

The **NASWA** Journal

VOLUME XLX NUMBER 12

DECEMBER 2010

The NASWA Journal



North American Shortwave Association, 10000 Highway 100, Suite 100, Houston, TX 77057

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Holiday Greetings

The NASWA Journal



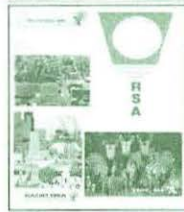
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North American Shortwave Association — America's Shortwave Broadcast Club

Quality Radio Equipment Since 1942

GRUNDIG

SATELLIT 750

FREE Grundig G6 Receiver

Purchase your Satellit 750 from Universal Radio before 12/31/10 and receive a FREE G6 with your order. A \$99.99 value! (G6 also sold separately).



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

List \$400.00

Order #0750

\$299.99

GRUNDIG G6



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

List \$150.00

Order #0626

\$99.99

GRUNDIG G3

FREE Grundig M400 Receiver

Purchase your Grundig G3 from Universal Radio before 12/31/10 and receive a FREE M400 with your order. A \$99.95 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

M400

The Grundig M400 is an ultra compact portable radio that covers the AM (520-1710 kHz), FM (87-108 MHz) and shortwave in two bands: 5.9-10 and 11.65-18 MHz. The M400 features an analog circuit with digital display and has easy-to-use controls. The frequency display is to the nearest 1 kHz on AM and to 5 kHz on shortwave. There is a built-in clock-alarm.

The left side of the radio has the tuning knob, an earphone jack and a lock button to prevent accidental frequency changes. An amazingly thin radio... under 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

S450DLX



The Grundig S450DLX Field Radio receives AM, FM and shortwave continuous from 1.7 to 30 MHz. A wide/narrow bandwidth switch reduces adjacent channel interference. The main tuning knob may be set to fast tuning, slow tuning or lock. Features include: Bass and Treble tone controls, RF Gain, 50 memories, 12/24 hour dual alarm clock, Quick-Tune button, sleep timer, 9/10 kHz MW step, battery level icon, DX/Local switch, FM mono or stereo (to earphone jack only) switch, F type antenna jack for external SW/FM antenna and terminals for MW antenna and Ground. There is an AM IF Output jack (F type) for future accessory devices such as DRM or SSB decoders. Jacks also for line level output and line level input, plus an earphone jack. The display is backlit and there is a switch to even illuminate the push button keys on the front panel. Includes 9VDC AC adapter or operates from six D cells (not supplied). 12.2 x 8.5 x 3.8 inches.

S450DLX

Order #5450

\$99.99



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Except Alaska, Hawaii and Puerto Rico

Happy holidays to everyone. Now is a good time to buy yourself that special piece of radio-related gear you think you need but nobody in your family thinks you need. Our friends at Universal Radio in Reynoldsburg can make that happen. Naturally, I have my list needed things that only I can make happen, hi! I hope everyone enjoys the holiday season and has plenty of opportunities to listen to the shortwave bands.

Richard Cuff and **John Figliozzi**, co-chairs of our annual Winter SWL Festival, recently announced the dates and venue for the 24th Annual Winter SWL Festival. Although FESTE-meister Cuff covered this in his column last month, I will review the main points here. The FEST will be held 4-5 March 2011 at the Doubletree Guest Suites in Plymouth Meeting, PA. This is a new location. Plymouth Meeting is a Philadelphia suburb convenient to key regional highways, such as the Pennsylvania Turnpike (I-276/I-476/I-76) and the Schuylkill Expressway (I-76), as well as the Philadelphia region's public transportation network. The change in venue will enable the FEST to continue many of the traditions that have contributed to its long-standing popularity, including a full complement of forum sessions, the Hospitality Room, the Silent Auction, and the Saturday Night Banquet and Raffle. For those who choose to stay at the Doubletree, your room rate now includes a full breakfast for each day's stay. The registration form for the FEST is available elsewhere in the Journal; hotel reservations should be made directly with the Doubletree at 610-834-8300; a special \$89 room rate is available but you must mention the "Winter SWL Fest" rate to get this special price. Updates and additional information will be posted at the FEST website, <http://www.swlfest.com>, and will also be available in the Journal as the FEST approaches.

Long time club member, and Winter SWL Festival attendee, **Gerry Kerscher** dropped us a note recently which included a copy of a magazine cover featuring DX friend **Alexander Beryozkin** from St. Petersburg, Russia. Noted Gerry, "Did you ever think you would see your old friend's picture on the cover of a Russian magazine?" In retrospect, Gerry wished he had gone to the EDXC Conference in Ankara earlier this year. Gerry invited Alexander to the upcoming Winter SWL Festival in Plymouth Meeting - gee, I almost said Kulpville - in March 2011. Maybe we will have our first Russian DXer visiting us at the FEST.

The Association for International Broadcasting (AIB) announced the winners of its annual global media excellence awards at a gala event in London on 9 November 2010. The AIB Awards are unique in broadcasting because of their independence from commercial interests including an independent panel of judges consisting of respected professionals from the broadcasting and wider industries to select the winners. Of interest to the shortwave radio community are the following: Clearest coverage of a single news event was the BBC World Service (UK) for Connexion Haiti. Highly commended was the BBC World Service (UK) in the best creative feature category for The Day that Lehman Died and Radio Netherlands Worldwide (Netherlands) for Down's but Not Out. Also, Radio Free Asia (USA) was highly commended in the Best cross-media/online production for Travelling Down the Mekong. RFE/RL (Czech Republic) was highly commended in the Best investigative documentary - radio category for Plight of Afghan, Tajik Prisoners. The best current affairs documentary - radio went to the BBC World Service (UK) for Dying to Give Birth. Highly commended was Radio Taiwan International

Our Motto: Unity & Friendship

(Taiwan) for Breaking into Death Row.


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

A. J. Janitschek of Radio Free Asia informed us that a few months ago, RFA started a new social network service on Facebook where DXers, and others, can access their latest broadcast schedules, frequency data, and information about our current, and past, QSL cards. RFA encourages everyone with a Facebook account to join them online at RFA QSL.

Bob Padula notes that the Australian SW Guide, edition 26, B10 season, is now ready for downloading, free of charge, from a brand new ASWG Website: <http://aswg.edxp.org>. The ASWG Edition 26 is a no-frills reference, covering the five-month international shortwave transmission period effective October 31, 2010, and concluding on March 26, 2011, known as the B10 International Transmission Season. With several hundred entries, it provides comprehensive information of shortwave broadcasting schedules for transmissions intended for Australia, New Zealand, Papua New Guinea and the Pacific Islands, for broadcasts in all languages. Three versions are available - PDF, MS-Office Excel, plain text. Although "free" the author asks that if "you consider the ASWG to be useful for your SW monitoring, please consider sending in a small donation. This will help pay for hosting fees for the site, and ensure that it remains free of commercial adverts. A suggested amount is AU\$5/US\$5 - a Pay Pal link is at the site with other details."

Don't forget that the Danish Shortwave Club International ("DSWCI") is running a new International DX Contest, "The Grand Tour Across All Continents 2010". This completely new contest is held from Friday, 3 December 2010, 0000 UTC to Sunday, 19 December 2010, 2400 UTC. It is open to all shortwave listeners regardless of membership in any DX club. Primary contest frequencies are from 2300 to 26100 kHz. The contest fee is Eur 3.00, or 4 IRCs or US\$5.00. The deadline for submission of the contest form is 31 December 2010 to Jaroslav Bohac, Svestkova 2828/7, 400 11 Usti n. L, Czech Republic (his e-mail address is trams@volny.cz). Each participant will receive a contest diploma with his/her classification and a list of participant results. The first three participants will be awarded non-cash prizes. In Part 1 listen to a broadcast station of the contest country (Ethiopia, Egypt, Vatican, Belarus, Austria, Albania, Sri Lanka, Indonesia, India, China, Bangladesh, Saudi Arabia and South Africa) for at least 15 minutes (Date, Time in UTC, frequency and program details). For one country lone log only. Unofficial, pirate and clandestine stations are not allowed. In Part 2 you can raise your score by listening to any DX program. The number of DX programs is limited to 4. No particular country limit. Scoring the same way as in Part 1, maximum point value 100 points for one DX program. A contest form is available on the DSWCI website <http://dswci.org/>. Good luck!

Please remember to direct all communications about subscriptions, bulletin delivery issues, Christmas gift giving ideas, the use of PayPal as a payment method, etc. to **Bill Oliver** at the club's Levittown address or to his new electronic address, billoliver@verizon.net. The regular postal address is the familiar 45 Wildflower Road, Levittown, PA 19057. Inquires sent to Wyominging 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. 

Calendar Of Events


- Dec 4 Meeting. Reading International Radio Group.** A meeting of the Reading International Radio Group will be on Saturday December 4 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>.
- Dec 4-19 Contest. "The Grand Tour Across All Continents 2010"** will be from Friday, 3 December 2010, 0000 UTC to Sunday, 19 December 2010, 2400 UTC. Primary contest frequencies are from 2300 to 26100 kHz. The contest fee is Eur 3.00, or 4 IRCs or US\$5.00. The deadline for submission of the contest form is 31 December 2010 to Jaroslav Bohac, Svestkova 2828/7, 400 11 Usti n. L, Czech Republic (his e-mail address is trams@volny.cz). Each participant will receive a contest diploma with his/her classification and a list of participant results. The first three participants will be awarded non-cash prizes. In Part 1 listen to a broadcast station of the contest country (Ethiopia, Egypt, Vatican, Belarus, Austria, Albania, Sri Lanka, Indonesia, India, China, Bangladesh, Saudi Arabia and South Africa) for at least 15 minutes (Date, Time in UTC, frequency and program details). For one country lone log only. Unofficial, pirate and clandestine stations are not allowed. In Part 2 you can raise your score by listening to any DX program. The number of DX programs is limited to 4. No particular country limit. Scoring the same way as in Part 1, maximum point value 100 points for one DX program.
- Dec 10 Meeting. Boston Area NASWA Chapter.** The Boston Area DXers have found a new location for meetings. Inquiries about the BADXers may be sent to Paul Graveline at 978-470-1971 or Internet: ctreditor@aol.com. The URL for the BADX guys is <http://www.naswa.net/badx/>
- Dec 11 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.
- Dec 17 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.
- Dec 18 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meets at the Lebanon Citizens' National Bank (LCNB), 425 West Central Avenue (Ohio 73), Springboro, Ohio at 7:00 PM. For more information contact Mark Meece at 937-743-8089 or e-mail at antennapig@siscom.net. For additional information about MONIX, check out their web site at <http://www.siscom.net/~mmeece/monix.html>
- Dec 20 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.
- Feb 26, '11 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>.
- Mar '11 Convention. The 24th Annual Winter SWL Festival,** sponsored by NASWA, will be held at the DoubleTree in Plymouth Meeting, PA (note change of location) on 4 and 5 March 2011. Richard Cuff and John Figliozzi co-chair the organizational committee. Hotel reservations should be made directly with the Doubletree at 610-834-8300; a special \$89 room rate is available but you

must mention the "Winter SWL Fest" rate to get this special price. Updates and additional information will be posted at the FEST website, <http://www.swlfest.com>. Although it is early, you don't want to miss this special FEST event. See you there!

- Apr 16, '11 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>.
- May '11 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 '11 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 '11 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>.

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

FRENDX: Twenty-Five Years Ago (December 1985)

Spectrum World Broadcasting was holding its Third International Broadcasting Marathon between December 23rd and January 2nd noted Gerry Sinclair, Station Manager. In Technical Topics, editor Skip Arey published a report from Dan Robinson about reception from East Africa. In the Computer Corner, editor Bill Cole wrote about the SWARL logbook program for the Apple computer and provided an update on the ANARC BBS. The Woodpecker Project t-shirts were selling for US\$10.00 postpaid from the ANARC OTH Radio Committee. In The Awards Program column, John Kapinos reported that 11 individuals picked up a batch of awards in December. Ray Niekamp wrote "DXpedition, Minnesota Style". Editor Jerry Lineback's Scoreboard column featured results from 101 members with 23 reporting 200 or more countries heard and 9 reporting 200 or more countries verified. In Log Report D, editor Wally Treibel noted only 128 loggings reported compared to 300 during the summer. Tiare Publications announced the release of Gerry Dexter's newest book, "Secrets of Successful QSLing", which became an instant classic. A four-page news release from NDXE Global Radio and H. D. Norman, Jr. called the station the world's first stereo high frequency station was looking for advertisers with a project sign on date of July 4, 1986. 

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.

Doug Robertson <dr_tug@dslextrreme.com>, Oxnard, CA

On Friday at VERTEX STANDARD I also picked up a gratis copy of the November 2010 QST and the Ham Radio Outlet 2010 catalog. My FRG-8800/FRA-7700/SP-767 combo is still going strong (was purchased in 1991), but much of my listening is on my Magnavox D1835 analog 12 band portable with continuous tone control favored for program listening wherever I am with it. Radio Netherlands Receiver Shopping List 13 rated it years ago as value four stars Good under the Philips name (same radio). I am no longer DX chasing, but have logged 165 countries over many years. I have been SWLing since the 1950s when I got into it via repairing friends' shortwave radios. Recall the first I worked on was a Hallicrafters S-38. They and National, Hammarlund and Collins were the big names then.

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

The first topic is the Rhein Mein Radio Club's special broadcast. Germany's Rhein Mein Radio Club did a special broadcast to make up for the cancelled Radio St. Helena Day 2010 broadcast on 9th of October, the day when the original Radio St. Helena was scheduled to go on the air. This special broadcast was first targeted to Europe which was heard here with heavy interference from Deutsche Welle and China Radio International and later to North America, which was totally inaudible in Japan.

Because of the poor reception in Japan and other Asian countries, RMRC, Rhein Mein Radio Club, planned another special broadcast targeting Asia with cooperation of JSWC. The time and frequency was on October 23, Saturday, from 13:00 to 14:00 UTC on 11640 kHz from Lithuanian transmitter. This was poor in the beginning, but the latter half from 13:30 was pretty well heard with SIO 454 to 353. QSL card has been issued from Rhein Mein Radio Club and e-mail version of the cards were already received by many Japanese listeners.

The second topic is termination of Japanese service of AWR, Adventist World Radio. AWR's media center here had announced the termination of short wave transmission of their Japanese service from Guam at the end of October. They are broadcasting 30 minute program in our morning (2100 UTC) and evening (1300 UTC). A few years ago, KTWR terminated their Guam transmission and moved to domestic AM and FM radio and AWR had decided to take the same route.

The third topic is EDXC 2010 in Turkey. This annual event was held in Ankara, Turkey from 30th September through 3rd October. I attended and enjoyed to see many old friends there. To my surprise, Director General of External Service of Voice of Turkey told us they had a plan to initiate Japanese and Mongolian language services in the future. He did not say when, but this is encouraging news to many Japanese listeners.

For this year's EDXC, by the efforts of Dr. Ufuk, Chief of German Section, Voice of Turkey took very good care of us including visit to their short wave transmitter site in Emirler. Many of attendees were interviewed by their home language sections and I was interviewed by English section announcer, Mrs. Aytekin Cemre.

By the way, utilizing my JAL mileage ticket, I am planning to attend Hamfest India 2010 at Pollachi, South India. I may see some of you there.

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

World Radio Club 1978 recordings online: On an offshore radio focused newsletter BBC producer Tony Street asked if anyone had recordings of World Radio Club as there were none in the BBC World Service archives. I knew I had three on cassette and have found two of them. These have now been recorded as mp3's and uploaded to my 4Shared account for downloading or streaming.

One is when I was a studio guest, it was broadcast on Wednesday 22 February 1978 at 0815 1330 and 2315 and on Friday 24 February 1978 at 2100. I talk about the forthcoming World Administrative Radio Conference which included on its agenda a proposal to expand the shortwave broadcasting bands. Mike Ashdown of Racal then talks about a satellite communications unit that fits into a land rover.

The second is from earlier the same month, or late January, and featured well known UK DX'er Gordon Darling talking about medium wave DX'ing. The interview was recorded at a Reading meeting on 21 January which World Radio Club presenter Peter Barsby attended. The other feature was on digital tape recording.

The recording I have been unable to find featured UK DX'er Gordon Pilling talking about his recent visit to Southern Africa, also interviewed at the Reading meeting.

Each edition had a propagation report from Henry Hatch, DX news by telephone from Noel Green and from BBC Monitoring and David Ansell, these were read in the studio. With the BBC World Service reducing its shortwave transmissions it's fascinating to look back and hear how shortwave propagation and frequency usage was so important for them at that time.

Tony is hoping to put together a programme about the way the World Service has changed relative to new technology, and whether shortwave international radio still has a use in the world, for broadcast sometime next year.

The programmes can be streamed or downloaded at: http://www.4shared.com/dir/TvUipvat/BBC_World_Radio_Club.html

Mark Coady, 829 Fife Bay Marina Lane, Peterborough, ON K9J 6X3, Canada

At the latest Shadow Lake Radio Camp I was going to erect a tilted folded terminated dipole (T2FD) that I had built to resonate around 7350 kHz. Unfortunately, I did not realize that the connection at the balun was not strong enough to handle the stress and it broke in two. Harold Sellers and I then scrambled to erect a G5RV.

Back home I have managed to correct the weak points and have it installed between two trees beside my house. Man, is this a quiet antenna! Despite being in cottage country, I have some big problems with QRN - mainly from hydro-related RFI and Wifi. Using this antenna the noise problems seem to have vanished to the point that at 1530 UTC today I was listening to VOA in Special English via the Philippines on 9760 kHz with a good but fluttery signal on my Eton E-1. Then I tuned in Radio Free Asia via Palau at 1600 with a good signal. My Drake SPR-4 is still hooked up to the loaded Windom antenna. Both VOA and RFA were audible but reception conditions were very noisy.

So, I guess the moral of the story is, if you can't eliminate the QRN - erect a quieter antenna.

Brandon Jordan <bcdx.org@gmail.com>, Memphis, TN

Countries and the awards program: It is very sad that the SW hobby is at a point to where country counting is pretty much a non-issue, especially for DXers that just got started within the last decade or so. I suspect that only folks like me, who began DXing back in the golden age of SW DXing mentioned by Don Jensen, and still have countries to verify that are even interested.

I started DXing back in 1976, with many extremely long inactive periods over the years. Fortunately I was able to keep up with most of my QSLs over the years, and am still actively working on upping my verified country totals for the NASWA awards. Last year I finally applied for all of the NASWA Awards that I was eligible for, and still have some more frames to pick up before I have them all mounted. Many thanks to Gary Neal! Every since I applied the awards, I have been keeping an eye out in the bulletins each month for the NASWA awards announcement column but haven't seen one since. Has the lack of activity for the awards program curtailed these announcements?

Unfortunately, back in the day, I was not very consistent with follow-up reports, PFCs and such, so there are many countries lacking in my totals that should have been rather easy at the time. In fact, it is only within the last year or so that I finally passed the 150 countries verified mark (currently 156).

I am still struggling to qualify for the basic Africa continental award (33/40), and not sure I will be able to achieve that one due to lack of responses. I am also lacking the Asia DXpert (37/50) and Oceania DXpert (14/17) awards, with the Oceania award being achievable if I can get the 3 PNG radio countries that I am lacking or one of the Irian Jaya stations to respond to my follow ups. Asia DXpert is likely out of reach.

I think that the Awards program could draw a bit of interest with the Pirate DXer award. There are many pirate stations these days, along with a large number of pirate DXers who would be eligible for the award, so perhaps NASWA should take advantage of this. It would be nice to see the current Pirate DXer certificate updated and re-designed, as the current one is pretty underwhelming, and then promoted.

Richard Murphy <richard.murphy@swri.org>, San Antonio, TX

I'd like to request that someone who has access to the NASWA membership database create a table listing the membership numbers by state/province and publish it either in the Journal or on the club web site. This is a prerequisite for any kind of regional get together or DX weekend like you folks have back east. I am not asking for names and addresses, only numbers. Back in the late 1960s, NASWA used to publish a membership count from time to time, perhaps only to see how the club stacked up against some the older and bigger clubs. Thanks.

Is there some reason why the NASWA web site cannot have an additional section for these well known DXers who are no longer with us? Many were NASWA members and I agree that Bill Eddings should be included because his contribution to the hobby extended beyond his own personal SWL activities.

Who has the best archive of The Journal and FrenDX? I know some current members were already members when I first joined back in 1967, so I figure someone has kept all their issues. Also, does the club maintain an official archive of all club publications somewhere? What triggers this question is Harold Cones' survey on switching to PDF publication. One thing I could work on would be scanning old issues of The Journal/FrenDX so that they could be preserved on CD-ROM, searched, etc.

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

I'm looking for some input on setting up a new shack in my home. We moved in about a year ago and I've been stuck in a small sunroom, that's the best way I can describe it, in the middle of the house. Now I'm considering finishing off a room in the basement or attic. I've looked into those Owens Corning basement systems but they seem a little pricey. Does anybody have any advice or experience on setting up a listening post? Any advice, suggestions, etc. would be most appreciated.

Bill McCourt - WF1L <wemccourt@yahoo.com>, Reston, VA

A couple primary things to consider when choosing a shack location is that it's in a comfortable location (being cold or overheated will shorten your enjoyment) and that you can easily access the outside of the house (to facilitate antenna installation/servicing). Some lesser things are that it's quiet and out of the main traffic flow in the house. Also make sure that if it's located out where it's visible to visitors, it can be closed up so it's not an eyesore to your other half. Hide all the wires too if you're in a common room. This will prevent curious fingers and pets from damaging things they don't know anything about.

My CW Elmer, Paul NG7Z, set up a shack in his condo living room and had his antennas out on the balcony so small things can produce good results!

Mike Rohde <merohde@columbus.rr.com>, Columbus, Ohio

As fewer and fewer commercial broadcast stations continue their HF programming Atlantic Radio (see this month's Listeners Notebook) is a great example of how it is still possible in many cases to score a needed country that is otherwise not possible. Pirate radio is alive and well in many counties of the world so they afford the DXer an opportunity. Another case in point would be a QSL received some months ago for a broadcast I had heard more than a year ago. The QSL was from Radio Space Shuttle International broadcasting from a TX site in Denmark sorry to say that this particular broadcast was the last to be made from that Denmark site before it was deactivated.

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

I received a nice package of goodies from Commander Bunny who was cranking up his election campaign in late October in anticipation of November and Election Day. Using a DX Edge size envelope, the Commander sent a red, white and blue "Commander Bunny for President" bumper sticker, a magnetic 2011 calendar, a magnetic WBNY-Radio Bunny business card, a brochure entitled "Commander Bunny 2012 Presidential Platform" ("I support higher education, by building taller schools!"), a hand written "counting on you to organize the PA votes" message and a piece of cardboard to protect the package with a hand scribbled note "Do Not Eat." Always appreciate hearing from Commander Bunny.

QSL returns seem to be gradually picking up with some nice replies in this month's batch of stuff. More and more replies seem to be coming as electronic attachments. Three of my four returns this month came from the electronic route. Although I prefer the traditional postal reply, especially for the exotic international stamps on the envelopes, any reply will do at the end of the day. If stations will reply only by electronic means that makes things very difficult for radio listeners that have not taken to computers and the Internet.

Here is this month's collection of QSL news. First, I got a nice reply from Belarus on 7265. It is the First National Channel Grodno using 5 kW verified from the transmitter operator, Republic Unitary Enterprise Belarusian Radio-Television Center. Report was sent to inbox@brtpc.by (which also appeared on the letterhead of the attachment) but the reply came from omts@brtpc.by. I presume either would be good for any future reports. The

letter notes: "We are dreadfully sorry for such long time answering. Although we are very pleased that there are people who are interested in shortwave radio broadcasting outside borders of our country. We accept the fact of your reception our shortwave radio from Grodno. At present time RUE "BRTPC" carries out radio translation of state radio programs "First National channel of Belarusian radio" and "Radio channel Culture" ... RUE "BRTPC" wishes you to have a nice reception. We were amazed to receive your letter and thankful for your interest in us." Next, Adventist World Radio - Wertachtal verified with a full data "Voice of Hope" card, a short personal letter and some 2011 pocket calendars from v/s Eunice Calvo-Trindade, AWR Listener Services. She noted that the card has the wrong postal address (39 Brendon Street in London) and that the correct postal address is: AWR, 1 Milbanke Court, Milbanke way, Bracknell RG12 1 RP, England. Third, US Pirate station Thinking Man Radio verified an electronic report with an electronic reply from TMR who noted "Yes you were in indeed tuned into Thinking Man Radio and our show #13. This was the first broadcast with our upgraded and improved dipole antenna. We experienced technical difficulties and had to cut the show short by about 5-8 minutes. Thinking Man Radio is sorry for that but we have fixed things and we are back in business. This station is dedicated to FREE thought and reflection. Until next time, think as you and I are not what we eat....we are what we think." Finally, Radio PMR (PRIDNE-STROVIE (Moldavian S.S.R.)) verified an electronic follow up report with an E-QSL in one day from v/s Anatoly Kirska, Director of the Radio PMR who apologized for not responding to previous reports because "our former building (Rozy Lyuksemburg 10) was destroyed in 2008 when The Dnestr River overflowed, so fortunately now we are in another building." Previous replies from Wilkins and Berg motivated me to do my follow up.

The first DXpedition trip to French Creek State Park certainly got the DX juices flowing. We enjoyed mild weather making trekking through the woods doing antenna work a real pleasure. I even saw a hiker using the trail on my way back to the cabin. Bob Montgomery and Dave Turnick were unloading their gear as I arrived. Later we were joined by Ed Mauger and John Figliozzi. Unfortunately, the listening conditions were uneven at best.

Conditions were pretty good the first afternoon with Thailand and DW-Trincomalee making appearances. The new clandestine station, Radio Free Sarawak was also noted. Africans were decent with Niger noted for the first time in a long time on 9,705 kHz. The Latin stations were somewhat quiet but there was a surprise special broadcast for the crew from pirate station the Voice of Kaos. A QSL was promptly received for this transmission.

I was a late riser the following morning. Bob noted conditions were good at 0430 local (0930 UTC) but deteriorated after that. By the time I arrived behind the radio dial at 1130 UTC things were almost awful. Some Papua New Guinea stations were heard at weak levels as were the three Aussies on 120 meters. A possible logging of an Indonesian on 4,920 kHz with the Song of the Coconut Islands but not much else noted deeply under a Chinese station.

After running some errands in 60 degree weather (did spring arrive before winter?), visiting the gym and distributing the Flashsheet I returned to the cabin for some afternoon listening. The 60 meter band opened early with VOA-Sao Tome noted around 2000 UTC and good signals from Djibouti with its 2103 UTC closedown. A personal favorite, RTE Radio One via Meyerton was heard although the level wasn't nearly as good as last season. Rich Cuff arrived around 4:00 PM local as Dave Turnick was packing up his gear; the changing of the guard. Rich could only stay for a short while so by 5:00 PM local he packed up and headed for home.

Late afternoon brought a return of Bolivia to the dials with logs from Eco, Mosoj Chaski and Santa Ana leading the way. Reactivated Chinese regional Qinghai PBS was heard too. The evening meal was the traditional pasta banquet with meatballs, Italian bread,

a bottle of wine, and a pudding dessert. That event usually kills the rest of the evening but we eventually managed to get back to the dials for more listening activity.

The final morning saw awful conditions to just about everywhere. There just wasn't much to be had this morning. John was the first to hit the road by 7:00 AM local, a wise move! Bob, Ed and I struggled through the rest of the morning with little to show for it. The unseasonably warm weather may have had a hand in the inconsistent listening conditions with noise levels rising and dropping on many occasions. Nevertheless, there were always good opportunities where you could tune into something. We plan to attack French Creek again in December and hopefully overall propagation conditions will be for the better. Dr. Edgar Amílcar Madrid, Manager and Director of Radio Truth verifying my reception of their temporary transmissions on 4055 Kcs using only 50 watts power. They expect to return with a higher powered transmitter by the end of October on their original frequency of 40525 Kcs. He promised a QSL card and the "Radio Truth Pack" by regular mail. Next we venture into the world of pirate radio with verifications from two of North America's unofficial voices. KBOX Radio - 6925 upper side band - verified an electronic report with a full data electronic reply from v/s Guy Fawkes. In his e-mail Guy wrote: "We are pleased to acknowledge that you did indeed hear our KBOX "Radio Paranoia" programme. We are most grateful for your signal report, and recognize your name from various shortwave radio oriented journals. In particular we appreciate the details regarding signal strength and audio clarity. This information is very helpful, considering the erratic conditions this year. We hope that propaganda... pardon our error... propagation will continue to favour our efforts at disseminating peace and harmony through Boxxification. We shall try again soon. Stay tuned. Be warned. The first KBOX programme was transmitted in October 2009, with two shows in October including a Halloween flavoured programme; a January 2010 salute programme in memory of Art Clokey, the creator of Gumby; an April Fools Day 2010 show; and this September 2010 programme, our fifth. Our programme content celebrates popular culture, with particular emphasis on internet fads and the peculiarities of radio in general. We have a diverse background in radio production dating back several years. Now, virtually all of our production is assembled using computer equipment and software, with the occasional exception of the use of older materials on tapes. We are also fans of free radio and frequent listeners for broadcasts from the Americas and Europe - in fact, our first confirmed reception of a free radio broadcast was of Spider Radio in Greece. Free radio offers a wonderful eccentricity and diversity seldom matched by conventional radio, although there are a few interesting podcasts, notably Ragnar Daneskjold's Pirates Week podcast, and Radiolab via WNYC." Finally, 6925 usb, Radio Mushroom, also using 6925 kHz in upper side band, responded to an electronic report with a full data electronic attachment QSL. Apparently, it is their ninth different QSL. The e-mail mentioned "This is the only Free Pirate Radio Station that is powered by pure nuclear energy." Here is this month's collection of QSL news. Adventist World Radio - Moosbrunn verified with a full data "African Woman Listening to a Portable Radio" from Adrian M. Peterson, DX Editor who also sent along a nice personal note. North American pirate station Northwoods Radio verified an electronic report with a full data picture postcard of presumably the North Woods. Another North American pirate station verifying this month was WEAK Radio. They verified an electronic report with a full data "ancient radio transmitter e-mail attachment card with the operating noting "sorry it took so long to get you this QSL. Finally catching up from being months behind and still have many to send out. Thanks much for writing!" Seventeen days is very good turn around as far as I am concerned! Finally, Trans World Radio - Meyerton verified for a second time with a full data letter from Siklander Hoosen, HF Coverage Planning at Sentech indicating the transmitter is a 250 KW Brown Boveri, located at the Meyerton Transmitting Station in South Africa, geographical coordinates 26S35 28E08. I always appreciate that little extra bit of detail. Four replies are better than no replies but still I wouldn't mind some "exciting" replies.

