features, closedown announcements prior to carrier cut, good (D'Angelo PA 11/10)
- 11720 **GUAM KSDA Adventist World Radio** relay via Agat in EG 1613, OM w/Indian accent preaching about Jesus and the Holy Spirit, mention of India address, poor (Sellers ONT 10/30)
- 11765 **BRAZIL Super Radio Deus e Amor** Curitiba in PT 0051-0130, OM preaching, ID, frequency followed by group vocals, more preaching at 0109, fair (D'Angelo PA 10/30)
- 11815 **BRAZIL Radio Brasil Central** Goiania in PT 0048-0246, nice program of Brazilian pop music hosted by OM, talks, full ID and frequency 0100, more great music, good, //4985 poor (D'Angelo PA 11/4)
- 11885 **CANADA China Radio Int'l** relay via Sackville in EG 1347, "Mediascan" feature discussing text messaging popularity and practices, good, //9655 very poor via China (Sellers BC 11/4)
- 11905 **SRI LANKA SLBC** Colombo in EG *1529-1605, abrupt on w/ads for National Savings Bank mentioning "Economic News from National Savings Bank, your family bank", ID, TC, "Radio Ceylon calling out to India" alternating talks by OM/YL in EG and HD, local music, Beatles recording w/OM and YL hosts periodically introducing songs, fair (D'Angelo PA 10/31)
- 13590 **ZAMBIA CVC International One Africa** via Lusaka in EG 1900. YL in prayer w/music background, religious song "Broken People", news about babies w/AIDS, lots of dead air breaks during news, rap tune 1911, ad, ID 1916, music, more dead air breaks - loss of audio but not carrier, YL with living life comments, phone # for call-ins, S-9 signal w/slight fades (Montgomery PA 11/3)
- 13745 **THAILAND R Thailand** Udon Thani in EG 0003-0029*, YL/OM team with the news, ID 2011, promo announcements, TC followed by more news, short features, abrupt s/off, poor (D'Angelo PA 11/11)
- 15190 **EQUATORIAL GUINEA Radio Africa** Bata in EG 1605, series of religious shows "The People's Gospel Hour", mailing address in Halifax, Nova Scotia and Boston, fair-poor (Howard CA 11/10) in EG 0634, t/in to rare ID with e-mail address, several preachers w/American rather than African accents, deep fades but signal peaking at S9-10 (Hauser OK 1/14)
- 15290 **ROMANIA RRI** Bucharest in AR *1500, IS, ID, frequency, schedule, news, g (McGuire MD 11/4)
- 15295 **MALAYSIA V of Malaysia** Kajang in CH 1148-1201*, light pop music, pop ballad, 2 pips at 1200 and into canned ID, fair-poor w/15300 RFI Issoudon splash (Barbour NH 11/9)
- 15570 **VATICAN CITY Vatican Radio** in SH *1600, IS, ID, religious program to Africa, g (McGuire 10/27)
- 15690 **FRANCE R Taiwan** relay via Issoudon in EG 1705, report on spread of malaria, f (Fraser ME 10/11)
- 17620 **AUSTRIA Austrian Military Radio Society** in GM *1559-1629*, special broadcast with Morse code opening followed by several IDs and frequency announcement all in GM although many EG words, OMand YL with talk followed by one of many bursts of Morse code. All long talks in GM with nice ID at closedown, fair to good signal (D'Angelo PA 11/7, Ronda OK 11/7)
- 17695 **GERMANY Radio Farda** relay via Lampertheim in Farsi 1415, lively local vocals, OM with "Radio Farda" ID at 1418, YL with talk, good (Coady ONT 10/30)
- 17700 **ASCENSION ISLAND South Sudan Interactive Radio Service** relay in AR *1558-1659*, Horn of Africa instrumental music IS, ID, talks in AR, brief music segments, program closed with musical selections from 1648, ID and announcements, poor to fair (D'Angelo PA 10/28)
- 21655 **PORTUGAL RDP** Lisbon in PT 1552, pop music, small talk, promo, ID, fair (Coady ONT 10/30)
- 21695 **LIBYA Voice of Africa** via Sabrata in EG 1436, war news from Afghanistan, YL ending news "from Radio Jamahiriyyah", ID as "Voice of Africa from the Great Jamahiriyyah", Beethoven's Ninth theme, Reading from the Green Book, part 1: "solution to the problem of democracy", S9+15 and much stronger than //17725. (Hauser OK 11/9)

