

The **NASWA** Journal

VOLUME XLXI NUMBER 3

MARCH 2011



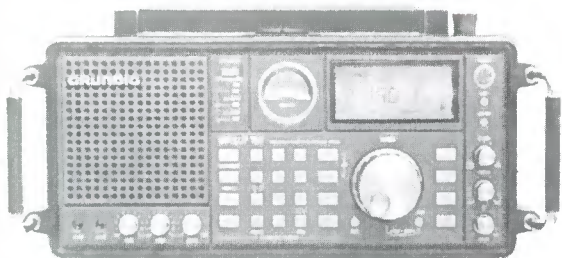
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GRUNDIG G6

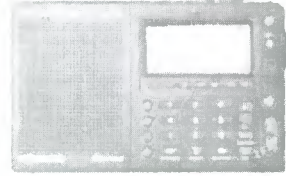


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Purchase your Grundig G3 from Universal Radio before 02/28/11 and receive a **FREE** M400 with your order. A \$29.95 value! (also sold separately).



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 AAs 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 **\$149.95**

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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 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. M400 Order #3400 **\$29.95**



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. W.R.T.H. 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 stake. 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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If this arrives before the 24th Annual Winter SWL Festival on March 4-5, then run — do not walk — to the nearest transportation and get yourself to Plymouth Meeting for this annual club sponsored radio event. Join Festmeisters **Rich Cuff** and **John Figliozi** and a cast of volunteers at our new location at the Doubletree Guest Suites in Plymouth Meeting, PA. Expect much of the usual fun such as a full complement of forum sessions, the Hospitality Room, the Silent Auction, and the Saturday Night Banquet and Raffle and some new things such as the rooms at the Doubletree including a full breakfast for each day's stay. The registration form for the Fest has been available in past issues of 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 last minute information will be posted at the Fest website, <http://www.swlfest.com>. I look forward to seeing and greeting many of our members at our annual gathering.

Just after the Journal was put to bed last month, word circulated in the shortwave community about the passing of **Clayton Howard** at age 92 on January 27th in Tahlequah, OK. He served from 1941 to 1984 as an engineer with Radio Station HCJB in Quito in Ecuador. For twenty-two years, Clayton, and his wife Helen, hosted the popular DX Partyline over the station. Clayton and Helen began the Andes DX International (ANDEX) club for shortwave listeners and produced the ANDEX magazine. He was a very good friend to the shortwave radio community.

The Danish Shortwave Club International (DSWCI) announced the results of its 1st International DX Contest, "The Grand Tour Across All Continents 2010". Five partici-

pants tied for first place: **Sebastian Arndt**, Germany; **T. Jaisakthivel**, India; **Hiroshi Katayama**, Japan; **Nobuya Kato**, Japan; and **Werner Siegel**, Germany. Truly an international representation, congratulations! There were thirty-one participants in the contest with eighteen different countries reflected in the final results. Two participants entered from the United States, both NASWA members, as well as our Argentina member. Congratulations to **Bill Patalon** (#17), **Claudio D. Perdomo** (#21), and **Ed Insinger** (#23) on a job well done.

Roger Tidy has written a new book entitled, "Hitler's Radio War", the story of German international broadcasting before and during the Second World War. Topics covered include German open and clandestine broadcasts to various areas of the world, including Britain, the USA, the Middle East, the Soviet Union, India, South Africa, various European countries and Latin America. Also covered are the activities of renegade broadcasters such as Lord Haw-Haw, Mary of Arnhem and the two women known as Axis Sally who sold their voices to the Nazis, as well as a chapter on the Nazis' specially licensed jazz band Charlie and his Orchestra, which broadcast hot jazz and swing music to Allied audiences with specially modified propaganda lyrics. Finally, the book discusses the difficult question of how successful were the Nazis in their radio propaganda to various target audiences. "Hitler's Radio War", which is illustrated and runs to 240 pages, can be ordered from the publishers Robert Hale Ltd at www.halebooks.com or any online bookseller. If any members pick up a copy, we would be glad to run any reviews in the Shortwave Center (hint!).

If you have not responded to the National Association of Shortwave Broadcasters (NASB) shortwave listener survey, there

Our Motto: Unity & Friendship


is still some time left. The survey can be found online at the NASB website: www.shortwave.org. Survey coordinator **Jerry Plummer** of WWCR will announce the results at the NASB annual meeting in May (see Calendar of Events).

Don't forget about the just released 35th QSL card issued by Radio Free Asia (RFA). Last month **A. J. Janitschek**, Director - Program & Operations Support for RFA notified us that RFA just released its latest QSL card. The QSL card commemorates the Chinese Lunar New Year, the Year of the Rabbit which began on February 3, 2011 and runs through January 22, 2012. This QSL card will be used to confirm all valid reception reports through March 31, 2011. RFA welcomes all reception report submissions at www.techweb.rfa.org (follow the QSL REPORTS link) not only from DX'ers, but also from its general listening audience. Reception reports are also accepted by email at qsl@rfa.org, and for anyone without Internet access, reception reports can be mailed to: Reception Reports, Radio Free Asia, 2025 M. Street


NW, Suite 300, Washington DC 20036, USA. Upon request, RFA will also send a copy of the current broadcast schedule and a station sticker.

Finally, I have a small handful of wayward Flashsheet participants. If you want to continue on the distribution list I will need an updated e-mail address: Paul Brouillette, John Mosman, Art Poole and David Ross. Thanks!

Please remember to direct all communications about subscriptions, bulletin delivery issues, spring cleaning suggestions, 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. 

FRENDX: Twenty-Five Years Ago (February 1986)

The cover featured the snow covered facilities of KNLS. Stephen Moye's Contact column continued with the discussion of the threat from the Electronic Communications Privacy Act of 1985. Don Moore offered attractive color photographs of Latin American stations suitable for framing and hanging in the DX shack for \$2.50 each. Joe Hanlon was organizing a cassette-exchange project with shortwave monitors in key reception areas around the world. In his Awards Program column, Chairman John Kapinos noted that Kirk Allen, Harold Cones, Terry Palmershein and John Wilkins all earned awards this month. The requirements for the Senior Venezuelan DXer award were reduced to 12 states due to a reduction in stations/states as noted by Don Moore. In Bill Cole's Computer Corner column, Tom McElvy wrote about R-70 Computer Control Program Modifications. Roger Legge compiled the latest version of English Language Broadcasts to East and Central North America. Jerry Lineback reported in his Scoreboard column that James Young with 221 countries verified lead the list with Sam Barto and Bob Padula at 217 countries verified. Twenty-four members reported hearing 200 or more countries and eleven members reported QSLing 200 or more countries. Gerry Dexter's classic, *Secrets of Successful QSLing*, was released by Tiare Publications (\$9.95 plus \$1.00 shipping/handling). The second edition of the *USSR DXing Handbook* was released by the Japanese group, URSC, for US\$10.00 by airmail. 

Calendar Of Events

- 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!
- Mar 11 Meeting. Boston Area NASWA Chapter.** The Boston Area DXers have found a new location for meetings. Inquiries about the BADXers may be sent to Paul Graveline at 978-470-1971 or Internet: ctcreditor@aol.com. The URL for the BADX guys is <http://www.naswa.net/badx/>
- Mar 12 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.
- Mar 19 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>](mailto:antennapig@siscom.net). For additional information about MONIX, check out their web site at [<http://www.siscom.net/~mmeece/monix.html>](http://www.siscom.net/~mmeece/monix.html)
- Mar 21 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.
- Mar 25 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.
- 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 Barraclough [<mikewb@dircon.co.uk>](mailto: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 & Suites. 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.

Jul 1-5 Contest. The 13 Colonies Special Event Group holds its **The 13 Colonies Special Event** with a certificate and QSL cards available for SWLs. All 13 Colony states will be on the air for this event commemorating our independence. One logging or all 13 qualifies the SWL for a certificate. The certificate is printed in full color, each different every year with an Independence theme. For 2011 it is the "Declaration of Independence". All information can be obtained by going to qrz.com, once there enter Ken's call sign (KU2US) in the top left box and it will bring you to his bio area. Here the whole site is dedicated to the Special event. There is a certificate donation of \$4.00 and all 13 colony QSL cards are free for an SASE. Each card must be requested from each Colony state operator. All certificate requests go to Ken Villone, P.O. Box-185, Conesus NY 14435. Further information is available from Ken Villone, Awards Manager-KU2US (dentron1@yahoo.com).

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>](mailto: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). 

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.

Stephen C Wood <hauula7@msn.com>, Cape Cod, MA

A couple of weeks ago our local group of DXers, we call ourselves CAPEDX, here on Cape Cod in Massachusetts had the opportunity to organize a DXpedition to the Chatham Maritime Museum Center. This is the site of the former coastal utility station WCC in Chatham Massachusetts. I'm sure this station is familiar to many NASWA members since

it was on the air from 1914 -1997 and was one of the best heard maritime utility stations in the world. The site is located just across the street from a cove that leads out directly to the Atlantic Ocean. We were allowed to set up in the former operations center which is now in the process of being renovated to be the main museum. It's an old brick building with very high ceilings and oversize windows. Out in back of this building is the old antenna farm. Almost all of the towers are still standing and many are still wired. There had been several huge rhombic antennas back there which were used to receive ships traffic from around the world. When I first looked at the site I was hoping that I'd be able to hook into one of these antennas but reality was far different. It seems that a great deal of the wiring has been stolen, vandalized, by two & four legged creatures, or succumbed to the ravages of mother nature since the station closed in 1997. Members of our group offered to help get these antennas back up and the museum reps were very receptive to this offer. Once spring comes we hope to be able to survey the antennas to see what might be done to get at least one rhombic operational.

Our group is mainly a medium wave focused group, myself being the only SWL. Many of you may recognize the names of a few of the participants from this outing, Bruce Conti, Mark Connelly, Chris Black & Marc DeLorenzo. Because of these guys all the antennas that we set up were Loops & Deltas oriented for reception of trans-Atlantic medium wave signals. The antennas performed as expected when signals began rolling in over the ocean as early as 2:30 eastern time, 1930 UTC. The first being Saudi Arabia on 1521. Many of these signals reached local like levels in strength and quality. The Saudi station, R. Sawa from Djibouti on 1431, France on 1557, several outlets from Spain and Algeria on 531 & 549 were coming in as strong or stronger than the local 50 kW stations out of Boston or New York. I have heard most of the stations at my home QTH, which is about 4-5 miles from the museum, but never with such quality and strength. Proximity to the ocean really does provide a significant enhancement to signals. The real highlight for most of us was the logging of Iran on 765. This was the first logging of Iran on the frequency of the now closed Options Musique station in Switzerland. Personally I was most delighted to log Sudan on 1296 as a new country on medium wave.

I had come to this outing with one specific target in mind. That being Greenland on 3815. Several checks on the frequency resulted in nothing but a few hams and a lot of static. I checked their MW channel of 720 and had some very weak audio but nothing definite. Even the guys using SDR's got nothing from them on 720. A disappointment since they are scheduled to leave SW later in February and this may have been my last best hope of logging them. Nothing really new was noted on shortwave. This was definitely a medium wave centric DXpedition. Just before we began to pack up and leave for pizza, just for laughs, I tuned over to 5240 to see if Tibet might be making an appearance here around 2230 UTC. To my surprise there was a definite signal there with a yl speaking in what I imagined was English. Perhaps this might be the Holy Tibet English program. This would be something that I have never received here and have long sought after. The signal, however, never increased to any readable level. The fading was just to much to get a firm ID. So this one eludes me once again.

I wish to express my thanks to the officials at the Museum who allowed us to monitor from this historic location. This despite a stern warning from the local building inspector that the building did not have an occupancy permit due to ongoing construction. Officials managed to convince the inspector that this was not a public event and only museum members would be present. We were all duly granted membership for the day. This gave us the opportunity to experience a certain sense of history sitting in the same radio room where much of the German U-Boat traffic in the Atlantic was decoded during World War II. Being able to listen on our modern equipment surrounded by the vintage gear used throughout the years that the station was in operation gave some

context and history to our listening that day. You can get a more detailed accounting of our DXpedition in the April edition of Popular Communications. Participant & CapeDX member Bruce Conti is the writer of the Broadcast Technology column in that magazine. Anyone who would like more information on the Chatham Maritime Museum center can go to their website, www.chathammarconi.org. The museum should be open to the public sometime this summer. If anyone is planning on visiting Cape Cod in the near future I would definitely recommend taking a drive down RTE 28 to Chatham to check out this facility. Feel free to shoot me an e-mail with questions you may have.

Marlin Field, 128 Oak Street, Hillsdale, MI 49242

I received a letter at Christmas time from Denise Zambrano, widow of Jorge. She's still living in Pennsylvania.

I just read in a dated newsletter that HCJB has planted over 335 local Christian radio stations around the world. I don't know whether Nepal's station had been started then or not. For a long time the country wouldn't allow Christian stations in the country. A factory in Elkhart, Indiana has had a part in this project. Someone from there spoke at our church on the subject.

I don't have any calendars to send this year to you or others. "The economy" I think. I've sent them out as long as I've been a DXer - 50 years.

Kris W. Field <kwfield@verizon.net>, Ambler, PA

Actually the January 23 and 39th DXpedition was the next to last (probably) of the season. Harold Cones and Kris arrived at cabin 10 about 18:30 UTC on January 30 for the 40th visit to French Creek. We found the keys in the door and the cabin ready to go. We struggled thru knee-high snow to erect one 500 ft antenna 300 degrees NW up the hill and one 400 ft antenna 106 degrees E; and a weenie (40 foot) antenna 342 degrees N. Arriving back at the cabin, we set up and were listening by 2100.

Without Rich D'Angelo sitting next to me, DXing was more of a challenge. No looking at his receiver for the freq he's listening to and asking him what we were hearing!

The bands were hopping with Africa, India and SE Asian signals. Ed Mauger arrived soon after. He left and came back in time for the traditional Italian lasagna dinner. Rich Cuf also arrived for dinner. Around 0315, the 90 meter band opened up. We enjoyed that until after 0400 and retired for the night.

The next morning saw the Northern Territories of Australia sneaking in, along with a rare catch (for us) of the Voice of Nigeria on 9690 with frequent ID's in EG. This was followed by what we believe to be an Indo on 3385. The music was distinctive and not typical for PNG. The usual heavy ute QRM lasted throughout the broadcast, but we believe we heard a short snip of the Song of the Coconut Islands at 1200. The signal improved quite a bit by 1115 and the music and chatting was easily heard around the ute. This signal dropped suddenly at 1225- but even with the noise, it was quite the enjoyable catch.

The afternoon saw good conditions from Europe, SE Asia and Africa. Ed, Harold and I enjoyed a Rotisserie chicken flavored with Apple Wood, with Mac & Cheese, green bean and French bread for dinner. Ed brought some of his usual show and tell- with a WRTI from 1948, 1952 and antique radio magazines. For the evening dx we toured Brazil and thoroughly sated with dx retired early after the usual Crème Sherry and good conversation.

The following morning found the usual Chinese regional's (unidentified) but making strong appearance, a signal on 3385 left unidentified, but believed to be Indonesia and

the Northern Territories coming in faintly. Due to the impending weather forecast and Dr. DX's travel plans we left French Creek a day early to dx at the Field house.

In the evening- around 0300 on 2 Feb a bandscan showed distinctly weaker but familiar signals on 90 & 60 meters, with significantly more noise than we heard at French Creek.

Anthony Jacobs, 3531 Hillman St., Apt 303, Youngstown, OH 44507-2031

Hello to all my fellow NASWA listeners. Thank you for putting my letter in our magazine. I didn't think you'd do it, so 73's a basket of electrons all around. Now, can you get me an Elmer in my town? Ham or SWLer. Thanks.

I didn't tell you 'bout my shack. It's by my bed so on the days I am in pain I can lie there and listen. My station consists of 1 MFJ signal DSP and an Icom R75. Also, an MFJ Speech Enhancer with its output into a 100w audio amp with hi-gain speakers. I use 2 large security alarm batteries to power my rig and recharge them every so often. My biggest goal is to get a secondary tabletop unit as a back up, something slightly better than I have as my main unit.

There are so many things I'd like to ask on a technical basis that is why I am looking for an Elmer (in the mean time try writing here and perhaps technical members can respond - RAD). I did study for my ham license, but at the cost of a rig listening is the best I can do since I am on a fixed income.

Ron Hunsicker <ronhuns@ptd.ne>, 1238 Cleveland Avenue, Wyomissing, PA 19610-2102
Drake R8 Preventative Maintenance: A non-radio wife (not mine) joined her husband at the January meeting of the Reading Area DXers. I am advised that she decided that we were a very strange bunch, but harmless. She's not seen me with a spray can of DeOxit!

I am fortunate to have two Drake R8 radios. One (00079) I purchased new in 1992. I purchased the other on-line a few years ago (00089). Late last fall I was unfortunate to have both punt within about eight weeks.

While all else worked, the only audio was a harsh buzz. Packed and delivered to United Parcel Service, 00079 fixed itself during the trip to the repair shop. When I called the shop to find out how the repair was going, the owner said, "Hear that in the background? That's your radio" and then he turned up the volume and tuned across the banks. Apparently, shipping via UPS is therapeutic. Consider UPSing your broken equipment to yourself to save a few bucks.

00089 was not so easy. When it died, no smoke came out but it did have a fishy odor and made funny noises. My friends at Drake fixed that one. They replaced three electrolytic power supply capacitors and an associated resistor. These are the parts that Drake replaced in 00079 in 2000 when the power supply failed. They also replaced these parts in a fellow NASWA member's R8 (00021) in 2009 when his gave up. If you have an older R8 and are handy, you might replace C125 and C126 (470@25V), C114 (1@ 50), and R234 (1000 @ ¼ watt). I am curious; please let me know if your R8 has had this repair and its age when it was done.

They also replaced all 27 diodes in 00089's band pass filter (CR100 through CR126). Why all? Because some were damaged and, at \$30 per 15 minutes, it is cheaper to change them all out rather than test them and only replace the "leaky diodes." I called Drake to ask about this and the technician said that this type of failure occurs when the radio is exposed to a strong RF field—near a transmitter, perhaps. The symptom is a loss of sensitivity, often a selective loss of sensitivity: there are nine band pass filters that are switched in and out and the one in use at the time of the exposure to the strong RF field

takes the big hit. Hits on multiple filters suggest multiple exposures or tuning around the bands while in the strong field. If you have noticed that signals are getting weaker this may be your problem. Stay out of those strong RF fields!

See you at the Fest!

Wendel Craighead <wendelcd@yahoo.com>, Prairie Village, KS

There have been a few times when it appeared everyone but me was receiving verifications from certain stations, and I almost felt the Post Office must be holding my QSLs. Apparently others have had the same feeling, as I've seen this discussed a few times over the Internet. The conclusion usually is that the U.S. government does not hold foreign mail. But the government does, or at least did, withhold mail from other countries. However, in my one case I was notified that my mail was being held, and I suspect any others who have had this experience were also notified.

Mike McElhatton's musing in the February Journal regarding a problem with mail from Radio Havana Cuba in the 1960s reminded me of my experience way back in the late 1950s. I received a letter from a government agency; I don't remember now if it was the Post Office or some other agency. The letter stated they were holding mail addressed to me, and if I wanted it delivered I would have to register as an Agent of a Foreign Power. There were instructions for doing this if I wanted to receive my mail, but the letter also stated that if I didn't want to register and receive the mail to just ignore the letter. Of course I didn't want any trouble with the government, so I didn't respond.

Who was this Foreign Power which the U.S. government appeared to fear? Radio 4VEH, a Christian radio station in Cap Haitian, Haiti. Maybe our government considered God to be a Foreign Power!

Anthony Jacobs, 3531 Hillman Street, Apt. 303, Youngstown, OH 44507-2031

Those of you who are looking to hear Captain Morgan the pirate station on 6,940, I've been up for three night's straight to try and capture anything. I've listened between 2300 UTC and 0400 UTC and haven't gotten as much as a yo ho-ho up here in Northern Ohio. Now south of where I live they have gotten a few yo-ho-ho's so maybe I'm too far north in Ohio. Finally, I picked him up on 2/4/2011 at 0100 UTC with a with surprisingly good copy. He was playing We Won't Get Fooled Again by The Who.

My antenna direction is lengthwise n/s. There is no way of varying it for there is no way to move and re-anchor it on the roof for there is no way to move and re-anchor it on the roof. Nor, do I want to anger my dippy landlord anymore than needed. He believes shortwave radio is not needed and may be a commie plot.

Is there an omni directional antenna out there that would be of help but small in stature and low in noise that I could put on a roof? Also, I'm not very fond of lightning. You should see what it can do when you are in a boat with a graphic rod with stainless steel wire!

Out at my aunt's house I have a Grundig Sat. 800 with a long wire. I picked up R Deutsche Welle with great results on the weekend of the 22nd of January with good copy. Also, HCJB in Ecuador came in fairly good with only a bit of interference. WBCQ is nearly non-existent at night. I would hope they would change that in the near future. In the city where I live, most of the time reception is a bit of a struggle to what it is in the country. That is why I asked about a different type of antenna.

Also, there is some background chatter on 7.540 out of Moscow. As night progresses it gets somewhat annoying. It sounds like as if there are people talking in the background. One

was giving her husband a grocery list (?) over the air while the broadcaster was talking about Russia's history. Also, when you listen to Russia believe only a portion of what you hear about their economy and shopping centers. They're having the same problems with their economy as we are. The rest is propaganda according to the fellow who runs the QSO Show on WBCQ.

The one thing I'd like to get a copy on is the international space station but I don't know the frequencies or if my R75 is capable of receiving them.

I may have picked up a transmission from Anchorage, Alaska four weeks ago at 0100 UTC on a Friday evening. Is that possible? I know what I heard but it lasted all of three minutes, then poof! I know I locked it into the memory bank of my Grundig shortwave receiver. I don't keep a logbook at my aunts, just here where I live.

Radio Havana comes in fairly strong at 0100 UTC and the music isn't bad. There is a person on HCJB, at night near 0200 UTC to 0400 UTC that talks about shortwave hints and kinks and how easy they are solved in South America. The person is genial and an easy listen. They have their own version of ARRL.

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

After reading about the Sudan Radio Service in the Feb. NASWA Journal, I decided to try it and see what happens.

It was a weekday and I tuned in at 1600 UTC, 17745 kHz, and got a fairly good clear signal with deep fades. I listened up to sign off at 1700 UTC but heard only a program in presumed Sudanese. Many clear IDs, talks by various peoples and lot of what sounded like Westernized African music. While I didn't understand anything said, from what words used in English, I got the idea it was mostly political.

In the following days, I found that the S.R.S. signed on at 1500 and went to 1700. The program was the same, still all in Sudanese, and with the same tone.