Shortwave Center

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A Brief Look at Radio Countries: 1950-2010

By Don Jensen, Chairman, NASWA Country List Committee

We are all aware of the precipitous loss of NASWA "radio countries" in the 21st Century, so much so that "counting countries" — once the key yardstick for DXers — exists today mostly as an afterthought.

If the 1960s, 70s and 80s were the "golden age" of SW DXing because there were so many new countries to hear and count, there was a good reason. It was an era when SO MANY new countries were created!! And here I am talking about geopolitical countries, as distinct from NASWA "radio countries"

Perhaps I should here quickly distinguish the two. In the last 50 years, mostly the new geopolitical countries were formed by gaining independence from former colonial masters. A "radio country" as determined by a NASWA committee, considers two additional criteria, (1) that there is a shortwave broadcaster in the area, and (2) to some extent, longtime DXing traditions are considered.

But, broadly, though not invariably, determination as a "radio country" often followed an area's geopolitical independence. And there was so much independence in 1960s and 70s! Not long ago, AARP compiled a list of the 103 geopolitical countries "created" in the last half century. It started me thinking about that in connection with the "radio countries" explosion in the 1960s and 1970s.

The decade of the "60s" was the decade of African independence from English, French, Spanish and Belgian colonialism. In the 1960s, there were 42 new independent countries, all but 8 of them in Africa. In that era, newfound independence was usually marked by the establishment of a national airline and a shortwave broadcasting service, hence, "radio

country" status followed in short order.

The 1970s, added 24 additional new geopolitical countries, according to AARP. Some were in Africa, but also in the Caribbean and the Pacific.

The 1980s added only eight new countries, mostly latecomers in the three areas that marked the 1970s. The 1990s added 25, mostly resulting from the break up of the Soviet Union and splits in Eastern Europe. Because the NASWA list had long considered the USSR's Union Republics as separate "radio countries" these changes generally did not bring new country listening targets. Finally, the 2000s. This decade brought only four new countries, three from the break of the former Yugoslavia, plus little Timor-Leste.

It was interesting to see the AARP data about 103 new countries since 1960, and it started me thinking about that in connection with the "radio countries" explosion in the '60s and 70s. We tend to think of the pre-60s as being similarly a hot bed of DXing targets, but this is not actually the case. There was a big bubble of new DXing targets in the 1960s, 70s, and lesser extent, the 1980s. And it is THAT bubble that has burst. Actually, DXing in the 1950s and before wasn't all that different from DXing today in terms of countries to be heard except that on average the transmitter powers are so much greater.

So when you consider all the factors — the diminishing importance of a national shortwave voice in establishing a new country's bona fides, the high costs of broadcasting, including expensive high powered transmitters, and few new areas gaining geopolitical independence — it is easier to understand why we once had so many DXing target countries and why we have far fewer today.

Some Observations of the performance of Coax Loops

By Kelvin Brayshaw [New Zealand DX Times, November 2010]

About five years ago, because of age, and a growing reluctance to risk my neck walking on the roof, climbing trees, and in various other activities necessary for maintaining outdoor antennas, I decided to downsize my SWL set-up to a wholly indoor operation, hopefully without losing too much signal quality. With a move into elder-care always a last-resort possibility, I thought it wise to have my much-loved hobby future-proofed for such an eventuality.

As a start I tried a variety of frame loops described some years ago in a NZ DX Times article by Tony King of Greytown. These worked well and a small example of this type was handy for packing in the luggage with a portable receiver for use on holidays.

However, for the home situation I eventually settled on loops made from coaxial cable which, although covering a smaller frequency range for a given physical size, appeared to offer better sensitivity and pretty effective nulling of local interference. I used the "cut-and-try" method of construction, until finding some definitive advice on page 39-1 of the ARRL Handbook (1988), from which I learned that a length of less than 0.08 wavelength was the ideal size for the conductor in a single-turn loop. For approximately the next 1 MHz tuned beyond that critical point natural resonance appears to take over, and tends to overload a small receiver.

The loop on which the following figures are based is housed in a 70cm diameter hula hoop bought from the Warehouse about 3 years ago (unfortunately the latest stock available locally is of solid plastic - so I've turned to garden irrigation tubing to support loops of 70 cm or smaller, and 20mm PVC electrical conduit for larger square loops covering the lower 6MHz of the spectrum.

Length of conductor being Diameter X pi (3.14), the 70cm hula hoop takes close to 2.2M of coax. "Critical" Frequency = 300 divided by $2.2 \times 0.08 = 10.9$ MHz.

I've read somewhere that 75-ohm coax should be used for the antenna itself, and 50 ohm for the feeder. However, the table below shows tuning range obtained, using various settings of the two mini variable capacitors in series with the loop, comparing both 50 and 75 ohm varieties for the antenna portion. Note that optimum sensitivity is in the top half of the range in all cases, so I find it better to use larger loops and old-fashioned 3-gang capacitors for tuning 49m and below.

Changes in sensitivity were more clearly defined by my Sangean ATS 505 receiver, which was used for these tests. My Eton E5 reacts in a slightly different way (possibly due to later front-end technology), but gives good results in everyday use, especially with an AR2 amplifier connected in the line from the antenna.

Frequency Range of 70cm Diameter Coax Loop using Two Mini-Variable Capacitors, as shown, in Series with Antenna

50 ohm antenna	Capacitance	75 ohm antenna
9200 - 10700 kHz	2 x 160pf Series	9500 - 11300 kHz
7800 - 10700	2 x 160pf Series	8000 - 11300
6500 - 9500	2 x 60pf Parallel	6500 - 10000
4800 - 9500	2 x 160pf Parallel	4800 - 10000
4200 - 8500	2 x 220pf Parallel	4200 - 9000

Ignoring Death Threats, Somali Broadcaster Lets the Music Play

By Geoffrey York, November 16, 2010, The Globe and Mail

(Via Bob Wilkner-FL)

Bar-Kulan radio's employees - and its listeners - put their personal safety at risk to defy an Islamist edict

How do you create a radio network in the world's most dangerous country, where war is raging, journalists are killed, and Islamic extremists have banned music, sports and women's voices on the airwaves?

If you're the organizers of Somalia's newest radio station, you ignore the death threats and defy the bans. You broadcast plenty of music and soccer matches — and you hire female announcers, too.

The new station is Bar-Kulan (the Somali phrase for "meeting place"), which this year became the first non-partisan radio broadcaster in Somalia.

Because it refuses to obey the extremists, its 50 employees must take precautions for their safety. They often use pseudonyms and voice-overs to protect their identities. And while the station has a network of correspondents across Somalia, along with an FM transmitter in Mogadishu, its main studio has been placed in neighbouring Kenya, where it can operate a little more freely.

Their listeners must be equally cautious. If they live in areas of Mogadishu controlled by the extremist militias, they often secretly listen to Bar-Kulan on earphones or cell-phone radios, giving the impression that they're merely having a phone conversation.

"They could get into trouble for listening to us," says Farah Lamaane, program co-ordinator at Bar-Kulan. "They are warned by the extremists not to listen to Bar-Kulan, but they still do. They know how to survive. So they are listening quietly and discreetly."

Funded by the United Nations with a \$1.7-million budget this year, the station has insisted on scrupulous independence, covering all sides of the conflict and refusing to take orders from anyone - not even the African Union military forces that guard the besieged government in Mogadishu. The military asked for three hours of daily coverage of its activities, but the station refused.

"Nobody can tell us what to broadcast," Mr. Lamaane says. "It's up to the Somalis. It's up to us."

In a country ravaged by war for the past 20 years, radio is the most popular medium. Somalia is still largely a rural society with an oral culture. Literacy is low, electricity is scarce, and infrastructure has been largely destroyed by decades of war. Radio has a long history in Somalia and it remains crucial to the national culture.

Yet radio in Somalia is under assault. The extremist Islamic militias have seized radio transmitters and shut down radio stations that they dislike. When they banned music this year, most radio stations obeyed. Some used the sounds of gunfire or car horns to replace music. Bar-Kulan was one of only two stations that refused to obey the anti-music edict.

For journalists, Somalia is one of the most hostile countries in the world. In past two years alone, 11 journalists have been killed in Somalia. Many people refused to accept jobs at Bar-Kulan when they discovered that it required frequent travel into Somalia.

There are many radio stations in Somalia, but most are loyal to local clans or officials, and some openly engage in hate speech. The government station, Radio Mogadishu, is seen as a propaganda organ that lacks credibility. Bar-Kulan, by contrast, covers the news on all sides, even the extremists. Its only rule is that it promotes peace, tolerance and reconciliation.

Launched eight months ago, Bar-Kulan now broadcasts 24 hours a day on FM, along with two hours a day on shortwave. It also offers live streaming on its website, mostly for the Somali diaspora in countries such as Canada. About a quarter of its employees are female.

Its music programming is drawn from a unique archive of about 6,000 Somali songs, ranging from K'naan (the Somali-Canadian pop singer) to more traditional songs. Much of its programming is youth-oriented, since nearly half of Somalia's population is younger than 15.

During the World Cup this year, Bar-Kulan was the only Somali radio station authorized to broadcast the matches. It was a coup that dramatically boosted its audience ratings, although its soccer announcers and analysts could not afford to travel to South Africa, where the tournament was played, broadcasting instead from the studio, where they watched the matches on television.

The station also carries a regular series of religious programs by Islamic leaders, including quotations from the Koran that emphasize the themes of tolerance and harmony.

The extremist militias are furious at the music, the sports and the female announcers on Bar-Kulan's airwaves. "All of us receive threats by e-mail and telephone," Mr. Lamaane

says. "We just ignore it. Nothing has happened to us so far. It's in the hands of God."

The founding director of Bar-Kulan is a Canadian radio consultant, David Smith, based in Johannesburg, who previously helped to create radio networks in the Democratic Republic of Congo and the Central African Republic. He jokes that the extremist militias in Somalia probably consider him "the Great Infidel." But he believes strongly that information is a human right - and in Africa it is usually radio that supplies it.

"Radio is king on this continent," he says. "These are oral cultures, and the infrastructure and people are poor."

Although it provides 16 newscasts a day, Bar-Kulan does not try to be too weighty. Music and sports are central to its programming. "In any war zone, people need to laugh and be entertained," Mr. Smith says.

In the future, Bar-Kulan aims to be a national public broadcaster, with transmitters across Somalia. It will use cheap cellphone communications - text messages from its listeners - to gather feedback and ensure that it is providing what Somalis want to hear.

"We can provide a platform for ordinary Somalis to express their feelings," Mr. Lamaane says. "Our ideas are purely from Somalis."

Don't Silence Voice of America

Commentary Published on May 26, 2010 by Helle Dale via Yimber Gaviria

With the proliferation and fragmentation of traditional news sources, what do most people identify as the medium they trust most for information? According to a new poll by Ofcom, the independent regulating authority of the British communications industries, the answer is radio. Of the poll's 1,824 respondents, 66 percent said they found radio the most reliable medium. Second was online news Web sites with 58 percent, which for the first time inched out television with 54 percent. Only 34 percent trusted newspapers the most, confirming their status as a dying breed.

These findings are of particular relevance for U.S. lawmakers, who need to take a hard look at the way U.S. international broadcasting is structured. While the budgets for this important component of U.S. public diplomacy have steadily increased in recent years, radio is being deemphasized—despite being the most effective and the most economical method of mass communication in many parts of the world. Particularly where television is concerned, global competition is so fierce that a massive investment would be needed to have a real impact in many markets around the world, especially in the media-saturated market of the Middle East.

Trusted and Versatile

Not only does radio remain the medium most people trust, but in some parts of the world, it is the only medium that can evade the control of the state. Both television stations and the Internet are far more vulnerable to censorship and government interference in a way that shortwave radio—due to the laws of physics, which allow transmitters to be stationed as far away as the other side of the earth—is not. Medium-wave radio can be effective if transmitted from across borders, as in the case of the array of U.S. transmitters located in Kuwait but directed at Iran.

Furthermore, other countries are seeing the value of shortwave radio. For example, in China's new media and public diplomacy strategy, shortwave radio is prominently featured. Thus, according to the *World Radio and Television Handbook* (2000 and 2009 editions), while in 2000 the United States had some 260 shortwave frequencies and China 150, today that relationship is reversed, with China having some 280 and the U.S. just over 200. Over the past decade, the Broadcasting Board of Governors (BBG), whose nine members are appointed by the President and which oversees U.S. international broadcasting, has made the decision to close down nine transmitter sites around the world, leaving just 13 active. In previous decades another 14 sites were closed down, including in 1997 the Radio Free Europe/Radio Liberty site in Gloria, Portugal, the largest shortwave transmitting facility in the West.

Oversight Needed

Oversight of critically important broadcasting assets is wanting, possibly because of the institutional leadership vacuum at the BBG. According to a report by the State Department's inspector general, a powerful radio transmitter aimed at the Iranian audience was scheduled to go on the air in May 2008, yet it remains unfinished. Construction of the \$5.2 million, 600,000-watt, medium-wave transmitter intended to reach a high-priority audience in Iran is far behind schedule.

As a result of this delay, the powerful trans-

mitter was not available in the chaos that followed the June 2009 disputed Iranian elections, which were precisely the type of event for which this transmitter was designed. Consequently, America's ability to broadcast into Iran was severely curtailed; existing medium-wave assets at the Kuwait transmitting station can reach only a narrow band of the western portion of Iran. According to the BBG, the transmitter is now scheduled to go on the air this fall. In order to make full and appropriate use of the considerable investment made by the U.S. over the years to build up its international broadcasting capability, Congress should:

- Move with deliberate speed to seat the new BBG if and when Members of the Senate have satisfied themselves of the nominees' qualifications and dedication to democracy, freedom of expression, and the free flow of information; and
- Hold hearings on the appropriate role of radio in U.S. international broadcasting strategy, considering the possibility of recalibrating the relative weight given to television and radio.

The Obama Administration should:

- Revisit its major public diplomacy strategy documents, promulgated this spring by the National Security Council and the State Department, neither of which has assigned a major role to U.S. international broadcasting. America has important, but not unlimited, assets whose potential should be maximized.

Although diplomats and pundits have crowned Web 2.0 as the new communications king, radio remains the globe's most trusted source for information. Consequently, America should ensure its public diplomacy strategy continues to commit resources, as well as congressional oversight, to developing its radio capabilities.

Helle C. Dale is Senior Fellow for Public Diplomacy in the Douglas and Sarah Allison Center for Foreign Policy Studies, a division of the Kathryn and Shelby Cullom Davis Institute for International Studies, at The Heritage Foundation.

International Broadcasting

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Will the World Service funding shift work? Mark Byford departs

The huge story during October was the sudden deal in the U.K. to shift funding for BBC World Service from a Foreign Office grant to the BBC license fee, the £145.50 that must be paid to own a television. This was part of a larger budget reduction across the British government instituted by the Conservative-Liberal coalition.

BBC officials have been upbeat about this development. Nevertheless, the absorption of this new financial responsibility will mean cuts to both BBC domestic and international services. For World Service, the amount will be about 16% of its present £272 million annual budget. This could actually be more like 25% when adjustments are made to deal with a BBC pension deficit.

Obviously, some BBC international services will be eliminated. Which ones will be announced in the weeks to come. I would suspect the Balkan and Central Asian services might be endangered. So would BBC Mundo and BBC Brasil, unless some way can be found to monetize these services.

BBC Global News director Peter Horrocks has suggested that advertising might appear in some of the World Service language websites. At present, only the international facing bbc.com has ads. This would bring some additional income, though probably not much relative to the total budget.

So far there has not been any major rebellion from the license payers in the UK. Perhaps they are convinced that the BBC World Service brings value for Britain in the world. And that World Service provides international reporting and regional expertise than enhances the BBC's domestic broadcasting.

A precursor to the World Service funding shift was the announcement on October 12 that Mark Byford would depart as deputy director general of the parent BBC. In fact, the DDG position is to be eliminated altogether, one of the cutbacks the BBC will make to deal with its reduced funding.

Some NASWA members will remember Byford's name. He was the director of BBC World Service in 2001 when it decided to drop shortwave transmissions to North America, Australia, and New Zealand. NASWA's Ralph Brandi organized a Save the BBC World Service Coalition – whose materials are still available at www.savebbc.org – to try to convince Byford and colleagues to delay this decision.

As we know, BBCWS went ahead, and later dropped shortwave to many other target areas. This emboldened other international broadcasters to reduce or eliminate their shortwave transmissions. I would say that the shortwave dial is a quieter place these days, but with the proliferation of devices that create noise on the HF frequencies, it's actually good noise replaced with bad noise.

Foreign Service Journal on U.S. international broadcasting

Foreign Service Journal published another one of its occasional issues focusing on U.S. government funded international broadcasting. In the first of the four articles Senator Richard Lugar mentioned shortwave: "As part of its FY 2011 budget submission, the BBG has proposed closing its last U.S.-based shortwave broadcasting facility, located in Greenville, N.C. The board projects a \$3.2 million savings as a result of this closure. While there is no question that the audience for shortwave is decreasing in some countries, policymakers

need to decide if shuttering the only remaining facility on American soil makes strategic sense."

The second article, by James Carew, describes a USAID television program in Afghanistan. The third, by Robert McMahon, editor of the Council on Foreign Relations website, discusses the challenges of U.S. international broadcasting to Iran.

Then things go downhill, with a piece by one Kim Andrew Elliott. He, well, OK, I, argue for the consolidation of U.S. government funded international broadcasting, expanding on what I wrote in my July 13 New York Times op-ed. Then I make the case for independence, objectivity, and balance in U.S. international broadcasting, with reasons why international broadcasting and public diplomacy have complementary functions.

I also discuss the ongoing problem of presidents and senators delaying the nomination and approval of members of the Broadcasting Board of Governors. This has often left U.S. broadcasting without a fully seated board, which acts as its collective CEO. I offer one solution: "The United States could franchise the international broadcasting effort for a fixed term, say five to 10 years, to a consortium of the major U.S. broadcast news organizations: ABC, CBS, NBC, FOX News and CNN. Each of these companies would appoint an executive to a five-person board, which would, in turn, appoint the chief executive officer of the consolidated international broadcasting corporation and approve the CEO's senior management selections. This self-regenerating board would also approve major decisions, such as adjustments in the use of media technologies."

You can read the entire October 2010 edition at www.foreignservicejournal-digital.com. It's difficult to read online, so I recommend saving the articles as a pdf, for easier reading on your screen, or to send to your printer.


Richard Lobo sworn in as new IBB director.

The new director of the International Broadcasting Bureau, Richard M. Lobo, was sworn in Monday afternoon, October 18. Video of the event is available at www.bbg.gov. The IBB is VOA's parent entity and is also responsible for Radio/TV Marti.

The first I heard about this swearing in ceremony was Monday morning, when someone noticed the two good looking naugahyde chairs in my next-door colleague's office. The chairs were invited to the ceremony (they were needed on the stage of the VOA auditorium), but my colleague was not. Nor was I. Which is fine, because not being invited provided me with a convenient excuse not to attend. (Whenever I can avoid a room full of bureaucrats, I do.)

As those of us who were not invited were leaving the building at COB Monday, we could hear, behind a curtain, down the corridor towards the auditorium entrance, a large crowd enjoying the reception after the swearing in. Judging from the noise, we uninvited may have been the smaller group.

The topic of discussion the next day in the VOA corridors was who was and who was not invited to the swearing in of the new director, and, more importantly, who was and was not able to partake of the refreshments afterward.

Views expressed are my own. More at www.kimandrewelliott.com, posts to which can be "followed" at twitter.com/kaedotcom (with no boring personal stuff). 

Listener's Notebook

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Times are UTC and frequencies in kHz.

ANGOLA 4950 R. *Nacional de Angola*, Mulenvos, Oct 31 at 0546-0606. African music selections, male in Portuguese "Angola, 35 anos de independencia; Republica de Angola, 35 anos", "R. Nacional de Angola", time pips on top of the hour, news program "servico de utilidade publica da R.N.A.". Static, 35333. (Lucio Otavio Bobrowiec-Brazil, JPNpremium Nov 5)

7216.76 *Radio Nacional*, Mulenvos. 2044, usual open carrier causing hets on both sides. Big S9+50dB signal but absolutely no audio. 28/9. (Sharp/ARDXC)

ARGENTINA 6060, R *Nacional*, General Pacheco, Buenos Aires, 2231-2325, Oct 05 and 24, speech by President Cristina Fernandez, full ID in Spanish, sport goooooool, good, QRM from REE in French on 6055 //15344.7 poor/weak. (Bell and Bernardini/DX Window)

RAE is at the crisis of closing shortwave transmission. Sr. Marcello Carvajal, Japanese section of RAE (Radiodifusora Argentina al Exterior), informed Toshimichi Ohtake of JSWC, on November 3 that RAE is now at a crisis of closing shortwave transmission. Their only shortwave transmitter (probably Harris SW-100 at General Pacheco installed in 1977) has had its day, and will be soon unusable unless proper repairing is done. But Argentine government does not admit the budget for repairing. As it is, shortwave transmission will be closed after January 1, 2011. The director of RAE ordered all the sections to gather the mails from the listeners to protect their shortwave transmission. Those who are willing to continue RAE's shortwave service should send mails to dxrae2010@gmail.com. (Takahito Akabayashi-JPN, wwdxc BC-DX TopNews Nov 4) By the end of the ongoing year, one of the transmitters of RAE, more specifically the ones used for broadcasting on the frequencies of 11710 and 1535, will be turned off due to technical reasons at least temporarily. Ahead of the fact that this change might affect our service, and the ability to listen to our programs via Short Waves, we ask our audience to send letters or emails voicing their concern over the continuity of SW broadcasts and their quality. Please send your messages to dxrae2010@gmail.com. (Slaen/DXplorer)

AUSTRIA Robert OE4RGC, President of AMRS, just confirmed that all incoming reception reports for the *Austrian Military Radio Society* broadcasts (Nov 7 and 14 at 1600-1630 on 17620) will be QSLed by their special card. Please include return postage (2 USD or 1 IRC). <http://www.qrz.com/db/oe50amrs>. Robert GRAF, OE4RGC, Kleine Gasse 1, 7011 Siegendorf, Austria (wb, wwdxc BC-DX TopNews Nov 7)

BANGLADESH 4750, *Bangladesh Betar*, 1219, Oct 25. Subcontinent music; frequent IDs ("Bangladesh Betar"); 1230 must be news in Bengali; 1235 "Assalamu alaikum. This is Bangladesh Betar" followed by the news in English (items about the UN, Pakistan, etc.); 1242 back to Bengali; poor with moderate CNR1 QRM; noted 1500 sign off. RRI Makassar continues to be absent here. Oct 26 (Tue.) they did not carry the English news after the 1230 five minute news in assume Bengali; instead went into program of subcontinent/Bengali music. Would be nice to know the exact schedule for the news in English I heard on Monday. 4750, Bangladesh Betar, 1251, Oct 31. Caught the tail end of a segment in English (news?); 1253 into presumed Bengali; many IDs; mixing with CNR1; at times almost fair; tuned out 1309. Certainly seems they have more news segments in English than those listed in WRTH. 4750, Bangladesh Betar, 1235-1242, Nov 1. This is indeed their Monday schedule for news in English, but unable to confirm if it's the SAARC's news. "Assalamu alaikum. This is Bangladesh Betar"; Bangladesh and India signed a memorandum of understanding on "Border Haats", a traditional commodity market, in the border areas of the two countries to promote trade; many persons drowned and others are missing when an overcrowded ferry capsized "120 kilometers south of Kolkata, the capital of the Indian state of West Bengal"; mixing with CNR1; RRI Makassar continues off the air. Too much QRM to hear PBS Qinghai, if they were here. (Ron Howard/NASWA Yahoo Group)

BELARUS Winter B-10 of *Radio Belarus* in English:
2100-2300 6155
2100-2300 7360
2100-2300 7390
(R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Oct 30)

Winter B-10 schedule of *Radio Rossii* in Russian to Western Europe from Minsk:

0500-0800 on 9840

0825-1300 on 12075

1325-1600 on 7310

1625-2200 on 5905

(R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Nov 1)

BOLIVIA 5952.48, *R Pio XII*, Siglo XX, 2340-0025, Oct 04, 20 and 28, male and female speakers in animated discussions in Quechoa, politics, good modulation, 32322 QRM 5950. (Bell, Bernardini and Petersen). Also heard at 1000-1015, Oct 24, Spanish comments between musical selections, signal was poor. (Bolland/DX Window)

6134.806 *R. Santa Cruz*, 0913, convenient ID by a woman at t/in, then talk by a man with "onda corta" and second ID. Then promo for upcoming news bulletin, mensajes, and eventually into huaynos. About the strongest I have ever heard them, at S9+40dB. So good, I just left them on as "background music" for awhile. 4 Nov. (David Sharp, Australia via Wilkner)

BRAZIL 3364.95, *R Cultura*, Araraquara, SP, 2303-0042, Nov 06 and 12, Portuguese short ann, frequent "Santa Marias", Brazilian songs, poor with local noise. (Bell/DX Window)

5940, *Voz Missionaria*, Camboriú, SC, 0159, Nov 06, male pastor in Portuguese, with choir in background, good. (Bell). Also heard at 0538-0543, Nov 07, Portuguese hymns, 23322. (Méndez/DX Window)

5970, *R Itatiaia*, Belo Horizonte, MG, 2301, Nov 07, talk in Portuguese with "atencaos", IDs, telephone nos, good. (Bell/DX Window)

6000, *R Guaíba*, Porto Alegre, RS, 0140, Nov 06, talk in Portuguese with time checks, market news, weather, good. (Bell/DX Window)

6070, *R Capital*, Rio de Janeiro, RJ, 0153-0203, Nov 06 and 14, program "A Voz da Libertação" with emotional religious interchange between male speaker and female speakers in Portuguese, fair. They have a transmitter problem with distorted modulation. (Bell/DX Window)

9530, *R Transmundial*, Santa Maria, RS, 2055-2115, Nov 11, Portuguese, reactivated after a years break! (Monferini/DX Window)

9629.9, *R Aparecida*, Aparecida, SP, 2003-2357, Oct 30 and Nov 04, Aparecida

jingle, Evening Prayer "a radio Aparecida a radio que -- com voce..." National Shrine mention, from 2357 QRM from REE via Cariari in DRM. (Bell, Rodriguez/DX Window)

15189.65, *R Inconfidencia*, Belo Horizonte, MG, 0818-0835, Oct 31, programme "Trem Caipira", Brazilian songs and comments, ID: "Trem Caipira, Inconfidencia", 24322. (Méndez) Also heard at 1101-1156, Oct 29, Portuguese talk, "O terminal ferroviario", "9 horas 3 minutos", "Nesta sexta-feira", "9 horas 10 minutos", comment about club de futebol Flamengo "Bruniño, filho do jogador do Flamengo", ID: "Você está na rede Inconfidencia de Radio", "Espaço aberto", song by Whitney Houston "I have nothing", 1125 program "Universto Fantástico", about the planet Mars, ID: "Inconfidencia, a radio pública de Minas Gerais, Inconfidencia para você e sua familia, Inconfidencia, noite e dia, 9 horas 33 minutos". At 1156 drowned by another station, 34443-24322. Also heard at 1400-1500, Oct 29 and 30, advs, "Programa saúde da manha", "Radio 45 informa, o discurso do Papa na manhã de domingo, por Inconfidencia", "Eleições en Minas Gerais", at 1442 programme "Palabra de médico", 34433-24322. R Africa not heard today. (Méndez) Also noted 1845-2110, Oct 18, 24 and 30, some Brazilian forró songs, 2057 ID, also some advertising program "Almanaque Brasil", On Oct 24 football live, some "Inconfidencia" IDs, QSA = 2-4 and fading. (Bernardini, Monferini and Petersen/DX Window) 15189.7, *R Inconfidência*, Belo Horizonte, MG, 1358-1420, Oct 31, report on incidents during the election of President and Governors of Brazil, "...Inconfidencia voto a voto en las elecciones 2010...", daylight saving time mentioned, program with Prosa de Mulher con Debora Raijon "...o programa masi feminino do rádio...". Also heard at 2110 with the special Sunday programme with music by Milton Nascimento. (Rodriguez/DX Window) 15189.7, 2128, Radio Inconfidencia reactivated here 15/10. First noted as weak UNID signal but reception gradually improved and language confirmed as PP at 2220. Finally at 2359 I was able to confirm station when repeated idents heard. Continued monitoring with further improved reception and at 0300, comprehensive EE ident heard. This is played daily at this time. Still hrd with fair clear signals 0655 on 16/10. (Clark/NZDXTimes)