Clandestine And Opposition Stations

- 5985nf JAPAN *Shiokaze/Sea Breeze* via Tokyo in JP *1359, piano at opening, "Kochirawa Shiokaze desu" ID, usual programming, peak signal S9+10 with no jamming (Hauser OK 11/1)
- 6297v ALGERIA *National Radio of the Saharan Democratic Republic* relay via Rabouni in AR 2135, OM announcer, songs, fanfare 2201, mentioning Sahara, good (Sellers ONT 10/29)
- 7165 ETHIOPIA *Voice of Peace and Democracy* relay via R Ethiopia in Tigrinya *0354-0430*, s/on with Horn of Africa music and opening ID sequence, talk at 0400, local music, covered by noise jammer at 0355, fair to good on //9560v (Alexander PA 10/29)
- 7210 ERITREA *Voice of the Broad Masses* relay via Asmara in Tigrinya 0356-0415, IS consisting of Horn of Africa music and a quick announcement by OM repeated, talk by OM 0400 with a few bars of music poor signal fading up to moderate at times (Evans TN 11/2)
- 9560fv ETHIOPIA *Voice of Peace and Democracy* relay via R Ethiopia in Tigrinya *0349-0430*, open carrier until Horn of Africa music starting at 0355, ID 0358 and opening announcements followed by news, program of music starting at 0420, poor (D'Angelo PA 11/3)
- 11510 MADAGASCAR *Radio Dabanga* relay in AR 1700, lively local music, OM with talk and ID at 1702 followed by singing ID, good (Coady ONT 10/30)
- 17725 FRANCE *Radiyo Y'Abaganda* relay via Issoudon in Vernacular *1700-1715*, sudden on with African music followed by OM in studio interviewing another OM from a remote location, carrier suddenly cut at 1715, fair (D'Angelo PA 11/6) ED: Scheduled only on Saturdays for 15 minute transmission. 

On the Short Waves by Jerry Berg

<www.onthewshortwaves.com> **Update, December 4, 2010** — This time, under "DX History//Philately," a new file containing seven radio-related first day covers. They are: Radio Romania, 80 Years, 2008; Radio Gambia, 10 Years, 1972; Radio Andorra, 2010; Radio Vaticana, 1959; Radio Kuwait, 50 years, 2001; Prasar Bharati (Broadcasting Corp. of India), 50 Years, 1998; and Radio Luxembourg, 50 Years, 1979. — And under "Specialized Resources/Wavescan," a new entry from Dr. Adrian M. Peterson: "Beam Wireless Worldwide - The Original Stations" (November 28, 2010).

<www.onthewshortwaves.com> **Update, December 12, 2010** — This week, under "Specialized Resources," "Radio Postcards," we have several views of stations in New Jersey. These are: (1) A postcard (front and back) from "Pillar of Fire" station WAWZ, Zarepath; (2) a folder with four views of municipal station WPG, whose studios were on the Steel Pier in Atlantic City; (3) WKDN, Camden; (4) WSNJ, Bridgeton; (5) WFME, an FMer in Newark; and (6) the RCA commercial (utility) station in Tuckerton (card postmarked 1920). — Also under "Specialized Resources," "Wavescan," two new stories from Adrian Peterson (December 5, 2010): "On the Air and Off the Air in Sweden-1" and "Radio Panorama RP6-Early Electronic Inventions."

<www.onthewshortwaves.com> **Update, December 26, 2010** — Under "Specialized Resources," "Radio Postcards," we have posted a file containing 11 views of station KFNF, Shenandoah, Iowa, one of the most famous American farm stations. Owned by the Henry Field Seed Co., "The Friendly Farmer Station" came on the air on February 18, 1924 and went full time four years later. The frequency was 1130 kc., 500 watts. President and General Manager Henry Field was also the chief announcer, and in the early days the employees of the seed company did double duty on air. The station was sold in 1949 but maintained its farm identity until it was sold to a religious organization in 1976. A KFNF poem went as follows: "Guest you are welcome here, Be at your ease; / Look around when you're ready, Go wherever you please / Happy to tell you about, Such as we've got, / From fish in the pool, To flowers in the lot, / You don't have to thank us, Nor laugh at our jokes, / Be cheerful, come often, You're one of the folks!" — And under "Specialized Resources," "Wavescan," we have posted three new stories from Dr. Adrian M. Peterson: dated December 12, 2010, "The Voice From the Sky in Mysore, India"; and dated December 19, 2010, "On the Air and Off the Air in Sweden-Part 2" and "A Voice Across the Atlantic-RCA & AT&T Rocky Point."