I missed Saturday but I tuned it Sunday at 1500 and again it was Sudanese. I kept listening as Listener's Notebook said it would be in English from about 1630 to 1700 UTC. All it was Sunday was non-stop music. Only one song was in English - "Unite" a rallying tune. There was no commentator from 1600 to 1700 and only one ID, at 1630.

It struck me as I continued to listen that it may be a clandestine station, possibly by the U.S. Government. This seemed proven when the S.R.S. suddenly went off mid-song at 1657, then at 1700, I heard a brief "Yankee Doodle" IS which is the VOA's music.

I also found that this is not a new station - it is listed in the 2010 WRTH both in the Shortwave stations of the World and the English broadcasts. In the latter, the station was broadcasting in English from 1500 to 1530 UTC. As I said, I heard no English all the times I listened. Both listings in the WRTH gave the frequency of 17745 kHz and the transmitter at Sines, Portugal, one of those of Radio Free Europe. I wonder if anyone knows more about this station. The last I've heard from that area is the recent try of the South Sudan to become an independent nation. Wonder of the two are linked?

Edward Insinger <Edward.Insinger@stago-us.com>, Summit, NJ

I am happy to report that I received a Certificate of Participation in the DSWCI 2010 Contest entitled "The Grand Tour Across All Continents." Mr. Jaroslav Bohac kindly sent me the Certificate and List of Winners in the contest. What surprised me was the fact that there were only two participants from the United States! I would have thought there'd

be more participants, especially in the peak of the DX season when this contest took place! It was both challenging and fun to submit reception reports and I look forward to participating in the upcoming Spring 2011 DSWCI Contest.

Best 73's, Ed, DSWCI 2010 Contest Winner # 23

Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610
Another good month for QSL returns. Although a fair number of the responses were via postal mail, all of the reports were sent electronically. Here is this month's collection of QSL news. Qinghai People's Broadcasting Station verified a report to China Radio International with a date only "Hezhen ethnic minority group" card and a copy of the Messenger magazine and a Great Wall of China bookmark. Radio Free Sarawak verified an electronic report to democracy4now (democracy4now@gmail.com) in from v/s Ong BK, Fan Club of Radio Free Sarawak in Penang, Malaysia. Armed Forces Radio at Diego Garcia responded to an electronic report with a full data card. Radio Sadaye Zindagi (Bible Voice Broadcasting Network - BVBN) via Wertachtal verified an electronic report to Media Broadcast which was forward to BVBN indicating the broadcaster - Radio Sadaye Zindagi ? - is trying to get other monitor reports for the signal into Afghanistan. And then they will decide if they would like to continue permanently on shortwave. Another Bible Voice Broadcasting "AFI" verification for a report of Radio Sadaye Zindagi via Wertachtal was verified with a full data "Reaching Nations One Person at a Time" Map card. Finally, Vatican Radio via the 10 kW transmitter in Vatican City State verified an electronic report with an electronic reply from v/s Sergio Salvatori, Frequency Management indicating a QSL card was being sent via postal mail. The verie signer also enclosed an excel spreadsheet schedule and a world map displaying target areas and beam headings.

NASWA Flashsheet

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

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**.

Shortwave Center

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

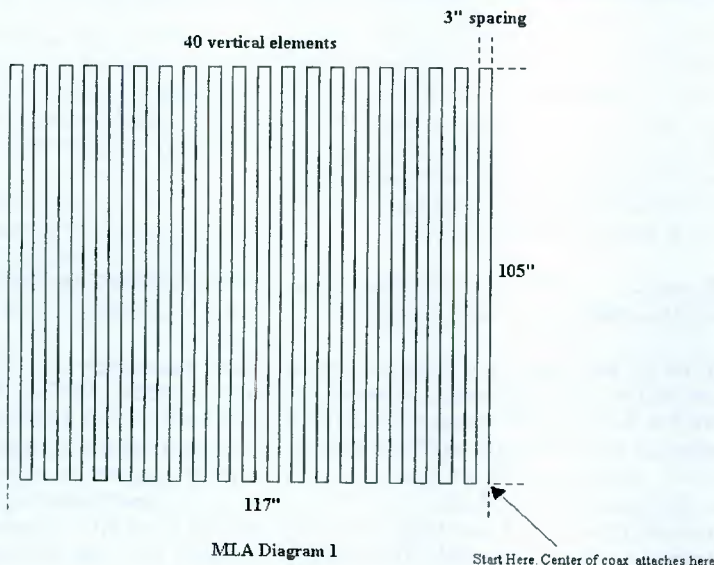
The MLA Project

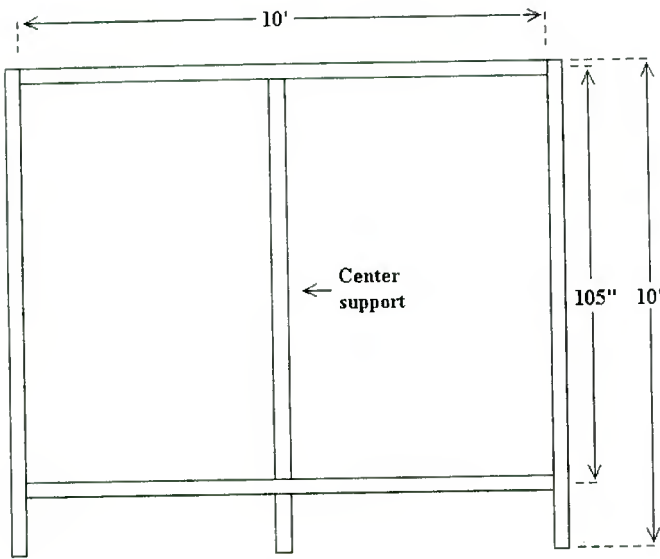
By Arthur Hernandez and Harold Faretto

We have been working on special antenna for the past year that has some surprising results and would be a great tool to any radio hobbyist. This antenna would be small enough to fit on an apartment balcony or small inter-city residential lot, capable of covering the multi-bands from the BCB through the entire HF band. It started with the idea from the old radio rule of thumb, more wire in the air equals more signal and combining impedance cancellation techniques. That got our curiosity and so we started off by searching for information on impedance cancellation principals. We first ran across the extremely interesting article called "Non-Inductive Resistor" which was written for AEC-NASA as a "Tech Brief" by Richard Davis. Without going into great detail he used a special technique of construction to cancel out inductance while reducing the physical size, called the Moebius Loop, Ref (1) and (2). Another way to incorporate inductance-canceling windings is called a caduceus coil but we did not explore this, Ref (3). This antenna design has already been developed and patented for military data and communications by BAE Systems, formerly Sanders (a Lockheed Martin Company), Ref (4). They called it the Meandering Line Antenna (MLA) but only used this

technique for UHF and above frequencies. Presently they use this technology in cell phones, GPS, RFID, laptop networking that needed high gain, ultra wide band antennas without external tuning.

Basic MLA Theory: Conventional antennas is found to have a fundamental frequency and harmonics - example a 1.8MHz resonant antenna will also have harmonic resonance at 3.6, 7.2, 14.4, and 28.8 MHz. However the MLA does not exhibit this characteristic. As the frequency increases the next resonance frequency lowers which is opposite to conventional antennas. Inductance causes a loss of gain and efficiency. So this special type of winding causes each element to cancel the inductance of the other, leaving only the resistance of the wire and a small fraction of the inductance compared to large coils and maintains a good Q factor. The more important factor provided by folding the wire is that the cancellation of opposite polarity currents from the other elements,





MLA Diagram 2

resulting in a higher average impedance along the folded element as the number of folds increases. Folding offers the possibility of reducing the size of an antenna while still maintaining a high-radiation resistance at resonance. At resonance the MLA is claimed to exhibit the gain of a yagi antenna, Ref (5). Formulas and other technical data can be found in Refs (6), (7).

Construction: An individual can build this antenna for personal use without infringement of BAE/SkyCross patents. That said here is the construction of a MLA for MW/HF. Our final MLA was built using single 360 feet long, solid copper wire zigzagging up and down making 40 vertical elements with 3 inch spacing. See diagram 1.

We used a 2'x4'x10' box wood frame to support this mass of wire. See diagram 2.

We did not want the wire close to the ground level so that the snow and rain would not affect it, we raised the bottom 2x4 by 13.5 inches. A center support made of another 2x4 to reduce sagging of the wood and avoid re-tensioning of the wire after a couple of months. 10d finishing nails were hammered at 3 inch intervals along the top

and bottom of the 2x4 woods. Now comes the winding of the wire. For ease of winding and avoid sagging issues, stand the wood frame up vertically and brace securely. Now wind wire using diagram 1 as reference. Insulate the nails and wire from wood using 1/4" irrigation plastic tubing if not using insulated wire. If this is not done then when the wood frame becomes wet you will lose signals. At this point you need decide if you want to use a ground radial or loop counterpoise system. Here is the deal. If you

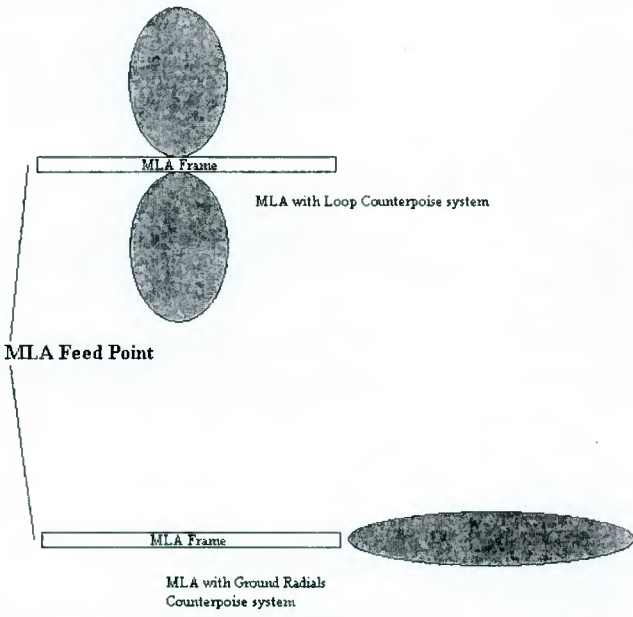
use a ground radial

system then the antenna will act like a beverage antenna and have an antenna pattern of a single direction. While a loop wire wound around the MLA wooden frame will result in an antenna pattern similar to that of a dipole, two directions. These patterns were developed using a Leader LSG-17 signal generator and field strength meter. See diagram 3.

Coaxial cable (RG-58, RG-8M, etc) connection is made with the center conductor connected to the feed point end of the MLA and the shield to the counterpoise system, whichever one you chose.

Testing: Let's now talk about the testing. First is a resonance frequency check. Using a Eico 790 Grid Dip Oscillator and frequency counter we found the following: Major Resonance Dips (KHz) - 1619, 4439, 6160

Minor Resonance Dips (KHz) - 7916, 9510, 10903, 12188, 13526, 15136, 16783, and 18567. Above this frequency the resonance dips occurred one right after another to the point it was useless to record. As far as we were concerned it was one endless resonance dip out to 30 MHz. Now using the MFJ-259 Antenna Analyzer we found the following



MLA Diagram 3

of 470K to 100K would work just fine. We also tried a NE-2 neon bulb but decided to go back to the bleeder resistor. When the charge built up to 65 volts the neon bulb would fire and you would hear a loud crack sound in your receiver audio (sometimes up to once every 1/2 second). We felt that the neon bulb was not effective in voltages below 65 volts of static charge, (not good for modern receivers) and found the crack sound annoying. Also be aware if used as a transmit antenna that power levels as low as 100 milliwatts will cause RF burns.

Frequency (KHz) SWR Impedance

1751 1.9:1

60 4301

1.5:1 65 6290

2.4:1 100

Above this last frequency the impedance and SWR were off scale.

Also measured was the total inductance of the 360 feet of wire, which measured 101 uH but by calculation should have been around 2.7 mH. So yes this form of windings does cancel out inductance. We did not have the test equipment to see the current cancellation. As for polarization we saw this configuration as vertical with both counterpoise systems. Safety: Now here comes the only safety tip we would recommend for this antenna. When the wind or snow kicks up a large DC voltage develops and can fry your receiver, it did one of ours and had to be repaired. We installed a 100K ohm, 2-watt carbon resistor at the antenna to bleed off this charge safely with no noticeable attenuation of the signal levels. Any value

Performance results: We can honestly say that it is by far better than any known small area antenna or active antennas we have used. The MLA gives SWLers a fighting chance to pick up real DX. Active antennas

We can honestly say that it is by far better than any known small area antenna or active antennas we have used.

like the Kaito KA-33, MFJ-1020 and Radio Shack 20-280 increase the noise floor and much DX is hidden in the high noise levels. While indoor longwire antennas such as the Radio Shack 278-1374A, Radio Master P-30 just don't get the signal strength. We have also tried the MLA as a 160 meter amateur band antenna with great results working up/down the entire West Coast. Also tried a smaller version (105" X 105") on the AM broadcast band for a friend's part 15 station. In this configuration was able to achieve a 15X distance increase over a standard 3 meter vertical antenna and 2X distance increase over an Isotron 200B antenna. Knowing this antenna has sweet spots (resonance points) a small T or L network antenna tuner could easily fill in the frequencies not covered by resonance points. We tried several antenna tuners such as the MFJ-900, SST T-2 and a homebrewed L-match, which all worked just fine down to 1800 KHz. Antenna tuners should be installed at the antenna feed point.

As a side note we found out that the MLA antenna pattern is influenced by non-resonant parasitic elements within as far as 50 feet. So metallic objects near this antenna will cause a change in the direction of maximum signal.

Future: The antenna can be made using smaller spacing (nothing smaller than 1/2" is practical). You can also try smaller height. You can also try horizontal running wires vice vertical. Another idea we came up with was a dual MLA connected into a dipole or folded dipole configuration. A small write up was written about the great feasibility of using the MLA as a 136 kHz LOWFER antenna, Ref (8). Along these lines you could also try other non-metallic frames, even plastic pipe/conduit is possible. It could also be tacked up to a fence. Another great idea is to disguise this antenna by weaving plastic/silk vines and flowers on the wire so as to make it look like a garden trellis. Remember not to use vines or flowers with metal wires in them. The ideas are endless. This Christmas we wish to give this

small gift, done with our own two hands to our fellow Broadcast Band and SWL DXers who has given so much to us over the past decades.

References:

(1) "Non-Inductive Resistor", AEC-NASA Tech Brief #68-10267 (Aug 1966) by Richard L. Davis

(2) "At Ultra-High Frequencies Electronics Components Take on Weird Shapes!", Electronics Illustrated (Nov. 1969) by Jorma Hyypia

(3) Symposium - "Scalar EM, Ca" -

<http://wc6.worldcrossing.com/webx?14@@.1dde2601/55>

(4) "Meander Line Antennas", SkyCross (Aug 2002) by Frank M. Caimi, Ph.D

(5) "The Effect of Conductor Line to Meander Line Antenna Design", Dec 2007 Asia-Pacific Conference on Applied Electromagnetics Proceedings.

(6) "Efficient Short Meander Antennas", Technical Topics Scrapbook - All 50 Years, pages 257 and 258 by Pat Hawker, G3VA

(7) "Performance of a Meandered Line as an Electrically Small Transmitting Antenna", IEEE Trans on Antennas and Propagation, Vol 46, No 12, Dec 1998. Warnagiris and Minardo (8) ON7YD, Antennas for 136kHz, "2.10 Meander Antenna", - <http://www.strobbe.eu/on7yd/136ant/#Meander>

Bandscan analysis of Radio Handbooks for 2011

by Anker Petersen, Denmark, January 10, 2011. © DSWCI.

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

On the 24th of October 2010 the B10 winter schedules became effective. Already on the 11th of December I received the "2011 Shortwave Frequency Guide" (SWFG) with the 2011 Super Frequency List (SFL) on a CD from Jörg Klingenfuss, Germany. But the review edition of the "World Radio TV Handbook 2011" (WRTH) first arrived from its publisher Nicholas Hardyman, UK on the 28th of December due to adverse weather conditions in the UK and Denmark. Thus this comparative analysis was delayed.

Both annual, printed Handbooks have kept their well-known, but different format.

The SWFG 2011 (15th edition) contains 424 pages in English (257 about Broadcasting and 167 about Utility stations). The Broadcasting part begins with an updated article about DRM which overall is described to have been a flop! It is followed by the comprehensive SW frequency list which for each frequency contains a line for each broadcast, practicably arranged in time order within each frequency. That includes exact times, transmitter site, language and target area. The Country section contains the same data listed by Station, but without details like geographical coordinates, addresses, web sites, QSL info, etc. Price: EUR 40,-.

At the same time Klingenfuss has published the 17th Edition of the 2011 Super Frequency List (SFL) on a CD with the same 8,000 Broadcast frequencies and 8,300 utility frequencies in use plus 22,100 formerly active frequencies. This modern tool is very easy to use on a PC using Microsoft Windows and has excellent search functions for specific frequencies, countries, stations, languages, call signs and times - or any combination

thereof! Price: EUR 30,-. More details at www.klingenfuss.org.

It is a Frequency List with SW schedules on all broadcast stations, but without any other details about the stations. I prefer the SWFG when I scan the SW broadcast bands, because the current schedule and language is available at each frequency in time order. But I have no use of all the 167 pages about utility stations.

The WRTH 2011 (65th edition) has 672 pages, including 64 in full colour. The WRTH Contributor 2011 is Alan Davies who covers South-East Asia. Then John Nelson reviews the latest expensive receiver from AOR, the AR5001D. Other receivers are Winradio G31DDC Excalibur and the ultralights Tecsun PL-310 and PL-380, Kchibo KK-D6110 and Degen DE-1103. Amongst several interesting articles is one about Radio St. Helena written by our member Robert Kipp.

After the maps, on page 65 begin the fully updated sections with all details about National and International Radio, MW and SW Frequency Lists, International broadcasts in English, French, German, Portuguese and Spanish. On page 608 is a useful list of current DRM International Broadcasts followed by terrestrial Television and on page 655 References. Read more at www.wrth.com. Price: GBP: 24,95.

The big news is mentioned on page 47 that from this month a CD will be sold from the WRTH Co. called "WRTH Bargraph Frequency Guide" with the full international schedules and domestic shortwave in bargraph form. It looks like the format of the old WRTH "Shortwave Guide" that was published in 2002 and 2003.

In contrary to the SWFG, the WRTH also contains LW, MW and some FM and TV information. Therefore I use the WRTH when I DX on the bands mentioned or need more information about the stations. It is highly

appreciated that, like the three last years, an update free of charge will be published on their website in February 2011 and a full summer edition of the International Section will be available in May 2011.

Spotcheck by bandscanning

As in my previous analyses, I also scanned through the SW-bands around New Year. I listened to 50 broadcast stations at random in frequency band and time and identified them 100%, no matter what language, and made a comparative analysis.

I then checked in the two Handbooks, if each particular broad-cast heard was mentioned in the Country Section and in the SW frequency list. This must contain the five essential details: Station name, frequency, scheduled at that exact time, exact language and site of transmitter. Half of the stations heard carried domestic broadcasts, and half of them international broadcasts. A copy of the detailed analysis can be obtained from the author.

Analysis

I consider the five details mentioned above to be essential for the DXer during his listening and identification of the transmitter and broadcast. Thus it was checked for each logging, if the Handbooks have all these essential details and if they are correct. This is then marked "+" in my detailed analysis. If just one is missing, the column got a "-".

I still consider it useful, if the Handbooks also can provide the DXer with additional information about Geographical Coordinates for his propagation calculations and Google Earth search, and ID in the language heard. Furthermore it is necessary to know current addresses (postal, e-mail and web) and QSL-policy for his reception report writing. For listeners with Broadband internet (ATDL) is it also useful to know, if the station broadcasts live audio on the web.

Most of these useful details can be found in the WRTH, but they are still missing

completely in the SWFG!

Comparison

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

	SWFG		WRTH	
	Int.	Dom.	Int	Dom
Analysis result	123	123	124	123
Sum (Max. 250)	246		247	

This year both the WRTH and the SWFG had improved from last year and were missing very few essential details:

One Africa Radio - CVC in Lusaka has been broadcasting all year throughout the night on 4965. But both Handbooks believed the misinformation from CVC, that broadcasts would close at 2200 which is not the case!

SWFG still wrongly names AIR Jeypore 5040 as AIR Jaypur, not to be mistaken with AIR Jaipur on 4910.

WRTH only has broadcast hours of about 20% of the Brazilian SW stations, whereas SWFG and DSWCI DBS have for 100%.

Conclusions

Once more, the editors of both Handbooks have done a tremendous work to gather up-to-date broadcasting schedules and other information for the B10 period and have succeeded in this to a very high degree!

Each of the Handbooks are useful for the DXer and ordinary shortwave listener. The details published are at a very high accuracy level and can hardly be much better! (Petersen)

Comment from WRTH Publisher: "Thank you for your analysis. I am delighted to see the improvement from last year, but we still have work to do to get up to that 100%." (Hardyman, Jan 10)

International Broadcasting

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

If VOA drops Mandarin shortwave, will internet content get through?

The Broadcasting Board of Governors budget request for fiscal year 2012 (available at www.bbg.gov) proposes the elimination of VOA shortwave and satellite television broadcasts in Mandarin. VOA Mandarin, minus 38 staff positions, would continue as an internet-only service. VOA Cantonese would be eliminated entirely.

To the chagrin of the VOA Chinese staff, cross-town rival Radio Free Asia would continue in Mandarin on shortwave. In fact, RFA would move into some of VOA Mandarin's prime morning and evening hours. RFA Cantonese would also continue.

VOA management held a town meeting on February 24, allowing employees to ask questions. Almost all who came to the microphone were from VOA Mandarin. One after one, they delivered eloquent statements in defense of keeping VOA Mandarin on shortwave. Each speaker presented a different argument, so this appeared to be a coordinated attack.

There is no question that the internet is more popular in China than shortwave. Only about one percent of Chinese even own shortwave radios. Central to the debate, however, is whether VOA content via internet can get through to China.

The BBG has a very high regard for the IBB's censorship circumvention techniques. They have, however, an incentive to be optimistic in this regard. It gives the BBG an excuse to turn off expensive shortwave transmitters.

The vulnerabilities of new media

Unfortunately for the BBG, its decision to reduce shortwave came just as events showed how vulnerable the alternatives – internet and satellite – can be to interdiction.

During the Egyptian uprising of late January and early February, the Egyptian government shut down that country's internet access to the outside world. In other countries, internet content has been blocked selectively, or slowed down, but experts think this is the first time a country has shut down the internet entirely. To be sure, in Egypt, it was relatively easy given its small number of ISPs.

Then Egypt took Al Jazeera off of Nilesat, which it owns and which is the most popular DTH satellite service in the country. There were also reports of interference to Al Jazeera on Arabsat and Hot Bird.