CENTRAL AFRICA REPUBLIC 7220, *R. Centrafrique*, Bangui. 1820, French, presumed per Jones tip. Mostly threshold

with discussion and hi-life music bridges. If indeed this, certainly not running 100 kW as it's MUCH WEAKER than Nouakchott (4845) and Brazzaville (6115), both audible at this hour. Nothing on 5035, and this freq has been silent for many weeks (if not longer). This freq (7220) is also very sporadic. Flea-power signal makes me wonder if the 5035 xmtr has been modified to work on the higher freq? 28/9. (Sharp/ARDXC)

CHILE CVC La Voz B10 in Spanish from Santiago

1100-1200 on 9780

1100-2200 on 9635

1200-0100 on 17680

1800-2000 on 17860 (DRM)

2200-0100 on 9635 (Alokesh Gupta/ARDXC mailing list)

CHINA 3950, Xinjiang PBS, Urumqi, 2334-2345, Nov 07, male in Chinese discussion with female, predominating male, 25332. (Otávio/DX Window)

4220, **Qinghai PBS**, Xining, *2250-2300, Nov 01, reactivated again after being absent since May 01. Heard with 2 minutes of music already at 2234, then test tones and an open carrier until 2250, National Anthem and ID in Chinese and English. Then programme in Tibetan. (Ritola via Howard/DX Window). 4220, PBS Qinghai (presumed), random checks from 1247 to 1509, Nov 1. Reactivated again after being absent since May 1. In assume Tibetan with indigenous chanting/singing. (Ron Howard/NASWA Yahoo Group)

4940, **Voice of Strait**, 1530-1555, Oct 31. Sunday only program in English; "Focus on China"; continues with their new schedule and again with a 25 minute program; ex: 1500-1525 (or 30); "This is the Voice of Strait, Fuzhou, China"; news items about college students; slightly better than last Sunday. (Ron Howard/NASWA Yahoo Group)

5050, **Beibu Bay R**, Nanning, *2258-2345, Nov 06, IS, IDs including English mentioning "96 point four", Chinese ann, songs, 24232. (Bell, Petersen/DX Window) 5050, Beibu Bay Radio (BBR), 1325-1505, Nov 22. For over a year they have used the "This is Guangxi Beibu Bay Radio" ID at the ToH and BoH. Today for the first time noted their new canned IDs; still multi-language; "FM 96.4 Beibu Bay Radio". Intermittent English; "B-B-R News"; "Weather Report"; "Hello B-B-R"; also in Chinese with traditional greeting of "Ni Hao B-B-R" (pronounced: Nee HaOW); mostly in

Vietnamese; EZL pop songs. (Ron Howard/NASWA Yahoo Group)

5060.00, **Xinjiang PBS**, Urumqi, 1550-1748, Nov 04 and 10, Chinese discussion - back on winter frequency, 35433 // 3950 (45444) and 5960 (45444). (Mille and Petersen/DX Window)

6125, **CNR1**, 1222-1249, Oct 31. Coverage of the closing ceremony of the Shanghai Expo with speeches, music and lowering of the Expo flag; mostly in Chinese, but with some English and French; good. Read that 73 million people attended the six month long Expo. My niece went in the summer and said the long lines everywhere were incredible. (Ron Howard/NASWA Yahoo Group)

CHINA (Taiwan) Radio Taiwan

International B-10 English winter schedule: 0100-0200 on 11875

1100-1200 on 11715 & 7445

(CBS-RTI via ADDX Andreas Volk-D, via wwdxc BC-DX TopNews)

CHINA (Tibet) 6200, Xizang PBS via

Lhasa, 1530-1600, Oct 27. "Holy Tibet" show in English; news about Tibet; Tibetan song; "Tourism of Tibet" with very vivid description of Ranwu Lake; "Many of the peaks surrounding the lake are over 5,000 meters high and thus permanently locked with glaciers. The foot of these peaks, however, is green with pines and cypresses. The lake is especially womanish and tranquil in the arms of the peaks, whose beauty goes beyond words. The browsing herds of cattle and sheep, the barley paddy, bean and cabbage field form an oil painting that can be seen no elsewhere"; this tourism segment almost verbatim from <<http://www.tibettravel.info/nyingchi/ranwu-lake/>>; above average reception; almost 100% readable. Very enjoyable! (Ron Howard/NASWA Yahoo Group) There is an English language website for the Holy Tibet program - <http://en.tibetradio.cn/index.html> - and on-demand audio is available - but the two programs I sampled were not in English. I don't know if this a web programming issue, or that's all the audio there is. I sent them an e-mail to find out...will advise if I find out anything. (Richard Cuff/NASWA Yahoo Group)

CLANDESTINE 3930v (3928.76-3930.91), **R Voice of Kurdistan**, Sulaimaniya, Northern Iraq, new schedule: *0145v-0330v*, Nov 06, 07, 09, 11, 12 and 14, non-stop Kurdish pop songs, 0200 Kurdish ID: "Era Radyo Dengi Kurdistan", martial song of Kurdistan

(duration 2 min. 46 sec.), 0202 ID, Muslim recitation, 45444, *0203-0335* Iranian jamming; long political talks about Iran, not // 3970v! 0330 ID again and sign off, 32432. Also heard fading in at 1420-1530*, Nov 07, in Kurdish and probably Farsi as usual. The jammer was constantly on the frequency and signed off at 1535*, 23222. (Petersen/DX Window)

3970v (3970.05-3971.04), *Voice of Iraqi Kurdistan* (New station), *0225-0415, Nov 06, 07, 09 and 11, Kurdish popular song, 0230 clear ID in Kurdish: "Era dengi Kurdistan Iraq" before the jamming started, martial song of Kurdistan (duration 2 min. 40 sec.), Muslim song, political talks about Iraq, but also mentioning Iran and Kurdistan, and songs, 0400 probably Farsi. Heard // 4890, but was delayed on 3970 with about 30 seconds! The old frequency of Voice of Iranian Kurdistan has been reactivated with a different target! Jammed from *0231 by Iran, but on Nov 07 the jammer stayed on 3980 all the time! 42432. (Petersen). Also audible in Finland with bubble jammer fading in already at 1230, Nov 10. (Ritola). But not heard in Denmark on 3970 and 3980 at 1420-1600. (Petersen/DX Window)

4450, *Voice of the People*, Goyang, South Korea, 2240-2250, Oct 20, Korean talk jammed by AINDF, Pyongyang - or visa versa 33443 // 3912 (22332 also jammed) // 6518 and 6600 both without jamming heard. (Petersen/DX Window)

4870/4880.56/4890.08 (jumping frequencies to avoid jamming), *Voice of Iranian Kurdistan*, Salah Al-Din, Northern Iraq, *0300-0415, Nov 06, 07 and 12, Kurdish talk and songs, 0344 ID: "Aira dangi Kurdistan Irana", talk mentions Kurdistan; at 0405 jumped to 4890.08 in mid-song. But the Iranian jammer stayed all the time on 4870! 35333. (Petersen). Also heard at 1330, Nov 10, maybe signing on? (Ritola/DX Window)

5910, *Shiokaze Sea Breeze* via Yamata, Japan, *1400-1429*, Nov 17 (Wednesday). The cat and mouse game between Shiokaze and the N. Korean jamming continues. Was on ex: 5985 for about 17 days. Usual Wed. in English; "JSR. This is Shiokaze Sea Breeze, the shortwave radio program from Tokyo, Japan. This program is broadcast by the Japanese private organization COMJAN"; data on abducted Japanese believe taken to N. Korea; fair. Ex: 5985 was jammed, which only interfered with Myanmar on 5985.84. COMJAN < <http://www.chosa-kai.jp/indexeng.htm> > in English and < [\[www.chosa-kai.jp/\]\(http://www.chosa-kai.jp/\) > in Japanese. \(Ron Howard-CA/DXplorer\)](http://</p></div><div data-bbox=)

7505, *R Free North Korea*, via Dushanbe (100 kW / 070 degrees), 1200-1400 Korean to North Korea on a new frequency replacing 15645 (Cf. DX-Window no. 413). Broker: Babcock (ex VTC). (Ivanov via BC-DX, Oct 22) Heard at 2025, Oct 18, talks by man and woman, light music in between and background, including Korean pops, 35333. (Liangas/DX Window)

7510, *Democratic Voice of Burma*, via Yerevan (300 kW 100 degrees), B-10 schedule in Burmese to South East Asia at 2330-0030 // 5905 via Wertachtal. (Ivanov via BC-DX, Nov 01/DX Window)

9960, *Radio Bar-Kulan* via Sentech Meyerton, South Africa, 1600-1700 9960 (Alokesh Gupta/ARDXC mailing list)

11515, *Democratic Voice of Burma*, via Yerevan (300 kW 100 degrees), B-10 schedule in Burmese to South East Asia at 1430-1530 // 17790 via Madagascar. (Ivanov via BC-DX, Nov 01/DX Window)

13590, *R Dabanga*, via Dhabbaya, UAE (250 kW 255 degrees), 0430-0527 Arabic to Sudan, ex 13600 since Nov 07 // 7315 Issoudun. From Dec 01 the broadcast hours will be expanded to 0430-0557. (Ivanov via BC-DX, Nov 09)

13740, *R Dabanga*, via Wertachtal (500 kW 150 degrees), B-10: 1530-1630 Arabic to Sudan via Media Broadcast. (Ivanov via BC-DX, Nov 09)

15265, *R Bar-kulan*, via Skelton (250 kW, 175 degrees), Th 1500-1530 French to North Africa. Broker: Babcock (ex VTC). (Gupta/DX Window)

15750, *R Bar-kulan*, via Dhabbaya, UAE (500 kW, 225 degrees), 1500-1530 Somali to East Africa, heard Oct 31. Broker: Babcock (ex VTC). (Gupta/DX Window)

15540, *R Xoriyo Ogadenia*, via Kishinev, Moldova (300 kW 160 degrees), tentative B-10: Mo/Fr 1430-1500 Somali to East Africa. (Ivanov, via BC-DX, Nov 01/DX Window)

15630, *R Mada Internationale*, via Kishinev, Moldova (300 kW 170 degrees), tentative B-10: Sa/Su 1530-1600 French to Madagascar. (Ivanov, via BC-DX, Nov 01/DX Window)

17725, *Radiyo Y'Abadanga* Ababaka in Swahili from Nov 6 via ISS, 1700-1715, ex 1700-1730 (R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Nov 13)

CROATIA Winter B-10 schedule of *Croatian Radio HS-1* in Croatian:

0558-0757 6165 DEA

0758-1457 7370 DEA

1458-2127 6165 DEA

2128-0557 3985 DEA (R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Oct 30)

ECUADOR 3289.89 *LV del Napo* 1007 tkl by W in SP or hybrid vern., then into lively LA Pops, W again w/TC and brief tkl 1009, then more LA Pops. Longer tkl by same live W anncr at 1014-1016, but impos. to copy (other than a TC). Another really long tkl from 1022-1028. Near the end, there was a mention of Quito. Into pgm at 1028-1030 rel.-like M vcl and organ mx. 1030 an Andes flute version of "The Sounds of Silence" originally by Simon & Garfunkle and voiceover anmt by same W starting out w/TC and slurred ID. 1031 soft-spoken M w/ canned tkl and cont. song. 1033 flute mx from what I think was the movie "The Good, The Bad, and The Ugly" along w/clear canned voice-over ID w/ment of "amplitude modulada" by diff. M. Then slick ad w/ments of Tena. 1035 W returned w/TC and tkl. Some kind of noise started at 1054 all but wiping out the signal. Last audible around 1112. Live voice audio was badly muffled making readability difficult. Nice to hear this one back. (6 Nov. Dave Valko via HCDX/Shortwave Bulletin) 3280, 31 Oct 0105-0205 La Voz del Napo, Tena reactivated heard in Bogota by Rafael R. Rodriguez. Best ID: "... desde la casa verde de la Selva Amazonica, usetad escucha La Voz del Napo, voz oficial del vicariato apostolica del Napo, contamos con su fiel audiencia..." (PlayDX)

ERITREA 5060.00, *R Bana*, Asmara, 0415-0425, Oct 31, Tigray (p) talk and interludes of Horn of Africa music, 25332. (Petersen/DX Window)

GERMANY 6085, *R Gloria*, via Kall-Krekel. New catholic broadcasts in December *0800-1400* in Su Dec 05, 12, 19 and daily Dec 24-Jan 02. The leader of R Gloria, Peter Galliker, asks for reception reports which will be verified by a special QSL-card. Please enclose an IRC. The address: Radio Gloria, Postfach 540, CH-6281 Hochdorf, Switzerland. www.radiogloria.eu is their web address. (Christian Milling, Funkhaus Euskirchen e.V.,

www.shortwaveservice.com, via Robic, Nov 16/DX Window)

MV Baltic Radio relay service Schedule for Winter 2010 / 11 on 6140 at 1000 to 1100:

1st Sunday - MV Baltic Radio

3rd Sunday - European Music Radio (December)

4th Sunday - Radio Gloria International (Direct from Tom Taylor emrsw@sky.com)

Demolition of Juelich Transmitter Site: On 10 September Metallverwertungs Gesellschaft (MVG) started to take down 31 of the 34 antenna towers of the former Juelich shortwave transmitter site in Germany. Earlier this year all the curtains, earthnet and coaxial feeders including the slew switches had already been taken away. The last owner, Christian Vision (CVC), who sold the site has handed over the premises in February/March to a consortium that plans to build a holiday park and hotel facilities there. The demolition should be completed by the end of October. 3 towers remain as well as one transmitter belonging to a radio museum on the premises. (Jan Oosterveen, MN Weblog/ARDXC)

Winter B-10 of *Radio Dabanga* in Arabic via Media Broadcast:

1530-1630 13740 WER

1630-1730 11615 WER

(R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Nov 9)

Bible Voice Broadcasting Network Radio

Sadaye Zindagi in Dari from Nov 12:

1600-1630 NF 11955 WER 250 kW 090 deg to WeAS, ex11895 (R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Nov 13) Radio Sadaye Zindagi via Wertachtal, Nov 10 at 1606-1629* UT. Caught this program in the Dari Language, with a drama program, selections of music interspersed, did manage to catch the closing announcements and gave the e-mail address as: info @ afghanradio.org. Then a short melody and then sign-off. Nice signal today. (Edward Kusalik-Alb-CAN/DXplorer)

GREECE Voice of Greece B10 schedule via Alokesh Gupta in Cumbre DX shows the Radio Filia relays on 11645, Albanian 0500, English 0600, French 0700, Spanish 0800, German 0900, Russian 0930 however on November 1 they were on 12105 at 0710 with French programming, Spanish noted at 0800. (Mike Barraclough/World DX Club) The weekly English programme from Voice of Greece "Greek in Style" confirmed Sunday 31 October starting at 0900, not 0905, on 9420 and 15630 with an excellent

programme of Greek music, although I do wonder whether a broadcast which consists of a quick opening announcement "Hello, I'm Angelica Timms and this is Greek in Style dedicated to Greek music" followed by an hour's back-to-back music and not even a goodbye at the end, really qualifies as an English programme. (Alan Roe/WDXC)

GUAM 5765 USB, **AFN**, 1207, Nov 3. "Mainstream Country", produced by Dial Global, with Rick Morgan's show "Morgan in the Morning"; C&W songs, as opposed to the usual AFN SW programming of mostly news/talk and feature bits. NOT // 4319 USB (AFN Diego Garcia), except when they both were // from 1300 to 1306 (news); then back to C&W songs; some military PSA (these were not // either). So what is happening here? This was their first day back after being off the air for maybe a week. In the past was ALWAYS parallel to AFN Diego Garcia, with the usual format of news/talk and feature bits. It will be remembered that AFN Pearl Harbor suddenly changed their format away from the usual AFN format, over to a music format, back in 2009. Shortly thereafter they went off the air, not to be heard again. AFN website shows Pearl Harbor as "Out of service for an indefinite period". We can only hope that history does not repeat itself with Guam! (Ron Howard/NASWA Yahoo Group)

GUINEA 4900, **Familia FM**, Timbi Madina, 1942-2004, 05 Nov'10, Vernacular, talks, French at 2000 for a news bulletin; 35332; better on 6/11 at 1815.

7125, **R. Guinée** still silent on this fq or did they move to some other fq above 7200? (Carlos Gonçalves - POR/Shortwave Bulletin)

HUNGARY Tent winter B-10 schedule of **Hungarian R** in Hungarian:

0200-0300 6100 JBR

0500-0600 3975 JBR

1100-1200 6025 JBR

1700-1800 6025 JBR

2200-2300 3975 JBR

(R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Oct 30)

INDIA 4760.00, **AIR Port Blair**, 0010-0020, Nov 02, local songs and ann in vernacular, 25332. (Petersen). Also heard at 0029, Nov 02, ID in Hindi, followed by Hindi songs, 35333. (Gupta). Heard at 1615- 1625, Oct 18, music, talks, 15321. (Mille/DX Window)

4775.01, **AIR Imphal**, 2352-2400, Oct 23, early broadcast of Bollywood romantic

songs, vernacular ann, 45444. (Petersen/DX Window)

4840, **AIR Mumbai**, 1430-1447, Nov 04, Hindi, sounded like starting news at 1430, very poor. (Sellers). Also heard at 1653-1718, Nov 10, Indian music on sitar, 25322. (Méndez and Mille). And at 0117, Nov 15, romantic pop song, animated discussion in vernacular. (Bell/DX Window)

4920, **AIR Chennai**, *2258-0052, Nov 04-05, Early sign on with Vande Mataram Hymn, Tamil ann, twice ID and Indian string music, 53544 QRM Xizang PBS in Tibetan. (Bell and Petersen). Also heard at 1422-1434, Nov 04, Indian vocals. Another station in background presumed to be Tibet. Fair-good. (Sellers). And at 1657-1727, Nov 02 and 10, Indian music on sitar, English talk, 24322. (Méndez and Mille/DX Window)

4950, **R Kashmir**, Srinagar, 1533-1545, Oct 20, English news and talk about the trade cooperation between India and Japan, QRM from a Chinese speaking station (probably Voice of Pujiang, China), 32432. (Dritsas). Also heard at 0149 -0201, Oct 28, Hindi/Kashmiri (listed) talks alternating short music, heterodyne (from Angola? Ed), 33433 (Otávio/DX Window)

4990, **AIR Itanagar**, 1338, Nov 3. Back on the air again after being off for a while. Reception better than last heard; non-stop indigenous chanting/singing; 1400 switched to subcontinent music; 1415 the usual news in Hindi followed by the news in English and "Now the weather forecast", along with temperatures; 1430*; carrier stayed on till 1435 tuned away, so was a very early sign off, unless the audio came back on again. After 1430 assume I was hearing a very faint PBS Hunan. (Ron Howard/NASWA Yahoo Group) 4990, **AIR Itanagar**, *0020-0100 fade out, Nov 08 and 14, **AIR IS**, Hindi ann "Vande Mataram", Vande Mataram hymn, ann in local language, Indian instrumental music, 0030 and 0045 probably news in local languages, 0040 vocalist and choir singing, 35323. (Petersen/DX Window)

INDONESIA 7289.883, **RRI Nabire**, 0922, on well-past 0830v s/off with nice local vocals and scant talk by male announcer. 1 Nov. (David Sharp, Australia via Wilkner)

IRELAND 6.960 MHz, **Atlantic Radio**, 10-30-2010, @1205-1231, 24322. Atlantic Radio should be considered a Pirate Radio operation. I received a full data QSL via the mail in 11 days. The program consisted of pop music and talk about local events in

Ireland. During the broadcast I had real time email communications with the station via the contact tab on the URL: <http://www.atlanticradio.ie/>. The verifying signature on the QSL was Stephen Prendergast he is also the person I had communications with at the station via email. The QSL stated that they were running 70 watts it looks like their intention is to put out 250 watts after the testing phase is completed. This station came to my attention via the Pirate Report logs in the Journal. My thanks to Brian Alexander and Chris Lobdell for their log submissions on this station. A little more info on Atlantic Radio: <http://radioenthusiasts.blogspot.com/2010/07/arc-newsflash-atlantic-radio-ireland.html>. (Mike Rohde-OH)

IRAN 3965, *VOIRI*, Zahedan (500 kW), 0150-0227*, Nov 07 and 09, Urdu talk, music and ann, 45444. Scheduled B-10 acc. to HFCC: 0130-0227. (Petersen/DX Window)

JAPAN 3945, *R Nikkei 2*, Chiba-Nagara, 0826-0845, Su Oct 31, non stop soft pop, romantic music selections seemingly always same female singer in English. By some heterodyne, Vanuatu must be underneath weak, 25332. (Otávio/DX Window)

9595, *R Nikkei 1*, Nagara, Chiba, Tokyo, 0658, Oct 09, male interviewing female in Japanese, right through top of the hour, music clips, advs, good. (Bell/DX Window)

JORDAN 11960, *R. Jordan*, Al-Karanah. 0445-0500* in Arabic which sounded part of the news, followed by a short religious sounding message, good reception, end TX at 0500, 6/10. (Kecskes/ARDXC)

KAZAKHSTAN 6225, *Bible Voice Broadcasting* via Alma-Ata. On Nov 9 at *1405-1420*. Broadcast in the Cantonese Language with opening announcements, IF for BVB, into religious program, off at 1420, with ID and web site for BVBN and promotion for the 'Final Chapter' series. Also heard the English BCB on the 6th from 1410-14:35* with male preacher in EG, gave the website at the end, sign-off melody. (Edward Kusalik/DXplorer)

"Orthodoxy Voice". Automatic translation ... Dear Listener, Radio station RADIO-AGENCY-M in Alma-Ata informs us that for the reason unsatisfactory audibility of frequency 7430 kHz during winter time, an announcement Our transfers it will be carried out on frequency 7515 kHz with [from] 31 Oct 2010. Please check up quality

of audibility of this new frequency and, on possibilities, for comparison that occurs on former frequency in those hours. When we broadcast. We thank you and it is warmly welcomed. (sent Dmitry Kutuzov, Ryazan-RUS / "open_dx", RUSdx Oct 17)

I can confirm that now transfers [transmissions] "Orthodoxy Voice" are conducted on Tuesdays and Fridays in 1430-1500 on frequency 9950. Through a transmitting centre in Alma-Ata. Orthodox programs are broadcast. In a coming nearer winter season the station plans to use frequency 7515 in 1530-1600 also on Tuesdays and Fridays. 7515 at 1530-1600 to zone 30S via Almaty with 200 kW at 312 degrs. (Igor Jaremenko-RUS, Novosibirsk / "open_dx" RUSdx Oct 17)

Winter B-10 schedule for *Voice of Orthodox* in Russian:
1530-1600 7515 A-A Tue/Fri (R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Nov 1)

KOREA (South) 6015, *KBS Hanminjok Bangsong 1* (presumed) via Hwasong, 1312-1406, Nov 18. Very rare to find this in the clear (no jamming) for about an hour! In Korean; mostly two men & a woman in conversation; on air phone calls; pop and traditional Korean songs; ToH two sets of pips heard (Korea and China); almost fair; underneath very light QRM from PBS Xinjiang (// 4330); rechecked at 1414 to find them totally covered by N. Korean jamming. (Ron Howard/NASWA Yahoo Group)

KYRGYZSTAN 4050.05, *R Rossii*, via Bishkek, 2345-2355, Oct 23, Russian ann and traditional Russian folksongs by a choir of men, 55344. No sign of R Verdad on 4055. (Petersen/DX Window)

LIBERIA 3960, *Star R*, Monrovia, 0440, Oct 23, but 0503 was silent. (Otávio). A weak carrier heard here at 1845, Oct 30, but no audio. (Petersen/DX Window)

LITHUANIA Winter B-10 of 100 kW Sitkunai Relays:
0100-0158 9480 *R. Free Asia* Uyghur
0430-0458 5980 *R. Japan* Russian
0630-0728 9770 *IRIB* Italian
1000-1058 9690 *R. Free Asia* Tibetan
1430-1528 7420 *IRIB* Russian
1530-1558 3955 *HCBJ* Russian Sunday
1600-1628 3955 *HCBJ* Chechen Sunday
1630-1728 3955 *HCBJ* German
1730-1828 3955 *IRIB* German
1830-1928 6115 *IRIB* French

1930-2028 6115 *IRIB* English
2030-2128 6055 *IRIB* Spanish
2300-2358 9875 R. *Free Asia* Tibetan
(R Bulgaria DX Mix News, Ivo Ivanov, via
wvdx BC-DX TopNews Nov 1)

LAOS 4412.80 *LNR* Sam Neua. 1124, heard at the best level in a long time! Nearly S9+40dB with decent modulation. Nice local music with occasional comments 2/10. (Sharp/ARDXC)

MALAYSIA *Radio Free Sarawak* goes on the air. Media Network, 15 November by Andy Sennitt: Radio Free Sarawak, aimed as an alternative voice for Sarawakians, went on air this morning. In an e-mail to Free Malaysia Today, the Bruno Manser Foundation, said that the new alternative radio station will have two daily broadcasts on shortwave, presumably in Iban and Bahasa Malaysia. "It aims at Sarawak's rural communities who lack access to independent media, stated the e-mail. It is an open secret that the media in Sarawak are strictly controlled by the state government under Chief Minister Abdul Taib Mahmud and logging companies who own and control all major media outlets in the state.

The transmission details of Radio Free Sarawak are as follows: 1st transmission: 0630-0730 local time (2230-2330 UTC) on 7590; 2nd transmission: 1800-1900 local time (1000-1100 UTC) on 15680.