WORLD OF RADIO SHORTWAVE SCHEDULE AS OF JANUARY 2011

Days and times here are strictly UT. Some WOR airings on WRMI are jammed by Cuba. Please direct complaints to Arnie Coro whose DX program is never jammed.

Wed 1630 WRMI 9955 [hoped to be first SW airing]

Wed 2000 WBCQ 7415

Thu 0430 WRMI 9955 [sometimes first SW airing]

Thu 1600 WRMI 9955 [often first SW airing]

Thu 2000 WBCQ 7415

Thu 2200 WRMI 9955

Fri 0430 WWRB 3185

Fri 1530 WRMI 9955

Fri 2130 WWCR1 7465

Sat 0900 WRMI 9955

Sat 1500 WRMI 9955

Sat 1700 WWCR2 12160

Sat 1830 WRMI 9955

Sat 1900 IPAR 6090

Sun 0730 WWCR1 3215

Sun 0900 WRMI 9955

Sun 1630 WRMI 9955

Sun 1830 WRMI 9955

Mon 1230 WRMI 9955

Tue 1630 WRMI 9955

Tue 2000 WBCQ 7415

Wed 0130 WRMI 9955

Latest edition of complete schedule, including satellite, FM outlets, webcasts, with hotlinks to station sites and audio:

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

Internet on demand, mp3 and real: see Our Current Audio:

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

WORLD OF RADIO podcasts, via WORLD RADIO NETWORK:

<http://www.wrn.org/listeners/world-of-radio/rss/09:00:00UTC/English/541>

DX LISTENING DIGEST upon which WOR is based:

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

Press Release: *Shortwave Central Blog* launches the *Monitoring Times Shortwave Central* Facebook Fan Page

With the tremendous success of the *Shortwave Central* blog, we are pleased to announce the launch of the Facebook Fan page, listed on the Facebook System as *Monitoring Times Shortwave Central*.

Postings complement the *Shortwave Central* blog and include additional monitoring observations, MT previews, last minute tips and informal radio related post from our readers. We invite Facebook followers to visit the new *Monitoring Times Shortwave Central* page and click "Like" to be a fan. For Twitter fans, don't forget QSLRptMT for brief radio "tweets" throughout the day.

Gayle Van Horn W4GVH

Monitoring Times Frequency Manager

QSL Report Columnist

Shortwave Central blog

<http://mt-shortwave.blogspot.com/>

**24th (!) Anniversary
Winter SWL Fest
Sponsored by **

March 4-5, 2011

Doubletree Guest Suites

640 W. Germantown Pike, Plymouth Meeting, PA

There is an incentive for you to pre-register, as prices are more expensive for those who wait. Registration options are also more flexible than in the past, with new one-day and student registrations. If you wish to participate in the meals, you must register and inform us that you will be attending by Friday morning, March 4th. If you choose not to participate in the meals, there are many nearby restaurants.

Your registration must be received by February 18, 2011 for the best prices; registrations received after that date are priced higher. See the registration form below.

Many things, like the raffle, remain the same:

GRAND PRIZE To be announced

SPECIAL Register early to win a sw portable! One free entry for an early-bird registration received by February 18, 2011.

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

Checks should be made payable to WINTER SWL FEST. Register directly with the hotel for your rooms by calling the Doubletree at (610) 834-8300. For 2011, the rate is \$89 single or double; the rate for 3 or 4 is slightly higher. All registered hotel guests receive a full breakfast including an omelet station! Tell the hotel staff you're with the WINTER SWL FEST to receive this special room rate. **New for 2011: You can also reserve your hotel room online; check for the link, as well as updated Fest info, at the WINTER SWL FEST Web Page at <http://www.swlfest.com/> or from <http://www.naswa.net/>.**

The Doubletree Guest Suites is conveniently located near the interchange of I-476 and I-276, at the Norristown Exit (#333). Limo service is available from Phila. Intl Airport directly to the hotel.

Online registration available via PayPal – See <http://www.swlfest.com> for details!