When protests began in Libya, later in February, satellite jamming became much more pronounced. Libya has a history of satellite jamming. Libya uplinked interference to Nilesat and Arabsat, obliterating not only Al Jazeera but other channels – innocent bystanders – on the same transponders.

Finally, on February 21, voanews.com and dozens of other VOA websites were subject to a hack by what claimed to be the Iranian Cyber Army. On a blue background, the message said: "We have proven that we can. Mrs. Clinton Do you want to hear the voice of oppressed nations will from the heart of the USA? Islamic world doesn't believe USA trickery. We call on you to stop interfering in Islamic countries." It was the better part of 24 hours before VOA content was restored.

According to a BBG press release: "This was a Domain Name System (DNS) attack redirecting the VOANews.com website. This was not a breach of internal systems or servers. No data was lost or compromised as a result of this event."

Some history VOA Bethany, and of WLWO, next door.

Go to the website of the National Voice of America Museum of Broadcasting, located in

transmitter building of the old VOA Bethany, Ohio, transmitting station, for a very good video production (just over 17 minutes) about the history of the site and of VOA in general. It was written by Kerry Murray, directed by Mike Murray, and narrated by Nick Clooney. The URL is www.voamuseum.org.

Also on the subject of VOA history have been recent articles in *American Diplomacy*, published by the University of North Carolina. Dr. Walter Roberts, who worked at VOA in New York during World War II, determined, with the help of Chris Kern and Michael Gray, that the actual first day of VOA broadcasts was February 1, 1942. Until now, February 24 had been considered VOA's anniversary date. (The URL for this is www.unc.edu/depts/diplomat/item/2011/0104/fsl/fsl_robertsvoa.html.)


On February 21, Jim Fearing responded to Dr. Roberts's paper, adding some of the pre-history of VOA, which actually occurred in Cincinnati...

"In May of 1940, Crosley inaugurated broadcasts from a shortwave station with the call letters of WLWO. WLWO was licensed as a commercial short wave station to broadcast into South America in English, Portuguese, and Spanish. But WLWO had some unusual characteristics that made its true nature something different than commercial radio. It had a 75,000-watt transmitter, 50 percent above its licensed limit and the largest short-wave transmitter operating in the nation at the time...

"At the National VOA Museum of Broadcasting in Cincinnati, we have seen postcards from happy listeners from South America. However, WLWO also received postcards from Portugal as early as the end of 1940 and Switzerland in November 1941, reinforcing (the notion) that WLWO had a series of antenna trained on Europe from 1940 on. There are also postcards from England in early 1941. ...

"If we take the June 13, 1942 date as the formal beginning of the OWIOB [Office of War Information Overseas Branch], but we know broadcasts were made before that, when did the broadcasts begin? Researching that turns up conflicting citations; some of which may be intentional disinformation due to the needs of fighting a war and dealing with a sometimes-hostile Congress. However, most citations note that the CIAA and the COI began broadcasting in 1941. Evidence in Cincinnati demonstrates clearly the broadcasts in Spanish, Portuguese, and English began in 1940 via WLWO [adjacent to the later VOA transmitting site]. At some point the CIAA [Office of the Co-coordinator of Inter-American Affairs] and the COI [Coordinator of Information] began using intelligence supplied by the British Security Coordinator (a division of MI6 located in New York City) and WLWO also began to broadcast in German, French and Italian. Again, those languages were broadcast from Cincinnati via WLWO on fixed antenna built specifically to cover Europe beginning in August of 1941.

"Another missing piece in the article is the role of VOA broadcaster Robert Bauer. The only German language writer and broadcaster WLWO ever had was Bauer. He began broadcasting into Germany from Cincinnati in August 1941. By the time the Office of War Information was established, he had already been broadcasting on behalf of the United States into Germany for eleven months, six of which were from Cincinnati. So the notion of who made the first VOA broadcast into Germany on behalf of the United States would seem to be answered: it was Robert Bauer and he made that broadcast from Cincinnati in August of 1941." (These excerpts are from www.unc.edu/depts/diplomat/item/2011/read/reader11b_voa.html.)

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

Listener's Notebook

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Times are UTC and frequencies in kHz.

ANGOLA 4950, *R. Nacional de Angola*, Mulenvos. February, 19 2338-2349 music, female in Portuguese talks, romantic music, male short talks, back Romantic music. Unreadable, low modulation 22322. (Lúcio Otávio Bobrowiec-Brasil via Wilkner/DXplorer)

AZERBAIJAN WRTH 2011 has *Radio Voice of Justice* schedule as 0600-0630 Wednesday and Saturday, 1400-1430 Tuesday and Friday, times variable, on 9677. (Mike Barraclough-UK/World DX Club)

BOLIVIA 4796, Bolivia, *R. Lípez*, Uyuni. February, 09 0843-0852 local Pop, Bolero style music selections, many canned ID by female on music "stay escuchando R. Lípez". Strong, 34333. (Lúcio Otávio Bobrowiec-Brasil via Wilkner/DXplorer) 4796, R Lípez, Uyuni, 0843-0955, Feb 09 and 15, local pop music, Bolero style music selections, Spanish shout outs to listeners over the music, many canned ID on music "stay escuchando Radio Lípez", 34333. (Otávio/DX Window)

5580.22, *R San José*, San José de Chiquitos (0.250 kW), 2310-0025, Feb 19, 20 and 21, Spanish talk, Andean flute, music and songs. Reactivated after six months of instability, 15221. My reception confirmed by Robert Wilkner. (Petersen-Denmark/DX Window)

BRAZIL 3355, *Rádio Educadora de Xapuri*, 3355: This is their actual frequency and name, a move from 3255. On an audio file recently recorded by Thomas Nilsson I heard the ID for Rádio Difusora Acreana (announcing MW and 4885). Suspecting this was Rádio Educadora I wrote to that station's manager who has a blog called Xapuri Agora. From his reply I learn that Educadora and Acreana are joint members of the Sistema Público de Comunicação, and so Educadora sometimes will carry Acreana programming. Audible in Europe at sunset in Acre state, bordering to Bolivia, which is around 2300. In North America, best try would be around their local sunrise, 1100z. Note: Xapuri is pronounced as sha-poo-REE. (Henrik Klemetz, Sweden/DXplorer)

3355.021 10.2 2300 *R Educadora de Xapuri*. No ID observed this time. Going direct from mx into "A Voz do Brazil". Strongest reception from 2245 - 2315

(grayline effect!). Has been more or less audible every day but it is very hard to get an ID. The station was heard again on Feb 17 at 2300, enough audible to get a nearly decent recording. This was sent to Henrik Klemetz and he immediately heard the ID for Rádio Difusora Acreana - a Voz das Selvas ... mentioned before "A Voz do Brazil" was started. (Shortwave Bulletin)

9695.8, *Radio Rio Mar*, Manus, 1015-1025, 09-02, male, Portuguese, news and comments, relays program news: "Jornal Primeira Hora" from Radio Bandeirantes. 23432. Also *1000-1007, 11-02, signing on at 1000: "6 horas em Manaus, Radio Rio Mar", male, comments and advertisements. (Méndez-Spain/EDXP)

9820, *Radio 9 de Julho* now on air., Radio 9 de Julho, Sao Paulo, 2038-2050, 19-02, Portuguese, male and female voices, religious comments: "A casa pastoral", identification: "Voce está ouvindo Radio 9 de Julho", "O pobo brasileiro". 22332. (Méndez/EDXP)

11815, *R Brasil Central*, Goiânia, GO, 2004-2015, Feb 05, program: Caravan Sportiva. "...a Brasil Central Goiânia AM 1270 ondas curtas de 25 metros, ondas tropicais 60 metros...R B C llegando a voce...", football match. (Rodriguez). Also heard at 0251, Feb 01, nice Brazilian songs, good. (Bernardini). Also heard at 2337, Jan 31, high-spirited local song, female speaker in Portuguese with time check, jingle and adv, coming in unusually late, weak. (Bell/DX Window)

11855, *R Aparecida*, Aparecida, SP, 2118-2150, Jan 22 and Feb 05, Portuguese DX program "Encontro DX", DX news with Celio Romais, from Porto Alegre, Medium Wave news, "DX-ismo Brasileiro", "...você está acompanhando Encontro DX pe la Radio Aparecida y a Rede Catolica de Radio...", 23432. (Méndez and Rodriguez/DX Window)

CENTRAL AFRICAN REPUBLIC 5035, *R Centralafricaine*, Bangui, 1745-1800, Feb 07, vernaculars and Afro music, French news at 1800. Quite strong. (Goonetilleke/DX Window)

CLANDESTINE Bar-Kulan Radio / Meeting Place in Somali
0500-0600 on 15750 DHA
1600-1700 on 9960 (DX Mix)

Radio Free North Korea in Korean
1200-1400 7505 DB
1900-2100 7530 ERV (DX Mix)

Radio Free Chosun

1200-1300 11560 ERV Korean
1500-1600 5760 TAC Korean
2000-2100 7505 DB Korean (DX Mix)

Nippon no Kaze in Korean

1300-1330 9950 TAI
1500-1530 9975 HBN
1530-1600 9965 HBN (DX Mix)

CMI Voice of Wilderness in Korean

1300-1330 6275 DB Mon-Sat
1300-1400 6275 DB Sun
1300-1400 9725 DB (DX Mix)

Furusato no Kaze in Japanese

1330-1400 9950 TAI
1430-1500 9950 HBN
1600-1630 9780 TAI (DX Mix)

JSR Shiokaze Sea Breeze

1 4 0 0 - 1 4 3 0 5 9 1 0 Y A M *
(alt.5955/5985/6120/6135)
2 0 3 0 - 2 1 0 0 6 0 4 5 Y A M *
(alt.5910/5955/5965/6135)
*Jap/Kor/Chi Tue; Jap Sun/Mon/Thu; Eng
Wed; Eng/Kor Fri; Kor Sat (DX Mix)

Open Radio for North Korea in Korean

1400-1500 7560 DB
2100-2200 7480 ERV (DX Mix)

North Korea Reform Radio in Korean

1500-1600 7590 TAC (DX Mix)

Voice of Martyrs (Freedom) in Korean

1600-1700 6240 TAC (DX Mix)

Radio Damal (Voice of Somali People, Odko

Bulshada Somaliyeed) in Somali
0400-0500 on 15700 DHA
0500-0700 on 15700 DHA
1830-1930 on 11740 WOF
1930-2130 on 11970 DHA (DX Mix)

Southern Sudan Radio Service

1600-1630 11785 MEY Arabic Sat-Thu
1600-1630 17700 ASC Arabic Sat-Thu
1630-1700 11785 MEY Fur/Masaalit/Zagawa
Sat-Thu
1630-1700 17700 ASC 250 kW 065 deg to
EaAF Fur/Masaalit/Zagawa Sat-Thu (DX Mix)

Radio Dardasha 7 (Chat from Arabic), new
station from Jan.17:

0300-0330 7325 WER Arabic
0500-0530 6100 NAU Arabic
1700-1730 9440 WER Arabic
1900-1930 9430 WER Arabic (DX Mix)

New schedule of **Hamada Radio
International** from Jan.24:

0530-0600 7350 WER Hausa Mon-Fri
0530-0600 9460 NAU Hausa Mon-Fri, addit.
freq.

1400-1430 17485 WER Hausa Mon/Wed/Fri,
cancelled
1930-2000 9840 WER Hausa Daily, ex Mon-
Fri (DX Mix)

5930, **Suaab Xaa Moo Zoo**, via Taipei (100
kW 250 degrees) 2230-2300 Hmong to South
East Asia, ex 7530. Broker Babcock (ex VTC).
(Ivanov via BC-DX, Feb 01/DX Window)

6205 **R. Free Sarawak** 1211-1300* Feb 10.
Very good signal with usual Bahasa Malaysia
phone talk(s); mx interlude at 1221; close-
down routine at 1254, with several ID's
accompanied by theme mx on string
instrument; ended with M anc saying "Bye-
bye". (Wilkins-CO/DXplorer) 6205, R. Free
Sarawak, 1210-1300* Feb 12, surprisingly
fair level at 1210 t/in with annr taking
phone calls. Lang of callers alternated
between English and Bahasa Malaysian.
Most of the English callers complaining
about corruption and media control. Brief
music break at 1217 then back to callers.
Plucked stringed instrument melody at 1258
with annr over melody with ID, prgm close
and "Bye for now." Single tone and off
abruptly 1300*. Some flutter but overall fair
and in the clear. (Herkimer-NY/DXplorer)
Aoki: 100 kW, 117deg, Dushanbe-Yangiyul,
Tajikistan (Wolfgang Bueschel-Germany/
DXplorer)

7610, **Gunaz R**, via Simferopol, Ukraine
(250 kW/130 degrees), 1430-1930, new
frequency in Azeri to Central Asia from Feb
21, ex 7510 to avoid R Pakistan in English
1600-1610 and FEBA in Silte 1730-1800.
Broker TDP. (Ivanov, via BC-DX, Feb 21).
Heard at 1643, Feb 21, talks in Azeri with
short music intervals, 44544. (Liangas/DX
Window)

15680, **R Free Sarawak** confirmed my
reception of the station/program with a
very simple QSL-card and a letter from
Erwin Zbinden, Documentation, Bruno
Manser Fonds, Socinstrasse 37, CH-4051
Basel, Switzerland. The station started on
Nov 16, 2010. Website:
www.freesarawakreport.org . (Fransson/DX
Window)

17725, **R Y'Abaganda**, via Issoudun,
1700-1715*, Feb 19, monotonous style
highlife song. A gospel song, then man in
Lingala (language of the site), then showing
email and giving address at ababaka.com . A
sudden signoff 1715. The site shows a
religious tone, mentions of "Uganda",
45444. (Liangas and Mille/DX Window)

COLOMBIA 5200H, **Caucana 1040**,
Popayan, 2320-2340, Feb 05, Harmonic 5 x
1040 kHz, program Fiesta Vallenata, ID:
"...esta es Caucana 1040 HJSY, desde
Popayan, Cauca; Caucana 1040 sonido de
nuestra tierra, otra estacion de Red Sonora,

presente y futuro de la radio...". (Rodriguez/DX Window)

5910, **Alcaraván Radio**, Puerto Lleras, 0701-0820, 11-02, Latinamerican songs, male, Spanish, religious comments, identification: "Alcarán Radio". 24322. (Méndez-Spain/EDXP) 5910, Alcaraván Radio, Puerto Lleras, 0558-0650, 20-02, Latinamerican songs, identification at 0600: "Alcaraván Radio, 1530 AM, y en onda corta, 5910 kHz, banda internacional de 49 metros, Alcaraván Radio", religious comments in Spanish. 24322. (Méndez/EDXP)

La Voz del Guaviare heard on 6035 at 0100, identification then National Anthem, no sign of Bhutan on the frequency. (Mark Davies-UK, BDXC-UK/WDXC)

CONGO (Dem. Rep.) 5066.34, **R Télé Candip**, Bunia (p), 1630-1905*, Feb 03, French talk, very weak. (Ritola and Savolainen/DX Window) 5066.35, **R Télé Candip**, Bunia, 1840-1859*, Feb 20, African music and songs, male French announcer with ID at 1859: "Vous êtes à l'écoute de Radio Télé émettent sur", short female closing ann, 24432/3. (Van Arnhem/DX Window)

CONGO (Rep.) 6115, **R Congo**, Brazzaville, 1820-1821*, Feb 06, male speaker in French, music bridge, abrupt sign off, good. (Bell/DX Window)

CYPRUS Cyprus Broadcasting Corporation in Greek
2215-2245 on 6180 Fri-Sun
2215-2245 on 7210 Fri-Sun
2215-2245 on 9760 Fri-Sun (DX Mix)

ERITREA 4760.00, **Voice of the Broad Masses of Eritrea-2**, Asmara, 0310-0405, Feb 22, Arabic news about Tunisia and USA with short musical interludes, Arab song and music, 0330 vernacular talks and Horn of Africa music, 35333 // 7175. Has replaced 4770! (Petersen-Denmark/DXplorer)

GERMANY Chancellor Angela Merkel's cabinet January 20 ordered **Deutsche Welle** to tighten its focus and to cut back its programming for Germans living abroad. Deutsche Welle, which is funded by the German taxpayer and broadcasts in some 30 languages, is to pare back its shortwave and medium wave radio transmissions - once the backbone of the service - and concentrate on FM broadcasts in selected countries. Up to 2013, it will also gradually focus on key audiences in Asia, Africa, Arab nations and Latin America. Shortwave radio transmissions will be mostly dropped, and will only continue to a few regions, an announcement said. (DPA via

monstersandcritics.com via Media Network/WDXC)

15215, the "ONCE A YEAR" broadcast of **R Öömrang** towards Great Britain and Ireland, North America on Feb 21 only at 1600, via Media Broadcast, Wertachtal, 500 kW. That is a special "once a year" single day broadcast on Petri {St. Peter} Day, as broadcast always on Feb 21, every year since 2006 year. This broadcast costs the guys 300 EURO lease cost, plus production cost. Program produced in Frisian/and some English language part in between at the Frisian school institute at Flensburg in order to protect the {North} Frisian dialect. Frisian is a LOWER GERMAN "dialect", rather modified Dutch similar language family, divided in Frisland-Netherlands, "Eastern Frisia" in Germany between Emden and Bremerhaven, and "Northern Frisia" language area [divided in 12 sub-dialects] between Brunsbüttel - Amrum island - Sylt island up to the Danish border etc. According to the "Radio Öömrang" broadcast crew, there are living more "Amrum Island" citizens around NY and NJ now, than remained on the island lately. Öömrang (Amrum Frisian) is the dialect of the North Frisian language spoken on the island of Amrum in the German region of North Frisia. (Bueschel in DXplorer) Heard at *1600-1700*, Feb 21, Frisian dialect by man and woman, mentioned Kenya, Montreal, food, a school, advs for restaurants. Off in mid-sentence, 55555, in Denmark 35333. (Berg, Bredahl Jorgensen, Green, Herkimer, Kenny, Koie and Mille/DX Window)

GREENLAND 3815 USB, **KNR Tasilaq**, 2125-2205, Feb 07 and 09, songs, clear male Greenlandic talks, instrumental music, 24442. (Van Arnhem and Mille). Not heard since! (Petersen/DX Window)

GUINEA 4989.913, **Guinea Familia** at 2330-2345 Afro Pop music, French comments, good signal. 3 Feb. (Wilkner/DXplorer) 4899.91, Familia FM, Conakry (p), 2255-2318, Feb 07 and 19, talks by female voice, with noise on the frequency, 23432. (Van Arnhem and Liangas). Only a very weak carrier without audio heard in Denmark 2045-2300, Feb 18 and 19. (Petersen/DX Window)

7125, **R. Conakry**. Feb 09. 0853-0855 two male in French discussion. At 0855 UT abrupt s/off, 24322. (Lucio Otavio Bobrowiec-BRA, hcdx Feb 9/TopNews) 7125, RTG, Conakry (tent), at 1755-1900 UT on Feb 06, long talk in African French, mostly West African pops. Good signal at times, some deep fades and HAM-QRM. They seem to be highly irregular, long time since I last logged them on 7125. (Savolainen-FIN, DXplorer/DX Window) It has not been heard since Aug 2010. (Ed/DX Window) 7125, R. Conakry. February, 09 0853-0855 two male

in French discussion. At 0855 abrupt s/off, 24322 (Lúcio Otávio Bobrowiec-Brasil via Wilkner/DXplorer)

INDIA 4970, *AIR Shillong*, 1436-1512, Feb 4. DJ in English playing pop songs (Britney Spears, et al.) and reading requests (one from Nagaland); 1446 news headlines and back to requests; made an announcement that Shillong felt a quake measuring 6.4 "this evening"; 1512 suddenly switched over to the audio feed from Delhi. Many local IDs; almost fair even with their never-ending persistent hum. But I must say this hum is nothing compared to the monster hum produced by the Delhi transmitter on 5015, which is heard almost every day with barely any audio. At least Shillong can still be enjoyed to some degree! With the switch over at 1512 they became // 4810, 4835 (one of their better days), 4840, 4965, 5010, 5040, 5050, 9425 and 9470. (Ron Howard-CA/NASWA Yahoo Group)

INDONESIA 3325, *RRI Palangkaraya* 1333-1406 Feb 19. YL taking phone calls; played two songs during the half-hour period, the rest was phone calls; local IS on calliope (or whatever) at 1359 was followed by berita lokal. Good signal but low readability due to persistent band noise here. Also good next day with same IS and news about the same time. (Wilkins-CO/DXplorer)

3344.96 *RRI Ternate* 1318-1407 Feb 20. Amazing signal, about equal to Palangkaraya. Lite vocal mx program hosted by man to 1400, then phone chat(s) to 1407 tune out. Peaked around 1345 and went downhill after that. Nice to hear them at this level again. (Wilkins-CO/DXplorer)

3995, *RRI Kendari*, 1526-1545, Feb 07 and 14, Bahasa Indonesia talks and songs, 24332. (Van Arnhem). Also heard 1545-1557*, Feb 13, Indonesian popular songs. At 1556 ann of FM frequencies, followed by ID "Radio Republik Indonesia Kendari". The transmission signed off at 1557. 45444. Very well. (Kato visiting Cairns, Australia/DX Window)

4920, *RRI Biak*, Biak, 1445-1505, Feb 13, Indonesian music program with short ann, 1500 adv, Indonesian song, 45444. Very well. (Kato visiting Cairns, Australia/DX Window)

ISRAEL 15850.007, *Galei Zahal*, Feb 20 around 0810 noted on DK3SML Michael's Perseus unit(remote access) fair signal of Israel's army forces radio sender Galei Zahal. S=6-7 in Germany and S=6 on SDR-IQ radio on the Greek isls. Extended live telephone interview in English heard from Bahrain, about the unrest and police clashes at the island, and accompanied worries by Israel. Interview content translated immediately

into Hebrew for local audience in ISR. Wolfgang Bueschel-Germany/DXplorer)

IVORY COAST Incumbent president Laurent Gbagbo's National Council on Audiovisual Communication revoked the broadcasting license for U.N. radio in keeping with Mr. Gbagbo's call for the entire U.N. mission to leave the country because he says it lost its neutrality after certifying his rival, Alassane Ouattara, as the winner of November's presidential election. But the station's FM broadcasts continue throughout Ivory Coast in defiance of the incumbent government's ban. Mr. Gbagbo and Mr. Ouattara both claim the presidency of Ivory Coast. Mr. Gbagbo says he was re-elected when the constitutional council annulled as fraudulent nearly ten percent of all ballots cast. The electoral commission and the United Nations say Mr. Ouattara won. Officials from the African Union met separately with both men this week and are now preparing a report for the leaders of Burkina Faso, Chad, Mauritania, South Africa, and Tanzania, who have been appointed by the African Union to come up with a way to end the crisis by the end of the month. (VOA News via Ferreira, Feb 12/DX Window)