The e-mail had also attached a message from the producers of Radio Free Sarawak. Below is the message: "Please send the details to all your Sarawak friends so that they know the existence of the radio-which will become an alternative news source to the Sarawakians, especially to those who stay in the interior. The folks in the interior have been fed with monotonous one-sided views from the ruling parties - if at all they can receive the TV and radio transmissions. So they need another avenue - and Radio Free Sarawak intends to fill in this gap." (Source: www.freemalaysiatoday.com)

Andy Sennitt comments: If anyone knows the transmitter site(s) being used, please advise us. There is nothing in the current HFCC database that appears to match the above schedule. On this page <http://www.barubian.net/2010/11/radio-free-sarawak.html> the power of 7590 kHz is listed as "100 or 200 kW," and this page <http://hornbillunleashed.wordpress.com/2010/11/15/11885/> says "the broadcast is being transmitted out of London," but this

probably refers to the production facility rather than the transmitting site. (BDXC via DXplorer)

Could hear 15680 1000-1100 via GlobalTuners Hong Kong receiver this morning (16 Nov) though not audible here in UK. This broadcast is from Palau as it could also be heard on the WHRI website www.whri.com streaming audio on their Angel 4 transmitter Real Audio link. (not sure where 7590 transmits from yet) (Alan Pennington/BDXC via DXplorer) 7590 Radio Free Sarawak (T). Tentative reception on the 17th from 2304 to 2330*. Noted initially with a very unstable signal, fluttering at s5 to s6 level; but virtually any distinctive audio. Managed to catch a female speaker in unidentified language at 2306, musical melody at 2310. Most of the program was bits and pieces of few words here and there, male speaker, again unidentified language, at 2316, orchestra melody (or anthem at 2327). 2329 female speaker with talk or possible sign-off announcements as there was a short slogan just prior to the station going off the air at 2330. This station appearance may improve but hopefully some one on the west coast can positively identified if it's them..Walter ? ..Guy ? (Edward Kusalik-Alberta/DXplorer) Logged here in Northern Sweden on 7590 Nov 18 at 2221 when a carrier was switched on. At 2230 a long and clear ID in Bahasa Malaysia. Signal was a solid S9+. (Arne Nilsson/DXplorer) Today (Nov 19) just remembered to check 7590 at 2329 with about 30 seconds to spare... several Radio Free Sarawak ids, mention of web site RadioFreeSarawak.org, om mention "to stay with us every day from 630am right up to 730 am in the morning", 1 khz tones and s/off 2330. Good signal, no interference. Antenna (log) was at ~340 deg, no time to check if another direction (i.e. long path) might have been even better. (Don Moman, Lamont, AB/DXplorer) R. Free Sarawak -- I checked 7590 on Nov 19 at around 2227. The freq was clear at t/in and a station came on at 2230 with presumed opening anmts by a man. The signal was poor and couldn't identify lang but seemed to be English later on. Prgm consisted mostly of discussion by a man. Signal came up around 2320 and a second man joined in the discussion, maybe a phone caller, with mention of "government." Closing anmts at 2328 with "Radio Free Sarawak" hrd, other anmts, tone, then off 2330*. ID can be heard in the clip at 00:00:36. (Herkimer, NY/DXplorer) 7590 Radio Free Sarawak. Massive carrier came on at 22:22 hrs, by 22:28 the signal was fully modulated. The station signing on 22:30:40 with mid-

program, Male speaker with possible ID, then into news summary. This was followed with an interview discussion, again noticed the audio dropping off at times, around 2234, catching a selection of music at 22:45 but signal just marginal now....possible the Group up at Don Moman Get-together may have better luck than I'm having.....at 2252 audio came back again at being off for several minutes...nice selection of music with a group...any one else noticing this? (Edward Kusalik-Alberta/DXplorer) Noted at French Creek @ 2230-2330 with fair signal. (RAD)

MALI 5995, *R. Mali*, Kati, 2100-2124, 17 Oct'10, Vernacular, talks, French at 2103 UT for a prgr announcement & ID, more talks and what seemed like chanting; 54433, audio with different levels; QRM de RFE in Belorussian until 2100. (Carlos Goncalves-POR, wwdxc BC-DX TopNews Oct 19)

MAURITANIA 7245, *R Mauritanie*, Nouakchott has replaced 4845 mornings and evenings! 0605-0715, Oct 23 and 30, heard with talks in Arabic and soporific wakeup chanting rather like RASD on 6297, and like we used to hear on 4845, 33333. But on Oct 24, 25 and Nov 01 at 0600-0607 neither on 7245 nor 4845. (Hauser, Otávio and Petersen /DX Window)

MOLDOVA Winter B-10 schedule of *Radio Payem e-Doost* in Farsi: 0230-0315 7460 KCH
1800-1845 7480 KCH
(R. Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Nov 1)

MONGOLIA 4830, *Mongolian R*, Altay, *2258-0015, Nov 03 and 04, IS, Mongolian ID and music, back to normal strength after some months with reduced power, 35434 // 4895 (35333). (Petersen/DX Window)

MYANMAR 5985.0, *Myanma Radio*, 1430, Nov 18. In vernacular, with indigenous music. On Nov 15 also noted them on 5985.0 at 1321, but by 1329 they had switched transmitter sites and were on their normal 5985.83. Have seen a number of reports recently indicating that the Myanmar off frequency transmitter is located at Naypyidaw (also spelled Nay Pyi Taw or Nay Pyi Daw, take your pick). Believe that is wrong. Think it is generally agreed that the off frequency one is the old transmitter located at the former capital, Yangon, and that the exact frequency transmitter that I heard today is the newer one located at the new capital, Naypyidaw. (Ron Howard/NASWA Yahoo Group) 5985.86

MRTV, Yangon. 1128, noted as het against Unid. on low side and presume Nay Pyi Taw site, due to unstable, warbly transmitter. Fair with local vocals and scant comments by announcer. Best in USB. 15/10. (Sharp/ARDXC) 5985.8, Myanma R, Yangon, Yegu, 2344-0009, Oct 13, 28 and 30, female speaker in vernacular, local version of US pop song, fair. (Bell and Bernardini). Also heard at 1556, Oct 21, music with marginal signal. (Liangas/DX Window)

The military regime in Myanmar suddenly has changed the official name of the country from "Union of Myanmar" to "The Republic of the Union of Myanmar" a few weeks before the Parliamentary Election on Nov 07. At the same time the official flag and the National Anthem will be changed. The military has been in power since 1962 and changed the official name from Burma to Myanmar in 1989. (Reuters Oct 21/DX Window)

OMAN 15140, *Radio Sultanate of Oman*, 1435, English, news by a man, ID, into easy-listening pop music (including "The Power of Love"). Weak and fluttery signal. 5 Nov. (David Sharp, Australia via Wilkner)

PAKISTAN *Pakistan Broadcasting Corporation* ("PBC"). Frequency Management Cell, PBC Hqrs, Islamabad, Pakistan. HF Broadcast Schedule B-10 effective from 31 October 2010 to 26 March 2011. English to Middle East and Urdu to Western Europe:
7510 at 1600-1615 English
11575 at 1600-1615
17700 at 0830-1104 Urdu
9340 at 1700-1900
7530 at 1700-1900 (PBC via ADDX Andreas Volk-D, Oct 18, via wwdxc BC-DX TopNews)

PAPUA NEW GUINEA 3915 *R. Fly*, Tabubil. Soft but fair with some rumble in probable EE, 1940 on 5/10 (Hellyer/ARDXC)

5960 *R. Fly*, EE pop songs, Pidgin anns, with ID's at 0950, 1000. Fair level with fading and noise on 11/10 (Allen). Very good level big difference to Sydney were poor 1305 20/10 with a hour long selection of songs non-stop (Wright/ARDXC)

PERU 4789.96, *R Visión*, Chiclayo, 0435-0550, Oct 30 and 31, preacher speaking to audience in Spanish, 25433. (Méndez and Petersen). Also heard at 0755-0810, Oct 30, rustic songs and frequent IDs, 35433. (Cody)

4955.00, *R Cultural Amauta*, Huanta, 2235-2310, Oct 22 and 30, fading in with Spanish talk by various people, 2259 orchestral music, 2300 ann and light music and songs, more animated talk, 35433. (Cody and Petersen)

4974.79, *Pacifico R*, Lima (t), 2325-2335, Oct 29, Spanish talk, extremely weak, 15111. (Petersen). Also heard at 0650-0700, Oct 21, religious songs, 25432. (Cody)

4986.4, *R. Manantial*, Huancayo, 2239-2253, 05 Nov'10, Quechua, rlg. propag., Indian songs to match, webpage announcement in Castilian; 35433, better than B on 4985 which is typically v. strong. (Carlos Gonçalves - POR/Shortwave Bulletin)

5120, *R. Ondas del Suroriente*, Quillabamba, 0046-0056, 05 Nov'10, Quechua, but also bits in Castilian, talks, seemingly messages; 34342. (Carlos Gonçalves - POR/Shortwave Bulletin)

6047.23, *R Santa Rosa*, Lima, 0001-0006*, Oct 08, pastor in Spanish with responses, Santa Marias, electric organ and song of praise, abruptly off, good signal heard for the first time, seemed like the power was temporarily boosted. (Bell)

6173.8, *R Tawantinsuyo*, Cusco, 0020, Oct 08, Spanish ann, music clips, huaynos, fading in. (Bell)

9720, *R Victória*, Lima, 0610-0655, Oct 30 and 31, religious programme in Spanish with talks by infamous preacher David Miranda in Portunhol (crossing of Spanish X Portuguese) "ó Cristo de la glória", ann ID on 5th Symphony // 6020, at peak 35322. (Méndez and Otávio) [Unless otherwise indicated, all above from DX Window]

PORTUGAL RDP Internacional for North America in Portuguese effective Oct 31:
1300-1700 on 15560 Sat-Sun
1700-1900 on 17820 Sat-Sun
1900-2400 on 12040 Sat-Sun
0000-0300 on 9455 Mon-Sat
RDP seeks reception reports to Paula Nunes Teixeira at paula.teixeira@rtp.pt or Av. Marechal Gomes da Costa, No. 37, 1849-030 Lisboa, Portugal. (Station Direct and Rob Kivell)

PRIDNESTROVIE (Moldova) 6240, *Radio PMR* at 2230 with a man with "This is the next analytical program of the Radio PMR" and into news then contact info at 2244 and "Radio PMR on the air" and into local

music - Very Good Nov 3 - new time and longer program - 30 minutes per language vs. 15 minutes in A10. Plus, just before 2200 they have a rousing national anthem. I was a regular listener before and think that this one is now really well worth listening to. (Mark Coady/NASWA Yahoo Group) English now at 1830-1900, 2030-2100 and 2230-2300 Mon-Fri. (RAD)

ROMANIA Frequency change of *Radio Romania International* in English:
0100-0156 NF 7325* GAL, ex7330 // 6145 GAL

* co-ch VOA in English (R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Nov 9)

RUSSIA Winter B-10 schedule of *Tatarstan Wave* in Tatar/Russian from Samara:

0510-0600 15105

0710-0800 9410

0910-1000 11610

(R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Nov 1) opens some 20 minutes earlier with test tones and carrier...(wb)

Yakutsk transmitter registered for domestic services in B-10 2000-1600 on 6150 7140 7200 7230 7410 and 7440. (Sei-ichi Hasegawa, Japan via Wolfgang Bueschel) Carries *Radio Rossii* East Siberia service and regional programming, can be heard in the UK winter mornings around 0800. (Mike Barraclough) 7230 regular now in the mornings, but 7200 seems to be absent. (Olle Alm, Sweden via Wolfgang Bueschel) Radio Krasnoyarsk heard on 6085 at 1631 with jazz, identification "V effiri Krasnoyarsk", SINPO 24332. (Patrick Robic, A-DX via Wolfgang Bueschel/World DX Club)

SAUDI ARABIA Continental Electronics this summer announced it will supply four 250 kW HF DRM-ready transmitters and associated equipment to the Saudi Ministry of Information (MOI) through First Gulf Company of Riyadh. Firs Gulf will construct a new HF facility consisting of transmitters, antennas and other equipment, to be installed at the existing Al Khumra site, outside Jeddah. The Al Khumra facility was first constructed by Continental Electronics, and its civil contractor, between 1978 and 1980. The new HF facility will be in addition to multiple 2-megawatt and 1-megawatt medium-wave systems, also using transmitters from Continental. The station is to be operational by mid-2011. (Radio World)

15250, **BSKSA**, Riyadh. 1148-1229* November 13, 2010. English Service, the first decent log I've ever had from this. Tune-in to discussion on businesses. News by youthful-sounding female from 1200, mostly mid-east focused, till 1208. Then into "Lesson From the Prophets" program with male discussing Haj pilgrimage process for those coming from Syria, Yemen, Lebanon, "... brothers and sisters of Islam... They are welcome Moslems..." opening and closing of segment with birds and running water sound effects. Next up was "Network Journal" with another guy discussing "the Haj flu" as he dubbed it, and tips on staying healthy when in contact with large groups of people (including gargling with Listerine or Scope -- isn't that all bad since it contains alcohol?). Then discussing famous people who, upon earning their first millions, gave back to their community. Abruptly off at 1229, mid-sentence. Clear and good. (Terry L Krueger/DXplorer)

SINGAPORE This news appears in this web site of Radio Nederland <<http://blogs.rnw.nl/medianetwork/radio-australia-to-use-kranji-relay-from-next-week>>: "**Radio Australia** to use Kranji relay from next week November 18th, 2010 - 10:01 UTC by Andy Sennitt. Radio Australia has been granted access and use of the Kranji shortwave relay station by Singapore's Media Development Authority (MDA). Starting Monday 22 November two transmissions per day will be relayed to Burma and China: Burmese: 0100-0130 on 11780 340deg 250kW and English: 1100-1300 on 6140 13deg 250 kW. Reception reports would be appreciated from those living in the target areas. The address is: Radio Australia, GPO Box 428, Melbourne 3001, Australia. Or via the Radio Australia website. (Source: Radio Australia via Mike Bird via Manuel Méndez, Spain/EDXP)" The information given in the Media Network item is incomplete and misleading. The correct engineering information for the planned usage of Kranji shows start-up date as Dec 1, not Nov 22 as published, and output powers are all 100 kW (not 250 kW). 5955 100 kW 2300-2330 340 degrees Burmese - parallel with Dhabayya, UAE; 6140 100 kW 1100-1300 13 degrees English; 9655 100 kW 1600-1630 340 degrees Mandarin; 11780 100 kW 0100-0130 340 degrees Burmese. The third-hand source of the MN information is a private individual, not an employee of the ABC. (Bob Padula/EDXP) Widely reported commencing Nov. 22nd; 1100 transmission blocked by Cuba. (RAD)

SLOVAKIA Winter B-10 of **NEXUS IBA IRRS Shortwave** from Milan, Italy: 0300-0600 NF9670* MIR Ara/Eng Daily 0900-1000 9510! JOY Eng/Ger 1st Sat 0900-1000 9510! WOR+DXPL+Mx 2nd Sat 0900-1000 9510! CIT English 3rd Sat 0900-1000 9510! WOR+DXPL+Mx 4th Sat 1030-1300 9510! EGR English Sun 1400-1700 15710# MIR Ara/Eng Daily 1900-2000 7290^ EGR English Sun-Fri 1900-2000 7290^ WOR+Mx+DXPL Sat

! plus carrier 9510.9; * ex 7385 eff. from Nov.9; # not register.1500-1800; ^ del. 1900-2100 Fri-Sun. "Station" keys: CIT=Radio City; DXPL=DX Party Line; EGR=European Gospel Radio; JOY=Radio Joystick; MIR=Miraya FM Radio, Sudan; WOR=World of Radio. (R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Nov 9)

Another frequency change of IRRS# to Eu/ME/NoAF fr Nov 13: 1900-2000 NF 6090, ex 7290 to avoid VORWS in English. # European Gospel Radio in English Sun-Fri; # World of Radio + Music + DX Party Line Sat. (R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Nov 13) Your letters and comments on our programs are always welcome by email at: reports@nexus.org or by snail mail to: IRRS-Shortwave, P.O.BOX 10980, I-20131 Milano, ITALY (Ron Norton-ITA, NEXUS)

SOLOMON ISLANDS 5020, *Solomon Islands BC*, Honiara. Nov 01 at 0837-0845 Pop music, male in English talks. Unreadable, splash QRM of Brazilian 5035, 32432; Nov 02 at 0810-0824 English talks by male and female "investigated and arrested ... complex investigation. Program tonight..Honiara..Solomon Islands", canned male on music. From 0821 signal started to decline, at peak 33333. (Lúcio Otávio Bobrowiec, Brasil via Wilkner)

SOUTH AFRICA Select broadcasts B10 from Sentech/Meyerton:

Channel Africa
0300 0400 3345 English
0300 0400 6120 English
0400 0700 7230 English
0600 0700 15255 English
0700 1600 9625 Eng/Nya/Lozi/Port
1500 1600 17770 Swahili
1600 1700 15235 French
1700 1800 15235 English

Radio Sonder Grense
0000 0500 3320 Afrikaans
0500 0700 7285 Afrikaans
0700 1800 9650 Afrikaans

1800 2400 3320 Afrikaans

RTE

1930 2030 6225 English/Other

SRI LANKA SLBC with their English/Hindi program "Radio Ceylon Calling Out to India" from 1530-1630 is now in the clear on 11905 at weekends, and presumably after 1555 on weekdays, as Portugal has vacated this frequency for the B-10 season. Audible from sign-on, although quite a weak signal strength here October 31. (Alan Roe/World DX Club)

SUDAN On Oct. 30, Sudan's National Intelligence and Security Services raided a Khartoum office shared by *Radio Dabanga* and Darfuri human rights activists, arresting 13 people. According to Radio Dabanga's Dutch-based director, Hildebrand Bijleveld, the detainees are being held incommunicado in unknown locations. Radio Dabanga's broadcasts from Darfur in recent months painted a disturbing picture, with reports of civilians fleeing the government's aerial bombardments in the Jebel Marra area; the massacre of dozens of civilians at a market in Tabra; government restriction of aid agencies' access to Kalma, one of the largest displacement camps; government obstruction of UNICEF's reporting on child malnutrition rates; continuing sexual violence; and fatal clashes among Arab fighters. Radio Dabanga is usually alone in issuing such reports. (Washington Post - Slaen/DXplorer)

SWAZILAND *Trans World Radio* - Manzini, Swaziland. English Broadcast Schedule B-2010 effective from 31 Oct 2010 to 27 March 2011:

3200 at 0255-0325 Sunday
3200 at 0430-0500 Mon-Fri
4775 at 0430-0800 Mon-Fri
4775 at 0500-0800 Sat-Sun
6120 at 0502-0800 Daily
9500 at 0500-0800 Daily
6025 at 1525-1555 Sat-Sun
3200 at 1700-2000 Daily
3200 at 1700-2030 Sat (via ADDX Andreas Volk-D via wwdxc BC-DX TopNews)

HCJB Global Technology Center in Elkhart, Ind., successfully repaired and upgraded a 50 kW SW transmitter for use by Trans World Radio (TWR) in Swaziland. The transmitter was shipped to the US a couple of years ago. Last spring a final test went wrong and the transmitter was damaged, but technicians succeeded in create new documentations notwithstanding it was a prototype with Serial No. 1, and the original

documentation from the manufacturer had been lost. On Oct 20 the transmitter was finally shipped to Africa. It is scheduled to arrive at TWR's site before Christmas. The delay did help the engineers correct some problems in components that were not part of the upgrade. The changes will also improve the reliability and maintainability of the transmitter in Africa, HCJB says in their weekly newsletter. HCJB Technology Center is now working on a 100 KW transmitter to be refurbished for HCJB Global-Australia's international broadcast facility in Kununurra. (Cobisi, Nov 14/DX Window)

THAILAND *Radio Thailand* B10

0000-0030 English 13745 US-East *Live
0030-0100 English 13745 US-West *Live
0100-0200 Thai 13745 US-West
0200-0230 English 15275 US-East
0230-0330 Thai 15275 US-East
0530-0600 English 11730 Europe-Africa *Live
1000-1100 Thai 12040 Middle East
1100-1115 Vietnamese 7255 Asia-Pacific
1115-1130 Khmer 7255 Asia-Pacific
1130-1145 Lao 7235 Asia-Pacific
1145-1200 Burmese 7235 Asia-Pacific
1200-1215 Malaysian 11870 Asia-Pacific
1230-1300 English 9720 Asia-Pacific
1300-1315 Japanese 7465 Asia-Pacific
1315-1330 Mandarin 7465 Asia-Pacific
1330-1400 Thai 7465 Asia-Pacific
1400-1430 English 9725 Asia-Pacific
1800-1900 Thai 7570 Europe
1900-2000 English 7570 Europe
2000-2015 German 9535 Europe
2030-2045 English 9535 Europe
2045-2115 Thai 9535 Europe

Radio Thailand, World Services (HSK9), Public Relations Department, Royal Thai Government, 236 Vibhavadi Rangsit Road, Din Daeng, Bangkok 10400, Thailand. E-mail: english@hsk9.org. (Alokesh Gupta/ARDXC mailing list)

TURKEY Winter B-10 English schedule for *Voice of Turkey*:

0400-0455 7240 9655
1330-1425 11735 12035
1930-2025 6050
2130-2225 9610
2300-2355 5960

(R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Nov 9)

UGANDA 4750 *Dunamis Shortwave*, Uganda. 1830, fair with a mix of English religious programs and hi-life. Obliterated by sudden China sign-on at 2000. 24/9. (Sharp/ARDXC)

4975.98, **UBC R**, Kampala, 2050-2218*, Th Oct 21, another late broadcast in English/vernacular with deep voiced DJ taking phone calls and playing English pop music incl. "Don't give up!". Abrupt sign off at 2218* in the middle of an evergreen about California, 35333. Also heard late on Fr Oct 22 at 2250-2300 with similar programme, but also a slight heterodyne, 34433. (Petersen/DX Window)

URUGUAY I can confirm that only two stations are active: 5790v *Em. Chaná*, Tacuarembó (unofficial) and 6125 *R Uruguay* (SODRE), Montevideo (hrd during daylight). (Horacio A. Nigro, Uruguay/DXplorer)

UZBEKISTAN CVC B10 The Voice Asia in Hindi from Tashkent
0000-0400 on 6260
0100-0400 on 9975
0400-1100 on 11805
1100-1400 on 9500
1400-2000 on 6260 (Alokesh Gupta/ARDXC mailing list)

VANUATU 3945, R. Vanuatu, Port Vila. November, 03 at 0813-0823 male and female in English talks; 25322. November, 04 at 0812-0822 female in English talks segment, music with reggae beat, female announcements, English Pop music. 25222. November, 07 at 0755-0806 male in English talks "united nations...short wave...Australia", Pacific music. 34433. (Lúcio Otávio Bobrowiec, Brasil via Wilkner)


5055, A friend in Port Vila tells me that one of the shortwave transmitters is currently off air with technical problems. That is the one on 5055. A technician from Radio New Zealand is due to arrive this week to look at the problem and get the transmitters running at full power. (William Hague-AUS, NWDXC Oct 24/TopNews)

7260 and 3945, both frequencies heard tonight (Nov 15). 7260 only fair while 3945 very weak and only ID'd because its // with 7260. English ID "Radio Vanuatu at 0930. (Don Rhodes, Australia/EDXP)

ZAMBIA CVC-1 Africa B-10 English schedule effective 31 October, 2010 for transmissions via Lusaka Makeni Zambia:
9430 at 0400-0600
13590 at 0600-2000
9505 at 2000-2200
4965 at 1700-2200
(wb, wwdxc BC-DX TopNews)

ZIMBABWE Police in Zimbabwe's Matabeleland South province have been raiding non-governmental organizations and visiting homes demanding the surrender of wind-up short-wave radios associated with the Voice of America's Studio 7 program for Zimbabwe. Civic activist Jastone Mazhale, chairman of the Gwanda Agenda, said police on Thursday visited his office and questioned him over the radios. Mazhale said the police officers indicated they were acting on orders from police headquarters in Harare. Police are said to have raided households suspected of possessing such radios. Wind-up short-wave radios have been awarded to Studio 7 listeners in promotional contests and drawings, most recently in connection with Studio 7's LiveTalk call-in program. Mazhale told Studio 7 that the effort to confiscate radios was an attempt to silence dissenting voices as the country braces for possible elections next year. "They want people to listen to negative propaganda broadcast by the state-controlled Zimbabwe Broadcasting Corporation linked to ZANU-PF," he said. (VOA News via Slaen/DXplorer)

WINTER SWL FESTIVAL The club's 24th annual Winter SWL Festival will be held 4-5 March 2011 at the Doubletree Guest Suites in Plymouth Meeting, PA. This is a new location. The change in venue will enable the FEST to continue many of the traditions that have contributed to its long-standing popularity, including a full complement of forum sessions, the Hospitality Room, the Silent Auction, and the Saturday Night Banquet and Raffle. For those who choose to stay at the Doubletree, your room rate now includes a full breakfast for each day's stay. Hotel reservations should be made directly with the Doubletree at 610-834-8300; a special \$89 room rate is available but you must mention the "Winter SWL Fest" rate to get this special price. Updates and additional information will be posted at the FEST website, <http://www.swlfest.com>, and will also be available in the Journal as the FEST approaches. (Cuff/Figliozzi)

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 

Pirate Radio Report

Mike Rohde • 2615 Willow Glen Road • Hilliard, OH 43026 • hfpirates@gmail.com

Welcome to the December issue of the Pirate Report. We are going to finish the interview with Commander Bunny but first a bit of pirate radio news.

On October 30, in the FRN forum Pat Murphy announced the creation of the North American Pirate Radio Hall of Fame. They have a nine member board of directors and have inducted seven pirates thus far. The web site looks great with lots of very cool information. So check it out. <http://sites.google.com/site/napiratehof/>

And now on to Part 2 of the Commander Bunny interview.

Is or was there any individual that inspired you?

No! Ape-humans don't inspire rabbits, rodents or any other species for that matter. Only ape-human, monkey-boys are inspired by other ape-human monkey-boys. I would say Albert Einrabbitt was an inspiration but that wouldn't mean diddley-squat to you monkeys!

How do you describe your programming or programming style?

Revolutionary! We want to inspire the ape-humans to realize that they have had over 250 years of ape-human, monkey rule, and that they need to turn to the Rodent Revolution for solutions and answers. I mean come on, you've had over 250 years of running things and all you have to show for it is Jesse Ventura and Sarah Palin?

Is there something in particular that you hope to accomplish with your operation or in short why do you do it?

Presidency of the United States and every ape-human, monkey-boy wearing Commander Bunny t-shirts, hats and of course Mouse Pads for every ape-human monkey-boy (and girl) in the world!

Which pirate stations do you enjoy listening to and why?

Pretty much any pirate on the air, is worth listening to. But my favorites currently are WHYP (glad JB is back on the air) Kracker and Radio Jamba Intl, MAC, Captain Morgan, OutHouse, WEAK, The Crystal Ship, Northwoods Radio, SYCKO (love that monkey), Radio Ronin, Iron Man, Voice of Next Thursday (which we relay), Radio Free Euphoria and WFUQ just to name some off the top of my bunny ears. All time favorites are KIPM (Maxwell will be back), Radio Garbonzo, Radio Free Speech, WKND and pretty much any station from one of Monkey-Andy-Yoders' books.

Are there any pirate operators/stations that you admire and why?

I admire all of them. Any Rabbit, Rodent or Monkey who has the guts to fire up a transmitter and put on a signal has my respect. But it goes further. The time and effort they put into making a program, answering QSL requests and dealing with the monkeys who infest pirate radio is OK in my book. It has always amazed and puzzled me why Pirate Radio attracts so many ass*****! Sorry no nice way to say it. It is absolutely the most fun you can have with a shortwave radio. Yet the selfish, two-faced morons seemed attracted to it, like bugs to a light on a summer night. Why do these people that want to take all the fun out of pirate radio, much less life, come running to Pirate Radio? You know the ones I'm talking about. "Oh, I know who so and so is and where they're located!" Why would someone want to expose the very people who risk everything to entertain you just to make monkeys think they know something? Never made sense to me! So to answer your question directly, I admire anyone who is a pirate and despise the slack-jawed, lip-drooling, knuckle-draggers who take all the fun out of pirate radio.

Let me remind ape-humans that they can get a WBNY Commander Bunny for President magnetic calendar by sending five first class stamps, and their return address to: WBNY - P.O. Box 1 - Belfast, NY 14711 Its "five" stamps because the calendar weighs more than a QSL card. In fact, I'll throw in a QSL card with your magnetic calendar.

Please visit our WBNY EBAY store by going to EBAY and typing in "Commander Bunny" where you monkeys will find a complete selection of t-shirts, hats and mouse-pads to class up that monkey cage you live in. Also visit the WBNY website at:<http://shortwavepirate.info/WBNY/>

And most importantly remember to VOTE on November 6th 2012 for Commander Bunny for President!

This interview was reviewed and approved for publication by Commander Bunny. Thank you Commander Bunny, for the opportunity to interview you. And thank you for all of the years of entertaining pirate radio that you have provided to us all.

And now to a great collection of logs!

Bust A Nut Radio, 6.960 AM, 10/04, 03:07-03:26, "Sultan's of Swing, "You Can Do Magic" poor signal (Kivell, FL)

Captain Morgan, 6.925 AM, 10/05, 23:27-23:41, "Nobody" comedy skit about Viagra. "Brown Sugar," "You Know What I Mean." Good (Kivell, FL)

Captain Morgan, 6.925 AM, 10/11, 23:40-23:39, Poor (Kivell, FL)

Captain Morgan 6924.3 AM 2125-2210+ 10/30/10 SIO=242-/141. Prgm of instr mx in a minor key w/plenty of howling and shrieking noises. Obviously a Halloween prgm. The only real semi-ID that I hrd was a "R. Eight" or similar ID by OM ancr at 2136. But, later in the prgm had plenty of signature Twilight Zone audio clips, so apparently this was Captain Morgan. Signal weak and finally faded out. (Zeller-OH)

Coyote Radio, 6950, 10/28 2346-2348 Poor (S4) signal just above the noise and SS QRM. Just caught id and email address (Majewski CT)

Germany Calling, 6940, 11/1 0042-01123* Excellent signal (S9+10). Propaganda, speech by Lord Haw Haw about Dunkirk World War II evacuation. Played German propaganda songs similar to forties big band songs. Some speeches in German played too. (Majewski CT)

Germany Calling, 6.940, 10/31, Recordings of WWII German foreign broadcasts, mostly popular '40 swing tunes with lyrics changed to propaganda messages. AM with sigs to 60dB and excellent audio, a most entertaining broadcast! (Parker-PA)

Germany Calling, 6.940, 10/31, 22:45-22:59, "Germany Calling, Germany Calling" German National Anthem" Good (Kivell, FL)

Hunk A Dunk Radio, 6925U *2225-2248* 11/14/10 SIO=242/242. Apparently new stn w/an odd prgm. Started out w/childrens' hot dog mx sort of like Hot Dog R. But, then went into old time commercials, including one for Chevrolet and one for Old Spice deodorant. Take Me Out to the Ball Game tune, into Abbott and Costello's "Who's on First" routine. A variety of standup comics made up the latter portion of the show. Gave numerous ID w/addr, but it was hard to tell if it was Hunk a Junk R. or Hunk a Dunk R. The aftermath of the prgm is that the actual ID appears to be Hunk a Dunk R. Addr is therefore hunkadunk6925@gmail.com. The OM appeared to realize that people were having trouble copying the ID, so he gave the ID numerous times. It was still hard to copy after all of the IDs. (Zeller-OH)

KIPM Relay, 6.930U, 01:20-01:31, 11/01, "The Shrinking Man", Very Good (Kivell, FL)

Outhouse Radio, 6.935 AM, 10/06, 01:08+, Twilight Zone Theme Song, poor, (Kivell, FL).