If you aren't completing the online registration, please submit the following form with your registration amount or send for more information to:

SWL WINTERFEST, P.O. Box 4153, Clifton Park, NY 12065

NAME: _____ **(SPOUSE'S NAME)** _____

ADDRESS: _____

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

CHECK ONE OR MORE

**REGISTRATION RECEIVED BY
FEBRUARY 18, 2011:**

- Full (\$70)
- Two-Day no meals (\$25)
- One-Day no meals (\$20)
- One-Day w/ Lunch (Sat) (\$35)
- Spouse Lunch-only Sat (\$20)
- Full Spouse / etc. (\$55)
- Banquet only (Spouse) (\$25)
- Student (\$10)

**LATE OR ON-SITE REG. RECEIVED
AFTER FEBRUARY 18, 2011:**

- Full (\$75)
- Two-Day no meals (\$30)
- One-Day no meals (\$25)
- One-Day w/Lunch (\$40)
- Spouse etc. Lunch-only (\$25)
- Full Spouse/son/daughter (\$60)
- Banquet only (Spouse) (\$30)
- Student (\$10)

BANQUET:

Roast Beef

Chicken

RAFFLE TICKETS:

raffle tickets, please
(\$1 ea./ 6 for \$5/ 13 for \$10)

Registration Fee Enclosed \$ _____

Raffle Tickets Fee Enclosed \$ _____

Total Check/Money Order \$ _____

Registration is not transferrable; cancellations after February 18, 2011 cannot be refunded, however we will refund raffle ticket money if you have to cancel.

Company Store

Jim Strader KB1KYW • 74 Miller St. • Middleborough, MA 02346-3216 • jimstrader@msn.com

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

Publications

Shortwave Listening Guidebook by Harry Helms. A beginners guide to shortwave listening covering equipment and more.	\$19.95 +4.60 s/h US +8.00 s/h Can.
Joe Carr's Receiving Antenna Handbook A guide to high performance receiving antennas from longwave to HF and VHF.	\$19.95 +4.60 s/h US +8.00 s/h Can.
Joe Carr's Loop Antenna Handbook Comprehensive but readable guide to understanding and building loop antennas.	\$16.50 +4.60 s/h US +8.00 s/h Can.
Radio Monitoring: the How-to Guide by Skip Arey. Guide for new listeners to MW, HF, VHF and above.	17.95 +4.60 s/h US +8.00 s/h Can.
World Radio and TV Handbook 2010 Long considered to be the bible for shortwave listeners.	\$26.90 +4.60 s/h US +8.00 s/h Can.
Fine Tuning's Proceedings Reprint Catalogs Complete list of articles from this hobby classic. Choose from 1) 5 page version with article titles or 2) 20 page version with article abstracts.	1)\$2.00 ppd 2)\$5.00 ppd
The World QSL Book Gail Van Horn's new CD-delivered book (PDF format) about all aspects of QSLing.	\$18.00 +3.00 s/h US +6.00 s/h Can.
1947-1958 or 1959-1970 WRTH CD CD compilation of the 1947 to 1958 or the 1959 to 1970 WRTHs.	\$60.00 ppd
WRTH CD Set Both WRTH CDs for a special price	\$99.00 ppd
NASWA Country List and Awards Program Booklet	\$3.00 PP US \$5.50 elsewhere
NASWA Coffee Mugs 11 oz. white mug with the club logo on two sides. Return of a favorite with the club logo in NASWA blue.	\$5.50 +5.50 s/h US +10.00 s/h Can.
NASWA Ball Caps NASWA blue ball cap with velcro closure and NASWA logo embroidered on the front	\$12.00 \$4.60 s/h US \$8.00 s/h Can.

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



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Levittown, Pennsylvania, 19057

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

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

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

EDITORIAL STAFF

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

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

NASWA Notes: Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610

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

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

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

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

NASWA Awards: Gary R. Neal, P.O. Box 1, Cockeysville, MD 21030-0001

Listener's Notebook: Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610

Pirate Radio Report: Mike Rohde, 2615 Willow Glen Road, Hilliard, OH, 43026

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

Scoreboard: Gary R. Neal, P.O. Box 1, Cockeysville, MD 21030-0001

International Broadcasting: Dr. Kim Andrew Elliott, 5001 25th Street North, Arlington, VA 22207

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

Tropical Band Loggings: Scott Barbour, P.O. Box 893, Intervale, NH 03845

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

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

The Company Store: Jim Strader KB1KYW, 74 Miller Street, Middleborough, MA 02346-3216

NASWA Flashsheet: Mark Taylor, 1114 Ellen Ave., Madison, WI 53716

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