LAOS 6130, *LNR*, 1418, Feb 4 (Friday). "Functioning in English" program; equally in Laotian and English; language lesson related to the business world; interview with Mike Epstein of Advanced Technologies; light to heavy adjacent QRM. After monitoring this for about 3 weeks, believe they have tweaked the transmitter, as the signal is surely improved from last year and it would be hard to attribute it all to just improved propagation. (Ron Howard-CA/NASWA Yahoo Group) 6130, LNR, 1416, Feb 7. After the news in Laotian, an introduction in Laotian for "Functioning in Business"; mentions "VOA", who produces this program in English; "Hello. I am Elizabeth Moore. Welcome to Functioning in Business"; poor; at times heavy adjacent QRM; intro clearly heard. Scheduled for Monday and Tuesday, but often also noted on Friday and Saturday, for the 1415 to 1430 time period. (Ron Howard-CA)

LIBERIA 5470.01, *R Veritas*, Monrovia (p). 1915-2200*, Feb 19, vernacular talk 1915-1925, 24232. Later heard 2120-2200* in French with a conversation programme like: "Le Monde comme moi", talks and interlude music, 2200 closing ann, but II not caught. Deep fades, but when best: 35323. R Veritas has been off since Oct 2007. French is a new language. Thanks to hint by Davies via Green. (Petersen/DX Window)

LIBYA 17725, *Voice of Africa*, monitored English broadcast earlier this morning (Feb

21), 1505, with fair/good signals, audio modulation fluctuating slightly and at low level but in the clear. //21695 not as good. Commentary on "problem of democracy" equating western democracies with dictatorshipships. Followed with feature on formation of African Union. No change in usual programming or any mention of current unrest. I just heard on the BBC that national broadcasters headquarters in Tripoli has been set on fire by protesters. Also reports of airplanes bombing civilians in the streets and other aircraft defecting to Malta. It looks like 2011 may go down in history as a pivotal year in history akin to 1848. (Stephen C. Wood, Harwich, MA) Also heard Feb 22, 1415-1500 in Swahili (in contrary to the above schedule!) with talk about Gaddafi and Tunisia, 55544 // 21695 (45544). At 1500-1557 English programme // 21695, but announced as 1400-1600 UTC on 17850 and 21695 !!! At 1502 talk about "The Illusion of the Problem of Democracy" from Gaddafi's famous "Green Book", at 1506 a talk about the African Union, e.g. promoting Human Rights ! African songs, 1526 a talk about Senegal, 1539 a talk on "Unity of Africa", 1554 closing ann and abrupt s/off of 21695. 17725 continued with the French programme. A strange broadcast with no newscast from the center of the World's attention and misinformation e.g. about its schedule. (Petersen/DX Window)

MICRONESIA (Federated States Of) A report by a Japanese listener in a newsgroup advised that the religious broadcaster **Cross Radio** Pohnpei is again being heard on SW, using 4755, and observed on Jan 29 from 0946 until signoff at 0934. Pohnpei is one of four States in the Pacific, part of the Federated States of Micronesia, administered by the USA. The broadcaster had commenced SW broadcasts some time ago but had not been heard until now. (Padula-Australia/NASWA Yahoo Group)

4755.45, PMA **The Cross Radio**, 1152-1325, Feb. 2. Programming consisted mostly of ballads, with occasional announcements by very professional sounding OM, I suspect this may have been a syndicated Christian music program. Caught their ID just before the ToH by a young sounding female, "You are listening to the Cross Radio". Despite freezing rain at the time, this is the strongest I have heard them, and I was surprised that they were still audible as late as 1325 UTC, although the peak in reception was around 1200. Thanks for the tip on the Kageyama BCL bulletin board: <http://6103.teacup.com/akage/bbs/> SINPO 24222. (George Maroti-NY)

4755.45, **The Cross**, randomly from 1317 to tune out at 1644, Feb 2. Non-stop contemporary Christian songs in English,

except for IDs also in English; poor to fair. 1330 - young girl: "Hi. My name is .. I listen to the Cross Radio"; 1431 - young girl: "Hi. This is . . (gives name). The world is tuned to ... the Cross Radio. You will like it"; 1558 - young girl: "This is . . . on 88.5 FM"; 1602 - man: "This is the Cross Radio. Please stay with us. We will be back in a minute" (open carrier for about a minute, then continued with their religious songs). (Ron Howard-CA)

The reactivated SW religious broadcaster "The Cross - Pacific Missionary Station", V6MP, 1 kW, currently provides good signals on 4755 here in Melbourne in our sunrise period, from around 1900 to fade-out at about 1945. Programming is in English, playing contemporary Christian music, simulcasting the FM service on 88.5. See the broadcaster's website at <http://www.pmapacific.org/>. The schedule, station photos and its history may be downloaded as a PDF file from the site. See also page 278 of the WORTH11 for further details and addresses. (Bob Padula-Australia/NASWA Yahoo Group)

It's no surprise why we are hearing 4755 so much better now, here's the reply I received from the technician that traveled to Pohnpei to fix their antenna: "Hi George, Great to hear from you. The station is primarily targeted on the Micronesian islands. The problem we have had is not much real estate and a 300 watt Fm in the same equipment rack. This time we have changed the antenna to a horizontal one wavelength loop. This is getting a much better signal into the islands. We have also improved the modulation. We have a great match to the antenna and have a Radio Design Labs compressor Limiter from their Stick On series fed into an Inovonics 222 process to handle the modulation. We are maintaining a high level of modulation now. Around 80 to 90% negative and 80 to 100 positive. This should make an improvement and it seems that what you hear is that. Thank you for taking the time to write. May the Lord Bless! Dave, David Casement, Broadcast Technician, Galcom International" (Maroti-NY/DXplorer) Thanks to Jari Savolainen (Finland) for the contact name in DXLD 11-05. Sent a report to Dave Casement. Am very pleased with his quick response! "Thank you for the audio clip, I just listened to it. I am pleased with the modulation being so clear from that distance. I installed a "Radio Design Labs" compressor/limiter from their Stick On series fed into an Inovonics 222 processor. This as I hoped is working very well. The antenna is a one wavelength horizontal loop and the transmitter is an Armstrong 1000 watt. I am glad that you are enjoying the station, they do have a good line up of music and programs. While we are here I sometimes wake up at night and listen on

the FM in my MP3. Their intention is not to go 24 hr with the sw as the folks in the islands would not be listening through the night. They are doing test transmissions now and getting reports from the islands so the regular schedule is yet to be determined. Keep listening and you may pick up on that. Also I hope the music and the messages presented will be inspiration to a closer relationship with God. David Casement, Broadcast Technician, Galcom International, (1) 613-766-2536, (2) 905-574-4626, dave@galcom.org. (Ron Howard-CA)

4755.44, The Cross Radio: Nice to see this making it over to the east coast. If only 1 KW, then the antenna they have been working on for some years now is really fabulous! (Ron Howard-CA)

4755.4, The Cross, 1150 tune-in, EG religious pgm, ID 1159 by YL with mention of FM, into contemporary religious mx program. Fair signal and increasing in strength by 1207. OM anncr. and into religious song. I'm really quite impressed with signal considering its only 1KW. (Yamron-PA, 2/4) 4755.4, The Cross, 1240 UTC, still increasing in strength here with quite readable signal, very nice ID at 1259, ".this is The Cross Radio, 88.5? FM", into more contemporary religious tunes. (Yamron-PA 2/4)

Received a friendly email from Melinda R. Espinosa (Pacific Missionary Aviation Headquarters, P.O. Box 3209, Hagatna, Guam 96932 <info@pmapacific.org>). She sent a copy of my report to PMA Pohnpei <pohnpei@pmapacific.org> and said: "Thank you so very much for your reception report. I am sending a copy of it to our Station in Pohnpei so that they may be informed of the reception. Yes, we are on 24/7. PMA Pohnpei will respond to you shortly concerning your request for a QSL Card." So it would seem that the Pohnpei email address would be the most direct method of requesting the Cross Radio QSL card. Wish everyone good luck with their requests! (Ron Howard-CA)

4755.44, The Cross Radio emailed a verification statement with date and time, along with attached QSL card (blank). "Thank you for your reception report for The Cross Radio. We are pleased to verify your reception of our transmission. On: Feb. 3 from 1313 UTC to tune out at 1502 UTC; SW 4755 KHz, V6MP 1KW; Antennae: 1 wavelength, Horizontal Loop @ 35ft. FM 88.5, 99.5, 102.5 MHz, V6MA 300W; Pohnpei, Federated States of Micronesia 7N/158E. Currently we are on the air with the SW 4755, 24/7 until we establish the best times for the islands we are targeting. They communicate with us via HF radio and don't always have the battery power to give us

their reception reports. The Cross Radio is a ministry of Pacific Missionary Aviation, an evangelical mission serving the islands of Micronesia and the Philippines. Our target is to broadcast SW radio to the isolated outer islands of Micronesia, in the Pacific, where common conveniences such as electricity, plumbing, airport, hospital and radio do not exist. Due to technical problems with our antennae we have been off the air. At the beginning of 2011, Galcom engineers arrived to take care of that problem. We appreciate your enthusiasm for hearing us in your part of the world. We have received reports from USA, Japan, Canada, Finland, Sweden, and other countries. Please visit our website for more information about PMA. If you feel so inclined, and want to help keep us on the air, you can donate to the Cross Radio through www.pmapacific.org using the PayPal option. Please designate gradioh in the message box. We prefer to send QSL verification requests by email. However, if you need a hard copy, please let us know. That Every Island May Hear, Sylvia Kalau, The Cross Radio, Pacific Missionary Aviation, Station Manager, P. O. Box 517, Pohnpei, FM 96941. Tel: 691-320-2496; Fax: 691-320-2592; e mail: pohnpei@pmapacific.org; Website : www.pmapacific.org." Many thanks to Jim Young (CA) who called Sylvia directly and talked to her about providing a verification statement with the email. Well done Jim! (Ron Howard-CA)

4755.44, The Cross Radio: Updated information just in from Sylvia Kalau (station manager): "Warm greetings from the Islands! We are not continuing with 24 hour on the air, that was mostly for testing purposes. Our times will most likely be from 830 am to 830 pm until we get the reports from the islands as to the best transmitting times for them. We are thankful for the positive impact the radio is having in the islands of Micronesia. Thank you for your interest!" So the tentative schedule will be from approximately 2130 UT to 0930 UT, for the time being. (Ron Howard-CA, Feb 7)

Another factor for us to consider when they are off the air is this very recent response from Sylvia Kalau (station manager) to Jim Young (CA): "Our island is having power problems. We were off the air for 3 hours due to load shedding. 11am to 1:30 pm PNI [Pohnpei] time to be exact. No generator backup." 0000 UT - 0230 UT. Some background information per this Dec 1, 2010 news story: "Pohnpei, FSM—The recent power crisis that made it necessary for Pohnpei Utilities Company to ration electrical power to its customers is over for the time being according to PUC General Manager Feliciano Perman but his declaration comes with a caveat. Perman, who spoke to the press only after the short term power crisis was over cautioned

Pohnpei residents against over optimism, "I want to be sure that people in Pohnpei know that anything could happen (with the power) at any time because our generators are very old." Pohnpei's seven generators need to be completely rebuilt or replaced entirely. (Ron Howard-CA/NASWA Yahoo Group)

Jim Young has just now received another update from Sylvia Kalau (station manager): "We are shutting down the short wave radio to save on the power costs at night around 10pm and turning on again at 8am. So don't expect to hear us then." Off the air from approximately 1100 to 2100. Thanks to Jim for passing this along. (Ron Howard-CA/NASWA Yahoo Group)

MYANMAR 5985.0, *Myanma Radio*, 1530, Feb 5. This was a rare day that they used the transmitter at Naypyidaw, instead of the off frequency one at Yangon (5985.83); sites are assumed. Start of their final English segment of the day; full ID with frequencies; news followed by C&W songs in English; 1559 seem to read something from the New Light of Myanmar. 5985.83, Myanma Radio, 1308, Feb 6. Back to being off frequency again via the transmitter at Yangon (assumed), after yesterdays 5985.0 broadcast from assume Naypyidaw (assumed); EZL music and in vernacular. (Ron Howard-CA/NASWA Yahoo Group) 5985.83 and also 5985.0, Myanma Radio, Feb 10. I can confirm that they are in fact switching transmitter sites during their evening broadcast. 1321 +1347 + 1431 found them via the Yangon site, off frequency. Next check at 1438 heard them via the Naypyidaw site, exact frequency. So sometime between 1431 and 1438 they switched sites. Naypyidaw transmitter (assume much newer than the old Yangon one) had much better reception; 1438-1456 non-stop indigenous music and singing. (Ron Howard-CA/NASWA Yahoo Group)

NIGERIA 6089.9, *R Nigeria*, Kaduna, 0439, Feb 09, female group singing local song, ID in Hausa, not distorted, not heard for quite a few months, fair. Also at 1933 on Feb 18 with ann in Hausa and chants, fair. (Bell/DX Window)

NORWAY *The Voice of Democratic Burma* is closing down its Headquarters' and radio production in Norway due to lack of financing. The new Headquarters' has not yet been decided. The station, which has been active in Norway ever since the beginning, beams daily via satellites and short wave transmitters from its downtown Oslo studios to Burma. In Burma it runs a well-organized clandestine organisation of reporters who risk up to 20-40 years imprisonment, if they are caught by the junta. The station receives a part of its foundation from Norwegian human rights

organisation. A spokesman for the Voice of Burma said, it is support from outside Norway, that has dwindled. The station needs more than one million US dollars to continue from Oslo. Norway is too expensive, he added. Its TV studios in Oslo will continue, however. (Løvstrøm/DX Window)

PERU 4746.97, *R Huanta 2000*, Huanta, 2259-2340, Feb 05, Spanish fast speaking talk and lively Andean song, advs: "Avenida Universitaria", "tomar bebidas alcoholicas perjudica la salud", "como vencer la eyaculación precoz", 25332. (Méndez and Petersen). Also heard at 0048-0102*, Feb 06, presenting music by Los Errantes de Chuquibamba, in the program: Sentimiento Arequipeño. ID: "...yo escucho Radio Huanta 2000, siempre en primer lugar.." (Rodriguez/DX Window)

4986.833, *Radio Manantial*, Huancayo 2330 to 0020 "...con junto en Santo Domingo" excellent music, ments to Bolivia 0000 ID by om Radio Manantial, Huancayokilo...banda..." 3/4 Feb. (Wilkner-FL/DXplorer)

6174.0, *R Tawantisuyo*, Cusco, 0015-0035, Jan 28 and Feb 06, Spanish program: Voces y Canciones del Per, ID: "...Radio Tawantisuyo ofreciendoles siempre la música del Perú profundo...", ann in vernacular. (Bell and Rodriguez). Probably Quechoa. (Ed/DX Window)

9674.8, *Pacifico R*, Lima, 2040-2115, Feb 05, program: Dialogando, Con analisis de libros evangelicos, ann Libreria El Inca. Mentions Grupo Pacifico de comunicaciones. "... estamos en Pacifico Radio 640 amplitud modulada, usted nos puede leer en nuestra pagina www.pacificoradio.com o a traves de Facebook...h Promo of program: Fé en Marcha. Excellent audio quality. But not heard on 4975 for some nights. (Rodriguez/DX Window)

PHILIPPINES 9720, *R Veritas Asia*, Palauig, 2300-2328*, Jan 24, religious broadcasting in Pilipino, English ID's, soft instrumental music and many ID's in Pilipino. This is a new service or a new time. 45444. (Bredahl Jorgensen/DX Window)

PRIDNESTROVIE (Moldavian S.S.R.) 7290, *Radio PMR* at 2230 on Feb 2 with time pips and a man with "This is the next edition of the informational analytic program of the Pridnestrovian Radio PMR" then news - Very Good. This is ex-6240. I assume they went to this frequency so that they don't have to change frequencies at 0000 when Voice of Russia uses this transmitter. (Mark Coady-ONT/NASWA Yahoo Group)

RUSSIA 6075, *GTRK Kamchatka* via Petropavlovsk-Kamchatka, 0710-0724, Feb 1. A different, shorter format now with their local/regional programming no longer being 50 minutes long; starts with IDs for "Radio Rossii Kamchatka" and "This is Kamchatka"; this English ID was formerly always given at the BoH; quickly into monologue (not in Russian; Mauno suggests perhaps in Koryak) with many mentions of "Kamchatka"; 0724 back to Russian and regular Radio Rossii IDs; very good reception. Now is the time to catch this local program while the audio is still fairly good (only slight hum), as recently the strong motor boating/hum was fixed. (Ron Howard-CA/NASWA Yahoo Group)

SARAWAK 5030.02, *Sarawak FM* via Kuching 1332-1409 Feb 9. Vocal music hosted by male anc; long jingle at 1359, followed by pips (1+1) at ToH and berita (news); back to mx at 1407. Pretty good today, topping the S-8 band noise. (Wilkins-CO/DXplorer)

SOLOMON ISLANDS 5020, *Solomon Islands BC*, Honiara. February, 10 0838-0848 non stop female in an uncertain language (English or Tok Pisin?) talks. 23422. 5020, Solomon Islands BC, Honiara. February, 19 0850-0903 Female in Tok Pisin talks, local music, female top of the hour announcements "broadcast". QRM of R. Rebelde 5025, 32332 (Lúcio Otávio Bobrowiec-Brasil via Wilkner/DXplorer) 5020, Solomon Islands BC, Honiara, 1133-1204*, Feb 14, local songs and short ann in English. At 1200 closing ann with notice of the programs. Then ann and ID as "God blessing everyone", "You are listening to Solomon Islands Broadcasting Corporation, Radio Hapi Isles". The transmission ended with the national anthem of Solomon Islands. (Kato visiting Cairns, Australia/DX Window)

SOUTH AFRICA *RTE Radio One* in English 1930-2030 on 6225 MEY (DX Mix)

TURKMENISTAN 5015.00, *Türkmen R*, Ashgabad, 0005-0035, Feb 06, Turkmen short ann, typical Central Asian instrumental music with Horn. Reactivated, but only in SSB, best in LSB, but not in AM-mode! 34333. Not audible on their other frequency 4930. (Anker Petersen-Denmark/DXplorer)

UKRAINE Ukraine will reduce an announcement on SW to a minimum. Since February, 1st the *International Radio of Ukraine* will leave on short waves only one broadcast - in direction of Russia at 1500-1800 on frequency 7435. The International radio of Ukraine will be accessible to other regions on companion Astra 4 (4,8 degr e.d.) with a cover zone in

Europe, and worldwide through the Internet to the address: www.nrcu.gov.ua. Source: Directly from station. (Vadim Alekseev-RUS, <<http://www.dxing.ru/>> Russian DX League Jan 30/Top News)

UNITED KINGDOM The *BBC* confirmed January 17 that BBC Monitoring, the division responsible for supplying information on the output of TV, press and internet outlets around the world, is to lose 72 posts, 16% of its staff, although 18 new positions will also be created. The job losses are part of moves to cut £6 million over two years from BBC Monitoring's £23.2 million annual budget. As part of the licence fee deal, the BBC is taking over responsibility for funding BBC Monitoring from the Cabinet Office in 2013. "Regrettably service cuts and post closures are inevitable given the scale of the cut in funding from the Cabinet Office. We are now beginning a period of consultation with staff on our proposals," said the BBC Monitoring director, Chris Westcott. (Media Guardian/WDXC)

BBC World Service gave details of its response to a cut to its Grant-in-Aid funding from the UK's Foreign & Commonwealth Office on January 26. BBC World Service is to carry out a fundamental restructure in order to meet the 16 per cent savings target required by the Government's Spending Review of 20 October last year. In the first year, starting in April 2011, the international broadcaster will be making savings of £19million on this year's operating expenditure of £236.7million. There will be the complete closure of five language services - Albanian, Macedonian, Portuguese for Africa and Serbian languages; as well as the English for the Caribbean regional service. BBC World Service will cease all radio programming - focusing instead, as appropriate, on online, mobile and television content and distribution. There will be a phased reduction in medium wave and short wave throughout the period. By March 2014, short wave broadcasts of the English service could be reduced to two hours per day in Africa and Asia. BBC World Service will cease all short wave distribution of its radio content in March 2011 in: Hindi, Indonesian, Kyrgyz, Nepali, Swahili and the Great Lakes service (for Rwanda and Burundi). There will be a new schedule for World Service English language programming - a focus on four daily news titles (BBC Newshour, BBC World Today, BBC World Briefing, and BBC World Have Your Say); and a new morning programme for Africa. There will also be the loss of some correspondent posts. Audiences will fall by more than 30 million as a result of the changes. Investments in new services are planned in order to offset further net audience losses resulting from additional

savings in the 2012-14 period. (Excerpts from BBC Press Office/WDXC)

URUGUAY 3900, *Web R Infoideas*, (unofficial), 0112, Jan 25, canned time check with "humedad" (moisture) info, reggae music. (Nigro/DX Window)

5886, *Em. Chaná*, Tacuarembó, (unofficial), 0316, Jan 24, usual adv string, mentions of "Tacuarembó", "teléfono". (Nigro/DX Window)

6125, *R Uruguay* (Radiodifusión Nacional, SODRE), 1552, Jan 21, remains active. Only possible to be logged during daylight, due to earth wave from co-channel QRM, but very weak. (Nigro/DX Window)

USA Effective Feb 1, 2011, the Tennessee-based religious broadcaster "Leap of Faith" plans to use this new schedule:

5080 2300-1200
5755 2300-1200
9480 1200-2300
9990 1200-2300

Power is 100 kW, site is "Lebanon", call sign is *WTWW*, target is Americas/Europe. (Padula-Australia/NASWA Yahoo Group)

VANUATU 3945, *R. Vanuatu*, Port Vila. February, 20 0824-0834 Pop music, female in an uncertain language, male seems in local language talks. This time Vanuatu was prevailing over *R. Nikkei 2*, which was with Beatles' selections (songs of Abbey Road album); 32333. (Lúcio Otávio Bobrowiec-Brasil via Wilkner/DXplorer)

7260, *R. Vanuatu*, Port Vila. February, 09 0830-0839 studio female and male in English discussion with male outside; // 3945, 23332. February, 12 0839-0853 female in an uncertain language talks, local music. // 3945, 34333. February, 19 0828-0839 male in local language talks, female alternating music in English talks. // 3945, 33333. February, 20 0835-0844 male seems in local language talks, police siren noise, (which must be a police news space), female talks. 33333. (Lúcio Otávio Bobrowiec-Brasil via Wilkner/DXplorer)

ZAMBIA 5915, *ZNBC/Radio 1*, 0245-0250, Jan 27. African Fish Eagle IS; mixing with assume CRI; after the distinctive IS was completely unusable. (Ron Howard-CA/NASWA Yahoo Group)

6165, *ZNBC/Radio 2*, at 0249, Jan 27 was finally able to confirm the distinctive African Fish Eagle IS; difficult due to strong QRM; // 5915. After RN (via Bonaire) signed off (0427*) found them in the clear (no hint of any Chad) with non-stop African Hi-Life music; IDs: "Radio 2"; in English with

local time checks (UT +2); 0500 news; almost fair. Pleasant to find them with no QRM and a nice music program. (Ron Howard-CA/NASWA Yahoo Group)


ZANZIBAR 6015, *RTZ* (presumed), *0257, Feb 4. This is now heard on a regular basis, alas with a weak signal. Suddenly on with repetitive xylophone sounding IS; 0301-0306; non-stop reciting from the Qur'an (the most distinctive detail of their broadcast) and then sounded like a talk about Islam. (Ron Howard-CA/NASWA Yahoo Group)

ZIMBABWE 4828, *Voice of Zimbabwe*, Gweru, 1825-1833, Feb 07, Afro music very fast, talk in UNID language. Good signal. New transmitter? More power? (Bolli). Also heard at 2208-2215*, Feb 04, vernacular, National Hymn by female choral, 23322. (Otávio/DX Window) 4828, *Voice of Zimbabwe*, Gweru. February, 08 2154-2217 African music (xylophone-like and voice), male in an uncertain language, back same kind of music, female in English talks segment, N. A., at 2217 audio off. Progressive enhancement, 23322. (Lúcio Otávio Bobrowiec-Brasil via Wilkner/DXplorer)

WORLD RADIO TV HANDBOOK A PDF file providing a supplement to the 2011 edition of the WRTH is available at: http://www.wrth.com/files/WRTH2011IntRadioSuppl1_B10SchedulesUpdate.pdf.