Outhouse Radio, 6925U *0002-0026* 11/13/10 SIO=242. Largely a prgm of

instr rock mx. Clear IDs by OM at 0006 and 0010. Signal level weakened toward the close. (Zeller-OH)

Radio Casablanca, 6939.7, 11/14, at 2220 in AM mode with Big Band Swing music and British WWII tunes then ID at 2224 as "This is Radio Casablanca" and e-mail Good (Coady-ONT)

Radio Euphoria, 6.925U, 10/17, 17:48, Station Id by operator, poor (Kivell, FL)

Renegade Radio, 6925U, 10/28 0111-0143* Poor (S5) signal The show was music by the likes of Poison, Van Haylen, Quiet Riot and Ozzie. Id at 0143 followed by Mission Impossible theme and off. At 0115, someone transmitted a SSTV signal over the show. It seemed like deliberate interference. (Majewski CT)

Victory Radio (Tenative), 6.926U, 10/21, 00:08-00:24, "When I Turn On The Radio" Good (Kivell, FL)

Voice of Doom, 6930U, 11/1 0008-0040* Fair/Poor (S6) A Halloween story by Frank Carter, The Thing Behind the Wall. Story about Morack of the dark dimension trying to get into our dimension through a prison wall by using a prisoner. Good story (Majewski CT)

WAHR, 6.925U, 10/31, 21:08-21:30, "Welcome To My World" "Who Dat?" lost signal 21:30 Fair (Kivell, FL)

WBNY Relay Service, 6900AM 10.30 2048-2113+ Fair signal (S8). I caught the show with a day more frightening than Halloween, Election Day. Did have scary sounds, Id as Voice of Halloween, VOH. WBNY Relay Service Id followed by a "Bunny in the Bushes Waiting for you" story. Listen up to the Halloween Love Mansion comedy bit by the Love Brothers. Interesting show. (Majewski CT)

WBNY, 6899.6, 10/31, 2114-2150 SIO=141. Very weak level w/reception only on peaks, best in USB ECSS. Parts of a couple of rock oldies "Witchy Woman" and "Haunted House" heard on peaks. Clear WBNY jingle

ID hrd at 2117. Signal improving very slightly by 2150, but given the fact that it was before sunset in Ohio, this one did not put out much of a usable signal. (Zeller-OH)

WEAK Radio, 6.960, 10/31, 2320-2326, with old horror movie trailers like "Back from the Grave" (Parker-PA)

WEAK Radio, 6.940U, 10/04, 00:07-00:25, "This communication has been monitored because of National Security, 15 milliwatts of power. Excellent Signal (Kivell, FL)

WEAK Radio, 6.960U, 22:28-22:32, 10/31, "It's A Brand New Bag" "I Wanna Bite Your Hand" "Wishing You A Merry, Creepy, Halloween" Good (Kivell, FL)

WFUQ 6925U, 11/6, *2058-2133+ SIO=353+ Prgm of Halloween mx and screeches, the Happy Halloween Song, the Adams Family theme, and Michael Jackson's "Thriller." Numerous IDs as "Fuck You Radio" and requests for repts on the FRN. I did file a rept on this logging, which was then acknowledged on the air. They admitted that the prgm was a week late for Halloween. (Zeller-OH)

WLDJ, 6.940U, 10/31, 21:44-22:09, "Welcome To My World" "I Know Your Going To Like It, Good, (Kivell- FL)

WLDJ, 6.930L, 10/19, 23:22-23:47, "Ain't No Cure For The Summer Time Blues" "There Goes The Last DJ" Poor (Kivell-FL)

WMPR, 6925U, 10/31, 1701-1751* SIO=242+. Various techno instr mx as usual, although the mx had sort of a Halloween theme and was not dance mx as is typical from this stn. Numerous "WMPR 6925 You're Invited" IDs by OM/YL. At a couple of minutes before QRT, an OM came on and ancd a SSTV digital test. Then there were two repeats of the SSTV digital signal. (Zeller-OH)

Wolverine Radio, 6925U, 11/7, *0123-0137+, SIO=242/141. Prgm of classic rock mx with a very weak signal. The signal got worse as time went by, but fortunately

there were clear IDs at peaks at 0125 and 0137. Much weaker signal than usual from this one. (Zeller-OH)

Wolverine Radio, 6950U, 10/31, 2346-0005* Poor (S4) Halloween Country songs like Honky Tonk Halloween. Id and then into SSTV. (Majewski CT)

Wolverine Radio, 6925U, 11/14, *0132-0252*, SIO=141+. Lengthy prgm of very old pop mx of 1940s vintage at first, and then into a prgm of rock and jazz later. "Help me 1-2-3" IS at open. Multiple clear IDs by OM. Weaker signal level than is usual from this one. (Zeller-OH)

Euro Pirates

Cupid Radio, 15070.41, 11/7, 1450-1520+, tune-in to SSTV followed by pop music. English talk. More SSTV at 1511. IDs at 1513 followed by lite instrumental music. QSL reports to _cupidradio@hotmail.com. Weak but fair on peaks. (Alexander-PA)

Radio Border Hunter, 15.810, 11/21, 1531-1555, 25232, various rock tunes, Hendrix, ZZ Top, Supertramp. Shout out to several listeners. (Rohde-OH)

QSLs

Vanishing Hot Dog R 6925- f/d Hot dog on a bun QSL in two months. The operator repts that his stn was created to protest the shrinking size of hot dog buns sold by bakery firms. Uses vanishinghotdogradio@gmail.com for repts. (Zeller-OH)

Germany Calling, Eqsl in 1 hour. (Kivell, FL)


Radio Paisano, 6925 Ships Sailing on Ocean sht in 2 weeks for their annual Columbus Day bcst. Says QSL #43. The QSL was in Italian. Apparently for a rept to the FRN. (Zeller-OH)

Radio Paisano, with in a few day of FRN posting. (Rohde-OH)

Radio Space Shuttle International, this was for a broadcast on 6-19-2008. I had long given up on this one! The tx site was in Denmark. (Rohde-OH)

Atlantic Radio (Ireland), via mail 3 weeks. (Rohde-OH)

Germany Calling, with in an hour from sending report. (Rohde-OH)

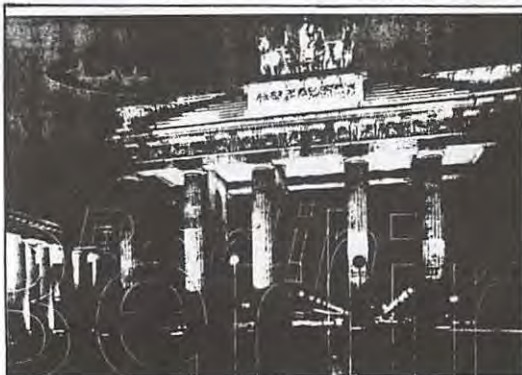
Well that is it for this month. Thank you to all of the log contributors. Good DXing and have safe and Happy Holiday season. 

Please Notice:

For faster service with address changes and inquiries about missing Journals, please email billoliver@verizon.net or write to NASWA, 45 Wildflower Road, Levittown, PA 19057. You can also call 215-945-0543. Material for *NASWA Notes* should be sent to Richard D'Angelo whose address appears on the *Notes* page

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



ANGUILLA: Caribbean Beacon
6090 f/d "The Caribbean Beacon Listener Verification Report" cd. in 234 ds. for a rpt. sent directly to the station w/ \$2.00 and a local postcard. v/s Doris Lussington. Email: beacon@anguillanet.com (Kivell-FL).

AUSTRIA: Voice of Vietnam
9725 via Moosbrunn f/d cd w/o site "TNVN Verification" cd. in 40 ds. for an EG rpt. and a postcard. v/s Vu Hai. Also rcvd. a station schedule. (Kivell-FL). **ORF Radio Austria International** 9820 via Moos-

brunn f/d ltr. in 38 ds. w/ station sticker. I enclosed a postcard.

BALI: Radio Republik Indonesia 3945 via Denpasar (Kivell-FL).

* After a 17 year wit and w/ the help of Ron Howard, I was finally able to secure this QSL. A friend of Ron works at Kang Guru Indonesia and another person in the same office has a wife who works at RRI Denpasar. I contacted her via email and arranged to send her a pre-made QSL card to have signed and stamped by a member of the Denpasar staff.

STATION NOTES: Radio Capixaba 4935 v/s Valdenir Saith. Addr: Avenida Santo Antonio 366, Santo Antonio, CEP-29025-000 Vitoria, Espirito Santo, Brasil. **Radio Play Back International** 6220 via **Mystery Radio** Email: playbackinternational2gmail.com **Radio Amica** 7610 Email: radio



RADIO CHRISTIAN VOICE

HOME PROGRAMS A LIST STATION STAFF CONTACTS EMPLOYMENT LETTERS TREE GUI

"mwiza" <mwiza@zamnet.zm>
12/16/2009 04:28 AM

To rdangelo@firstenergycorp.com
cc
Subject RE: Reception Report: Radio Christian Voice from Lusaka, Zambia, on 13 December 2009 from 2252 to 2325 UTC on a frequency of 4,965 kHz

Hello Richard,

Greetings From Zambia!

This is to confirm that indeed you were listening to Radio Christian Voice. We are based in Lusaka Zambia and have been transmitting on shortwave since 1994. Our frequencies are 6065KHZ and 4965KHZ.

We broadcast to southern and central Africa 24 hours daily.

Thank you for writing and for your detailed report.

regards from Zambia.

Mwiza Sinyangwe
Station Manager
Radio Christian Voice

amica@gmail.com
Polaris 3900 Email: polarisradio@hotmail.com
Henk Skyline International 3905 Email: skylinehorizon221@hotmail.com
Radio Familia FM 4900 (Guinea Rep.) Email: www.familiafm.com via PLAY DX...Sam.

Its a great looking QSL...Sam. (Young-CA)... Welcome back!

BONAIRE: Radio Nderlands 6165 f/d "Bridge over the Groenburgwal" cd. in 33 ds. Several

**Bible Voice
BROADCASTING**

THANK YOU FOR LISTENING!

Reception Confirmation

Date: JULY 14, 2013
 Bible Voice: Marshall East 1
 Frequency: 15680
 Time: 1730-1749 UTC

Scott R. Barbour Jr.
P.O. Box 293
Intervale NH 03845
USA



days later I
 rcvd. a pro-
 gram guide,
 station sticker
 and
 tourist in-
 formation.
 (Kivell-FL).
BRASIL: Radio
Clube de Pa-
ra 4885 f/d
 ltr. w/ sta-
 tion pennant,
 postcard and

a lapel pin for a March 2009 reception. This was for \$2.00. The f/up rpt. was sent in April 2010. (Colton-FL). **Radio Capixaba** rcvd. an email QSL in 5 wks. for a taped rpt. and \$2.00. v/s Valdenir Saith. Email: adm@radiocapixababa.com.br (Smith-MA). The frequency was 4935.

COLOMBIA: Marfil Estereo 5910 f/d cd. w/ station sticker for \$2.00. This was for a 2008 reception with the f/up sent in March 2010.

STATION NOTES: Voice of Croatia 7375 v/s Zlatko Kugetic, Executive Director. Email: milton.arandia.antezana@hrt.hr -or- lavozdecroacia@hrt.hr WEB: www.hrt.hr/glashrvatske/gh.php **Gemeinde Gottes Herford** 6015 via **HCJB** from **Issoudun** v/s Nikolai Erst. WEB: www.gemeinde-gottes-herford.de Addr: Zimmerstr. 3, DE-32051 Herford, Germany **HCJB** 6015 via **Issoudun** v/s Michael Puetz Email: info@media-broadcast.com Addr: Media Broadcast GmbH, Joseph-Schumpeter-Allee 17, DE-53227 Bonn, Germany. **Radio Nederland** 6035 via **Issoudun** Addr: P.B. 222, NL-1200 Hilversum, Netherlands...via **PLAY DX...Sam**.

Glad to have this QSL. (Colton-FL).

CZECH REPUBLIC: Radio Prague 9790 via **Litomysl** f/d "Karl Hynek Macha" cd. in 20 ds. w/ program schedule folder and a fridge magnet for ms. and a postcard. (Kivell-FL).

GERMANY: Radio Free Asia 9880 via **Lampertheim** f/d "14 Years" cd. in 15 ds. (Kivell-FL). **Adventist World Radio** 9845 via **Wertachtal** email

reply
 from

**TRANSMISSION
MODE**

SINGLE
SIDE BAND

DATE: 6/24/04

DIGITAL
VOICE

DATE:

TELETYPE
TEXT

DATE:

PSK-31
TEXT

DATE:

SLOW SCAN
TELEVISION

DATE:

RADIO
FAX

DATE:

DATE:



WORLD
WIDE
RELIGIOUS
BROADCASTING

Short Wave Radio Station
WWRB

This Certificate is issued by Shortwave Radio Station WWRB to

Listener Club Member Richard D'Angel
 as confirmation of reception of the transmitter(s), mode(s), and frequency(s)
 indicated by the gold seals affixed to this reception certificate on the date(s)
 indicated below each seal.

Subsequent reception reports sent to Radio Station WWRB, Box 7, Manchester,
 Tennessee 37349 will result in the issuance of additional gold seal(s)
 representing the verification of reception of the appropriate mode of operation,
 transmitter designation number, and frequency. One set of gold seals
 (transmitter, mode, frequency) shall be issued per reception report per week.

"and he said unto them, Go ye into all the world,

and preach the gospel to every creature"

Mark Chapter 16 Verse 15

Certificate Number: SW-001325

Issued By:

Angela Faust
7/22/04

**TRANSMITTER
& FREQUENCY**

DATE: 6/24/04

FREQUENCY

DATE:

FREQUENCY

DATE:

FREQUENCY

DATE:

FREQUENCY

DATE:

FREQUENCY

DATE:

FREQUENCY

DATE:


www.wwrbb.org

Walter Brodowsky, TDF Group Short-Wave Project Leader, in 25 ds. Walt noted that they were using a 250 KW transmitter in combination w/ a High gain antenna system towards the Middle East on 120 degrees antenna azimuth. (D'Angelo-PA).

GUATEMALA: Radio Verdad

4055 the station QSLed my email rpt. w/ an email reply from v/s Dr. Edgar Amilcar Madrid, Manager and Director of Radio Truth, for their temporary transmission on 4055 Kcs using only 50 watts of power. Edgar says they expect to return w/ a higher powered transmitter by the end of October on their original frequency of 4052.5 Kcs. He promised a QSL card and the "Radio Truth Pack" by regular mail. (D'Angelo-PA)...I hope the pack includes one of their beautiful station pennants...Sam.

INDONESIA: Voice of Indonesia 9525.9 f/d cd. in 375 ds. for an EG rpt. after 3 f/up rpts. The QSL cd. depicts the "Barito Bridge - South



via Scott Barbour

DSWCI 50 years anniversary QSL

DSWCI 1956 - 2006 "Friendship through knowledge"

The Danish Shortwave Club International hereby verifies your report from station PA0B transmitter location SEKULUIS CAABAH on 10.7 kHz, at 5523 UTC, on 10.7 MHz

THE DANISH SHORT WAVE CLUB INTERNATIONAL for short wave listeners and DXers

STATION NOTES: The Overcomer Ministry 13810 Addr: P.O. Box 691, Walterboro, SC 29488 WEB: www.overcomerministry.org **Voice of Greece** 11645

Email: era5@ert.gr **Armed Forces Radio and Television Service** 5765 via **Guam** Addr: Naval Media Center Detachment, Defense Media Center, 23755 Z Street, BLDG 2730, Riverside, CA 92518 **KTWR Trans World Radio** 15200 v/s George Ross Email: ktwrfc@guam.twr.org or ktwrfrq@guam.twr.org Addr: Trans World Radio, P.O. Box 8780 Agat, Guam. **Radio Verdad** 4052.5 v/s Dr. Edgar Amilcar Madrid, Director Gerente. Addr: Radio Verdad, Apartado 5, Chiquimula, Guatemala...via PLAY DX



DIRECCIÓN GENERAL
México, D. F., a 13 de febrero de 2008

RICHARD A. D' ANGELO
2216 BURKEY DRIVE
WYOMISSING, PA 19610
EE.UU. DE A. (U.S.A.)

Estimado Richard:

Mucho le agradezco que nos haya escrito. Para Radio Educación es muy significativo contar con mensajes que nos permitan conocer la opinión y el sentir de las personas que forman parte de nuestra comunidad de escuchas a través de la onda corta.

Efectivamente su carta con el informe de fecha 26 de julio de 2007 nunca llegó a nuestras manos, debido al cambio del número del apartado. Es por ello que no hablamos establecido comunicación con usted. Para nosotros es muy grato informarle que su reporte es correcto y le adjuntamos a la presente el certificado de sintonía de Radio Educación en respuesta al informe que nos remitió. También le agradecemos los timbres enviados

Lo invitamos a seguir con nosotros a través de la Onda Corta o por Internet en nuestro sitio electrónico www.radioeducacion.edu.mx, a fin de que nos escuche y lo invitamos a mandarnos más reportes de recepción a **Radio Educación Onda Corta XEPPM Apartado Postal 44 277 C.P. 03100 México D.F.** para que nos haga saber la calidad de nuestra señal y en respuesta le enviaremos más QSL de nuestra emisora.

Desde Radio Educación reciba un cordial saludo

ATENTAMENTE



Lic. Virginia Bello Méndez
DIRECTORA GENERAL

Kalimantan" v/s Jalan Merdeka Barat. Very nice stamps on the envelope. (Tilley-WA).

IRELAND: Shannon Volmet 3413 f/d cd. in 402 ds. for \$1.00. (Colton-FL)...OK all you pureists out there. Its not SW but I have to print something...Sam. Did I spell that word correctly?

PERU: Radio Santa Rosa 6045 f/d cd. in 16 ds. Also rcvd. a personal note. All for a SP rpt. \$3.00 and a post card. v/s P. Juan Sokolich A., Director. The



To RICHARD D'ANGELO

We are pleased to verify your reception of our station.

Date 10 MAY 07 Time (UTC) 2058-2129

Power (kW) 300 Frequency (MHz) 11.955

Transmitter location MOOSBRUNN, AUSTRIA

Comments _____

Signature 

Adventist World Radio
• 39 Brendon Street, London W1H 5HD, England
• +44 (0) 1344 401401
• letters@awr.org
• www.awr.org

"Give all your worries
and cares to God, for
He cares about what
happens to you."

1 Peter 5:7, NLT

"Trust in the Lord
forever, the Lord,
the Lord, is the Rock
eternal."

Isaiah 26:4, NIV



station is now operating
24 hours. Email: contact@
radiosantarosa.com.pe As
a note their QSL envelope
had 10 stamps on it - kind
of cool! (Kivell-FL).

SAIPAN (Northern Marianas):
**KFBS 12090 f/d "KFBS Tow-
ers" cd. w/ a ltr. from
KFBS and FEBC in 30 ds.
for \$2.00 and a postcard.
(Kivell-FL).**

**SLOVAKIA: Radio Slovakia In-
ternacional 9440 f/d cd.
for \$2.00 after a f/up rpt.
(Colton-FL).**

**SOUTH AFRICA: BBC Relay 6145
via Meyerton f/d ltr. in
122 ds. v/s Sikander Hoos-**

en. This was for a rpt. sent to Sentech w/ ms., \$2.00 and a postcard.
USA: WTWW 5755 via Lebanon, TN f/d "We Transmit Worldwide" (Kivell-FL).
* cd. v/s Dan Dixon. This was for 2 ms. (Kivell-FL). 9480 f/d "George
McClintock w/ Transmitter" cd. in 260 ds. for \$1.00. (Wilkins-MO).

I received a note from the
VOA stating "because we
are not authorized to send
any souvenirs of value to
listeners that live within
the continental United
States." Is this a new
policy I'm not aware of?
They used to be quick but
apparently no more. I have
sent a couple of reports
directly to the transmitter



Technische Information

Wir bestätigen dankend Ihren Empfangsbericht
We acknowledge your reception report
vom dated 06.10.1999

über unseren Sender KW des BR
on our transmitter

MW 729 kHz UKW KW 6065 MHz
 MW 801 kHz TV Internal (SS aktuell)

und wünschen weiterhin einen guten Empfang
and hope that you will always have a good reception

11311 München-Grüden
With best regards R.D.

Bayerischer Rundfunk
Technische Information
D-80300 München
Germany
W +49 89 5900 2432
B +49 89 5900 2199
e-mail TechnInfo@br-mun.de

always
good
on
air

To _____

Jeff A. Molander

6308 Station Way

EEK Grove CA

USA

STATION NOTES: Radio Praga

13580 via Litomysl WEB:

www.radio.cz/es/report

PBS Tibet Broadcasting

Station 7385 Addr: PBS

Xizang, 180 Beijing Zhong-

nglu, Lhasa, Xizang 850000

**PRC. Radio International de China 6020 Email: spa@cri.com.cn Voice
of the Straits 5050 Addr: Voice of the Straits, P.O. Box 187, Fuzhou,
Fujian 350012, PRC. Addis Dimts Radio 17875 via Samara WEB: www.addi**

**sdimts.com Addr: Addis
dimts Radio, P.O. Box
21745, Washington D.C.
20009...via PLAY DX.**

sites, but so far
have not received any
response one way or
the other. (Colton).
I've heard about this
policy but also rcvd.
stickers, pennants,
key chains, mouse
pads, etc...Sam. Go
figure!

Holding over 2 QSLs
till next month...

Richard D'Angelo
2216 Burkey Drive
Wyomissing
PA 19610
USA

22nd May 2007

Dear Richard D'Angelo,

Thank you very much for your recent communication with AWR, we do appreciate
the time you have taken to contact us.

I am pleased to enclose a QSL card which verifies the reception report heard on the
10th May 2007 at 11.955 MHz. I have also put in an AWR bumper sticker.

Again we thank you for the reception report and hope to hear from you again
soon.

Sincerely,

1 Milbank Court

Milbank Way

Bracknell

RG12 1RP

England

Phone: 44 1344 401401

Fax: 44 1344 401415

Keren Eastwood
AWR Listener Services

www.awr.org

Scoreboard

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

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

Name, State	Total		N & C Am		Best N & C America QSL
	C/H	C/V	C/H	C/V	
Jerry Berg, MA	244	244	26	26	ZNX32 Barbados Rediffusion Ltd.
Tom Williamson, ON	243	230	28	26	PJC Curacao
Dan Henderson, MD	249	245	25	25	CKFX (10 w.)
Marlin Field, MI	245	245	25	25	CFRX (10 w.)
Wendel Craighead, KS	232	221	24	24	Voice of Mongolia via Cuba
James W. Young, CA	252	237	29	23	Turks & Caicos Is. (500 w.)
Chris Lobdell, MA	229	225	25	23	VSWI - Turks & Caicos
Paul Buer, FL	219	208	24	23	CKFX (10 w.)
Rich D'Angelo, PA	225	223	22	22	Gronlands Radio, Greenland
Stephen Leite, MA	210	197	22	22	CKFX (10 w.)
Steven R. Lare, MI	239	225	22	21	CKFX (10 w.)
Sheryl Paszkiewicz, WI	222	218	21	21	R N El Salvador
Jerry Klinck, NY	220	202	22	21	R. Miskut
Ron Howard, CA	212	200	22	21	Turks & Caicos
Christos Rigas, IL	217	198	21	20	R. Free Grenada
James R. Renfrew, NY	189	161	20	20	R. Venceremos
Jim Evans, TN	211	201	20	19	WIBS - Grenada 1963
Allan R. Loudell, DE	192	167	20	19	YSS. El Salvador & R. Belize
Bill Smith, MA	174	160	19	19	BHBS, 3300 kHz
Paul Brouillette, IL	148	121	19	19	CKFX (10 w.)
John Mosman, WI	120	120	18	18	Swan Island
Dan Robinson, MD	230	196	28	17	Martinique
Scott C. Newman, IN	148	113	17	17	R. Grenada
George Maroti, NY	206	200	18	16	R. Miskut
Stephen Price, PA	198	183	17	16	R. Miskut
Ross Comeau, MA	193	172	18	16	R. Miskut
Jerry Johnston, KY	210	141	20	16	CHU off frequency 3333 kHz
Dan Srebnick, NJ	156	121	18	15	AFN, Puerto Rico
Edward G. Stroh, IL	135	104	18	15	R. Grenada
Mark Humenyk, ON	169	148	14	14	KUSW
George L. Glotzbach, MN	154	136	15	14	CKZN
Gary R. Neal, MD	137	127	16	14	CHNX (50 w.)
Jilly Dybka, TN	145	108	15	14	La Voz del CID
Scott R. Barbour, NH	168	115	15	13	WRNO
David Turnick, PA	144	129	15	12	R. Impacto, Costa Rica
Larry Colton, FL	154	125	14	12	Radio Barahona, DR
Ken McCartney, OH	124	73	17	12	El Salvador
Doug Tilley, WA	117	89	17	11	R. Belize
Gary W. Froemming, AZ	184	44	17	6	WWVL
Don Jensen, WI	255	251			
Harold Cones, VA	234	232			
Alex Vranes, Jr. WV	226	216			
Bob Raymond, NH	175	150			
Richard Bradley, MA	145	130			
Richard E. Lawrenson, RI	143	128			
Jerry Ervine, TX	110	60			



Contributors' Page

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

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA	Icom IC-7600, two 100' LW
Scott BARBOUR, Intervale, NH	NRD545, MLB-1, 200' Beverages, 60m dipole
Mark COADY, Peterborough, ONT	Eton E-1, G5RV
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
Bob FRASER, Belfast, ME	Sony ICF-2003 ICF-SW100S 2m LW
Glenn HAUSER, Enid, OK	FRG-7, SW-07, YB400 random wires
Ron HOWARD, Asilomar Beach, CA	etón E-1
Victor JAAR, Longueuil, QUE	R75, longwire
William McGUIRE, Cheverly, MD	DX-380
Robert MONTGOMERY, Levittown, PA	NRD535D, active antenna
Richard PARKER, Pennsburg, PA	51S-1-X, R390A, SE3, ant. farm
Jim RONDA, Tulsa, OK	NRD-545, R75, PAR EF-SWL antenna
Harold SELLERS, Vernon, BC	E-1 and Sony AN-1 antenna
Giovanni SERRA, Rome, ITALY	NRD-525 AD Sloper
Jerry STRAWMAN, Des Moines, IA	Perseus SDR, PAORDT mini whip
Mark TAYLOR, Madison, WI	R-75, eton E1, 2 Flexennas, EWE
Robert WILKNER, Pompano Beach, FL	NRD535D, Drake R7
Ed WLODARSKI, NJ	RX340, 100' lw

I just happen to glance at the back cover of the last journal and noticed the wrong address is listed. I closed the P O Box four or five years ago. My new address is 86 Pumpkin Hill Rd., Levittown, PA 19056.



2000-5900 kHz

Tropical Band Loggings

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

- 2310 AUSTRALIA VL8A Alice Springs 1015-1020 Sports prg; fair; //2325-fair; //2485-poor; 10/30. (Wlodarski-NJ) 0921-0935 EE sports prg; fair; 11/13. (Wlodarski-NJ)
- 2368.5 AUSTRALIA R. Symban 1103-1115 Typical Greek mx & talk; poor; 10/23. (Wlodarski-NJ) 1328-1438 (P); Mostly live sports coverage; (P) futbol/soccer rptng by an excited ancr in Greek; 1430 ancrs & singing jingle; w/out the QRN might have had a chance for almost fair recep; certainly my best recep so far; 10/24. (Howard-CA) 1019-1025 Greek mx & talk; poor; 10/30. (Wlodarski-NJ) 1151-1210 Greek mx & talk; v. good; better than the VL8 stns on the band; 11/6. (Wlodarski-NJ) 1152-1200 V. weak this morning; Greek mx coming through on peaks; 11/14. (Wlodarski-NJ)
- 2485 AUSTRALIA VL8K Katherine 0951-1000 Ee interview w/ author; fair; //2310 & 2325-fair; 10/24. (Wlodarski-NJ)
- 2850 NORTH KOREA KCBS Pyongyang 1154-1250 Usual choral mx reaching S9+10; 1249 it had ascended to S9+15; more choral mx; 1250 KK talk; carrier again detectably slightly unstable; 10/18. (Hauser-OK) 1240 Triumphant choral mx audible vs noise lvl; not much else could be heard on 120 thru 60m; xext check 1303 much better S9+20 during M & W ancrs w/ KK talk; lcl sunrise here is 1252; 10/29. (Hauser-OK) 1244 Choral mx; S9+13; nothing much else making it from Asia/Pacific vs noise lvl on 120, 90, 75 or 60m; 10/31. (Hauser-OK)
- 3160h USA WPJK Orangeburg S.C. 1129 Carrier on; 1130 Something like: "This is WPJK now signing on. WPJK is authorized by the FCC to operate on the frequency of 1570 Kilohertz with (?) watts"; ment. of Orangeburg S.C.; another ancrment which was not clear; start of "Soul Train" prg w/

train whistle & M anc w/ gospel mx; tnx to G. Hauser for noticing this & rptg it; 10/18. (Taylor-WI) 1152 Still harmonicizing from 1580 w/ gospel mx; I see that M. Taylor in WI has now heard this too; 10/18. (Hauser-OK) 1131 Carrier on; 1133 s/on ancmnt right into Gospel Train w/ toot-toot; poor in noise; 2 x 1580; 10/26. (Hauser-OK) 1145 Already on w/ gospel song; 1149 ID in passing; mx ancmnt; ad for something w/ phone & address in Orangeburg SC; fair; 11/6. (Hauser-OK)

- 3185 **USA WWRB** Morrison 1242 Brother Scare manages to modulate today; unlike yesterday; 10/31. (Hauser-OK)
- 3250 **HONDURAS R. Luz y Vida** San Luis 1120-1128 EE/SS svc; exc. sig; 11/1. (Wilkner-FL)
- 3255 **SOUTH AFRICA BBC** Meyerton 0256-0316 Nx features in EE w/ time pips & ID at 0300 followed by nx w/ lead story re tsunami in Indonesia; poor; 10/27. (DiAngelo-PA)
- 3275 **PNG-NEW GUINEA TERRITORY R. Southern Highlands** Mendi 1139-1145 Modern pop mx in Tok Pisin; f-p; 11/9. (Wlodarski-NJ)
- 3279.90 **ECUADOR LV del Napo** Tena 0155-0308*; 1020-1050 SS talk; inspirational SS mx; s/off w/ lite instrumental mx; following morning w/ SS talk & Ecuadorian mx; lcl choral mx; p-f but muffled audio. 11/7. (Alexander-PA) 0255-0308* SS relg talk; Christian mx; abrupt s/off; poor & weak in noisy condx; 11/11. (Alexander-PA) *0939-1005 Abrupt s/on w/ SS talk; rustic lcl mx; fair lvl but muffled audio; 11/12. (Alexander-PA) 3279.95 0300 ID as La Voz del Napo then sudden off 0308 in mid sentence; 11/1. (Wilkner-FL) 3280 1041-1050 Lcl type SS mx; fair; 10/30. (Wlodarski-NJ) 0952 Soft SS ballad; M anc w/ (P) inspirational talk then diff. M at 0958 w/ ment. of "Tena" & "La Voz del Napo" ID; fair; 10/31. (Coady-ONT) 1021-1030 W anc in SS w/ religious talk & lcl mx; fair; 11/13. (Wlodarski-NJ)
- 3290 **GUYANA GBC** Georgetown 0935 Minister re "Christian Beliefs"; 10/14. (Wilkner-FL) 0727 EE promos for several BBC prgs; BBC nx at 0730; poor; 10/19. (Sellers-BC) 0818-0825 EE prg of Hindi mx; good; 10/23. (Wlodarski-NJ) 0934-0945 Modern EE pop mx & ads; fair; 10/30. (Wlodarski-NJ) 0653 EE BBC prgs including nx at 0700; fair; 10/31. (Sellers- SLDX/ON) 0840 Hindi-inspired ballads & small talk by M anc w/ Caribbean accent; weak; 10/31. (Coady-ONT)
- 3290 **PNG-NEW GUINEA TERRITORY R. Central** Boroko 1113-1120 Nx cntary in Tok Pisin until 1015 then lcl ancments by W anc; fair; 11/9. (Wlodarski-NJ) 1348-1407* Island pop songs; IDs & promos for "NBC Central" on "95.5 FM"; so assume a relay of Radio Gadona; 1400-1404 indigenous (National?) song; s/off ID followed by choral NA; poor; 11/10. (Howard-CA)
- 3310 **BOLIVIA R. Mosoj Chaski** Cochabamba 0847-0900 Lcl type Quecha mx; good; 10/23. (Wlodarski-NJ)
- 3315 **PNG-ADMIRALTY ISLAND R. Manus** Lorengau 1125-1130 M & W anc in Tok Pisin w/ lcl nx items; fair; 10/16. (Wlodarski-NJ) 1133-1140 M & W anc in Tok Pisin w/ lcl ancments; ad at 1035; fair; 11/9. (Wlodarski-NJ)
- 3325 **INDONESIA-KALIMANTAN RRI Palangkaraya** 1209-1256 Indo talk at 1247; reconfirmed at least on the air at this hour; 12 minutes after sunrise here; v. poor-fair; 10/11-13. (Hauser-OK) 1248 W & M conversation in Indo; I'm still not hearing any other tropical RRI; poor; nothing audible on 4750. Unless 3345 was Indo instead of PNG; 10/18. (Hauser-OK)[see below-ed.] 1312 (P); Ancr w/ talk; poor; 11/6. (Hauser-OK) 1324 Romantic mx; 1330 plays 7-note IS for a minute, then ancmnt in (P) Indo; wish I had my tape recorder handy; maybe another day; then I look for same at <http://www.intervalsignals.net> but Dave's one clip of this stn does not include it; how about at Atsunori Ishida's site?; not on the opening nor closing, but there it is on the 'news' clip: http://rri.jp.org/snd/03325_news.mp3; 11/9. (Hauser-OK)
- 3329.51 **PERU Ondas del Huallaga** Huánuco 1035 Excellent mx w/ M dj; good; 11/2, 4-5. (Wilkner-FL) 3329.53 1035 M anc w/ " Buenas Dias.." & long talk; under t-storm; 10/25. (Wilkner-FL)
- 3340 **HONDURAS HRMI** Comayagüela 0430-0450 Re-activated here; tnx M. M'Endez tips; 11/15. (Wilkner-FL)
- 3345 **PNG R. Northern** Popondetta (T); 1255 The best of the lot; 3385 having cut off earlier; lo-key & somewhat muffled talk by M anc; 1256 mx; weaker than RRI 3325; also carriers on PNG channels 3365, 3315, 3290 & 3275; however, Ishida rpts RRI Kendari has been active on 3345; 10/18. (Hauser-OK)[Ishida's RRI list at new URL: <http://rri.jp.org/-ed.>]
- 3350 **COSTA RICA REE** Cariari de Pococi 0158-0215 Abrupt s/on w/ brief IS & M anc w/ ID; W w/ freq & M anc w/ another ID; brief IS followed by some seconds of silence then pips at 0200; brief ancmnt into W w/ nx until 0206; mx breaks & jingles; ancments & IDs into feature talk prg; best heard in USB w/ NIR12 to avoid strong hum; strong static crashes; almost fair; 10/24. (Serra-Italy)
- 3365 **BRAZIL R. Cultura** Araraquara 2345-2350 PP pop mx prg; fair; 11/12. (Wlodarski-NJ)
- 3365 **PNG R. Milne Bay** Alotau 1122-1130 Tok Pisin w/ lcl type mx; ID at 1030; f-p; 11/9. (Wlodarski-NJ)
- 3375.34 **BRAZIL R. Municipal** São Gabriel da Cachoeira 2250-2300 Noted here w/ improving sig; 11/2. (Wilkner-FL)
- 3385 **PNG-NEW BRITAIN R. East New Britain** Rabual 1133-1140 Lcl type mx; M anc in Tok Pisin at 1137 talking to a listener via phone; fair; 10/23. (Wlodarski-NJ) 1035-1040 Pop mx request prg; fair; 10/30. (Wlodarski-NJ) 1159-1205 TC & ID followed by lcl type mx; fair; 11/6. (Wlodarski-NJ) 1108-1115 W anc w/ nx prg in EE & Tok Pisin; fair; 11/9. (Wlodarski-NJ)

- 3480 **SOUTH KOREA V. of the People** Kyonggi-do 1247-1257 (P); Korean talk; 1257 at S9+15 w/ slow song; clandestine from South to North; always weak het on hi-side 3481 via Anti-Imperialist National Democratic Front, N. Korean jammer; per Aoki; 10/18. (Hauser-OK)[Aoki list URL: <http://www.geocities.jp/binewsjp/userlist.txt>...a nice point of reference, tho lots of long silent stations listed-ed.]
- 3905 **PNG-NEW IRELAND R. New Ireland** Kavieng 1119-1125 Lcl type music; ID at 1120 by W anc in Tok Pisin; fair; 10/23. (Wlodarski-NJ) 1053-1100 Lcl type vcl mx; fair between amateur QRM; 10/30. (Wlodarski-NJ) 1132-1140 Lcl type mx; fair w/ amateur QRM; best of the PNGs this morning here; 11/13. (Wlodarski-NJ)
- 3925 **JAPAN R. Nikkei** Tokyo-Nagara 0735 Two M & a W anc in JJ w/ jovial discussion; fair as was //6055; 10/19. (Sellers-BC) 1059-1110 Radio drama in JJ; fair; 11/13. (Wlodarski-NJ)
- 3985 **CROATIA Hrvatski Radio** Deanovec 0200 S/on in EE w/ ID & nx; v. poor; //7375 Wertachtal-exc.; 10/30. (Sellers-SLDX/ON)
- 3995 **UNITED KINGDOM Deutsche Welle** Skelton 0523 DW German again here for morning b/cast in B-10 0500-0800, 250 kW, 106 degrees & it's not DRM!; //6075 but slightly behind it; 6075 is scheduled from three sites at once during this hour: Woofferton, Skelton & Sines, Portugal; but not enough to scuttle the motorboat from Petro-K; 10/31. (Hauser-OK)
- 4052.4 **GUATEMALA R. Verdad** Chiquimula 0508-0604 R. Verdad back close to its original freq; a bit off nominal 4052.5; "Amazing Grace" 0510 dead air at S9+12; fair w/ hymn; S9+12 & one can certainly tell the difference between this 500w & the temporary 50w which had been on 4055; 0544 w/ mx; 0601 ancment maybe in EE but can't make it out despite improved sig w/ reactivated main txmitter; a bit more mx; 0603 W anc w/ SS s/off; 0604 NA starts; I haven't remeasured but so far had been a bit below nominal 4052.5; 10/27-28 & 30. (Hauser-OK) 0004 SS hymns; 0014 ID; more talk by M anc & W; separated by marimba; fair; 11/1. (Taylor-WI) 0039 Nice instrumental mx; 0122 sig is better than any LA on 60m except Cuba; slightly on the low side at 0537 w/ SS talk; (P) sermon; 11/1 & 2. (Hauser-OK) 4052.46 0545-0607* Christian mx; ancments in unid lang; not able to ID lang due to noisy condx; s/off w/ NA; overall weak & poor sig; 11/5. (Alexander-PA) 4052.46 0058 V. weak at t/in w/ vcls in SS; 0100 M anc w/ (P) ID; SS talk w/ (P) nx; S5 which is slightly above noise floor to fades below; 11/6. (Montgomery-PA) 4052.5 0305 Soft Christian mx; seemed to be conts. until 0419 when brief ancment by W; 0427 re-check w/ M preaching in EE, without stop until 0550; believe he was IDed as James Robinson; 0552 carrier but no audio until 0555 then gospel song; 0558 M anc w/ Lordis Prayer; mx bit; closing ancments including "Radio Peace" ID & said would be back on the air at "5 hours Guatemala time"; 0601 W anc in SS; NA by orchestra & youth choir for a full five minutes until off at 0606; p-f; 10/31. (Sellers-ON) 0300-0310 Minister w/ sermon on "Bread of Life"; full EE ID as "Radio Truth" w/ US address for rpts; noted every day since; 11/1. (Wilkner-FL) 0249-0322 Seems to be back on old familiar channel w/ rustic mx & some SS talk by W anc; M preacher at 0303 alternating w/ group chorus; poor; 11/4. (DiAngelo-PA) 0240 SS preaching; fair; sig was often weak but quite readable; 11/7. (Ronda-OK) 4053.4 0107 Xylophone mx; W anc in SS followed by M speaker; poor; 0239 re-check w/ several back-to-back pieces of EZL instrumental mx; good; 11/9. (Sellers-BC) 4055 1151 Barley audible mx; caught just before f/out; 10/11. (Hauser-OK) 0542 R. Verdad just barely audible; 10/16. (Hauser-OK) 2335 Choir mx & hymns; 10/19. (Wilkner-FL) 0552 Mx weakly audible from TGAV; next check 1151; can make out the notes of a familiar hymn; Dr. Madrid e-mailed me UT Oct 20 at 0251: "Great, Glenn, Our big short wave transmitter was fixed today, after a very intense and difficult taks. In a few minutes we will leave for Chiquimula, and tomorrow, we'll start building a new antenna. So, we may come on the air very soon. Please spread the news."; so time is running out to QRP-DX R. Verdad w/ only 50w; 10/20. (Hauser-OK) 0549 Reads S9+12 w/ mx; better than usual; fades; 0559 gets mushy & can't tell if NA is playing later; still on standby 50w but expects to reactivate refurbished main txmitter w/ new antenna & revert to 4052.5 within a couple days; 10/23. (Hauser-OK)
- 4220 **CHINA PBS** Qinghai Xining 1247-1509 Reactivated again after being absent since 5/1; in (P) Tibetan w/ indigenous chanting/singing; M. Ritola-Finland has confirmed this as PBS Qinghai; 11/1. (Howard-CA) 1555-1600* Consistently playing Kenny Gis instrumental "Forever in Love" before going off the air; must be a popular piece in China as I heard the same selection used in the past via Zhoushan Maritime Meteorological Radio; fair; the strongest since their recent reactivation; 11/8 & 10. (Howard-CA)[traces of audio here in NH around 1100, always a pleasure DXing the wintertime China regionals-ed.]
- 4319U **DIEGO GARCIA AFN** 1921-1950 M anc in EE; mx breaks; M & W anc's re Obama administration & other US current affairs; etc.; ancments & jngle; phone call; strong RTTY almost nulled w/ NIR12; other strong ute nulled w/ inter-audio filter; moderate static; almost fair-poor; 10/18. (Serra-Italy) 2330 Travel impressions of Haiti; 10/19. (Wilkner-FL)
- 4409.8 **BOLIVIA R. Eco Reyes** 2300-0000 The one noted here; 10/24. (Wilkner-FL)

- 4450 **NORTH KOREA AINDF** Pyongyang 0919-0925 W anc in KK w/ long cmntary; fair; 10/11. (Wlodarski-NJ) 1103-1116 M & W anc w/ KK talk; p-f at best; nothing heard on //3480; //4557-carrier w/ (P) audio under CODAR; 11/9. (Barbour-NH)
- 4451.2 **BOLIVIA R. Santa Ana** Santa Ana de Yacuma 0003* Noted here w/ s/off; 10/22. (Wilkner-FL)
- 4700 **BOLIVIA R. San Miguel** Riberalta 0912-0920 ID at 0915 by M anc followed by various musical selections; fair; 10/11. (Wlodarski-NJ)
- 4716.58 **BOLIVIA R. Yura** Yura 0140-0150 Up-beat SS mx; poor; lost in the noise by t/out; 11/9. (Barbour-NH)
- 4747 **PERU R. Huanta 2000** Huanta 1024-1030 ID followed by lcl type mx; fair; 10/11. (Wlodarski-NJ) 1043 In SS w/ Huatnos mx; v. weak; 10/31. (Coady-ONT) 1036 Lively contemporary Andean mx; W anc in SS; ballad; 1038 ID "Radio Huanta dos mil" w/ sound fx; M ancment & ancns w/ talk; poor; 11/3. (Taylor-WI) 1010-1015 SS pop type mx w/ M anc; good; 11/13. (Wlodarski-NJ)
- 4750 **BANGLADESH Bangladesh Betar** Shavar 1235-1242 This is the Monday sked for news in EE; "Assalamu alaikum. This is Bangladesh Betar"; Bangladesh & India signed a memorandum of understanding on "Border Haats"; overcrowded ferry capsized "120 kilometers south of Kolkata, the capital of the Indian state of West Bengal"; mixing w/ CNR1; RRI Makassar continues off the air; too much QRM to hear PBS Qinghai; 11/1. (Howard-CA) 1152-1209 Lcl vcls w/ flutes; several ancments at 1158 in listed Bengali; flute mx to tone; ID & nx by W anc at 1200; poor; 11/3. (DiAngelo-PA) 1444-1501 (P); Mixing w/ (P) Qinghai PBS; impossible to separate; both poor; 11/4. (Sellers-BC)
- 4750 **CHINA PBS** Qinghai Xining 1510 Heard TWO stns; one was CNR1 & the weaker stn underneath them was the return of PBS Qinghai; listening last week after 1500 when Bangladesh has s/off; clearly only heard CNR1 & nothing else; M. Ritola-Finland has confirmed the second stn here as PBS Qinghai; 11/1. (Howard-CA)
- 4754.9 **BRAZIL R. Imaculada Conceicao** Campo Grande 2234-2240 Pop mx; W anc in PP w/ ID & long relg cmntary; fair; 10/16. (Wlodarski-NJ) 2346-0013 M & two W ancns in PP w/ several ments. of "Brasil"; relg talk by M anc; segment of instrumental mx at ToH followed by ID & several ancments; fair; 10/21. (DiAngelo-PA) 4754.91 2343-0003 M anc w/ ballads; brief ad string; (T) ID ancment at ToH; p-f; 11/6. (Barbour-NH) 0807-0815 PP relg prgrm; good; 10/24. (Wlodarski-NJ) 4755 2346 Songs in PP & occ. ancments by M; fair; sometimes slipping to poor; 11/6. (Ronda-OK)
- 4760 **ANDAMAN & NICOBAR ISLANDS AIR Port Blair** 1130 (T); F/in w/ SC mx; watching each morning locally; 11/1. (Wilkner-FL)
- 4765.06 **TAJIKISTAN Tajik Radio** Yangiul 0026-0040 Lcl chant; M anc over over mx; W from 0029 w/ (P) nx & remote rpts; mx breaks then W w/ chanting solo vcls; best in USB nulling CW QRM; moderate QSB; good; 10/31. (Serra-Italy)
- 4774.9 **PERU R. Tarma** Tarma 0950-1010 "Musica en Radio Tarma" followed by TC; 1025 rustic Peruvian mx; 10/14 & 15. (Wilkner-FL) 4775 0112-0154* Two M ancns in SS w/ futbol coverage including a "goooal" at 0131; soft instrumental mx at 0149 followed by M anc w/ canned ID & freq ancment as part of s/off routine; soft instrumental mx continued until carrier was terminated; poor; 11/11. (DiAngelo-PA)
- 4775 **BRAZIL R. Congonhas** Congonhas 1022 (P); Ballad by W; M anc in PP; lively mx through BoH; poor; 11/3. (Taylor-WI) 2330-2343 (P); M anc w/ PP talk between ballads; passing ments. of Congonhas; fair; 11/6. (Barbour-NH)
- 4775 **SWAZILAND TWR** Manzini 0409 Brief IS into GG anc; fair; 10/13. (Taylor-WI) 0402 M anc in GG; Christian song; v. poor; 10/31. (Sellers-SLDX/ON)
- 4780 **DJIBOUTI RTD** Atta 1639-1656 Lcl sing-song in vern, very boring; ancment; lcl chants w/ some ancments over mx; best heard in LSB w/ inter-audio filter to null strong ute; moderate static; almost fair; 10/19. (Serra-Italy) 0332-0343 Mx; M anc w/ brief mx break; AA song; best in LSB w/ fast QSB & mild rustle; f-g; 10/21. (Serra-Italy) *0300-0330 S/on w/ NA followed by rustic lcl mx & opening AA ancments; Qur'an at 0302; AA talk at 0314; lcl tribal mx at 0328; p-f in noisy conds; 10/29. (Alexander-PA) 0315 The one noted here; 11/1. (Wilkner-FL) 2047-2104* HoA-like mx; W anc w/ AA talk over mx at 2103; NA at 2104; pulled the plug mid-way thru; fair; 11/6. (Barbour-NH)
- 4787.78 **BOLIVIA R. Emisoras Boliván** San Borja 1040 (T); Tentatively noted here; too weak for meaningful details; 11/5; also 2300-11/5; 2250-11/8 & 2327-11/10. (Wilkner-FL)
- 4789.94 **PERU R. Vision** Chiclayo 0518-0531 Barely audible M & W ancns in SS; 0530 M anc via loudspeaker unclear tlk; best in USB nulling het; moderate static crashes; 11/02. (Serra-Italy) 4790 0848-0900 ID by M anc in SS; lcl type mx; good; 10/11. (Wlodarski-NJ) 0825 Lively LA mx; M anc in SS w/ excited promos; ments. of "Peru" & definite "Radio Vision" ID at 0833; good; 10/31. (Coady-ONT) 1013-1030 SS relg prg w/ M preacher; good; 10/31. (Wlodarski-NJ) 0928-0935 Lcal type SS mx; ID by M anc at 0930; fair; 11/14. (Wlodarski-NJ)
- 4795.87 **BOLIVIA R. Lipez** Uyuni 1030; 0316 Tradition Bolivian mx; good; 11/1. (Wilkner-FL)
- 4800 **CHINA CNR 1** Geermu 0005-0010 M & W ancns in CC ment. Zhong Guo; (P) promos & ID over mx; more talk; best heard in SSB; mild QSB & rustle; good; 10/31. (Serra-Italy)

- 4800 **INDIA AIR Hyderabad** 0043-0050 Hindi vcl chant w/ strings; QRM via co-ch. CPBS Geermu w/ talk by M & W in CC; best heard in USB w/ fast QSB & lite rustle; fair; 10/24. (Serra-Italy) 1432-1446 (P) M ancr w/ mx; v. poor w/ CODAR; improving to fair; 11/4. (Sellers-BC)
- 4805 **BRAZIL R. Difusora do Amazonas** Manaus 0946-0955 M ancr in PP w/ relg talk; fair; 10/17. (Wlodarski-NJ)
- 4810 **INDIA AIR Bhopal** 0050-0057 Hindi vcl chants & mx; M ancr in vern. between songs; best heard in LSB nulling ute; mild static; fair; 10/24. (Serra-Italy) 1432-1446 (P); M ancr; v. poor w/ CODAR; 11/4. (Sellers-BC)
- 4814.95 **ECUADOR R. El Buen Pastor** Saraguro 0025 Noted here w/ good sig; 11/5. (Wilkner-FL)
- 4820 **INDIA AIR Kolkata** 1418-1431 (P); Soft instrumental mx w/ W talk over; p-f; 11/4. (Sellers-BC)
- 4820 **TIBET Xizang PBS** Lhasa 1130-1135 M ancr in CC w/ occ. mx; not // 4920; poor; 10/11. (Wlodarski-NJ) 0010-0015 M & W ancrs ment. Zhong Guo; (P) ID over mx by diff. M ancr; more talk; best heard in LSB w/ inter-audio filter nulling RTTY; moderate rustle & crackle; almost fair; 10/31. (Serra-Italy)
- 4828 **ZIMBABWE ZBC** Gweeru 0320 The one noted here w/ some audio; 11/7. (Wilkner-FL) 0131 Strong carrier w/ imagination lvl audio in vern.; re-check at 0158 w/ barely audible mx; 11/9. (Barbour-NH)
- 4840 **INDIA AIR Mumbai** 1430-1447 Nx in Hindi at t/in; v. poor; 11/4. (Sellers-BC)
- 4845.23 **BRAZIL R. Cultura Ondas Tropicais** Manaus 2057-2140 Barely audible at around ToH; increasing audio at about 2115 w/ non-stop PP romantic songs w/ barely audible M ancr; more mx; best heard in SSB w/ v. strong statics crashes; CODAR; poor; 10/25. (Serra-Italy)
- 4865 **BRAZIL R. Alvorada** Londrina 1037-1045 PP mx; mostly ballads; fair; 10/16. (Wlodarski-NJ) 0946-0955 PP ballad type mx; ID at 0948 by M ancr; fair; 11/13. (Wlodarski-NJ)
- 4880 **INDIA AIR Lucknow** 1345-1510 Live rptg from the Commonwealth Games; cmntary about Tintu Luka, the 21 year old Indian who was about to run in the women's 800m final; anncrs in Hindi & EE; 10/11. (Howard-CA) 0059-0106 M & W Hindi vcls & mx; best heard in SSB w/ mild CODAR & moderate static; almost fair; 10/24. (Serra-Italy)
- 4885 **BRAZIL R. Clube do Para** Belem 0335 Various M ancrs w/ preaching-like talk; 0400 ID; ancrment or ad string; fair; 10/14. (Taylor-WI) 0437-0422 PP reggae mx; shaking the walls w/ 80dB sig & hi-fi audio; 10/22. (Parker-PA) 0752-0800 PP mx prg; modern pops & lcl mx; ID at 0800; good; 10/23. (Wlodarski-NJ)
- 4895 **INDIA AIR Kurseong** 1411-1505 Presumed nx at 1411; 1415-1505 mx w/ some talk; p-f; 11/4. (Sellers-BC)
- 4899.96 **GUINEA Familia FM** Conakry 2325-0003* FF talk; wide variety of Afropop, rustic lcl mx & Europops; weak; poor in noisy condx w/ CODAR; 10/22. (Alexander-PA) 4899.97 0000-0002* Just caught the end of the txmission w/ NA at s/off. Weak; v. poor; 10/15. (Alexander-PA) 4900 2301-2310 M & W ancrs in FF w/ lcl nx items; fair; 10/16. (Wlodarski-NJ)
- 4905 **TIBET Xizang PBS** Lhasa 1533-1600 "Holy Tibet" show in EE; opening of the St. Regis Lhasa Resort luxury hotel; new airport in Tibet, near border w/ India, started operating last Saturday; Tibetan songs; segment "Tibet Stories" re tea bowls; //4920 & 6200; enjoyable prgrmg; 11/8. (Howard-CA)
- 4910 **INDIA AIR Jaipur** 1345-1510 Live rptg from the Commonwealth Games; cmntary about Tintu Luka, the 21 year old Indian who was about to run in the women's 800m final; ancrs in Hindi & EE; 10/11. (Howard-CA)
- 4914.95 **BRAZIL R. Difusora** Macapa 0455-0506 PP romantic songs w/ M ancr "...musica madrugada!"; freq & ID ment. ondas tropicais & Macapa; jingle & ancrs w/ talk; 11/06. (Serra-Italy) 4915 0528-0531 M ancr in PP; outstanding 70dB sig; 10/20. (Parker-PA)
- 4920 **INDIA AIR Chennai** 1422-1434 Hindi vcls over (P) co-ch. Tibet; f-g; 11/4. (Sellers-BC) 1205-1210 Hindi type mx w/ AIR ID at 1206; fair; 11/6. (Wlodarski-NJ)
- 4920 **TIBET Xizang PBS** Lhasa 1118-1125 Lcl type mx & cmntary by M & W ancrs in listed Tibetan; fair; //4905, 5240, 6130 & 7385 all audible here this morning; 10/11. (Wlodarski-NJ) 1120-1130 Noted //5240; //4905 under RTTY; 10/18. (Wilkner-FL) 1114-1120 M & W ancrs w/ long cmntary; fair; 11/13. (Wlodarski-NJ)
- 4925 **BRAZIL R. Educacao Rural** Tefe 1004-1010 M ancr in PP w/ ID followed by ad string & lcl nx; good; 10/23. (Wlodarski-NJ) 4925.2 1005-1010 M ancr in PP w/ lcl ancrments & ads; numerous jingle type IDs; fair; 11/13. (Wlodarski-NJ)
- 4930 **BOTSWANA VOA** Moeping Hill 0433-0436 EE nx; 40-50dB sig battling CODAR & noise; best in synchro LSB; fair; 10/22. (Parker-PA)
- 4940 **CHINA V. of Strait** Fuzhou 1530-1555 Sunday only prg in EE; "Focus on China"; ex: 1500-1530; prg can be either a full half hour or just 25 minutes as it was today; nx items re China; promo for China; at 1555 went from EE to CC; poor; will take another month before I get to hear specific details of their nx items; but at least I have now found this new sked; earlier at 1500 briefly noted their time pips & EE ID "This is the Voice of Taiwan Strait News Radio" & into CC prgrmg; 10/24. (Howard-CA)
- 4940 **INDIA AIR Guwahati** 1424 (P); Vcl mx; v. poor; 11/4. (Sellers-BC)