WRTH Bargraph Frequency Guide

B10: Now Available - Order your copy today!
We are delighted to announce the availability of the new WRTH Bargraph Frequency Guide. This is only for sale on the WRTH site. Visit our website at www.wrth.com to find out more and to order a copy. I hope you enjoy using this new guide. (Hardyman/DX Window) I just received my CD and it is beautiful and excellent! It includes all international broadcasters on LW, MW and SW plus domestic broadcasters (written in *italic*) on SW. It is in frequency order and each station is listed by the responsible broadcaster, transmitter site and country, kW and the colour bars show the duration of each broadcast on the 24-hour clock. Even all Brazilian stations have their schedule shown! It is highly recommendable for just 9.99! (Petersen/DX Window)

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

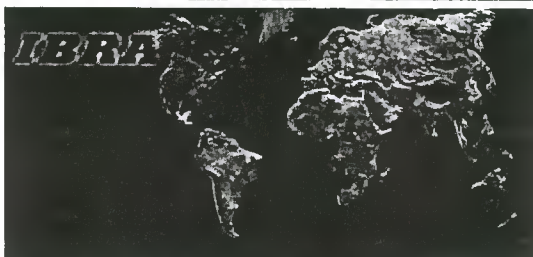
QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

BRASIL: Radio Cultura do Amazonas ZYP278 4845 QSL via Email in 16 mos. for \$2.00. v/s Sonia Guimaraes and Rosimar Honorato. (Smith-MA).

CHINA, PEOPLES REPUBLIC OF:

China National Radio 1 7305 via Shijiazhuang f/d cd. (less site) in 221 ds. The cd. was of the "CNR HQ Building" and written in EG/CH. (Kivell-FL). **China National Radio 1 9900 via Beijing** same as above w/o site in 74 ds. The cd. was the same also. (Kivell-FL). **China National Radio 1 9455 via Lingshi** same as the other two in 150 ds. All three rpt. were sent to Beijing. The return address on the envelope: CNR, P.O. Box 4501, Beijing 100866...this is different from what is listed in WRTH. (Kivell-FL).



The Crystal Ship	
QSL	
Shortwave	

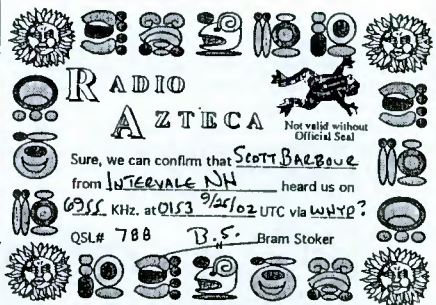
CLANDESTINE (Uganda): Radiyo
* **Abaganda 17725 via Issoudun, France** verified through Media Broadcast w/ an electronic reply in 12 ds. from Walter Brodowsky, TDF Group Short-Wave Project Leader. Walter noted they were using a 250 kW transmitter in combination with a High gain curtain antenna system HR

STATION NOTES: Radio Calypso 6275 Email: calypso104@hotmail.com. **Radio Carneval 6210.7** Addr: SRS Germany, PO Box 101145 DE 99801 Eisenach, Germany. **Radio Dutchwing 6376.7** Email: radiodutchwing@live.nl. **Radio Gloria International 6140** via Wertachtal Addr: PO Box 460143, DE-01246 Dresden, Germany. **Radio Pionier 6400.5** Email: radiopionier@live.nl. **Radio Victoria 9290** via Riga Ulbroka Addr: c/o WWDXC, PO Box 1214, DE-61282 Bad Homburg, Germany. v/s Roger Kirk...via PLAY DX.

	6.45 QSL
Radio Fana	
Tel. 51 67 77 P.O. Box 30702 Fax: 51 50 39 Addis Ababa Ethiopia	
To: _____ Your report of reception of Radio Fana's transmission on _____	
has been checked with the station log for the date mentioned and is duly verified herewith	
General Manager	

4/5/0.5 from Short-wave Radio Station Issoudun. He said the original target area is Uganda and it is really amazing that I was able to pick up the back beam of the signal in such good quality. (D'Angelo-PA).

ENGLAND: Deutsche Welle 3995 via **Skelton** f/d "Deutsche Welle Sines Portugal" cd. in 20 ds. for a rpt. to Bonn and a postcard. v/s Horst Schotz, Transmission Management. (Kivell-FL).



GERMANY: WRMI Radio Miami International (Hamada Radio International) 7350 via Wertachtal the station verified w/ an electronic reply in 1 day from Walter Brodowsky, TDF Group Short-Wave Project Leader and Key-Account and Product-Manager Short-Wave. (That's quite a title...the name plate on his office desk must be enormous...Sam) Walter indicated they were using a 100 kW transmitter at Wertachtal in combination with a HR 4/4/0.8 antenna system towards Nigeria on Azimuth 180 degrees. The broadcasting

time is Monday - Friday between 05:30 - 06:00 UTC. (D'Angelo-PA).
Radio Farda 7280 via Radio Free Europe / Radio Liberty in Wertachtal

DIRECTORATE GENERAL ALL INDIA RADIO
 A.V. Dhawan, Sansad Bhawan, New Delhi-110001 INDIA

O.I.G.S.
 GOVT. OF INDIA

No. 211/77 RTH Dated 25.02.99

Dear Sir/Ms/Les,

We gratefully acknowledge and confirm your Reception Report.

Date 14.11.98 Frequency 9595 kHz
 Time 1042 Station Delhi

Yours faithfully,
 Mt. MAHEENDRA VAGHJEE

5 AC IRUINE STREET
 DELHI 110018
 INDIA

"Headquarters" cd. in 124 ds. for a rpt. sent to the Czech Republic for \$2.00 and a postcard. The QSL made no mention of Radio Farda but they did say that they were broadcasting in Persian.

STATION NOTES: Super Radio Boa Boa Vontade 6160 v/s Vera Carpes Quednau, Coordenadora da Programacao. Addr: Legiao da Boa Vontade, Avenida Sao Paulo 722, Navegantes / Sao Geraldo, CEP - 90230-160, Porto Alegre, RS, Brasil. Radio Nacional Venezuela 11650 v/s Freddy R. Santos Email: canalinternacionalrnv@gmail.com Radio Orang Utang 6206 Addr: Postfach 101145, D-99801 Eisenach, Germany. Sonic 6325 Email: jaccoenmirjan@hotmail.com Radio Victoria 6240 Email: freeradiovictor

Radio 17745 Email: srs@edc.org or srs@sudanradio.org
Pol-skie Radio 11675 via Moosbrunn Addr: P.O. Box 46, PL-00 977, Warszawa, Poland.. via PLAY DX...Sam.



Pounceys
 St. Helena Island
 South Atlantic Ocean
 Telephone: +290 4669
 Fax: +290 4542
 E-mail: radio.sthelena@helanta.sh

(Kivell-FL). **NHK World 9790 via Wertachtal** f/d "Candle - lit Night" cd. in 42 ds. for ms. (Kivell-FL).

MONACO: Trans World Radio 7220 f/d ltr. via Email in 6 ds. for a rpt. sent to the Cary, NC address. The station promised to send a QSL via the mail. v/s Kalman Dobos (kdobos@twr.org) (Kivell-FL). 9 days later I received a "TWR Europe" f/d cd. Addr: P.O. Box 141, A-1235 Vienna, Austria (Kivell-FL).

Dear Short-wave Listener

Radio St Helena Day 1999.

It's almost 5 years since we held the last Worldwide Broadcast from Radio St Helena.

Some of you, out of the 730 that sent Reception Reports, have not yet received your QSL's. I cannot give a reasonable explanation for this except to say that I have inherited the situation and I am trying to get up to date with the backlog of the 1999 QSL's.

My sincere thanks goes to Robert Kipp who has helped tremendously in compiling a file of all those listeners who, for one reason or another, have not received an acknowledgement from Radio St Helena.

I enclose your 1999 QSL with the original covering letter from the then Station Manager - Tony Leo.

My apologies for this very long delay

20/04/09



The Voice of Free China
Overseas Department BCC
23, Jan. Al. Rd., Sec. 2
Taipei, Taiwan,
Republic of China

聲之國中自由

廣播海外漢語自由情報中心
第三十五期三國文仁佛地哥美聖國歐歐中

此處請
明送
我報
附位

Mr. Samuel Barto
336 French Street
Watertown, Conn. 06795
U. S. A.

Time: 0330-0310 GMT
Frequency: 17.720 MHz
Program Received: English

This is to verify that your
reception report of April 5,
1967 corresponded with our
station log of the same day.
Thank you for your interest.

PALAU: T8WH 9930 f/d "WHRI 20 Years
of Shortwave Ministry to the
World" cd. in 370 ds. for \$1.00
My rpt. was sent to the South
Bend, IN address. The QSL had
the Naalehu, Hawaii transmitter
info crossed out and replaced
w/ the T8WH Palau data. c/v # 117
(Barbour-NH).

**PORTUGAL: RDP Inter-
national** 9455 the
station QSLed my
electronic rpt. w/
a f/d "75 Anos
Radio Publica Port-
guese"

台北國際之聲



Radio Taipei International

uguesa" cd. and a form ltr. v/s Paula Nunes Teixeira,
Intercambio e Contacto RDP International. All in 25 ds.
inviting further rpts. to: paula.teixeira@rtp.pt. (D'Angelo-PA).

STATION NOTES: Radio Santa Cruz 6135 v/s Maria Yolanda Marco Escobar,
Secretaria de Direccion. Addr: Fundacion RFA, Casilla 672 y 3213 Santa
Cruz, Bolivia. Email: direccion@irfabolivia.org **Scotland Interna-
tional** 6202 Email: rad
ioscotland@hotmail.com
Saturnus 6300 Email:
info@radiobrandaris.
com **Quintus** 6325 Email:
radioquintus@hotmail.
com **Barones** 1653 Email:
3927am@rock.com **Space-
man** 3900 Email: space
man@hotmail.com Addr:
NL-7160 AB Neede, Neth-
erlands. **Skyline Inter-
national** 3905 Email:
skylinehorizon221@hotmail.com
Orion 5820
Email: info@orionradio.
nl ...via PLAY DX..Sam.

NABEL, Proposees en Hebeis Folkloriques
Region de Cap Bon

Dear Listener,

The External Relations Department
thanks you for your recep-
tion report :

Date	Frequency	Time GMT
20/12/75	7275	21.20/21.40

It has been checked and found
correct.

With our best wishes, we re-
main.

Yours sincerely,

Radiodiffusion Television Tunisienne
(QSL) CARD



Mr. Samuel L. Barto
245 Cherry Ave.
Apt. J-11
Watertown, Conn.
U.S.A. 06795

Sudan Radio Service 17745 via Sines f/d ltr. via Email (less site)
in 37 ds. for a rpt. sent to: Sudan Radio Service, Attn: Jean Brun-
ner, QSL Manager, 1000 Potomac Street, NW, Suite 350, Washington
DC 20007. I also sent \$2.00. The QSL was signed by Emily Kiilu,
Marketing Assistant, ekiilu@sudanradio.org The location on the QSL
was Washington DC, the body of the QSL had a frequency of 18.000
MHZ instead of the correct 17.745 MHZ. Although the ltr. had the

correct frequency the
QSL was incorrect. Emily
also forwarded her reply
to three different SRS
addresses. (Kivell-
FL).

**SOUTH AFRICA: Trans World
Radio** 7215 via **SENTECH
Meyerton** fd ltr. in 80
ds. for ms., postcard
and \$2.00. v/s Sikander
Hoosen, HF Coverage
Planning, Operations &
Maintenance, Sentech
Ltd., The station noted
that the transmitter
was a 250 KW Brown Bov-
eri. (Kivell-FL).

QSL

We take pleasure in verifying
your reception report of our
transmission.

Via: Soroti.
Date: 22nd September, 1979.
Time: 1820 - 1832 GMT,
Frequency: 15250 kHz.
Signature: Francoysa

Sam Barto,
460 Emmett St, B -19,
Rristol, Conn.,
U.S.A. 06010

RADIO UGANDA P.O. Box 2038, Kampala.

Tel. 57251 Kampala, cable: K UGANDA



THE MIGHTY KBC

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We are looking for countries that are interested in our programmes.

Date Q3
Time 22
Frequency
Transmit

In a MIGHTY KBC programme.
Thank you for listening in touch.
We hope you continue to enjoy our radio programmes.

Best regards
Tosha W.

QSL CARD

PG
15
89
RICHARD A. D'ANGELO
2216 BURKEY DRIVE
WYOMISSING, PA 19610
U.S.A.

BBC Relay Station 7320 via
SENTECH Meyerton f/d ltr. in
133 ds. for ms., postcard and
\$2.00. v/s same as above.
(Kivell-FL).

USA: WRMI Radio Miami International 9955 f/d "2011 NAB USA Annual Meeting" cd. in 13 ds. for \$2.00 v/s Jeff White. Also rcvd. business cd. and a station folder. (Kivell-FL)
USA (Pirates): WEAK Radio 6930
I rcvd. an Email QSL "Operator and Antenna" cd. in 38 ds for a rpt. to the FRN. (Kivell-FL). Radio Magnetar 6937 the station verified my Email rpt. to: magnetarradio@gmail.

com w/ an email attachment in 2 ds. (D'Angelo-PA). Thinking Man Radio 6925 f/d cd. in 1 day for a rpt to: thinkingmanradio@gmail.com. (D'An-

STATION NOTES: Radio Suzuki 6205 Email: radiosuzuki@hotmail.com **Saxonia Radio** Addr: Postfach 10 11 45, DE-99801 Eisenach, Germany. **Shortwave Combination Holland and 6310** Email: radiolowland@hotmail.com This is an effort between **Radio Alice, Radio Belfast, Radio Lowland and Radio Marconi. Spider Radio 6925** Email: spider.sw@hotmail.com v/s Kostas Karamanlis. **Studio 52 6310.7** Email: studio52@planet.nl ...via PLAY DX...Sam.

Verification Card

Dear *Richard A. D'Angelo*

We thank you for your reception report and keen interest in our programmes.

We are pleased to verify that you heard Radio Pyongyang from 13.00 to 13.40 on 9335 kHz on 13.11.2006.

Your valuable opinions on our programmes will always be very much appreciated.

Yours sincerely,

The Radio-Television Broadcasting Committee of the DPRK, Pyongyang

gelo-PA). WTCR 20th Century Radio 3433 the station verified my Email rpt. of their Christmas eve musical program w/ a f/d email "Flying Saucer" cd. attachment in 1 day. v/s Dr. Morbius. (D'Angelo-PA).... I wonder what the Doctor's specializes in?...Sam.

Well we have come to the end of another QSL Column. Some verie interesting QSLs. As far as I know I'll be at the SWL Winfest. I'm coming down with an old DX friend of mine.

Hope to meet you all. Sam.

THE MIGHTY KBC

1386 kHz AM
WWW.KBCRADIO.EU

Scoreboard

Gary R. Neal • P.O. Box 1 • Cockeysville, MD 21030-0001 • grneal@earthlink.net

This month we are highlighting our members' totals from Africa. Ranking is based upon African Countries Verified. This is your chance to show everyone how well you are doing. The next deadline is May 15th for the June 2011 issue of the Journal. The spotlight will be on South America.

Name, State	Total		Africa		Best African QSL
	C/H	C/V	C/H	C/V	
Don Jensen, WI	255	251	66	66	RTF Comoros-Mayotte, Dzaoudi
Dan Henderson, MD	249	245	66	66	ORTF Reunion
Marlin Field, MI	245	245	66	66	Kenya (250 w.)
James W. Young, CA	253	239	66	65	R. St. Helena (450 w.)
Jerry Berg, MA	244	244	64	64	R. Clube Tenerife, Canary Is. (250 w.)
Harold Cones, VA	234	232	64	64	R. Reunion
Tom Williamson, ON	243	230	65	61	ZNB Mafeking, Bechuanaland
Chris Lobdell, MA	229	225	62	61	Guinea-Conakry-9650
Wendel Craighead, KS	233	222	65	61	R. Mauritania, Senegal
Sheryl Paszkiewicz, WI	222	218	59	59	Guinea
Dan Robinson, MD	230	196	62	58	Renunion
Rich D'Angelo, PA	225	223	58	57	R. Mogadishu, Italian Somaliland
Jim Evans, TN	213	203	57	56	R. Leopoldville, Congo - 1962
Steven R. Lare, MI	239	225	62	54	Mauritius
Paul Buer, FL	219	208	60	54	La Voz de la Isla de la Palma (350 w.)
Ron Howard, CA	212	200	57	52	R. Cidade
George Maroti, NY	206	200	53	50	R. Hargeysa
Stephen Leite, MA	210	197	50	47	9HLB Lubusbashi, Zaire
Christos Rigas, IL	217	198	56	46	R. St. Helena
Stephen Price, PA	198	183	53	46	R. Bata
Ross Comeau, MA	193	172	52	40	R. Tanzania - Zanzibar
Bill Smith, MA	175	161	46	40	Cape Verde
Allan R. Loudell	192	167	50	37	R. Lesotho
Mark Humenyk, ON	169	148	44	34	Channel Africa
James R. Renfrew, NY	189	161	50	33	R. St. Helena
Jerry Johnston, KY	210	141	58	29	R. St. Helena
Richard E. Lawrenson, RI	143	128	30	29	R. St. Helena
John Mosman, WI	120	120	27	27	W. Nigeria Broadcasting Corp.
Dan Srebnick, NJ	156	121	42	26	Ivory Coast
George L. Glotzbach, MN	154	136	30	25	R. Lomé, Togo
Larry Colton, FL	254	125	42	25	Cameroon-Garoua 5010
David Turnick, PA	144	124	29	25	Zimbabwe Broadcasting Corp.
Scott C. Newman, IN	148	113	37	25	R. Omdurman
Gary R. Neal, MD	137	127	27	22	R. St. Helena
Scott R. Barbour, NH	168	115	42	22	Full Gospel L. P. Church (100 w.)
Paul Brouillette, IL	148	121	39	21	R. Mozambique
Jilly Dybka, TN	145	108	34	21	R. Nacional Angola
Edward G. Stroh, IL	135	104	30	18	R. Mogadishu, Somalia
Richard Bradley, MA	145	130	17	17	FEBA Radio, Seychelles
Doug Tilley, WA	117	89	26	15	R. St. Helena
Gary W. Froemming, AZ	184	44	51	8	ZUD Time Station (S. Africa)
Jerry Ervine, TX	110	60	15	6	Nigeria
Alex Vranes, Jr. WV	226	216			
Jerry Klinck, NY	220	202			
Bob Raymond, NH	175	150			
Ken McCartney, OH	125	73			



Contributors' Page

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DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA	IC-7600, two 100' LW
Scott BARBOUR, Intervale, NH	NRD545, MLB-1, 200' Beverages, 60m dipole
Rick BARTON, El Mirage, AZ	Drake R8, SP600/JX-14, HQ-120x. HQ-140X
Eric BUENEMAN, Hazelwood, MO	IC746, 150 ft dipole
Mark COADY, Peterborough, ONT	Eton E-1, 65RV
Rich D'ANGELO, Wyomissing, PA	TenTec RX340, DX Sloper
Gerry DEXTER, Lake Geneva, WI	NRD-545, Parker balanced doublet antennas
Jim EVANS, Germantown, TN	RX340, R8B,E1, ICF -SW7600G, 90' attic wire
Marlin FIELD, Hillsdale, MI	NRD535D, long wire
Bob FRASER, Belfast, ME	Sony ICF-2003 ICF-SW100S 2m LW
S. HANDLER, IL	Yaesu FT-897D, dipole, ICF-7600 GR
Glenn HAUSER, Enid, OK	FRG-7, SW-07, YB400 random wires
Ron HOWARD, Asilomar Beach, CA	etón E-1
William McGUIRE, Cheverly, MD	DX-380
Robert MONTGOMERY, Levittown, PA	NRD535DB, active antenna
Dale PARK, Honolulu, HI	Kenwood R-5000, Datong AD370 ant.
Richard PARKER, Pennsburg, PA	51S-1-X, R390A, SE3, ant. farm
Sheryl PASZKIEWICZ, Manitowoc, WI	Grundig Sat 800, Eavesdropper
Dave REITZ, Reading, PA	Drake R8, 100' long wire
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, Wellbrook 330s loop
Mark TAYLOR, Madison, WI	g313e, E1, Sat 800, Flexenna, EWE
Ed WLODARSKI, NJ	RX340, 100' lw



2000-5900 kHz

Tropical Band Loggings

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

- 2310 AUSTRALIA *VL8A* Alice Springs 1141-1150 M ancr in EE w/ mx prg; fair; //2325 & 2485-poor; 1/10. (Wlodarski-NJ) 1052-1200 Pop mx prg; good; //2325 & 2485-fair; 1/17 & 24. (Wlodarski-NJ) 1221 EE pop mx; S4 lvl w/ some fades; 1/24. (Montgomery-PA) 1114-1145 M & W ancrs w/ EE banter; weak; 1/31 & 2/1. (Field & Cones/FCDX-PA)
- 2325 AUSTRALIA *VL8T* Tennant Creek 1243-1250 Prg re TV in Australia; fair; //2310 & 2485-fair; 1/14. (Wlodarski-NJ) 1113-1200 Pop mx prg; good//2310-good; 2485-poor; 1/18 & 26. (Wlodarski-NJ) 1227-1235 Some fading but fair recep; IS & W ancr w/ ID at 1230; S8 lvl; //2310 & 2485; 1/24. (Montgomery/FCDX-PA)
- 2368 AUSTRALIA *R. Symban* 1207-1230 Greek mx; ancrs occ. speaking over mx; quite good; 1/27 & 31. (Wlodarski-NJ) 2368.5 1430-1511 Back on the air again after being absent for some weeks; as they had been off, I had hoped they were upgrading the txmitter; did not notice any improvement today; very faintly heard mx which could have been Greek; better propagation on 1/19; clearly Greek mx at 1336; 1505 instrumental mx; 1/18-21. (Howard-CA)