- 4940 **SÃO TOME VOA** Pinheira 2046 W anc in (P) Hausa interviewing M then VOA nx in brief at 2054; fair; 10/29. (Coady-ONT)
- 4949.77 **ANGOLA R. Nacional de Angola** Mulenvos 2115-2118 Slow pop song; M anc until 2118 then (P) f/out; lite crackle; poor-v. poor; 10/19. (Serra-Italy) 4949.8 0418 (P); Ancr in PP w/ apparent nx or actualities; poor; 10/13. (Taylor-WI)
- 4950 **CHINA V. of Pujiang** Shanghai 1424-1435 (P); Vcls & W anc in Asian lang; p-f; 11/4. (Sellers-BC)
- 4955 **PERU R. Cultura Amauta** Huanta 1047 (P); M in SS w/ prayer-like chant; mx w/ chant continuing; (P) morning devotional?; 1052 Andean mx; f/out 1058; f-p; 11/3. (Taylor-WI) 2327-2340 Andean type mx; fair; 11/13. (Wlodarski-NJ)
- 4960 **SÃO TOME VOA** Pinheira 0431 "This is the news from the Voice of America."; poor; 10/13. (Taylor-WI) 0430-0433 "International Edition" prg in EE; 60-70dB sig w/ QSB; g-exc.; 10/22. (Parker-PA)
- 4965 **INDIA AIR Shimla** 1345-1510 Live rptng from the Commonwealth Games; cmntary about Tintu Luka, the 21 year old Indian who was about to run in the women's 800m final; ancrs in Hindi & EE; 10/11. (Howard-CA)
- 4965 **ZAMBIA CVC** Lusaka 0345 U.S. contemporary Christian mx; poor; 10/14. (Taylor-WI)
- 4970 **INDIA AIR Shillong** 1453-1512 Extremely erratic sked recently; often not s/on until after 1400; EE prg w/ all Simon & Garfunkel songs; their lcl IDs now includes both SW & FM freqs; 1512 switched over to prgring from Delhi & became //9425; 11/8. (Howard-CA)
- 4974.8 **PERU R. Pacifico** Lima 0023-0025 M anc; barely audible; poor; 10/16. (Parker-PA) 0739-0745 SS mx selections; ballads to modern pop mx; poor; 10/23. (Wlodarski-NJ) 0918-0930 M anc in SS w/ relig talk & mx; poor; 11/13. (Wlodarski-NJ)
- 4975 **TAJIKISTAN V. of Russia** Yangiyul 1437 (P); Noted here w/ v. weak mx; 11/4. (Sellers-BC)
- 4975.96 **UGANDA UBC** Kampala 0344-0355 slow pop song; W ancrs w/ EE banter; promos & ancment; best heard in SSB w/ fast QSB; 9+15 sig; het nulled w/ notch-filter; crackle at times; f-p; 10/21. (Serra-Italy) 4976 2147-2225* Series of romantic songs w/ short ancments by M anc in EE; ID & several ancments at 2157 followed by "La Bamba"; more lcl mx later w/ carrier terminated while M anc was speaking; p-f; 11/3. (DiAngelo-PA) 2112-2120 EE w/ Afropops; fair; 11/13. (Wlodarski-NJ)
- 4985 **BRAZIL R. Brazil Central** Goiania 0448-0503 M anc w/ mx prg w/ PP ballads & romantic songs; ID & freq at 0501; best heard in USB to avoid strong het; fast QSB; strong static crashes; strong RTTY from 0457 nulled in w/ inter-audio filter; poor; 10/12. (Serra-Italy) 0017-0020 Upbeat mx; poor band condx; 20-30dB sig w/ rapid QSB; p-f; 10/16. (Parker-PA) 0214-0322 M anc w/ long talk in PP; ID at 0230 followed by diff. M anc w/ mx prg; p-f; 10/30. (DiAngelo-PA) 2250 Noted here w/ exc. sig; always seems strong; 11/3. (Wilkner-FL)
- 4986.35 **PERU R. Manantial** Huancayo 1105 Mx & M anc; f/out; seems irr.; 11/3. (Wilkner-FL)
- 4990 **INDIA AIR Itanagar** 1338 Back on the air again; non-stop indigenous chanting/singing; 1400 switched to SC mx; 1415 the usual nx in Hindi followed by nx in EE w/ "Now the weather forecast" along w/ temperatures; 1430*; carrier stayed on until 1435; tuned away, so was a v. early s/off unless the audio came back on again; 11/3. (Howard-CA)
- 4990 **SURINAME R. Apintie** Paramaribo 0941-0945 M anc in Dutch w/ relig talk; fair; 10/17. (Wlodarski-NJ) 0752-0800 Pop mx prg; fair; 10/24. (Wlodarski-NJ) 0519-0526 Pop mx; 60dB & near exc. at t/in; atmospherics then sucked the audio out of it while carrier lvl remained unchanged; 10/26. (Parker-PA) 0613 Golden pop songs in EE & lcl lang; 0631 ID partially heard as "...Happy Station..."; poor; 10/31. (Sellers-SLDX/ON)
- 5000 **HAWAII WWVH** Kekaha 0900 W time ancments & ancment at 0902 re tests at WWV on 11/4; good under WWV-Ft. Collins; 10/31. (Coady-ONT)
- 5010 **INDIA AIR Thiruvananthapuram** 1345-1510 Live rptng from the Commonwealth Games; cmntary about Tintu Luka, the 21 year old Indian who was about to run in the women's 800m final; ancrs in Hindi & EE; 10/11. (Howard-CA) 1657-1712 Hindi vcls w/ percussion; best heard in LSB to null light ute; fast QSB; co-ch. USB QRM via (P) Madagascar; almost fair; 10/19. (Serra-Italy) 1612-1637 Lcl bow & strings mx; noted here in // w/ five other 60m AIR stns; best heard in SSB w/ mild co-ch. QRM via (P) Madagascar; good; 10/30. (Serra-Italy) 1200-1205 Hindi type mx; 1203 M anc w/ nx; p-f; 11/14. (Wlodarski-NJ)
- 5010.01 **MADAGASCAR RTV Malagasy** Antananarivo *0212-0310 Reduced carrier USB; s/on w/ lcl mx; Malagasy talk; 25 second IS at 0231 followed by choral NA; lcl guitar mx; Malagasy talk & lcl mx; p-f; 10/14. (Alexander-PA) 5010 1747-1827 M anc w/ talk & Afropop; W anc w/ (P) ID over drum beat; pop song in FF/vern.; ancments at 1758 into mx prg w/ some famous lyric songs; "Va Pensiero sull'ali dorate" from il Nabucco of Giuseppe Verdi; "Adeste Fideles-Venite Adoremus"; "La Donna È mobile" from Rigoletto of Giuseppe Verdi; "Libiamo ne' lieti calici" from La Traviata of Giuseppe Verdi; M anc over brief "Granada" lyric; hrd in Usb w/ fast qsb & strong statics crashes; some birdies after ToH; poor/ almost fair; 10/19. (Serra-Italy) 0226 Mx; W anc in Malagasy; on earlier than listed 0300; poor; 10/30. (Sellers-SLDX/ON) 0222 Lively lcl vcls & instrumentals then choral song at 0226; M & W ancrs w/ freq & ID at 0229; fair; 10/30. (Coady-ONT)

- 5020 **SOLOMON ISLANDS SIBC** Honiara 1158 Usual s/off routine; M ancr in EE w/ devotional; W w/ ID; ancments & anthem at 1202; poor; 10/14. (Sellers-BC) 0918-0925 M ancr in EE w/ lcl nx cmntary; fair; 10/23. (Wlodarski-NJ)
- 5025 **AUSTRALIA VL8K** Katherine *2129-2146 S/on; M & W w/ nx; ID as "ABC News"; M & W ancr w/ talk; pop mx; best heard in SSB; strong buzz & RTTY at times; poor; 10/18 & 19. (Serra-Italy)
- 5025 **CUBA R. Rebelde** Havana 2255 Lively LA mx; M ancr in SS w/ "Rebelde, la voz de la revolucion" ID at 2259; vg; 10/29. (Coady-ONT)
- 5030 **MALAYSIA-SARAWAK RTM Sarawak FM** Kuching 1425-1502 (P); Vcls; 1502 M ancr w/ nx; poor; improving to good; 11/4. (Sellers-BC)
- 5040 **CUBA RHC** Havana 0538 The squealing RHC txmitter is here in SS; introducing deportes segment of Revista Informativa de la Tarde playback in the madrugada; as previewed by Arnie, RHC has moved its 5040 EE b/cast an hour later to 0000-0100; 0013 DXers Unlimited is underway; 10/31 & 11/1. (Hauser-OK)
- 5040 **INDIA AIR Jeypore** 1345-1510 Live rptng from the Commonwealth Games; cmntary about Tintu Luka, the 21 year old Indian who was about to run in the women's 800m final; ancrs in Hindi & EE; 10/11. (Howard-CA) 1236-1436 Live coverage of the second ODI cricket match between India & Australia; in Aussie accented EE & Hindi; cut away for nx in Hindi from 1345-1355; frequent ads; Allen Sollyis "My World, My Way", etc.; //5010-Thiruvananthapuram; I always enjoy the AIR Jeypore rptng of the major cricket matches, as it gives me a chance to hear some EE from them; 10/20. (Howard-CA) 1441-1503 (P); Asian stringed instrumental mx; weak audio at t/in improving to poor; 11/4. (Sellers-BC)
- 5044.98 **BRAZIL R.Cultura do Para** Belem 0210-0235 Non-stop mx prg w/ PP slow romantic songs; ancmt ment. Cultura Brasil Para; best heard in SSB w/ inter-audio filter; moderate splash via 5040-Rebelde; lite crackle at times; fair; 10/30. (Serra-Italy) 5045 0349 (P); V. pleasant samba; good; equal strength to 5025-Rebelde; 10/14. (Taylor-WI) 0925-0930 Commercials by M ancr; 0930 ID w/ TC & freq ancment; fair; 10/17. (Wlodarski-NJ) 0723-0740 ID in PP followed by ballad type mx; good; 10/23. (Wlodarski-NJ) 0538-0543 Upbeat jazz w/ W vcl in PP; 80dB & outstanding audio in synchro USB; exc.; 10/26. (Parker-PA)
- 5050 **CHINA Guangxi Beibu Bay Radio** Nanning 1139-1145 (T); W ancr in Thai w/ long cmntary; (P) nx prg; fair; 10/11. (Wlodarski-NJ) 1426-1504 (P); Vcls; ancr w/ talk; ballad; p-f; 11/4. (Sellers-BC) 1139-1150 Western type pop mx in Vietnamese; fair; 11/4. (Wlodarski-NJ)
- 5050 **INDIA AIR Aizawl** 1224 Cmntary in EE; 1225 in Hindi; 1230 "This is All India Radio. The news read by O Mumbai is all set to welcome US President Barack Obama tomorrow O"; 1235 into indigenous semi-relg sounding singing; rare for this to be heard mixing at such a decent lvl w/ Guangxi Beibu Bay Radio (BBR); which was in Vietnamese; 11/5. (Howard-CA)
- 5075 **CHINA V. of Pujiang** Shanghai 1252 (P); Some talk audible; v. poor, presumably V. of Pujiang Shanghai; which per R. Howard has just reactivated this winter freq; 10/11. (Hauser-OK) 1427-1504 CC talk & mx; some sounded almost samba-like; p-f; 11/4. (Sellers-BC) 1130-1135 M ancr w/ long talk in CC; f-g; 11/14. (Wlodarski-NJ)
- 5459.72 **PERU R. Bolivar** La Libertad 1105 Noted here w/ mx; f/out; 11/2. (Wilkner-FL) 5459.8 2340-0000 Acappella mx into rustic Peruvian music; 10/19. (Wilkner-FL)
- 5765U **GUAM AFN** Barrigada 1207 Rick Morgan's show "Morgan in the Morning"; C & W songs as opposed to the usual AFN SW prgming of mostly nx/talk & feature bits; NOT //4319-Diego Garcia; except when they both were // from 1300-1306 w/ nx; then back to C & W songs; some military PSA; these were not // either; in the past was ALWAYS parallel to AFN Diego Garcia w/ the usual format of nx/talk & feature bits; 11/3 & 4. (Howard-CA) 1640 Their mostly mx format is no longer an anomaly, but now is firmly established; "Z Rock" show w/ alternative rock played by Brian Curry; earlier, after 1200 to past 1400 heard w/ "Mainstream Country" w/ the "Morgan in the Morning" show of C & W songs; AFN Diego Garcia continues to b/cast the usual AFN SW prgming of mostly nx/talk & feature bits; ToH nx is the only time I have found them briefly in //; 11/13 off the air; 11/10. (Howard-CA) 1325 Now w/ mx format instead of talk; a nonsensical change for the worse perhaps at the whim of whoever controls this txmitter; C & W mx as R. Howard has been rptng; no Diego Garcia audible on 4319 for comparison; nor Florida on 5446.5; 11/11. (Hauser-OK)
- 5770 **MYANMAR Myanmar Defense Forces BC** Taunggyi 1522-1530* (P); In vern. w/ pop & indigenous songs; off w/ the usual selection of indigenous mx; 11/8. (Howard-CA)
- 5810 **KUWAIT R. Farda** Umm Al-Rimam 2302-2312 (P); Iranian pop mx w/ short ancments by W; v. poor; just above the noise w/ little fading; 11/13. (Evans-TN)
- 5865 **FRANCE R. Algerienne** Issoudun 0547-0558* M ancr in AA; abruptly off mid-sentence; 75dB sig; exc.; 10/26. (Parker-PA)

International Band Loggings


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- 5925 **CHINA CNR-5** Beijing in CH *1056-1112, soft instrumental music, ID, announcements, news w/ YL and OM alternating items, short music b/w items, more music, p-f (D'Angelo PA 11/4)
- 59542v **COSTA RICA ELCOR-Radio Republica** in SP 0330-0355, announcement w/sound of a touch-tone phone, ID, poor w/jammer QRM (Alexander PA 10/30)
- 5960 **TURKEY V of Turkey** in EG 2313, OM w/detailed recipe for cherry pudding, 2 minutes of ID in TK, talk by YL in EG beginning 2318, fair w/little fading (Evans TN 11/13)
- 60251v **DOMINICAN REPUBLIC R Amancer** Santo Domingo in SP 2330-0012, interviewing a YL, more talk with short music segments until ID at 0006, vocal, p-f (D'Angelo PA 11/2) in SP 2242, slow contemp religious vocal music w/short announcements, p-f (Evans TN 11/13) in SP 0035, instrumental religious music, recorded program of a preacher, poor w/severe QRM (Sellers BC 11/9) in SP 1103, religious talk in SP, ID, light instrumental music, poor w/AC splatter (Alexander PA 11/12)
- 6010 **CANADA R Sweden Int'l** relay in EG 0135, mention of going off shortwave after 72 years, banking news, economy doing very well, ID, discussion of reasons for going off shortwave, program of past broadcasts of R Sweden, S-9 signal (Montgomery PA 10/30)
- 6010 **IRAN VOIRI** Kamalabad in EG 2013, Koran-like vocals, commentary on legalized abortions, language lesson, news headlines, IS, fair until Romania s/on at 2030 (Barbour NH 11/5)
- 6010v **COLOMBIA LV de tu Conciencia** Puerto Lleras in SP 0420, talk, local music, short ID in EG w/call letters then ID as "The Voice of Your Conscience", fair (Alexander PA 10/23)
- 6020 **AUSTRALIA R Australia** in Tok Picsin 0950, radio drama "Radio Play #390", ID 0955, into island music, good (Coady ONT 10/30)
- 6050 **ECUADOR HCJB** Quito in Dialect 0003-0034, mention of Quito at t/in, ranchero music, children singing, flute music, 4 time pips at 0030, IS, more kids singing, S-7 w/fades (Montgomery PA 11/2)
- 6070 **CANADA CFRX** Toronto in EG 2330, John Tory show, ID, weather and news, f (Sellers BC 11/8)
- 6075 **RUSSIA GTRK Kamchatka** via Petropavlovsk in RS 0810-0900 (formerly 0710-0800), local and regional programming, interviews, local news and music, IDs "Radio Rossii Kamchatka" and ID in EG at 0830 "This is Kamchatka", audio hum (Howard CA 11/10)
- 6120 **IRAN Voice of Justice** in EG *0100, nice piano music, ID, into Qur'an, spiritual commentary then announcement of a Muslim death, program lineup, newscast containing mostly information about the USA (Montgomery PA 11/8)
- 61349v **MADAGASCAR RTVM** in Malagasy 1440-1513, excited reporting of a live sporting event (soccer?), break in the action at 1502 to play non-stop Hi-Li music until game resumed, fair, //5010 in USB + carrier mode, 7105 remains off the air (Howard CA 10/24)
- 6145 **ROMANIA RRI** Bucharest in EG 0105, talk about Listeners' Day, send in reports for CD of early broadcasts back to 1928, news at 0106 (Montgomery PA 11/7)
- 6160 **CANADA CKZN** St. Johns, Newfoundland in EG 2356, program of pop songs of the 1960s, CBC ID and St. Johns weather report, poor but readable (Ronda OK 11/6)
- 6165 **CHAD R Chad** N'Djamena in FR *0428-0459, s/on with Balafon IS, anthem, talk, some Afro-pop music, frequency drift, poor covered by R Nederland s/on 0459 (Alexander PA 10/23) in FR 2151 with Hilife music hosted by OM, ID, news 2200, fair (D'Angelo PA 10/31) in FR 2205, speeches and recordings of talks, Hilife and pop-style music, anthem by band at 2300 s/off, poor (Sellers BC 10/30) in FR 0506, Afro-pop song, brief talks over song, mentioned N'Djamena, ID at 0530, local news with correspondent's reports and political talks, good-fair (Serra ITALY 11/4)
- 6190 **BOSNIA Int'l Radio Serbia** relay in EG 0142-0202, classical music and commentary on composer, talks about Belgrade concerts and more beautiful classical music, IS, ID, news items at 0200, signal was 20 dB over S-9 with little fading (Montgomery PA 11/1)
- 6200 **TIBET Xizang PBS** via Lhasa in EG 1530-1600, "Holy Tibet" show w/news about Tibet; "Tourism of Tibet" with very vivid description of Ranwu Lake, very enjoyable program, good (Howard CA 10/27)
- 6200 **BULGARIA R Bulgaria** in FR 2100, IS, ID, frequency, schedule, news, good (McGuire MD 11/4)
- 6240 **MOLDOVA Radio PMR** Pridnestrovye relay via Kishinev in EG/FR 2230-2300, ID in EG at opening, news and contact info, local music, into FR programming 2300, good (Alexander PA 11/14)
- 6280 **INDIA AIR** Bengaluru in EG 2153-2215, traditional Hindu vocals, pop recording, ID, news, into commentary on China, good signal, //9445 only fair (D'Angelo PA 11/10)
- 6875 **TAIWAN Radio Taiwan Int'l** in EG 0346, two YL's talking about Taiwanese athletes, mailbag program, feature "A City in Bloom" marking Taipei's international floral expo, vg (Sellers BC 11/9)

- 7200 **SUDAN Radio Omdurman** Al Fitahab in AR 0237-0310+, s/on with Qur'an, local chants and music, Horn of Africa style music, fair w/some Ham QRM (Alexander PA 11/7) in AR 2006-2030, talk b/w AR music selections, wiped out by co-channel Iran s/on 2030 (Barbour NH 11/6)
- 7235 **NORTHERN MARIANAS VOA** relay via Tinian Is. in KR 1348, two YLs with an EG lesson about a complimentary hotel breakfast, fair to good, //9555 good (Sellers BC 11/13)
- 7240 **TURKEY V of Turkey** in EG 0448-0458*, local music, talk by TL, ID, schedule and announcements at closeout, IS, poor to fair (Evans TN 11/2)
- 7245 **MAURITANIA R Mauritanie** in AR 0025, sub-Saharan vocals, OM w/brief talk, more music and a brief ID at 0056, very good (Coady ONT 10/30) in AR 2349-0016, music program with AR talks at 0000, ID and frequency? announcements, more music, good (D'Angelo PA 11/5) in AR 0050, AR vocals, YL and OM interviewing the singer, s/off 0100, good (Sellers BC 11/9) in AR *0617-0640, abrupt s/on and into Qur'an, talk, fair (Alexander PA 11/13) in AR 0632, AR vocals, YL and OM announcers over wind instruments, chants, fair w/7250 Vatican splash (Barbour NH 11/7)
- 7290 **SLOVAKIA IRRS** Milano relay via Rimavska Sobota in EG 1826, airing Glenn Hauser's World of Radio program, poor but much better after 1900 (Sellers BC 10/30) in EG 1945, Allan Graham with DX Party Line, ID, address for reception reports and s/off at 2000, p-f (D'Angelo PA 11/6)
- 7350 **NIGERIA Radio Nigeria** Abuja in EG *0541-0600, s/on w/test tone and into local tribal drumming and whistling, anthem at 0547, pop music 0550, local drums, ID, news, weak signal (Alexander PA 10/28) in EG *0541-0603, carrier w/tone at 0541, tribal music at 0544, anthem, low audio talk by OM at 0546, R&B type music, YL w/low audio talk, fanfare, prayer or religious talk, drums and ID at 0600, news of Nigeria and Africa w/both in-studio and remote reporters, fair to good signal (Evans TN 10/20)
- 7375 **GERMANY V of Croatia** relay via Wertachtel in EG 0307, news, ID, sports resume, weather report, excellent reception (Sellers BC 11/9)
- 7395 **MADAGASCAR WYFR Family Radio** relay in EG 1828, numerous IDs, website, Harold Camping speaking, very poor but better after 1900 (Sellers BC 10/30)
- 7445 **ASCENSION ISLAND BBC** relay in EG 0333, ending news at t/in, time check for Ghana and into feature about abortions in Ghana, fair, //7255 also Ascension w/good signal (Sellers BC 11/9)
- 7550 **INDIA AIR** Bengaluru in EG 2053, YL hosting a Bollywood music program which included some dialogue from a 1981 movie, ID at 2059, very good, //s at 6280 and 9445 (Coady ONT 11/5)
- 7595 **SRI LANKA Radio Farda** relay via Iranawila in Persian 2238, Mid-Eastern songs as well as Tom Jones "It's Not Unusual", fair with RTTY QRM (Sellers ONT 10/29)
- 9345 **NORTH KOREA Voice of Korea** Kujang in EG 0322, YL with commentary, ID, patriotic music, fair with muffled audio (Sellers BC 11/9)
- 9450 **TAIWAN Sound of Hope** via Yunlin in CH 1500, IDs, theme, contemporary rap, introduction to program of YL and OM announcers alternating, fair with jamming (Taylor WI 10/30)
- 9455 **PORTUGAL RDPI** Lisbon in EG 0057-0132, beamed to NA, pop music, promo announcements prior to time pips 0100, ID, sports program re Europa League, more pop music, good (D'Angelo PA 11/5)
- 9495 **MADAGASCAR R Sweden** relay in EG 2034, news, weather, ID, program preview including a look back at 72 years of broadcasting history, feature on Radio Sweden's SW and MW broadcasting history interview, 2059 closedown and gone for good from SW, very good signal (Sellers ONT 10/29)
- 9525v **INDONESIA V of Indonesia** Jakarta in KR/EG *0953-1015, abrupt s/on in KR w/talk and pop music, into EG programming at 1000, IDs, contact info, program review, news, fair (Alexander PA 11/12)
- 9645 **ROMANIA RRI** Bucharest in EG 0330, YL w/features in EG followed by ID at 0330 and a feature about the European Union, fair due to QRN (D'Angelo PA 10/28)
- 9720 **THAILAND R Thailand** Udorn Thani in EG 1251, OM/YL with "Global News", ID 1253, tourism piece promoting a Bangkok restaurant, fair (Sellers BC 11/4)
- 9765 **NEW ZEALAND RNZI** in EG 1015, jazz music, ID 1020 and announcements, back to more jazz at 1025, another ID at 1042, signal level S6 w/slight fades and weak audio (Montgomery PA 11/10)
- 11690 **SOUTH AFRICA R Okapi** relay via Meyerton in FR *0359-0459*, ID, frequency, news, discussion features, closedown announcements prior to carrier cut, good (D'Angelo PA 11/10)
- 11720 **GUAM KSDA Adventist World Radio** relay via Agat in EG 1613, OM w/Indian accent preaching about Jesus and the Holy Spirit, mention of India address, poor (Sellers ONT 10/30)
- 11765 **BRAZIL Super Radio Deus e Amor** Curitiba in PT 0051-0130, OM preaching, ID, frequency followed by group vocals, more preaching at 0109, fair (D'Angelo PA 10/30)
- 11815 **BRAZIL Radio Brasil Central** Goiania in PT 0048-0246, nice program of Brazilian pop music hosted by OM, talks, full ID and frequency 0100, more great music, good, //4985 poor (D'Angelo PA 11/4)
- 11885 **CANADA China Radio Int'l** relay via Sackville in EG 1347, "Mediascan" feature discussing text messaging popularity and practices, good, //9655 very poor via China (Sellers BC 11/4)

- 11905 **SRI LANKA SLBC** Colombo in EG *1529-1605, abrupt on w/ads for National Savings Bank mentioning "Economic News from National Savings Bank, your family bank", ID, TC, "Radio Ceylon calling out to India" alternating talks by OM/YL in EG and HD, local music, Beatles recording w/OM and YL hosts periodically introducing songs, fair (D'Angelo PA 10/31)
- 13590 **ZAMBIA CVC International One Africa** via Lusaka in EG 1900. YL in prayer w/music background, religious song "Broken People", news about babies w/AIDS, lots of dead air breaks during news, rap tune 1911, ad, ID 1916, music, more dead air breaks - loss of audio but not carrier, YL with living life comments, phone # for call-ins, S-9 signal w/slight fades (Montgomery PA 11/3)
- 13745 **THAILAND R Thailand** Udon Thani in EG 0003-0029*, YL/OM team with the news, ID 2011, promo announcements, TC followed by more news, short features, abrupt s/off, poor (D'Angelo PA 11/11)
- 15190 **EQUATORIAL GUINEA Radio Africa** Bata in EG 1605, series of religious shows "The People's Gospel Hour", mailing address in Halifax, Nova Scotia and Boston, fair-poor (Howard CA 11/10) in EG 0634, t/in to rare ID with e-mail address, several preachers w/American rather than African accents, deep fades but signal peaking at S9-10 (Hauser OK 1/14)
- 15290 **ROMANIA RRI** Bucharest in AR *1500, IS, ID, frequency, schedule, news, g (McGuire MD 11/4)
- 15295 **MALAYSIA V of Malaysia** Kajang in CH 1148-1201*, light pop music, pop ballad, 2 pips at 1200 and into canned ID, fair-poor w/15300 RFI Issoudon splash (Barbour NH 11/9)
- 15570 **VATICAN CITY Vatican Radio** in SH *1600, IS, ID, religious program to Africa, g (McGuire 10/27)
- 15690 **FRANCE R Taiwan** relay via Issoudon in EG 1705, report on spread of malaria, f (Fraser ME 10/11)
- 17620 **AUSTRIA Austrian Military Radio Society** in GM *1559-1629*, special broadcast with Morse code opening followed by several IDs and frequency announcement all in GM although many EG words, OMand YL with talk followed by one of many bursts of Morse code. All long talks in GM with nice ID at closedown, fair to good signal (D'Angelo PA 11/7, Ronda OK 11/7)
- 17695 **GERMANY Radio Farda** relay via Lampertheim in Farsi 1415, lively local vocals, OM with "Radio Farda" ID at 1418, YL with talk, good (Coady ONT 10/30)
- 17700 **ASCENSION ISLAND South Sudan Interactive Radio Service** relay in AR *1558-1659*, Horn of Africa instrumental music IS, ID, talks in AR, brief music segments, program closed with musical selections from 1648, ID and announcements, poor to fair (D'Angelo PA 10/28)
- 21655 **PORTUGAL RDP** Lisbon in PT 1552, pop music, small talk, promo, ID, fair (Coady ONT 10/30)
- 21695 **LIBYA Voice of Africa** via Sabrata in EG 1436, war news from Afghanistan, YL ending news "from Radio Jamahiriyah", ID as "Voice of Africa from the Great Jamahiriyah", Beethoven's Ninth theme, Reading from the Green Book, part 1: "solution to the problem of democracy", S9+15 and much stronger than //17725. (Hauser OK 11/9)

Clandestine And Opposition Stations

- 5985nf **JAPAN Shiokaze/Sea Breeze** via Tokyo in JP *1359, piano at opening, "Kochirawa Shiokaze desu" ID, usual programming, peak signal S9+10 with no jamming (Hauser OK 11/1)
- 6297v **ALGERIA National Radio of the Saharan Democratic Republic** relay via Rabouni in AR 2135, OM announcer, songs, fanfare 2201, mentioning Sahara, good (Sellers ONT 10/29)
- 7165 **ETHIOPIA Voice of Peace and Democracy** relay via R Ethiopia in Tigrinya *0354-0430*, s/on with Horn of Africa music and opening ID sequence, talk at 0400, local music, covered by noise jammer at 0355, fair to good on //9560v (Alexander PA 10/29)
- 7210 **ERITREA Voice of the Broad Masses** relay via Asmara in Tigrinya 0356-0415, IS consisting of Horn of Africa music and a quick announcement by OM repeated, talk by OM 0400 with a few bars of music poor signal fading up to moderate at times (Evans TN 11/2)
- 95606v **ETHIOPIA Voice of Peace and Democracy** relay via R Ethiopia in Tigrinya *0349-0430*, open carrier until Horn of Africa music starting at 0355, ID 0358 and opening announcements followed by news, program of music starting at 0420, poor (D'Angelo PA 11/3)
- 11510 **MADAGASCAR Radio Dabanga** relay in AR 1700, lively local music, OM with talk and ID at 1702 followed by singing ID, good (Coady ONT 10/30)
- 17725 **FRANCE Radiyo YAbaganda** relay via Issoudon in Vernacular *1700-1715*, sudden on with African music followed by OM in studio interviewing another OM from a remote location, carrier suddenly cut at 1715, fair (D'Angelo PA 11/6) ED: Scheduled only on Saturdays for 15 minute transmission. 