- 2485 **AUSTRALIA VL8K** Katherine 1321 VL8 check: carriers 7 bits of audio on 2485; better 2325 & best 2310; still v. poor; 1/16. (Hauser-OK) 1200-1215 M anc in EE w/ nx; poor; //2310 & 2325-poor; 1/19 & 25. (Wlodarski-NJ) 1224 Mx prg; S5 lvl; 1/24. (Montgomery/FCDX-PA) 1025-1030 Strongest of the three VL8 120m sigs; 1/31. (Wilkner-FL) 1105-1115 M anc w/ scientist re wx in Australia; mx prg; good; 2/1. (Wlodarski-NJ)
- 3200 **SWAZILAND TWR** Manzini 0321 Contemporary Christian mx; ID in Ndebele; f-p; 1/18. (Bueneman-MO)
- 3210 **UNIDENTIFIED** 1338 I am able to detect a JBA carrier; so will like to think it's the new low-power, no-name NSW Australian stn & will be interested to see if others rpt it on the air at this time; 90m condx were better than usual w/ carriers & some audio from Indo/PNG on 3325, 3345 & 3365; 2/4. (Hauser-OK)
- 3215 **USA WWCR** Nashville 0735 WOR confirmed here; 1/30. (Hauser-OK)
- 3240 **SWAZILAND TWR** Manzini 0327 0329 "Joy to the World" in vern. by mixed vcl group; M anc in listed Nda; armchair recep; 1/31. (Field & Cones/FCDX-PA)
- 3250 **HONDURAS R. Luz y Vida** San Luis 0246-0250 (P); Slow relg sounding mx; poor w/ fading; 1/12. (Evans-TN) 1210-1215 Lcl mx; M anc in SS w/ ID at 1214; good; 1/14. (Wlodarski-NJ) 1125-1135 SS ballad; exc.; 1/17. (Wlodarski-NJ) 0255 Christian teaching; hymns; ID in SS; f-p; 1/20. (Bueneman-MO) 0107 Very nice mx at t/in; S2 lvl w/ fades to noise floor; 1/24. (Montgomery/FCDX-PA)
- 3255 **SOUTH AFRICA BBC** Meyerton 2139-2145 EE prg re nationalizing of business by various governments; fair; 1/12. (Wlodarski-NJ) 0403 EE nx including correspondent rpt w/ iBBCi outro; poor; 1/30. (Taylor-WI) 0352 M anc w/ W re conflicts in Africa; ments. Somalia, Sudan & Uganda; M anc w/ BBCWS ID at 0400; armchair copy; 1/31. (Field & Cones/FCDX-PA)
- 3275 **PNG-NEW GUINEA TERRITORY R. Southern Highlands** Mendi 1204-1215 Lcl type mx; W anc in Tok Pisin w/ lcl ancment at 1208; ad at 1209; TC; poor; 1/27 & 2/1. (Wlodarski-NJ)
- 3279.95 **ECUADOR LV del Napo** Tena 1020 Mx; exc. sig; 1/31. (Wilkner-FL) 3280 1030-1050 Relg prg into lcl music at 1040; good; 1/17 & 24. (Wlodarski-NJ)
- 3290 **GUYANA GBC** Georgetown 1025-1035 M anc w/ morning prg which consisted of mx; ads & wx; good; 1/10. (Wlodarski-NJ) 0346-0416 Soft instrumental pop mx including iSounds of Silence prior to 0358 ID & ancments in EE by M anc; nx at 0400; fair but vox modulation seemed low once nx started; 1/11. (D'Angelo-PA) 1000-1010 EE nx & wx; good; 1/18. (Wlodarski-NJ) 0930 Lcl ancments; pop mx; notes on investments; Prime Minister rpts; nx on Cuba; residents in coastal regions warned; anniversary ancments "celebrating their 14th; 1/19. (Wilkner-FL) 0705 M & W anc w/ BBC nx; mid-nx iBBC World Servicei ID; v. poor; 1/20. (Sellers-BC) 0949-1003 M anc preaching in EE followed by diff. M anc w/ ID & nx at 1001; fair; 1/21. (D'Angelo-PA) 0955-1005 EE relg prg followed by ID; pips & nx at 1000; fair; 1/24. (Wlodarski-NJ) 2354 M anc in EE w/ relg mx; v. nice sig lvl & audio; 1/24. (Montgomery/FCDX-PA) 0140-0145 M anc in (P) EE w/ what sounded like addressing a small congregation; in the clear w/ good strong 40dB sig but audio lvl extremely weak; 1/26. (Parker-PA) 0605 Troubled sig w/ some audio: 0950 Protestant sermon; 1005 nx re financial crisis, Haiti, Sec. of State Clinton; 1010 msges; "Georgetown Magistrate Court... Commissioner of Police..." into mx "Someone to Lean On"; 1/31. (Wilkner-FL) 0631 BBC nx; iBBC Newsi ID; prgring continued past 0700; poor; 2/1. (Sellers-BC) 0945-0955 M anc in EE w/ obituaries over mx; good; 2/1. (Wlodarski-NJ)
- 3305 **PNG R. Western** 1217-1225 M anc in Tok Pisin w/ lcl nx items followed by lcl mx at 1219; fair; have not heard this one in quite a while; 1/10. (Wlodarski-NJ)[ID? last rpted in July '09 per DBS 12-ed.]
- 3310 **BOLIVIA R. Mosoj Chaski** Cochabamba 0953-1035 M & W anc w/ relg talk in Quecha; lcl type mx at 0955; ID at 0956; ute on freq; poor; 1/20; 25 & 2/1. (Wlodarski-NJ)
- 3315 **PNG-ADMIRALTY ISLAND R. Manus** Lorengau 1231-1240 Two M anc in Tok Pisin w/ discussion; ballad type song at 1233; poor; 1/10. (Wlodarski-NJ)
- 3320 **SOUTH AFRICA R. Sondergrense** Meyerton 2135-2140 Mx prg w/ M & W anc in Afrikaans; listener dedications; good; 1/12. (Wlodarski-NJ) 0234 Mellow Afrikaan vcls; poor; 1/14. (Taylor-WI) 0345-0405 "I have a feeling" by Black Eyed Peas; S9 sig; 1/24. (Montgomery/FCDX-PA) 0332 M vcls w/ "Spirit in the Sky" in Afrikaans; talk; 1/31. (Field & Cones/FCDX-PA)
- 3325 **PNG-BOUGANVILLE R. Buka** Kieta 1241-1250 Ballad type song at 1242; W anc in Tok Pisin w/ song titles; more mx; p-f; 1/10. (Wlodarski-NJ)
- 3329.53 **PERU Ondas del Huallaga** Huánuco 1030-1100 Hyper M anc en espanol; one ID & mx; 2/8. (Wilkner-FL) 3329.58 1005 Ments. de Santa Maria & Lima; M w/ ancments; OA mx; 1/19. (Wilkner-FL)
- 3340 **HONDURAS HRMI** Comayaguela 0330 Relg mx & talk in SS; f-p; 1/20. (Bueneman-MO) 0532-0540 (P); Slow, contemporary SS relg mx; no ancments heard; v. weak sig w/ fading; barely above the noise; 1/22. (Evans-TN) 0935-1100 M anc w/ SS relg talk over mx; fair; 1/22 & 25. (Wlodarski-NJ) 0623 Just barely modulated mx; must be HRMI; a bit of running-water ute QRM hits briefly; 1/23. (Hauser-OK) 0147-0151 Slow mx; same situation as 3290-Guyana this evening; they were quieting the noise w/ a decent 25dB carrier but the audio was barely perceptible;

- it's an anomaly I've seen many times over the years where propagation attenuates the audio component of an otherwise strong sig; not sure what causes this; perhaps something to do w/ phasing?; 1/26. (Parker-PA) 1020-1030 M & W ancrs w/ relg talk; good; 2/3. (Wlodarski-NJ)
- 3345 **SOUTH AFRICA Channel Africa** Meyerton 0310-0316 M & W ancrs in EE; in the clear w/ decent 25dB sig but the audio just wasn't making it; poor; 1/3. (Parker-PA) 0340-0410 EE talk re the economy; sports update 0341; ID at 0345; nice recep but static crashes; 1/25. (Montgomery/FCDX-PA) 0358 M ancr in EE; 3+1 pips at ToH; ID; nx; poor; 1/30. (Taylor-WI) 0351 M & W ancrs w/ EE talk; 1/31. (Field & Cones/FCDX-PA)
- 3350 **COSTA RICA REE** Cariari de Pococi 0512 M ancr in SS w/ (P) nx w/ correspondent rpts; REE mx bumpers between items; fair 1/26. (Coady-ONT) 0342-0411 W ancr w/ M interview; ancments & IDs at 0355 w/ freq; mx; IS at 0400 & ID as "Radio Nacional de Espana"; M & W ancrs w/ nx; ancments & IDs; relg talk prg re Conferencia Episcopal en Espana; chorus songs in brief; ID & interviews; best heard in LSB to null RTTY; het nulled with inter-audio filter; fair; //6005-vg; 2/3. (Serra-Italy)
- 3365 **PNG R. Milne Bay** Alotau 1200-1210 W ancr in Tok Pisin w/ nx & lcl ancments; ballad type mx at 1209; poor; good at 1250 recheck; 1/10. (Wlodarski-NJ) 1359 Radio Milne Bay, Voice of Kula, Alotau, as listed in WRTH 2011; not that I have ever heard such a full ID; choral mx; 1401 s/off in EE ment. 90.3 (? WRTH uses 90.7) FM & something on "90 meters"; "until tomorrow morning"; 1402 brief NA until 1403; carrier still on at 1405 t/out; was S9+15; 1/14. (Hauser-OK) 1140-1250 M & W ancrs w/ nx cmentary; ID at 1149 followed by lcl mx; ancments; fair; 1/17; 26 & 31. (Wlodarski-NJ)
- 3375 **BRAZIL R. Municipal** São Gabriel da Cochoeira 1035-1040 Lcl type PP mx; M ancr at 1038 w/ ad; fair; 1/10. (Wlodarski-NJ) 1020-1025 Ballad; W ancr w/ listener requests; ancments & ads; f-g; 1/19 & 27. (Wlodarski-NJ) 3375.34 0930 Mx de Brasil; v. strong sig; 1/29. (Wilkner-FL)
- 3385 **PNG-NEW BRITAIN R. East New Britain** Rabaul 1104-1155 M & W ancrs in Tok Pisin w/ nx; EE ID at 1107; listener phone calls; poor-good over ute QRM; 1/17. (Wlodarski-NJ) 1223 I hear mx vs a TADIL-A bonker: two bangs on the anvil, one beat pause, repeated; so I stay tuned to RENB for the anticipated abrupt timer-controlled cutoff the air which does occur mid-mx at 1225:20* exposing the bonker in the clear; some other PNG carriers remained w/ bits of audio; such as 3365 & 3275; 1/19. (Hauser-OK) 1124-1130 Lcl mx; M ancr w/ TC at 1128; good sig strength but QRM from ute stn made copy difficult; 2/1. (Wlodarski-NJ)[“bonker” has rendered RENB unusable at my locale-ed.]
- 3480 **NORTH KOREA AINDP** Wonsan 1337 (P); Triumphal choral mx; fair sig & no het audible; N. Korean National Democratic Front relaying PBS; rather than its nemesis Voice of the People, from the South; could have been on 3481 as listed by Aoki; did not nail down the freq; much better sig here than on 2850 from KCBS; 2/4. (Hauser-OK)
- 3480 **SOUTH KOREA V. of the People** Kyonggi-do 1226 Stronger sig w/ modulation is here; weaker het from 3481; Per Aoki 3480 is V. of the People in KK; clandestine from S to N while 3481 is jamming by KNDF from the North; 2/5. (Hauser-OK)
- 3810L **ECUADOR HD2IOA** Guayaquil 0444 Time stn w/ beep & SS ancment by M at 10 second intervals; good; not plagued w/ usual, heavy ARO interference; 1/17. (Evans-TN)
- 3925 **JAPAN R. Nikkei** Tokyo-Nagara 1135-1147 M ancr w/ JJ talk followed by traditional JJ mx; p-f; //6055 poor; 1/24. (D'Angelo/FCDX-PA) 1047-1100 Classical mx; occ. ARO Amateur QRM; good; 2/1. (Wlodarski-NJ)
- 3945 **VANUATU R. Vanuatu** Port Vila 1100 In Pok Pisin w/ interview; 1129 clear ment. of iVanuatui; 1212 EZL pop songs; 1218 s/off ancment w/ SW-MW-FM freqs; seemed to say they would be back on the air tomorrow at ihalf past five; unable to make out a clear R. Vanuatu ID; anthem; 1220*; s/off varying from 1214-1220; poor w/ ham QRM. 1/19-22. (Howard-CA)
- 3955 **UNITED KINGDOM KBS World** Skelton 2206-2228 Several IDs during EE nx followed by financial rpt; 2210 prg “Korean Pop Interactive” w/ W ancr; good; 1/23. (D'Angelo/FCDX-PA)
- 3995.4 **INDONESIA RRI** Kendari 1550-1559* Pleasant Indo mx; s/off at 1559; fair; 1/23. (Delmage-AB)
- 4005 **VATICAN CITY STATE Vatican Radio** Sta. Maria de Galeria 0627 Reduced-carrier SSB; in EE w/ ments. Vatican Radio; 0629 “Laudetur Jesus Christus” & bells; this is the small 10 kW txmitter within the City/State itself; first time recently that I have heard VR; poor; 1/13. (Hauser-OK) 2214-2247 Italian prg w/ nx; talks; ID followed by Georgian Chants & instrumental mx; poor but in the clear until blown away by ARO at 2247; 1/24. (D'Angelo/FCDX-PA)
- 4049.9 **KYRGYZSTAN R. Rossii** Biskek 0011 (P); M ancr delivering cments; possibly nx; 2/6. (Strawman-IA)[nice catch-ed.]
- 4052.5 **GUATEMALA R. Verdad** Chiquimula 0555-0606* ID & W ancr in EE; M & W ancments on the hour in what may have been SS; NA at 0602; txmission ended at 0606; poor w/ fading; improving during anthem; 1/11. (Evans-TN) Checking just before s/off; it's usually detectable but too weak for easy copy & now at 0558 the intonation seems like JJ: certainly possible as they do

- have IDs in various langs for benefit of DXers; 1/14. (Hauser-OK) 1220 S9+12 w/ mx; but rather distorted & carrier unstable w/ BFO on; 1/19. (Hauser-OK) 0435-0510 Caught end of relg talk by M in EE; series of relg vcl selections by M; 0503 a man spoke briefly before more relg vcls; p-f in noisy conditions; 1/23. (D'Angelo-PA) 0240-0312 Prg of continuous instrumental mx including a belated Xmas song iLet It Snow; M anc in SS w/ ID & ancments at 0255; fair; 1/24. (D'Angelo/FCDX-PA) 0245-0310 Xmas mx; ID at 0255; back to mx; pipe organ at 0259; talk at 0300 w/out ID & back to mx; S5 lvl; 1/24. (Montgomery/FCDX-PA) 0604-0608 Children's choir; in the clear w/ 30dB sig; exc.; 1/25. (Parker-PA)
- 4319U **DIEGO GARCIA AFN** 2258-2303 M anc w/ EE talk; NPR nx at 2300; weak but readable w/ little fading; 1/17. (Evans-TN)
- 4409.8 **BOLIVIA R. Eco** Reyes 2330-0030 Each lcl Florida evening; f-g; 1/20. (Wilkner-FL) 2330-2350 Noted here w/ good sig; same time noted Bolivians on 4700-R. San Miguel; 4716.19-R. Yura & 4795.87-R. Lipez; 2/3. (Wilkner-FL)
- 4451.13 **BOLIVIA R. Santa Ana** Santa Ana de Yacuma 2330-0110 Chorale mx; ID as Radio Santa Ana; string of vcls; M anc; on late; 2/3 & 4. (Wilkner-FL) 4451.2 0100* Noted this week s/off as late as 0100*; 1/20. (Wilkner-FL)
- 4699.9 **BOLIVIA R. San Miguel** Riberalta 0015 Threshold sig; too weak for details; 2/6. (Strawman-IA) 4700 1044 (T); M & W anc in SS; ads; canned ancments at 1100 but didn't catch an ID; barely audible at 1126 re-check; poor; 1/14. (Sellers-BC) 1033-1101 M anc w/ SS relg talk; ID & ad string; p-f; 1/19 & 26. (Wlodarski-NJ) 1034-1054 M anc in SS w/ ID & TC along the way; p-f; 1/24. (D'Angelo/FCDX-PA)
- 4716.5 **BOLIVIA R. Yura** Yura 0253-0300 In the clear in LSB w/ traces of M anc; good carrier; QRM from outband USB hams; poor; 1/3. (Parker-PA) 4716.7 1028-1035 Lcl SS mx; M anc w/ ID at 1030; more mx; p-f; 1/26. (Wlodarski-NJ) 1018-1025 W anc w/ relg talk; lcl mx at 1023; fair sig at first followed by big fade at 1025 to just above noise lvl; 2/4. (Wlodarski-NJ) 4717 1046 (P); Andean mx; v. poor; 1/14. (Sellers-BC)
- 4746.9 **PERU R. Huanta 2000** Huanta 1051 (T); SS songs during several checks; fair; 1/14. (Sellers-BC) 1104-1113 M & W anc in SS; ID & TC followed by OA vcls; poor; 1/24. (D'Angelo/FCDX-PA) 1109 (P); W anc w/ talk; just above noise floor; 1/24. (Montgomery/FCDX-PA) 4746.96 0020 Threshold sig; too weak for details; nice to see improving condx; 2/6. (Strawman-IA) 4747 1019-1100 M anc w/ SS relg talk; f-g; 1/20 & 2/2. (Wlodarski-NJ)
- 4750 **BANGLADESH Bangladesh Betar** Shavar 1130-1205 SC mx; time pips; 1200 (P) nx; interference by espanol dos hombres ute from 1155; 1/14. (Wilkner-FL) 1156-1215 SC mx; 1159 W anc in listed Bengali w/ ID; pips at 1200 & clear ID "Bangladesh Betar" followed by nx; good; 1/20. (Wlodarski-NJ) 1144-1218 Lcl vcls hosted by M anc w/ talks in listed Bengali; tone at 1200 followed by W anc w/ ID & nx; more vcls; p-f w/ QRM from (P) RRI Makassar w/ SCI at 1159; 1/25. (D'Angelo/FCDX-PA) 1152-1206 W w/ vcl tune; 1158 W anc w/ talk & (T) at 1200; 1201 SCI under W anc via co-ch. RRI Makassar; 1/25. (Montgomery/FCDX-PA) 1153-1210 SC mx; pips & ID at 1200 followed by nx; good; 1/31. (Wlodarski-NJ)
- 4750 **INDONESIA RRI** Makassar 1158-1203 Poking through Bangladesh w/ familiar SCI followed by Jakarta nx; v. poor w/ Bangladesh dominating ch.; 1/25. (D'Angelo/FCDX-PA) 1344 (P); Some mx audible; as this was slightly low in freq as rpted elsewhere; w/ BFO on it seems the carrier is slightly unstable too; 2/4. (Hauser-OK)
- 4754.88 **BRAZIL R. Imaculada** Conceicao Campo Grande 2325-0203 Ancr w/ talk; hymn like song; ancment; mx bridge; M anc & 0209 theme-like mx; anc continued; fair; 1/28 & 29. (Taylor-WI)
- 4755.4rf **MICRONESIA V6MP The Cross** Pohnpei 1218-1230 Relg mx; M anc in EE w/ relg talk at 1224; fair; 2/4. (Wlodarski-NJ) 0747 T/in to S9+15 sig w/ mx; 0753 ancment but too weak to copy; 0755 gospel rock; 0759 seems like ID in EE but still too weak & fading; I have no doubt I was hearing this stn; reactivated after 3.3 years; but hope for a better catch w/ more definite details; awake again at 1205 & the carrier is still there; also at 1228 but that's all; 2/5. (Hauser-OK) 4755.44 1313-1502 Non-stop contemporary Christian songs in EE; IDs; lcl TC; freqs, both FM & SW, & often given by young girls, Angel, Tanya, etc.; IDs given near ToH & BoH but seems their clock is off by 1-2 minutes. < <http://www.mediafire.com/?yg19uuo5nh92op> > contains audio of various IDs heard today; the best is the last one; 2/3 & 5. (Howard-CA) 1320 Fair at t/ in but declined to poor after 1325; prgrmg featured mx ballads; separated by a few (P) ancments; too weak to follow announcements; 2/3. (Strawman-IA) 4755.45 0710-0736 Apparent syndicated relg prg w/ M anc; request for donations at 0720 along w/ an unintelligible URL; joined by W at 0721 w/ info re their ministry & request for funds; contemporary relg vcl mx 0724 to 0736 t/out; weak w/ fading & increasing lcl noise made prg details difficult; heard on my PNG/S. Pacific oriented wire; at the same time also heard weak audio on SIBC 5019.9 carrier; 2/2. (Evans-TN)

- 4770nf **ERITREA V. of the Broad Masses** Asmara 0415 (P) Talk in lcl lang; HoA mx occ. rising above the noise floor; v. poor; 2/3. (Coady-ONT)[nice catch-ed.]
- 4775 **PERU R. Tarma** Tarma 1103-1115 M anc in SS w/ ID at 1104 followed by siren wail & cmntary; fair; 1/18. (Wlodarski-NJ) 2310-0003 Mostly EE mx tunes; W anc w/ SS cments at 2343; long awaited ID at 0003 by M anc; nice recep w/ some fades at S5 lvl; 1/24. (Montgomery/FCDX-PA) 2314-2333 W anc hosting prg of EE pop mx; several IDs & SS talks; fair; 1/24. (D'Angelo/FCDX-PA)
- 4775 **SWAZILAND TWR** Manzini 0411-0437 Choir vcls followed by M anc preaching in GG; fair; 1/21. (D'Angelo-PA) 0343-0406 M preaching in African lang w/ group vcls & soft instrumental mx prior to carrier cut; resumed w/ GG prg at 0400; f-g; 2/5. (D'Angelo-PA)
- 4780 **DJIBOUTI RTD** Atta 0342 HoA-like mx; W anc in (P) AA; weak & noisy; 1/11. (Coady-ONT) 0410-0416 Lively HoA mx w/ short ancments by M in AA; poor but readable w/ fading; 1/14. (Evans-TN) 2050 M & W anc w/ nx in FF; good; 1/17. (Wlodarski-NJ) *0258-0311 Open carrier followed by orchestra NA at 0259; M anc w/ ID & opening ancments at 0301 followed by vcls; poor; 1/21. (D'Angelo-PA) 0434-0451 Non-stop lcl mx; best heard in LSB to null strong rustle; moderate QSB w/ S9+20 of peak; static at times; good; 2/1. (Serra-Italy)
- 4789.9 **PERU R. Vision** Chiclayo 0646 (P); Live church svc in SS; poor; slightly low; 1/13. (Taylor-WI) 0557-0603 Loudspeaker preacher; carrier lvl to 60dB & really stomping on CODAR; but audio almost non-existent; 1/25. (Parker-PA) 0455-0500 Relg talk by M in SS w/ relg mx in the background; mx only at 0457; preacher w/ echo or large auditorium effect at 0500; good w/ fading; 1/13. (Evans-TN) 4789.91 1100 Noted here; distorted sig & FMing; 2/2. (Wilkner-FL)
- 4796 **BOLIVIA R. Lipez** Uyuni 1012-1025 Lcl type SS mx w/ occ. talk over by M anc; fair; 1/18. (Wlodarski-NJ) 4796.2 1015-1035 Ballad type mx; M anc; ID at 1025 followed by ad string; fair; 1/27. (Wlodarski-NJ)
- 4800 **CHINA CNR-J** Geemu 2223-2234 M & W anc in CC; promos & ancments over mx; anthem & ID "Zhong-guo guoji guangbo diantai" (P) nx w/ remote rpts; best heard in LSB to null uates; fast QSB & moderate static; fair; 1/21. (Serra-Italy) 2350 M & W anc exchanging comments; p-f; 2/5. (Strawman-IA)
- 4805 **BRAZIL R. Difusora do Amazonas** Manaus 1015-1020 M anc in PP w/ ads & lcl ancments; fair; 1/19. (Wlodarski-NJ)
- 4815 **BRAZIL R. Difusora** Londrina 1026-1030 Lcl type mx prg; M anc in PP at 1027 w/ ads; good; 1/21. (Wlodarski-NJ) 0034-0107 W anc w/ short PP talks hosting prg of inspirational vcls; ID at 0100 followed by M w/ relg talk; p-f w/ heavy CODAR; 1/24. (D'Angelo/FCDX-PA) 2345 W anc w/ long talk; ruined by CODAR; p-f; 1/29. (Strawman-IA)
- 4814.9 **ECUADOR R. El Buen Pastor** Saraguro 1104-1130 (P); Mx heard under CODAR; difficult recep; 1/24. (Montgomery/FCDX-PA) 4814.95 1130-1135 "palabras de Dios...Senor J. Cristo."; good; 2/3. (Wilkner-FL) 4815 1109-1132 M anc talking in Quechua w/ rustic vcls; ID & TC at 1118 followed by more mx; fair w/ CODAR slowly getting stronger; 1/24. (D'Angelo/FCDX-PA) 1131-1135 Classical mx; fair; 2/1. (Wlodarski-NJ)
- 4820 **TIBET Xizang PBS** Lhasa 1552 Soft CC mx & M anc; fair; 1/26. (Sellers-BC)
- 4824 **PERU LV de la Selva** Iquitos 1055-1100 M anc w/ SS relg talk over mx; good; 1/10. (Wlodarski-NJ) 4824.4 1108-1115 M anc w/ long SS talk under CODAR; 1/25. (Montgomery/FCDX-PA) 4824.5 1128 (T); Fast-paced SS ancments; W on the telephone; fair w/ CODAR; 1/14. (Sellers-BC) 1120-1125 M anc w/ SS relg talk; fair; 1/17. (Wlodarski-NJ)
- 4840 **INDIA AIR Mumbai** 1548 Lcl mx; poor; 1/23. (Delmage-AB) 1548 Hindi mx & talk; poor; (T) AIR regionals heard on 4800; 4810 & 4835; 1/28. (Sellers-BC)
- 4865 **BRAZIL R. Alvorada** Londrina 1040-1100 Ballad type PP mx; W anc w/ ID at 1100; good; 1/19. (Wlodarski-NJ)
- 4885 **BRAZIL R. Clube do Para** Belem 0249-0253 M anc in PP; upbeat mx; colliding w/ (P) R. Difusora Acreana but dominant; 50dB sig; f-g; 1/3. (Parker-PA) 0406 (P); Swinging Brazilian mx w/ M anc; fair; 1/12. (Taylor-WI) 2240-2244 M & W anc w/ lcl nx items; good; 1/13. (Wlodarski-NJ) 0039-0101 M anc w/ call-in prg; talks re futbol & ment. do Para, Brasil; best heard in USB w/ NIR12; lite utes; fast QSB & moderate statis; fair; 1/19. (Serra-Italy) 0658 PP song; 0659 numerous IDs, freqs & ToH ancments; fair; 1/20. (Sellers-BC) 1010-1015 M anc w/ morning prg; lcl ancments; wx; etc.; good; 1/24. (Wlodarski-NJ) 0552-0555 Reggae mx; M anc in PP w/ reverb; big 70dB sig; exc.; 1/25. (Parker-PA) 0434 M & W anc in PP w/ (P) nx; ments of iBrasilí & iBelemí then echo chamber promos & ID of iRadio Clubei w/ crowd noises at 0447; ment. of iParai at 0449; fair; 1/27. (Coady-ONT)
- 4899.91 **GUINEA Familia FM** Conakry 2330-2345 Afropops; FF cments; good; 2/3. (Wilkner-FL)[nice catch-ed.]
- 4905 **TIBET Xizang PBS** Lhasa 2240-2252 M & W anc in EE reading nx w/ final "...and that's the news"; 2242 CC pop song; ancments in EE ment. Tibet; talk until 2250; CC song; best heard in SSB w/ fast QSB & strong static; f-p; //4920; 1/21. (Serra-Italy) 1541 W anc in EE & CC mx; poor; //4920-poor under AIR; //5240-poor w CODAR; //6110-weak; at 1600 into CC prgring; 1/26. (Sellers-BC)

- 4910 **INDIA AIR Jaipur** 1540 (T); Same EE nx as 4920 & 5040; v. poor; 1/26. (Sellers-BC)
- 4915 **BRAZIL R. Difusora** Macapa 0915 Mx prg; ID; [date?-ed.]. (Field-MI)
- 4920 **INDIA AIR Chennai** 1335 (P); Several Indo-Chinese carriers on 60m & by that I do not mean "Indochina"; only one w/ some significant audio is 4920; S. Asian mx; so more likely Chennai than Lhasa; 1/15. (Hauser-OK) 1215-1230 SC mx; M ancw w/ ID & nx at 1230; good; 1/18. (Wlodarski-NJ) 1530 "News at Nine" in EE; vg; 1/23. (Delmage-AB) 1538 Nx in EE; 1539 ID; //5040-Jeyapore; good; 1/26. (Sellers-BC)
- 4920 **TIBET Xizang PBS** Lhasa 2203-2223 CC pop song; W ancw in vern. over Lennon's "Imagine" mx w/ ment. Lhasa; various ancments over & between mx; lcl version of Imagination's "Just an illusion"; best in LSB to null ute; moderate static; fair; poor at 2237-2240 recheck w/ M & W ancw in EE w/ nx; //4905-fair; 1/21. (Serra-Italy)
- 4925.2 **BRAZIL R. Educação Rural** Tefe 0103-0110 M vcl w/ guitar accompaniment; strong & steady 50dB sig punching thru CODAR but audio was pretty much washed out; p-f; 1/18. (Parker-PA) 1035-1045 M ancw in PP w/ ID at 1040; W ancw w/ lcl ancments; good; 2/2. (Wlodarski-NJ)
- 4930 **BOTSWANA VOA** Moeping Hill VOA prgrm in EE; vg; 1/23. (Delmage-AB) 0321 iDaybreak Africai w/ interview of M re elections in Niger; fair; //9855; 2/2. (Coady-ONT)
- 4935 **BRAZIL R. Capixaba** Vitoria 0219 Preacher in the midst of an intense session w/ his flock; 1/24. (Montgomery/FCDX-PA) 2340 (P); M & W exchanging cments; poor; another one spoiled by CODAR; 1/29. (Strawman-IA) 4935.2 0517-0520 M ancw in PP; 25dB sig; fair; 1/2. (Parker-PA) 0056-0103 Campo-style PP mx; two W vcls & guitar; M ancw w/ ID & jingle at ToH; sig to 60dB & slightly troubled by strong CODAR; g-exc.; 1/18. (Parker-PA)
- 4955 **PERU R. Cultura Amauta** Huanta 1058-1105 Male ancw w/ lcl ancments; ID at 1100 followed by lcl mx; big sig; 1/10. (Wlodarski-NJ) 1057 (T); Mx medley including a bit of iEl Condor Pasaï mx; W w/ SS ancments over Andean mx; TC; ToH greetings; 1110 M ancw ending at 1115; ment. of iBibicoï; poor; 1/14. (Sellers-BC) 1052-1115 Lcl type mx; W ancw w/ ID at 1053; more mx; f-g; 1/20 & 25. (Wlodarski-NJ) 1116-1124 (P); Kids vcls after M ancw w/ long talk; rancho tune; S2 lvl but nice copy; 1/25. (Montgomery/FCDX-PA) 1100-1115 Lcl mx then M ancw w/ ancments & relg talk at 1010; good; 2/4. (Wlodarski-NJ) 2324-0200* OA vcls w/ W ancw giving ID & introducing M ancw w/ long SS talk w/ several ments. of Per; org consisted of mix of talk & OA mx; stayed w/ it until plug was pulled ending b/cast; p-f; 2/5. (D'Angelo-PA)
- 4960 **SÃO TOME VOA** Pinheira 0453-0504 M ancw in EE w/ VOA nx features on trade & economy; ID at 0458 & close of prg followed by promos for Jazz America prg; ID by M ancw at 0500 & lang change: iThis is the Voice of America. The following program is in Hausa.i; W ancw w/ ID in Hausa followed by nx; p-f; 1/12. (D'Angelo-PA) 0446-0450 Interview w/ Washington politico; 50dB sig but audio a bit washed out; fair; 1/5. (Parker-PA) 0547-0549 Talk in FF; 60dB sig; exc.; 1/25. (Parker-PA) 0529 Tail end of b/cast in Hausa; EE Id followed by nx in FF; f-p; 2/1. (Bueneman-MO)
- 4965 **ZAMBIA CVC** Lusaka 0241-0248 Christian rock mx in EE; W ancw w/ ID & phone number; 50dB sig w/ a bit of QSB; dynamite audio; g-exc.; 1/3. (Parker-PA) 0145 Mx prg; no ID noted but reference to Christ at 0200; strong sig; when I first heard this stn years back it was weak; 1/5. (Field-MI) 2142-2155 Modern relg mx; good; 1/10 & 12. (Wlodarski-NJ) 0253 Contemporary relg mx; ID & relg talk in EE; f-p; 1/16. (Bueneman-MO) 0045-0051 M & W ancw in PP w/ Brazilian pop vcls; closed prg at 2356 w/ Frank Sinatra's iMy Way"; poor; 1/24. (D'Angelo/FCDX-PA)
- 4970 **INDIA AIR** Shillong 1436-1512 DJ in EE playing pop songs, Britney Spears, etc. & reading requests w/ one from Nagaland; 1446 nx headlines & back to requests; made an ancment that Shillong felt a quake measuring 6.4 ithis evening; 1512 suddenly switched over to the audio feed from Delhi; many lcl IDs; almost fair even w/ their never-ending persistent hum; 2/4. (Howard-CA)
- 4974.8 **PERU R. del Pacifico** Lima 0235-0240 Faint mx; good carrier heard in SSB; poor; 1/3. (Parker-PA) 0039-0043 M & W ancw; mx bridge; v. weak & poor; 1/18. (Parker-PA)
- 4975 **BRAZIL R. Mundial** Osasco 2337-0001 M & W ancw in PP w/ Brazilian pop vcls; closed prg at 2356 w/ Frank Sinatra's iMy Way"; poor; 1/24. (D'Angelo/FCDX-PA)
- 4976 **UGANDA UBC** Kampala 0442-0446 Aboriginal mx; poor; 1/5. (Parker-PA) 0405 Nx in EE; ment. of Uganda; f-p w/ ALE QRM; 1/16. (Bueneman-MO)[ALE=Automatic Link Establishment-ed.] 0426-0440 Pop mx; M ancw at 0427 occ. joined by W; (P) Sunday relg prg; v. weak w/ fading; definitely EE but poor sig; noise & somewhat muffled audio made content difficult to understand; 1/23 & 25. (Evans-TN) 2037-2109 Lively selection of group vcls hosted by M ancw in EE;

- plug pulled mid-sentence ending b/cast; fair; 1/23. (D'Angelo/FCDX-PA) 0458-0505 Fast song & M ancw w/ low & muffled audio; (P) nx; best heard in SSB w/ moderate het; fast QSB & static; poor; 2/1. (Serra-Italy) 2120-2130 C & W mx in EE; fair; 2/1. (Wlodarski-NJ)
- 4985 **BRAZIL R. Brazil Central** Goiania 0412-0415 PP pops; 40-50dB sig w/ QSB; f-g; 1/2. (Parker-PA) 00350038 Excited M ancw in PP; sig to 60dB; audio challenged by QSB & static; good; 1/18. (Parker-PA) 0226; M ancw w/ long PP talk; jingle & ID at 0230 into lcl pop tune; 1/24. (Montgomery/FCDX-PA) 0452 M ancw in PP w/ ad/promo string; ment. of iBrasil into ballad at 0453; fair; //11815; 1/27. (Coady-ONT) 0222 PP talk at length; poor; 1/28. (Taylor-WI) 0320-0335 Slow song; M ancw at times; best heard in LSB w/ & w/out NIR12 to null strong RTTY; strong static & fast QSB; v. poor; 1/30. (Serra-Italy) 0102 W w/ pop vcl followed by M ancw in PP; 0012 M ancw w/ banter; 1/31. (Field & Cones/FCDX-PA)
- 4986.4 **PERU R. Manantial** Huanta 1125-1135 (P); M ancw in SS w/ long talk; weak but audible; 1/25. (Montgomery/FCDX-PA) 4986.5 1116-1120 SS relg talk followed by lcl mx at 1117; poor; 1/17. (Wlodarski-NJ) 4986.83 1120 Noted here w/ musica; 1/31. (Wilkner-FL) 2330-0020 "...con junto en Santo Domingo"; exc. mx; ments. to Bolivia; 0000 ID "Radio Manantial, Huancayo...kilo... banda..."; 2/3 & 4. (Wilkner-FL)
- 4990 **SURINAME R. Apintie** Paramaribo 0636-0640 Pop oldies; Bobby Vinton "Roses are Red"; 40-60dB sig w/ rapid QSB; good; 1/2. (Parker-PA) 0346-0413 Pop tunes w/ Platters iGreat Pretenderi at 0352; ID by M ancw at 0359 before more mx; p-f before loud lcl noise covered stn at 0413; 1/6. (D'Angelo-PA) 1005-1030 M ancw w/ nx; wx & ads; listener mx requests; poor; 1/20 & 25. (Wlodarski-NJ)
- 5005 **EQ. GUINEA R. Nacional** Bata 2245 Lively mx to NA at 2256; vg; 1/22. (Delmage-AB) 0626-0634 M & W ancw in vern.; mx w/ W vcl; in the clear but weak; p-f; 1/26. (Parker-PA) 2226-2235 Afropops; fair w/ some ute QRM; 1/31. (Wlodarski-NJ)
- 5010 **INDIA AIR Thiruvananthapuram** 1732-1737 W ancw w/ nx in EE until 1735; brief ancmt in vern.; M ancw w/ talk in vern.; best heard in LSB to null ute; moderate static; fair; 1/22. (Serra-Italy) 1231-1245 Nx prg in EE; SC mx at 1236; poor; 1/31. (Wlodarski-NJ)
- 5010 **MADAGASCAR RTM Malagasy** Antananarivo 0620-0626 M ancw in vern. over guitar mx & W vcls; poking thru QRN w/ 40dB sig every now & then; p-f; 1/6. (Parker-PA) 0119-0137 M ancw w/ long talk in Hindi followed by another M just before BoH; 4+1 pips at 0130; W ancw w/ ID & Hindi mx; more talk from 0132; fair w/ some flutter; 1/9. (D'Angelo-PA)
- 5019.9 **SOLOMON ISLANDS SIBC** Honiara 1127-1205 Mx prg in EE; classical mx; fair even w/ Rebelde-5025 blasting away; 1/18 & 2/1. (Wlodarski-NJ)
- 5030 **MALAYSIA-SARAWAK RTM Sarawak FM** 1409 Noted w/ some mx; poor but starting to exceed fading Cuba-5025; I have not had much luck w/ the new peninsular txmitter on 9835; but check it for // as R. Howard has been rptng from California; it was not making it in previous hour; but at 1411 some vcl mx seems //5030 & now stronger than it; difficult to // during mx & am not positive; would be surprised if they are synchronized; 1/19. (Hauser-OK)
- 5039 **PERU R. Libertad** Junin 1102-1120 M ancw in SS w/ ID at 1112; ad string; nx; fair; 1/20 & 26. (Wlodarski-NJ) 5039.2 1108-1127 Prg of OA vcls w/ M ancw in SS; IDs, ads & TC; p-f; 2/5. (D'Angelo-PA) 5039.4 1110-1115 M ancw w/ SS relg talk; 1/10. (Wlodarski-NJ)
- 5040 **CUBA RHC** Havana 0230 ID; beautiful mx; seems to be different variety that I hear on Rebelde-5025; 12/31. (Field-MI) 0751 RHC continues to curtail its overnight b/casts; but as usual it's unclear whether this is a deliberate move or just random variation; none of the 6 MHz freqs are on; but 5040 is w/ a replay of "Revista Informativa de la Noche"; 2/3. (Hauser-OK)
- 5040 **INDIA AIR Jeyapore** 1537 M ancw in EE w/ nx; //4920; poor; 1/26. (Sellers-BC)
- 5044.97 **BRAZIL R. Cultura** Belem 0120-0143 LA ballad; W ancw w/ talk; ancmt & IDs at 0124 as "Radio Cultura"; cont. mx prg w/ Bobby McFerrin's "Don't worry be happy" & other songs; best heard in LSB w/ inter-audio filter to null het; fast QSB & moderate static; fair; 1/23. (Serra-Italy) 5045 0651 (P); Pleasant vcl accompanied by marimba; good; 1/13. (Taylor-WI) 0942 S3 lvl w/ continuous mx; 0954 Beatles tune; (T) ID at 1001; long talks at 1002 w/ (P) ID at 1010; advert at 1011; stn promo at 1012; lots of splater via Cuba-5040; 1/13. (Montgomery-PA) 1013-1020 M ancw in PP w/ ads; ID at 1014 followed by lcl nx items; good; 1/26. (Wlodarski-NJ) 2206 (P); Mx prg; 1/24. (Montgomery/FCDX-PA)
- 5050 **USA WWRB** Morrison 0005 Reading in part from the Bible in England; exc.; [date?-ed].(Field-MI)
- 5054.85 **BRAZIL R. Difusora** Caceres 0550-0610 Romantic PP mx; jingle & ID at ToH; brief ancmt w/ fast talking M w/ reverb; RHC tune "Under the Bridge at 0607; 50dB sig; clear in synchro LSB & really booming in at times; 1/6. (Parker-PA)
- 5059.98 **CHINA Xinjiang PBS** Urumqi 0157-0204 M & W ancw w/ CC talk; pips at ToH over talk; brief ancmt wx mx; W & M banter; best in USB w/ moderate QSB & lite static; fair; 1/23. (Serra-Italy)
- 5109.75 **USA WBCQ** Monticello 0044-0101 Noted a bit off freq w/ fairly good sig of S9; lots of dead air & a rant of six "F bombs" at 0047; ID at 0101; 1/17. (Montgomery-PA)

- 5120 **PERU Ondas del Suroriente** Quillabamba 1037-1050 M ancw/ SS relg talk; lcl mx at 1039; fair; 1/26. (Wlodarski-NJ) 5120.4 *1030-1040 S/onw/ SS ID; mx & ancments; fair; 1/20. (Wlodarski-NJ)
- 5240 **TIBET Xizang PBS** Lhasa 2130 (P); M ancw/ talks; S2 lvl; weak but audible at times; 1/23. (Montgomery/FCDX-PA)
- 5446.5U **USA AFN** Key West 0311 EE prg re safe driving; poor; 1/25. (Taylor- WI) 1139-1200 NPR ID; talk re fishing for strippers & how the numbers have dropped off; 1/25. (Montgomery/FCDX-PA) 5447U 0045 Sports talk ment. USC; 1/12. (Hertz-FL)
- 5755 **USA WTWW** Lebanon, 0543-0545 EE w/ Pastor Pete Peters; 100dB sig; exc.; 1/6. (Parker-PA) 0104 Song by "Damascus Road"; 1/10. (Hertz-FL) 0641 Dead air; but 0642 cut-on w/ Pete Peters in progress; 1/18. (Hauser-OK)
- 5765U **GUAM AFN** Barrigada 1407 Country mx barely detectable vs my cable DTV converter bubble-jammer; so AFN still not back to nx/talk format; you never know from one day to the next; 1/14. (Hauser-OK) 1335 Talk detectable under my local DTV cable converter jammer; AFN had apparently been missing for a day or two; 1/23. (Hauser-OK) 1339 Talk segment; PSAs & promos for <http://www.letsmove.gov>; 1341 AFN promo for some stupid football game on 2/6; historical capsule; 1343 ID as "Mainstream Country from AFN"; back to mx at last; fair; 1/27. (Hauser-OK) 1353 NPR Marketplace a few seconds ahead of // KOSU 91.7 which imposes its own digital delay to match its IBOC duplicate which no one listens to; fair; clear sig today; no QRM external or internal; 2/2. (Hauser-OK)
- 5780 **TAJIKISTAN RFA** Dushanbe 1529 W ancw in listed Tibetan interviewing M; no jamming; fair; 1/26. (Sellers-BC)
- 5790 **UNITED KINGDOM BBC** Rampisham 0527-0531 M ancw in RR w/ disco mx; 60dB sig; exc.; 1/6. (Parker-PA) 0404-0407 AA talk; 40dB sig; exc.; 1/26. (Parker-PA)
- 5825 **TAJIKISTAN WYFR** Dushanbe 1415 M ancw preaching in listed Nepali; fair; 1/26. (Sellers-BC)
- 5835 **KAZAKHSTAN WYFR** Almaty 1402 Harold Camping w/ "Open Forum"; poor; 1/26. (Sellers-BC) 1337 Non-Camping preacher in EE; obsessed w/ wicked people, sin; but God to rescue 200 million non-wicked on day of judgment; HFCC shows YFR via Almaty; poor; 1/27. (Hauser-OK)
- 5850 **SRI LANKA R. Farda** Irana Wila 2200 M ancw in Farsi w/ iRadio Fardai ID & lively lcl mx; M w/ another ID at 2205 into W vcl ballad; good; 1/17. (Coady-ONT)
- 5855 **N. MARIANAS ISLANDS RFA** Tinian 1418 M ancw in listed Vietnamese taking a phone call; fair; 1/26. (Sellers-BC)
- 5860 **N. MARIANAS ISLANDS RFA** Tinian 1527 R. Free Asia in KK; 15-19, 250 kW, 333 degrees; holding up almost 2 hours after sunrise here; poor w/ flutter; 1/27. (Hauser-OK)
- 5865 **FRANCE R. Algerienne** Issoudun 0410-0412 Kor'an chants; huge 80dB sig; exc.; 1/6. (Parker-PA) *0359-0422 Opened w/ end of M vcls; 5+1 pips at 0400 followed marching band mx (NA?); M ancw in AA at 0401 w/ ID followed by brief prayer; M ancw w/ nx; 0406 recitations from Qur'an; fair; 1/23. (D'Angelo-PA)
- 5875 **CYPRUS BBC** Limassol 1415 BBC vs BBC again audible at about equally weak lvls; AA via Cyprus longpath & EE via Thailand shortpath; 1/15.
- 5875 **THAILAND BBC** Nakhon Sawan 1419 M & W ancws w/ EE rpts & interviews; poor; 1/26. (Sellers-BC)
- 5875 **UNITED KINGDOM BBC** Rampisham 0618-0623 In EE w/ "On Assignment" re workers at Baghdad airport; huge 80dB sig & outstanding audio; 1/22. (Parker-PA)
- 5885 **KUWAIT RFE/RL** Sulaiyiyah 0411-0415 M & W ancws in listed Avar; 60-70dB sig; exc.; 1/26. (Parker-PA)
- 5890 **IRAN VOIRI** Sirjan 1533 Call to Prayer; M ancw in Urdu; poor; 1/26. (Sellers-BC)
- 5890 **USA WWCR** Nashville 0415 Bro. Stair prg; letter I have from him ments. this time & freq as well as 9880; not 3145 where recep was also exc.; 1/19. (Field-MI) 0618 Brother Scare missing on huge carrier; but some low audio from DGS //5935; as far as I can tell; 5890 is axually txmitting such audio; nor merely caused by receiver overload, as it remains with attenuation, detuning; 1/23. (Hauser-OK)
- 5900 **BULGARIA R. Bulgaria** Sofia *0400-0404 IS; RR talk; 60dB sig w/ distinct multi-path echo; good; 1/6. (Parker-PA)

International Band Loggings

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

- 910 **COLOMBIA Marfil Estereo** via Purerto Lleres in SP 9905, musical program, ID 0910, weak signal but slowly improved (Field MI 12/2)
- 910 **COLOMBIA HJDH** Radio Alcaravan relay in SP 0639, romantic music in SP, "llanera" folk music with harp akin to Venezuelan style, ID as 1530 AM Alcaravan Radio", more music (no more peppy music Marfil Estereo played all night. Switched to relaying the AM 1530 outlet of Colombia para Cristo, Radio Alcaravan) fair signal w/deep fades (Hauser OK 1/28)
- 915 **MONACO Trans World Radio** relay in Polish 0646, OM w/talk and musical bridges, contemporary religious music, moderate signal w/some fading (Evans TN 1/28)
- 970 **SPAIN REE** Noblejas in EG *0000, IS, time pips, ID, news w/mention of Secretary Hillary Clinton, good (McGuire MD 1/12) in EG 0005, feature "This, That, and the Other", judge indicted in civil war massacres, very good (Fraser ME 1/21)
- 025 **DOMINICAN REPUBLIC Radio Amanecer** Santo Domingo in SP 2338, slow religious vocal music, occasional short announcements, f-g (Evans TN 1/23) in SP 0220-0302*, soft instrumental music, ID and announcements 0245, religious vocal, p-f on peaks (D'Angelo PA 2/6) in SP 0318, song with dramatic reading, brief talk, choir w/mellow song, fair (Taylor WI 1/25) in SP 1040, YL announcer w/religious talk, ID at 1148 followed by devotional music, fair (Wlodarski NJ 1/27)
- 080 **AUSTRALIA Radio Australia/ABC Local Radio** in EG 1330, end of cyclone preparedness discussion "Keep tuned to ABC Local Radio for updates", interview w/OM re cyclone, f, //6020 (Taylor WI 2/5)
- 130 **LAOS Lao National Radio** Vientiane in Laotian 1152-1214 f/o, YL hosting program of traditional music, familiar seven gongs at 1200, news, poor w/fluttery signal (D'Angelo/FCDX-PA 1/24) in Laotian/EG 1416, news and introduction in Laotian for "Functioning in Business", mentioned "VOA" who produced program in EG, poor at times with heavy adjacent QRM (Howard CA 2/7)
- 1348v **BOLIVIA R Santa Cruz** in SP 1040, OM w/local announcements and music, ID, ad (Wlodarski 1/25)
- 155 **BELARUS R Belarus** Minsk in EG 2128, ID, talks about the economy, interesting fast talker and somewhat humorous, enjoyable program w/many IDs, S-8 level (Montgomery PA 1/24)
- 165 **CHAD RNT** N'djamena in FR 0443-0510, pop and Afropops, talk re election, interview, ID, fair to almost good with light QRM splatter (Serra ITALY 2/4) in FR *0427, s/on with Balafon IS and NA, announcements at 0430 and into Afro-pop music, poor w/co-channel QRM (Alexander PA 2/13)
- 165 **ZAMBIA ZNBC Radio 2** Lusaka in EG 22140-2202*, music program hosted by OM announcer mixing with co-channel Chad, ID 2200, NA, poor to fair (D'Angelo/FCDX-PA 1/23) in EG 0427, African Hi-Life music, canned IDs "Only on Radio 2, the natural choice where royal treatment is a way of life", agricultural program about a project in Bangladesh to produce both fresh and salt water shrimp, signal much better than co-channel Chad (Howard CA 1/28)
- 225 **SOUTH AFRICA RTE Dublin Radio** relay via Meyerton in EG 2021-2031*, close of feature program followed by instrumental music, World Radio Network ID at 2028, news headlines followed by UN Radio program before carrier was terminated, poor to fair (D'Angelo/FCDX-PA 1/24)
- 250 **EQUATORIAL GUINEA R Nacional** via Malabo in SP 0547-0609, talk by OM and two minute segments of Hi-life music, IDs and rooster crow, f-g w/some utility QRM (Evans TN 1/31)
- 240 **ARMENIA Family Radio** relay in EG 2042-2059*, Harold Camping w/discussion of Bible scriptures, ID and contact info, music fanfare, theme music, poor to fair at peaks (D'Angelo/FCDX-PA 1/23)
- 245 **MAURITANIA R Mauritanie** Nouakchott in AR 2218, OM with long talks with mentions of "United States", "Iraq", "Lebanon", and "Arabie", good (Coady ONT 1/26)
- 250 **IRAN IRIB Voice of Justice** in EG 0208, comment on US war in Afghanistan, ID, program on Iranian cultural history, poor to fair (Sellers BC 2/8)
- 300 **BULGARIA R Bulgaria** in BG *2200, IS, ID, frequency, schedule, news, QRM (McGuire MD 1/11)
- 445 **ASCENSION ISLAND BBC** relay in EG 0352, YL with ID "You are listening to BBC Network Africa", interview of YL/OM about the Organization of African Unity and how it is handling the Ivory Coast and Egyptian crises, very good (Coady ONT 2/1)
- 330 **USA WBCQ** Monticello, ME in EG 2130, program based on book of Titusen Bible, subject of the day was "The Place of Women is in the Home" and they shouldn't be going to school (Field MI 1/19)
- 335 **NORTH KOREA Voice of Korea** Kujang in EG *1300-1326, ID, orchestra NA, news featuring some of the "Great Leader" activities, fair to good (D'Angelo/FCDX-PA 1/24)
- 435 **PHILIPPINES FEBC** Manila in IN 2225, IS, ID, opening announcements and into OM with brief inspirational talk and another OM preaching in EG with simultaneous translation, g (Coady ONT 1/25)
- 460 **AUSTRIA Polskie Radio** relay via Moosbrunn in EG 1315-1359*, news and programming primarily about Poland, fair-good (Handler IL 2/3)

- 9470 **INDIA AIR National Channel** via Aligarh in HD 1318, string and woodwind instrumental music, brief chanting and YL w/summary of frequencies, sitar music, talk by YL, news, good (Coady ONT 1/27) in HD, vocal and instrumental music, poor to fair (Strawman IA 2/12)
- 9500 **UZBEKISTAN CVC Voice of Asia** relay via Tashkent in HD 1109-1130, news, short talks, Indian music, very nice audio (Montgomery PA 1/24) in HD 1218-1240, HD music, several IDs in various languages including EG with contact info, news 1230, more music, f-g (D'Angelo/FCDX-PA 1/24)
- 9505 **ZAMBIA CVC One Africa** relay in EG 2115, pop music program, numerous IDs with internet address, good signal (Wlodarski NJ 2/9)
- 9525 **SWAZILAND Trans World Radio** relay via Manzini in FR 1943-1959*, long talk, ID, and close-down announcements, IS prior to carrier terminated, f-g (D'Angelo/FCDX-PA 1/24)
- 9525 **INDONESIA Voice of Indonesia** Jakarta in EG 1322-1402, YL hosting program of Indonesian music with several nice IDs, fair signal (D'Angelo/FCDX-PA 1/24)
- 9565v **BRAZIL Super Radio Deus e Amor** via Curitiba in PT 0227-0306, excited religious sermon, song, ID, YL crying, brief announcement 0250, OMs with sing-song sermons to crowd, more IDs, frequency, internet website, best heard in LSB w/moderate QRM splats, f-p (Serra ITALY 1/23)
- 9575 **MOROCCO Radio Medi Un** via Nador in FR/AR 2237, 70's disco, brief talk, Motown music, another brief talk in AR and FR, into news in AR 2300, good (Coady ONT 1/25)
- 9580 **AUSTRALIA Radio Australia** in EG 1200-1230, cyclone coverage including live reports from listeners, excellent signal (Wlodarski NJ 2/2)
- 9590 **AUSTRALIA Radio Australia** in EG 1330, special ABC Queensland with Anne O'Keefe covering the flash flooding and taking calls from Brisbane residents, vg, //6020 and 9580 (Coady ONT 1/11) in EG 1438-1515, "Saturday Night Country" music program, talk after each song, ID, news, pop song, some OM chatting, almost fair reception, //9475 and 11660 (Serra ITALY 1/22)
- 9635 **MALIRTV du Mali** in FR/Vernacular *0759-0830, s/on with flute IS, opening announcements and ID, talk in Vernacular, rustic tribal music, weak w/low modulation but improving (Alexander PA 2/13)
- 96453v **BRAZIL Radio Bandeirantes** São Paulo in PT 0224, talk, ID, frequency 0228, several ads followed by another ID and 3+1 time pips at 0230 under the ad string, fair (D'Angelo/FCDX-PA 1/24)
- 9650 **UNITED ARAB EMIRATES Polish Radio** relay via Al Dhabbaya in EG *1800-1859*, YL w/opening announcements, ID and news, soft instrumental music, fair (D'Angelo PA 2/2) in EG 1846, feature on a Mr. Block, children's book author, good (Fraser ME 1/16)
- 9675v **BRAZIL R Canção Nova** via Cachoeira Paulista in PT 0317, talk by YL, slow song, ID 0321, religious pop song, YL talking over music, fair to almost good signal (Serra ITALY 1/23)
- 9690 **NIGERIA Voice of Nigeria** Ikorodu in EG 0903-0930, news, program about the history of the Nigerian slave market, fair to good but audio a little muffled (Alexander PA 2/13)
- 96958v **BRAZIL Radio Rio Mar** Manaus in PT 1041, ID, several ads, news of the Amazon region, time pips at 1100 followed by music, fair (D'Angelo/FCDX-PA 1/24)
- 9705v **NIGER La Voix du Sahel** Niamey in FR 2100-2300*, audible after Ethiopia s/off at 2100, variety of Euro-pop and Afro-pop music, Qur'an at 2255, short flute IS, NA, weak signal (Alexander PA 2/12)
- 9705 **ETHIOPIA Radio Ethiopia** Addis Ababa in Amharic 2036-2100*, local and jazz music until sign off with national anthem, fair signal (Wlodarski NJ 2/1) in Amharic 2032-2101*, program of Horn of Africa music hosted by OM with talks, ID and choral NA, fair to good (D'Angelo/FCDX-PA 1/24)
- 9720 **UZBEKISTAN Radio Japan** relay via Tashkent in Bengali *1259-1332, IS, ID, and opening talks by OM, YL with the news, fair to good (D'Angelo/FCDX-PA 1/25)
- 9720 **THAILAND Radio Thailand** Udon Thani in EG 1232-1259*, news, ID, PSA from his Majesty the King about moderation and economic progress, global news, Ministry of Tourism stressing hotels and Bangkok Airways, good signal w/Japan IS popping up towards the end (D'Angelo FCDX-PA 1/25)
- 9730 **NORTH KOREA Voice of Korea** Kujang in EG 0137, OM w/political talk mentioning "the red flag" several times, YL with ID, poor, //11735, 13760, 15180 (Sellers BC 1/25)
- 9835 **MALAYSIA RTM Sarawak FM** via Kajang in Malaysian 1141, short talks by YL hosting traditional music program, 2 quick almost jingle-like IDs b/w songs, fair (D'Angelo/FCDX-PA 1/25)
- 9870 **INDIA AIR** Bangalore in HD 1409, Vivdh Bharati service with Bollywood music, ads with a mention of "hundred percent performance every time", very good (Coady ONT 1/15)
- 9895 **ALBANIA Radio Tirana** in EG *2100, IS, ID, frequency, sked, political news, p (McGuire MD 1/15)
- 9960 **SOUTH AFRICA Radio Bar-kulan** relay via Meyerton in Somali 1558, VTC/Babcock music IS loop, ululations and jingle at 1600, 6-pip time signal, singing ID, another US-backed EDC effort meaning "Meeting Place", signal much stronger than WRMI Miami on 9955 (Hauser OK 2/10)
- 11570 **TAIWAN WYFR Family Radio** relay in Burmese 1332, long talk by OM, brief musical interlude and more talk, "Family Radio" ID with contact info, good (Coady ONT 1/14)
- 11655 **MADAGASCAR Radio Nederland** relay in EG 2000-2048, feature "Africa World Wide", talk about a food convention in Nairobi concerning eating fruits of Africa and not junk food, very interesting program, ID at 2030 (Montgomery/FCDX-PA 1/24)

- 11730 **PHILIPPINES *Radio Pilipinas*** in Tagalog/EG 1800-1900, nice pop music, YL repeating "Salamat" which is "thank you" in Philippine dialect, OM and YL announcers spoke in "Taglish" which locals call the odd mixture of Tagalog and EG, into full Tagalog and more vocals, S-8 signal (Barton AZ 2/12)
- 11870 **CANADA *RCI*** Sackville in AR 2035-2059*, beamed to N Africa, news, interview, ID (McGuire 1/27)
- 11895nf **BRAZIL *Radio Boa Vontade*** Porto Alegre in PT 2303, soft group singing, OM with religious talk, poor to fair but //9550 was fair to good, apparently relays of MW outlets (D'Angelo/FCDX-PA 1/24)
- 11905 **BRI LANKA *Radio SLBC*** Colombo in EG/HD *1530, "This is R Ceylon calling out to India", news, local music, talks in EG and HD, US oldies, poor mixing w/Polish R. (Alexander PA 2/12) in HD at 0020, drums, NA, indigenous instrumentals, YL w/talk in HD, two OMs w/religious recitation and religious singing, upbeat instrumentals 0030 and ID at 0035, fair (Sellers BC 2/12)
- 15170 **ROMANIA *RR1*** Bucharest in RM 1423, yodeling morphing into "O Sole Mio", nice folk music until abrupt cutoff the air at 1456 without so much as a "la revedere", this transmission is in the clear only on Saturdays when Spain relay via Costa Rica takes a break (Hauser OK 1/29)
- 15190 **BRAZIL *Radio Inconfidencia*** Belo Horizonte in PT 2220, local pop ballads, announcements, ID 2220, fair signal, //6010 weak (Alexander PA 2/12) in PT 2122, talk by OM and YL, string of promos, ID, fair above Radio Africa to 2126 then mixing after 2130 (Coady ONT 1/18)
- 15250 **CUBA *Radio Nacional de Venezuela*** relay via Havana in EG 2316, YL with translations and talk on political speech in SP, very good, //13680 same (Sellers BC 2/11)
- 15335 **SINGAPORE *BBC*** relay in EG 0020, feature "Outlook", IDs, fair, //15360 poor (Sellers BC 2/8)
- 15345 **ARGENTINA *R Nacional*** in SP 2344-0006, OM hosting pop music program w/selections from the Bee Gees and Elton John, listener phone calls, time pips 0000, several IDs before talk by OM and YL, poor to fair, //6060 fair (D'Angelo/FCDX-PA 1/23)
- 15540 **KUWAIT *Radio Kuwait*** in EG 1820, pop music, time pips 1830, ID and time followed by a fanfare and the news to 1837, then back to pop music, good (Coady ONT 1/14)
- 15580 **BOTSWANA *VOA*** relay in EG 1900, editorial, ID, African service, report on Egypt (McGuire 1/29)
- 17505 **ASCENSION ISLAND *WYFR Family Radio*** relay in Shona w/YL land OM presenting the usual Family Radio Program, ID (Handler IL 2/8) ED: Shona is a dialect spoken mostly in Zimbabwe.
- 21695 **LIBYA *Voice of Africa*** Sabrata in EG 1534, fanfare, YL with "We've come to the end of this program. Thank you for listening", musical bridge, OM w/target areas of broadcast, ID at 1536 and talk about Libya, fair signal (Coady ONT 1/17)

Clandestine And Opposition Stations

- 5910 **JAPAN *Shiokaze/Sea Breeze*** via Tokyo in EG 1402, another Wednesday in EG which is not always the case. YL says she will be giving data on abductees today, starting with someone who disappeared from Osaka on July 3, 1960 on the way to the movies, good clear signal, no jamming (Hauser OK 2/2)
- 6297 **ALGERIA *National Radio of the Saharan Democratic Republic*** relay via Rabouni in AR 2303, Mideast music, ID 2303, fair to poor signal with utility QRM (Bueneman MO 1/29)
- 7205 **ERITREA *Voice of the Broad Masses of Eritrea 1*** in Vernacular *0359-0418, IS, ID and opening announcements, musical segment, news, Horn of Africa vocals, poor to fair (D'Angelo PA 2/5)
- 11515 **MADAGASCAR *Radio Dabanga*** in AR 1544, OM with talk, brief Horn of Africa music, interview? At 1547 with mentions of "Sudan" and "Darfur", more HoA music, fair w/het (Coady ONT 1/21)
- 11690 **SOUTH AFRICA *Radio Okapi*** relay via Meyerton in FR 0423, news and news features, discussions with other people and remote feeds, several "Okapi" jingle IDs, mention Congo, f (D'Angelo PA 2/11)
- 11740 **UNITED KINGDOM *Radio Damal*** (to Somalia) relay via Wooferton in Somali *1900-1930*, music at opening, OM w/talks in Somali and news w/frequent mentions of Somalia and Mogadishu, after news mix of talks and Horn of Africa music, ID 1913, abrupt s/off in mid-sentence, f-g (D'Angelo PA 2/2) in Somali 1908, music, chanting/prayer, Radio Damal is known as "the Voice of the Somali People" ("odka bulshada Somaliyeed") (Handler IL 2/12)
- 17725 **FRANCE *Radiyo Y'Abaganda*** (Uganda) relay via Issoudon in Vernacular *1700-1715*, opened with group singing followed by an OM talking in local language with ID and news, group vocal, more talk until closedown, poor to fair (D'Angelo PA 2/5) in Vernacular *1700-1715*, s/on with local choral music, talk at 1704 with mentions of Baganda and Uganda, abrupt s/off, heard only on Saturdays, good signal but began mixing w/an unidentified station just before s/off (Alexander PA 2/12)
- 17745 **PORTUGAL *Sudan Radio Service*** relay via Sines in EG 1501-1530, tune-in to local string music, IDs, feature "Let's Talk" at 1502 with discussion about Southern Sudan politics, open carrier 1526-1530 and into AR at 1530, good signal (Alexander PA 2/12)



World of Radio SW schedule projected as of March 13

Days and times here are strictly UT. Times on North American stations are one UT hour LATER than shown until the start of DST March 13. IRRS time should shift one UT hour EARLIER than shown, from April with DST in Europe.

Latest complete schedule on SW, AM, FM, satellite, webcasts with hotlinks to station sites and audio, is at:

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

Wed 1530 WRMI 9955 [hoped to be first airing]

Wed 1900 WBCQ 7415

Thu 0330 WRMI 9955 [sometimes first SW airing]

Thu 1500 WRMI 9955 [often first SW airing]

Thu 1900 WBCQ 7415

Thu 2100 WRMI 9955

Fri 0330 WWRB 2390 and/or 5050 NEW, ex-3185

Fri 1430 WRMI 9955

Fri 2030 WWCR1 7465 [or 15825?]

Sat 0800 WRMI 9955

Sat 1400 WRMI 9955

Sat 1600 WWCR2 12160

Sat 1730 WRMI 9955

Sat 1900 IPAR 6090 and/or 9435 testing

Sun 0630 WWCR1 3215

Sun 0800 WRMI 9955

Sun 1530 WRMI 9955

Sun 1730 WRMI 9955

Mon 1130 WRMI 9955

Tue 1530 WRMI 9955

Tue 1900 WBCQ 7415

Wed 0100 WRMI 9955

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Best of DX to all NASWAns, Glenn Hauser

Company Store

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

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Shortwave Listening Guidebook by Harry Helms. A beginners guide to shortwave listening covering equipment and more.	\$19.95 +4.60 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.
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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.
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ISSN 0160-1989

The Journal of the
North American Shortwave Association

Executive Director: Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610
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Canada (First Class Mail)	\$32.00
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South America and the Caribbean	\$38.00
Europe	\$40.00
Asia and Africa	\$42.00

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

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



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

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