NASWA

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

Times & Frequencies In English

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Relay sites: a= Ascension, A= Almaty, Kazakhstan, b= Bonaire, c= Sackville Canada, d= Dhabbaya, UAE, e= Espana (Spain), f= WYFR Florida, F= Issoudon, France, g= Agat, Guam, G= Montsinery, French Guyana, h= Havana, k= Kigali Rwanda, K= Kishinev, Moldova, l= Sri Lanka, L= Sitkunai, Lithuania, m= Meyerton, RSA, M= Moosbrun, Austria, N= Nauen, Germany o= Bamako Mali, p= Tinang, Philippines, P= Palau, q= Cerrick/Flaake, Albania, r= Russia (various), s= Sines Portugal, S= Singapore, t= Talata, Madagascar, T= Tinian, u= Skelton/Rampisham UK, U= Tashkent, Uzbekistan, v= Taiwan, V= Santa Maria de Galeria, Vatican, w= Werchatal Germany, x= Xian/Kashi/Kunming/Urumchi China, y= Yamata Japan, Z = Zambia

Abbreviations: /= target area divider, 1st< or >2nd half hour, Af= Africa, As= Asia, CA= Central America, Eu= Europe, FE= Far East, LA= Latin America, ME= Middle East, NA= North America, Nat = National, Pa= Pacific, e= east, n= north, s= south, w= west, Int= International, R= Radio, VO= Voice of

ALBANIA R TIRANA	0130-0145	NA	6130	Tuesday to Sunday
ALBANIA R TIRANA	0245-0300	NA	6130	Tuesday to Sunday
ALBANIA R TIRANA	0330-0400	NA	6100	Tuesday to Sunday
ALBANIA R TIRANA	0430-0500	NA	6100	Tuesday to Sunday
ALBANIA R TIRANA	1530-1600	NA	13640	Monday to Saturday
ALBANIA R TIRANA	1945-2000	Eu	7465 11635	Monday to Saturday
ALBANIA R TIRANA	2100-2130	Eu NA	7530 9895	Monday to Saturday

ANGUILLA CARIBBEAN	1000-2200	NA	11775	
ANGUILLA BEACON	2200-1000	NA	6090	

Relays Dr. Gene Scott University Network

RAE ARGENTINA	0200-0300	NA	11710	Tuesday to Saturday
RAE ARGENTINA	1800-1900	Eu	9690 15345	Monday to Friday

AWR AFRICA	1800-1830	Af	3215m 3345m	11830m
AWR AFRICA	2100-2130	WAf	9830M	

AWR ASIA	1200-1230	SEAs	15495N	
AWR ASIA	1330-1400	SAs	11935g	Sunday, Tuesday
AWR ASIA	1330-1400	SEAs	15660g	
AWR ASIA	1500-1530	SEAs	12025g	
AWR ASIA	1600-1630	SEAs	9595g 11690g	
AWR ASIA	1630-1700	SAs	9790g	
AWR ASIA	2230-2300	SAs	15320g	

HCJB AUSTRALIA	0245-0300	As	15400	
HCJB AUSTRALIA	0730-0930	Pa	11750	
HCJB AUSTRALIA	1230-1330	As	15400	(Saturday 1300-1330)
HCJB AUSTRALIA	1445-1530	As	15340	

RADIO AUSTRALIA	0000-0100	As Pa	9660 12080 13690 15240 15415 17715 17750 17795	
RADIO AUSTRALIA	0100-0200	As Pa	9660 12080 13690 15240 15415 17715 17750 17795	

RADIO AUSTRALIA	0200-0400	As Pa	9660 12080 13690 15240 15415 15515 17750
RADIO AUSTRALIA	0400-0500	As Pa	9660 12080 13690 15240 15415> 15515 17750
RADIO AUSTRALIA	0500-0600	As Pa	9660 12080 13630 13690 15160 15240 15415> 17750
RADIO AUSTRALIA	0600-0700	As Pa	9660 12080 13630 13690 15160 15240 <15290* 15415> 17750 *Sat/Sun
RADIO AUSTRALIA	0700-0800	As Pa	9475 9660 9710 11945 12080 13630 15160 15240
RADIO AUSTRALIA	0800-0900	As Pa	5995 9475 9485 9580 9590 9710 11945 12080 13630
RADIO AUSTRALIA	0900-1100	As Pa	9475 9485 9580 9590 11945 12080
RADIO AUSTRALIA	1100-1200	As Pa	5995 6020 6140S 9475 9485 9560 9580 9590 9965P 11945
RADIO AUSTRALIA	1200-1300	As Pa	6020 6140S 9475 9485 9560 9580 9590 9965P 11945
RADIO AUSTRALIA	1300-1400	As Pa	6020 9485 9560 9580 9590
RADIO AUSTRALIA	1400-1500	As Pa	5995 6080 7240 9475> 9590 <11825
RADIO AUSTRALIA	1500-1600	As Pa	5995 6080 7240 9475 9590 11825
RADIO AUSTRALIA	1600-1700	As Pa	5995 6080 7240 9475 9710 11825
RADIO AUSTRALIA	1700-1800	As Pa	5995 6080 9475 9580 9710 11880
RADIO AUSTRALIA	1800-1900	As Pa	6080 7240 9475 9580 9710 11880
RADIO AUSTRALIA	1900-2000	As Pa	6080 7240 9475 9500 9580 9710 11880
RADIO AUSTRALIA	2000-2100	As Pa	6080* 7240* 9500 9700 11650 11880 12080* *Sat/Sun
RADIO AUSTRALIA	2100-2200	As Pa	9500 9660 9700 11650 11695 12080 13630 15515
RADIO AUSTRALIA	2200-2300	As Pa	11695 12080 13590P 13630 15230 15240v 15360 15415 15515 15560
RADIO AUSTRALIA	2300-2400	As Pa	9660 <11695 12080 13590P 13690 15230 <15240v 15360 15415 15560 17750> 17795
RADIO AUSTRIA INT	0609-0612	Eu	6155 Monday to Friday
RADIO BANGLADESH	1230-1300	As	7250
RADIO BANGLADESH	1745-1900	Eu	7250
BELARUS RADIO MINSK	2100-2300	Eu	6155 7360 7390
RADIO BULGARIA	0000-0100	NA	5900 7400
RADIO BULGARIA	0300-0400	NA	5900 7400
RADIO BULGARIA	0730-0800	Eu	5900 7400
RADIO BULGARIA	1830-1900	Eu	6200 7400
RADIO BULGARIA	2200-2300	Eu	6200 7400
RADIO CANADA INT	0000-0057	SEAs	9880x
RADIO CANADA INT	0004-0104	NA	9755 Tuesday to Saturday
RADIO CANADA INT	0104-0204	NA	9755
RADIO CANADA INT	1500-1557	As	9635x 11975x
RADIO CANADA INT	1604-1804	NA	9610
RADIO CANADA INT	1800-1859	Af	9740x 11845V 15365 17790
CHINA RADIO INT	0000-0100	NA/Eu/As	6020q 9570q/ 7350 / 6005 6180 7425 9425 11650 11790 11885
CHINA RADIO INT	0100-0200	As	6075 6175 9420 11650 11885
CHINA RADIO INT	0100-0200	NA/Eu	6005c 6020q 6080c 9570q 9580h/ 7350 9410
CHINA RADIO INT	0200-0300	As	11785 13640 15435>
CHINA RADIO INT	0300-0400	NA/As	6190c 9690e 9790h/ 9460 11785 13620 15110 15120
CHINA RADIO INT	0400-0500	NA/As	6190c/ 9460 13620 15120 17725 17855
CHINA RADIO INT	0500-0600	NA/At/As	5960c 6190c/ 7220q 17505/ 11880 15350 15465 17540 17725 17855
CHINA RADIO INT	0600-0700	NA/At/As	6115c/11750q 17505 /11770 11880 13645 15145 15350 15465 17540 17710
CHINA RADIO INT	0700-0800	Af/As	11785q 17490 /15125 /11880 13645 15350 15465 17540 17710
CHINA RADIO INT	0800-0900	Eu/At/As	11785q 17490 /15625 / 9415 11880 15350 15465 17540
CHINA RADIO INT	0900-1000	Eu/As/Pa	15270 17490 17570 / 9415 15350 17750 /15210 17690
CHINA RADIO INT	1000-1100	Eu/Pa	17490 /15210 17690
CHINA RADIO INT	1000-1100	As	5955 7215 11640 13590 13720 15190 15350
CHINA RADIO INT	1100-1200	Eu/NA/As	13665q 17490 / 5960c/ 5955 9570 11650 11795 13590 13645 13720
CHINA RADIO INT	1200-1300	As	5955 7250 9460 11650 11690 12105
CHINA RADIO INT	1200-1300	Eu/As/Pa	13665q 13790 17490 / 9600 9645 9730 11980 / 9760 11760
CHINA RADIO INT	1300-1400	NA/As	9570h 11885c 15230c/ 5955 7300 9655 9730 9765 9870 11980
CHINA RADIO INT	1300-1400	Eu/Pa	13670 13790 /11760 11900
CHINA RADIO INT	1400-1500	NA/As	13675c 13740h 15230c/ 5955 7300 9460 9765 9870 11665
CHINA RADIO INT	1400-1500	Eu/Af	9700 9795 /13685o 17630o
CHINA RADIO INT	1500-1600	Eu/Af	9435 9525 / 6095 9720 13685o 17630o
CHINA RADIO INT	1500-1600	NA/As	13740h/ 5955 7325 7405 9785 9870
CHINA RADIO INT	1600-1700	Eu/Af	7255 9435 9525 / 7420 7435 9570
CHINA RADIO INT	1600-1700	As	6060 7235

CHINA RADIO INT	1700-1800	Eu/Af	6100 7205 7255 / 7435 9570
CHINA RADIO INT	1700-1800	As	6090 6100 6140 7410 7420 7425 9600
CHINA RADIO INT	1800-1900	Eu/As	6100 7405/ 6165
CHINA RADIO INT	1900-2000	Af As	7295 9440
CHINA RADIO INT	2000-2100	Eu/Af	5960q 7285q 7415 9600 / 5985 7295 9440
CHINA RADIO INT	2000-2100	As	7295 9440
CHINA RADIO INT	2000-2130	Af	11640o 13630o
CHINA RADIO INT	2100-2200	Eu/Af	5960q 7285q 7415 9600/ 7205 7405
CHINA RADIO INT	2200-2300	As	5915
CHINA RADIO INT	2300-2400	Eu/NA/As	7350 / 5990h 6040c 11970c/ 5915 6145 7415 9610 11790
VOICE OF CROATIA	0300-0315	Eu NA	3985 7375w
VOICE OF CROATIA	0700-0705	Eu Pa	6165 17860S
VOICE OF CROATIA	1100-1105	Eu	7370
VOICE OF CROATIA	1700-1715	Eu	6165 Monday to Saturday
VOICE OF CROATIA	1700-1705	Eu	6165 Sunday
VOICE OF CROATIA	1905-1910	Eu	6165 Monday to Saturday
VOICE OF CROATIA	2315-2330	Eu LA	3985 7375w
CUBA RADIO HAVANA	0000-0100	CA	5040
CUBA RADIO HAVANA	0100-0500	NA	6000 6050
CUBA RADIO HAVANA	0500-0700	NA	6000 6010 6060 6150
CUBA RADIO HAVANA	2000-2100	NA	11760
CZECH RADIO PRAGUE	0100-0127	NA	7410
CZECH RADIO PRAGUE	0200-0227	NA	7410
CZECH RADIO PRAGUE	0400-0427	NA	7345
CZECH RADIO PRAGUE	0430-0457	ME	9855
CZECH RADIO PRAGUE	0700-0730	NA	9955 via WRMI Saturday and Sunday
CZECH RADIO PRAGUE	0800-0827	Eu	7345
CZECH RADIO PRAGUE	1000-1029	ME	21745
CZECH RADIO PRAGUE	1000-1030	NA	9955 via WRMI Saturday
CZECH RADIO PRAGUE	1130-1157	Eu	9880
CZECH RADIO PRAGUE	1400-1429	Eu	11600
CZECH RADIO PRAGUE	1700-1727	Eu	5930
CZECH RADIO PRAGUE	1800-1827	Eu	5930
CZECH RADIO PRAGUE	2100-2127	Eu	5930
CZECH RADIO PRAGUE	2230-2257	Af	7355
CZECH RADIO PRAGUE	2330-2357	NA	5930
EGYPT RADIO CAIRO	0200-0330	NA	6270
EGYPT RADIO CAIRO	1215-1330	sAs	17870
EGYPT RADIO CAIRO	1600-1800	Af	12170
EGYPT RADIO CAIRO	1900-2030	wAf	11510
EGYPT RADIO CAIRO	2115-2245	Eu	6270
EGYPT RADIO CAIRO	2300-0030	NA	11590
EQ GUINEA R AFRICA	0700-1200	Af	15190 Monday to Friday (Saturday, Sunday 0600-1330)
EQ GUINEA R AFRICA	1700-2300	Af	15190
Transmissions irregular			
RADIO ETHIOPIA	1600-1700	Af	7165 9560
RADIO FRANCE INT	0400-0430	Af	7315 9805 Monday to Friday
RADIO FRANCE INT	0500-0530	Af	9805 11995 13680 Monday to Friday
RADIO FRANCE INT	0600-0630	Af	7315 15160 Monday to Friday
RADIO FRANCE INT	0700-0730	Af	11725 Monday to Friday
RADIO FRANCE INT	1200-1230	Af	21620
RADIO FRANCE INT	1600-1700	Af	15605
Schedule valid until February 27			
RADIO FRANCE INT	0400-0430	Af	7315 9805 Monday to Friday
RADIO FRANCE INT	0500-0530	Af	9805 11995 13680 Monday to Friday
RADIO FRANCE INT	0600-0630	Af	9765 15160 Monday to Friday
RADIO FRANCE INT	0700-0730	Af	15605 Monday to Friday
RADIO FRANCE INT	1200-1230	Af	21620

RADIO FRANCE INT	1600-1700 Af	15605
Schedule valid from February 28		
GERMANY D WELLE	0000-0100 sAs	9445f 9785f 11855S
GERMANY D WELLE	0300-0400 As	11695f
GERMANY D WELLE	0400-0500 Af	5905s 5945s 6180k 9450k 15600f
GERMANY D WELLE	0500-0530 Af	6130s 6155s 6180k 9755k 12045k
GERMANY D WELLE	0600-0630 Af	5945u 7240s 15205k
GERMANY D WELLE	0900-1000 As	17710f 21780f
GERMANY D WELLE	1600-1700 As	5965f 9560f
GERMANY D WELLE	1900-1930 Af	9735k 13780f 15275s
GERMANY D WELLE	2000-2100 Af	9735a 9690u 13780f 15275f
GERMANY D WELLE	2100-2200 Af	7280s 9545f 11865k 13780f
VOICE OF GREECE	0600-0700 Eu	11645 (Saturday 0615-0630, Sunday 0630-0700)
VOICE OF GREECE	0900-1000 Eu As Pa	9420 15630 Sunday
KTWR GUAM	0820-0900 sAs	15170 Sunday to Friday
KTWR GUAM	0830-0910 Pa	11840 Monday to Saturday
KTWR GUAM	1400-1435 SAs	9975 (Monday and Thursday 1400-1425)
ALL INDIA RADIO	1000-1100 Pa As	7270 13695 13710 15020 15235 15260 17510 17800 17895
ALL INDIA RADIO	1330-1500 sAs	9690 11620 13710
ALL INDIA RADIO	1745-1945 Eu Af	6120 6280 7400 7410 7550 9415 9445 11935
ALL INDIA RADIO	2045-2230 Eu Pa	6280 7550 9445 9910 11620 11715
ALL INDIA RADIO	2245-0045 As	6055 7305 9705 9950 11645 13605
VOICE OF INDONESIA	0200-0300 As Am	9525
VOICE OF INDONESIA	0800-0900 As Am	9525
VOICE OF INDONESIA	1000-1100 As Am	9525
VOICE OF INDONESIA	1300-1400 As Am	9525
VOICE OF INDONESIA	1900-2000 As Am	9525
VoIR IRAN	0130-0230 NA	6120 7250
VoIR IRAN	1030-1130 seAs	15460 17630
VoIR IRAN	1530-1630 seAs	9915 11655
VoIR IRAN	1930-2030 Eu/Af	6010 6115L 6205 7320 11695 11860
IRELAND RTE	1930-2030 Af	6225m
IRELAND	1600-2330 Eu	3910 6295 12255 Reflections Europe Sunday
IRRS	0900-1000 Eu ME Af	9510 Saturday
IRRS	1030-1300 Eu ME Af	9510 Sunday
IRRS	1900-2100 Eu ME Af	6090
Transmitter believed to be in Slovakia		
RADIO JAPAN	0500-0530 Eu/NA	5975u/ 6110c
RADIO JAPAN	0500-0530 Af/As	9770F/15205U 17810
RADIO JAPAN	1000-1030 As/Pa	9605 11780U/ 9625 9840
RADIO JAPAN	1200-1230 NA/Eu	6120c/ 9790w
RADIO JAPAN	1200-1230 As/Pa	9695 / 9625
RADIO JAPAN	1300-1330 As	9875
RADIO JAPAN	1400-1430 As/Eu/Af	5955 / 9875 /21560F
KOREA KBS WORLD R	0200-0300 LA	9580
KOREA KBS WORLD R	0800-0900 As	9570
KOREA KBS WORLD R	1200-1300 NA	9650c
KOREA KBS WORLD R	1300-1400 As	9570
KOREA KBS WORLD R	1600-1700 Eu/As	9515/ 9640
KOREA KBS WORLD R	1800-1900 Eu	7275
KOREA KBS WORLD R	2200-2230 Eu	3955u
VO KOREA PYONGYANG	0100-0200 As/LA	7220 9345 9730/ 11735 13760 15180
VO KOREA PYONGYANG	0200-0300 seAs	13650 15100
VO KOREA PYONGYANG	0300-0400 As	7220 9345 9730

VO KOREA PYONGYANG	1000-1100	seAs/LA	6185 9850/ 6285 9335
VO KOREA PYONGYANG	1300-1400	Eu/NA	7570 12015/ 9335 11710
VO KOREA PYONGYANG	1500-1600	Eu/NA	7570 12015/ 9335 11710
VO KOREA PYONGYANG	1600-1700	ME Af	9990 11545
VO KOREA PYONGYANG	1800-1900	Eu	7570 12015
VO KOREA PYONGYANG	1900-2000	ME Af	7210 9975 11535 11910
VO KOREA PYONGYANG	2100-2200	Eu	7570 12015
RADIO KUWAIT	1800-2100	Eu	15540
LAOS LNR Vientiane	0600-0630	As	7145
LAOS LNR Vientiane	1330-1405	As	7145
LIBYA VO AFRICA	1400-1600	Af	17725 21695
VOICE OF MALAYSIA	0600-1000	As Pa	6175 9750 15295
MOLDOVA RADIO PMR	1830-1845	Eu	6240 Monday to Friday
MOLDOVA RADIO PMR	2030-2045	Eu	6240 Monday to Friday
MOLDOVA RADIO PMR	2230-2245	Eu	6240 Monday to Friday
VOICE OF MONGOLIA	1030-1100	As	12085
TWR MONTE CARLO	0800-0850	Eu	6105N 9800 (Saturday 0815-0850, Sunday 0745-0850)
RADIO NETHERLANDS	1000-1100	As	9720p 12065p
RADIO NETHERLANDS	1400-1500	As	12080p 15595t
RADIO NETHERLANDS	1500-1600	As	12080i 15595t
RADIO NETHERLANDS	1800-1900	Af	6020t 11655t
RADIO NETHERLANDS	1900-2000	Af	7425t 9895i 11615m 11655t
RADIO NETHERLANDS	2000-2100	Af	5935s 7425t 11655t
RADIO NEW ZEALAND	0459-0658	Pa	11725
RADIO NEW ZEALAND	0659-1058	Pa	9765
RADIO NEW ZEALAND	1059-1258	Pa	13660
RADIO NEW ZEALAND	1300-1550	Pa	5950
RADIO NEW ZEALAND	1551-1650	Pa	7440
RADIO NEW ZEALAND	1651-1750	Pa	9765
RADIO NEW ZEALAND	1751-2150	Pa	11725
RADIO NEW ZEALAND	2151-0458	Pa	15720
VOICE OF NIGERIA	0445-0700	Eu Af	15120
VOICE OF NIGERIA	0900-1500	Eu Af	9690
VOICE OF NIGERIA	1500-1600	Eu Af	15120
VOICE OF NIGERIA	1800-1900	Eu Af	15120
VOICE OF NIGERIA	1900-2000	Eu Af	7255
RADIO OMAN	0300-0400	Af	15355
RADIO OMAN	1400-1500	Eu	15140
RADIO PAKISTAN	1100-1104	Eu	15100 17700
RADIO PAKISTAN	1600-1615	Af ME	7510 11575
PALAU KHBN	0030-0100	As	15680
PALAU KHBN	0130-0400	As	15680
PALAU KHBN	0430-0500	As	15680
PALAU KHBN	0530-0700	As	15680
PALAU KHBN	0700-1100	As	9930 15680
PALAU KHBN	1200-1300	As	9930
PALAU KHBN	1300-1400	As	9930 Saturday and Sunday
PALAU KHBN	1300-1400	As	13745 Monday to Friday
PALAU KHBN	1400-1500	As	9930 9955>
PALAU KHBN	1500-1600	As	9955
PALAU KHBN	1630-2200	As	9930
PALAU KHBN	2200-2300	As	9930 Friday and Saturday

Carries religious broadcasters, mainly in English

RADIO PILIPINAS	0200-0330	As	11880 15285 17770
POLAND POLISH RADIO	1300-1400	Eu NA	9460M 11860u
POLAND POLISH RADIO	1800-1900	Eu	9650d
RADIO ROMANIA INT	0100-0200	NA	6145 7325
RADIO ROMANIA INT	0400-0500	NA SAs	6130 7305 9690 11895
RADIO ROMANIA INT	0630-0700	Eu Pa SAs	7370 17780 21600
RADIO ROMANIA INT	1200-1300	Eu Af	11970 15430 15460 17765
RADIO ROMANIA INT	1800-1900	Eu	7415
RADIO ROMANIA INT	2130-2200	Eu NA	6030 6115 7310 7380
RADIO ROMANIA INT	2300-2340	Eu NA As	5915 6015 7220 7300
VOICE OF RUSSIA	0000-0300	NA LA	6240 7250
VOICE OF RUSSIA	0300-0400	NA LA	6240 7250 7440 12030 12040 13735
VOICE OF RUSSIA	0400-0500	NA LA	6240 12030 12040 13755
VOICE OF RUSSIA	0500-0600	NA	9840 9855 12030
VOICE OF RUSSIA	0700-1000	Pa	17665 17805
VOICE OF RUSSIA	1000-1100	As/Pa	7205/ 17665 17805
VOICE OF RUSSIA	1100-1200	As	7205
VOICE OF RUSSIA	1200-1300	As	7350 9695 11660
VOICE OF RUSSIA	1300-1400	As	7205
VOICE OF RUSSIA	1400-1500	As	7205 11660 12055
VOICE OF RUSSIA	1500-1600	Eu/As	4975 7260 9660
VOICE OF RUSSIA	1600-1700	Eu/As/Af	6130/ 4975 7305 7330 9470 9880/ 9470
VOICE OF RUSSIA	1700-1800	As/Af	4975 7240 7330 9470 9880/ 9470
VOICE OF RUSSIA	1800-1900	Eu/As/Af	7330/ 4975 7240 7305 7330 9880/ 7270 12060
VOICE OF RUSSIA	1900-2000	Eu/As/Af	7330 12060/ 4975/ 12060
VOICE OF RUSSIA	2000-2100	Eu	7330
VOICE OF RUSSIA	2100-2200	Eu	7290 7330
VOICE OF RUSSIA	2200-2300	Eu/NA	7300
VOICE OF RUSSIA	2300-2400	NA LA	7250
S ARABIA R RIYADH	0930-1230	Af	15250
INT RADIO SERBIA	0130-0200	NA	6190 Monday to Saturday
INT RADIO SERBIA	1930-2000	Eu	6100
INT RADIO SERBIA	2200-2230	Eu	6100
RADIO SLOVAKIA INT	0100-0130	NA LA	6040 9440
RADIO SLOVAKIA INT	0700-0730	Pa	13715 15460
RADIO SLOVAKIA INT	1730-1800	Eu	5915 6010
RADIO SLOVAKIA INT	1930-2000	Eu	5915 7345
S AFRICA CHANNEL AF	0300-0400	Af	3345 6120
S AFRICA CHANNEL AF	0400-0600	Af	7230
S AFRICA CHANNEL AF	0600-0700	Af	7230 15255
S AFRICA CHANNEL AF	0800-1200	Af	9625
S AFRICA CHANNEL AF	1400-1600	Af	9625
S AFRICA CHANNEL AF	1700-1800	Af	15235
S AFRICA R LEAGUE	0800-0900	sAf cAf	7205 17860 Sunday
S AFRICA R LEAGUE	2005-2105	sAf	3215 Monday
REE SPAIN	0000-0100	NA	5970
REE SPAIN	1900-2000	Eu Af	9605 9665 Monday to Friday
REE SPAIN	2200-2300	Eu	6125 Saturday and Sunday
SLBC SRI LANKA	0125-0300	As	6005 9770 15745 (0125-0500 Sunday)
SWAZILAND TWR	0255-0325	Af	3200 Sunday
SWAZILAND TWR	0430-0500	Af	3200 4775 Monday to Friday
SWAZILAND TWR	0500-0800	Af	3200 4775 9500
SWAZILAND TWR	0600-0645	Af	11640m (Saturday and Sunday 0600-0615)
SWAZILAND TWR	1425-1455	Zimbabwe	6025

SWAZILAND TWR	1525-1555	Zimbabwe	6025 Saturday and Sunday
SWAZILAND TWR	1700-2000	Af	3200 (-2030 Saturday)
SYRIA R DAMASCUS	2100-2200	Eu NA	9330 12085
12085 is only on the air irregularly			
R TAIWAN INT	0100-0200	SAs	11875
R TAIWAN INT	0200-0300	ENAs	5950f 9680f
R TAIWAN INT	0300-0400	WNA/SEAs	6875f/15320
R TAIWAN INT	0500-0600	WNAs	6875f
R TAIWAN INT	1100-1200	SEAs	7445 11715
R TAIWAN INT	1600-1700	As	11550 12055F
R TAIWAN INT	1700-1800	Af	11850F (replaced by 15690F from February 27)
R TAIWAN INT	1800-1900	Eu	3965F
TAJIKISTAN VO TAJIK	1300-1400	ME	7245
RADIO THAILAND	0000-0030	NA	13745
RADIO THAILAND	0030-0100	NA	13745
RADIO THAILAND	0200-0230	NA	15275
RADIO THAILAND	0530-0600	Eu	11730
RADIO THAILAND	1230-1300	Pa	9720
RADIO THAILAND	1400-1430	Pa	9725
RADIO THAILAND	1900-2000	Eu	7570
RADIO THAILAND	2030-2045	Eu	9535
VOICE OF TURKEY	0400-0500	Eu NA/As	9655/ 7240
VOICE OF TURKEY	1330-1430	Eu/As Pa	12035/ 11735
VOICE OF TURKEY	1930-2030	Eu	6055
VOICE OF TURKEY	2130-2230	As Pa	9610
VOICE OF TURKEY	2300-0000	Eu NA	5960
UK BIBLE VOICE	0030-0100	SEAs	5950w Friday, Saturday, Sunday
UK BROADCASTING	0800-0830	WEu	7220w Sunday (0800-0845 Saturday)
UK NETWORK	1405-1435	China	6225A Saturday and Sunday
UK	1415-1430	SEAs	13635F Sunday (Saturday 1430-1500)
UK	1500-1515	SEAs	12035w Sunday
UK	1530-1600	SEAs	13670w Thursday (Saturday 1515-1545)
UK	1630-1915	ME	9460N Sunday (1645-1700 Mon, 1645-1720 & 1800-1815 Tu, 1645-1700 We, 1645-1745 Th, 1645-1715 Fr, 1645-1830 Sat)
UK	1800-1900	ME	6110w Saturday and Sunday
UK	1900-1915	Iran	7365w Saturday
UK	1900-1945	ME	9470w Sunday (Saturday 1900-2000)
UK	1900-2000	EEu	6030w Sunday (Saturday 1915-1945)
UK FEBA	1400-1430	SEAs	12045d Sunday
RADIO UKRAINE INT	0100-0200	NA	7440
RADIO UKRAINE INT	0800-0900	Eu	9410
RADIO UKRAINE INT	2000-2100	Eu	6030
RADIO UKRAINE INT	2300-2400	Eu	7440
USA KJES	0200-0330	NA	7555
USA KJES	1400-1600	NA	11715
USA KJES	1900-2000	Pa CAm	15385
USA KNLS	1000-1100	FE	9615
USA KNLS	1200-1300	FE	9615
USA KNLS	1500-1600	FE	9655
USA OVERCOMER	1300-1400	Eu ME	11680 15495 17665
USA MINISTRY	1400-1500	Eu ME	9460w 13810N 15495
USA	1500-1600	ME Af	9460w 13810N 17485W

Note all transmitter sites determined at deadline

USA PAN AMERICAN	1400-1430	SAs	13645w Sunday
USA BROADCASTING	1415-1430	SAs	13645w Monday to Saturday
USA	1430-1445	SAs	13645F Sunday
USA	1930-2015	ME	6040w Sunday
USA	1930-2030	ME	6040w Saturday
USA VOA	0300-0400	Af	4930 6080 9885 15580
USA VOA	0400-0500	Af	4930 4960 6080 9885 15580
USA VOA	0500-0600	Af	4930 6080 9885 15580
USA VOA	0600-0700	Af	6080 9885 15580
USA VOA	1400-1500	Af	4930 6080 15580 17650 17715
USA VOA	1500-1600	Af	4930 6080 15580 17715 17895
USA VOA	1600-1700	Af	4930 6080 15580 17895
USA VOA	1700-1800	Af	6080 13635 15580 17895
USA VOA	1800-1900	Af	4930> 6080 13635 15580 (Sat&Sun 909,4930 1800-1900)
USA VOA	1900-2000	Af	4930 4940 6080 15580
USA VOA	2000-2100	Af	4930 4940> 6080 15580 (Sat&Sun 4940 2000-2100)
USA VOA	2100-2200	Af	6080 15580
USA VOA	2030-0030	Afghanistan	7405
USA VOA	1500-1600	Eu ME	11765 12055
USA VOA	2000-2100	Eu ME	9420 9490
USA VOA	0100-0200	FE SAs Pa	7325 9435 11705
USA VOA	1200-1300	FE SAs Pa	7575 9640 11705 11750
USA VOA	1300-1400	FE SAs Pa	7575 9640 9760 11705 Saturday and Sunday
USA VOA	1400-1500	FE SAs Pa	7575 9760 12150 Monday to Friday
USA VOA	1500-1600	FE SAs Pa	7575 9930 12150
USA VOA	2200-2300	FE SAs Pa	5835 7220 7425 7570 9490 Sunday to Thursday
USA VOA	2300-2400	FE SAs Pa	5830 7480 7425 7570 9490
USA VOA	1630-1730	Sudan	9785 11905 13635
USA VOA	1730-1800	Zimbabwe	4930 12080 15775 (1720-1740 Fri, Sat, Sun)
USA WBCQ	0000-0400	NA	5110 Monday
USA WBCQ	0100-0400	NA	5110 Tuesday to Saturday
USA WBCQ	0100-0400	NA	15420 Tuesday to Saturday
USA WBCQ	1400-0500	NA	9330
USA WBCQ	1500-1800	NA	15420 Saturday
USA WBCQ	1800-2200	NA	15420
USA WBCQ	1900-0500	NA	7415 Monday to Saturday
USA WBCQ	2000-0500	NA	7415 Sunday
USA WBCQ	2000-0500	NA	5110 Saturday
USA WEWN	0000-0800	Af ME	11520
USA WEWN	0900-1200	SEAs	9390
USA WEWN	1200-2400	Af ME	15610
USA WHRI	0000-0200	EuAf NA	5875 5920 7315
USA WHRI	0200-0300	EuAf NA	5875 7315 7385
USA WHRI	0300-0400	EuAf NA	7315 7385 7590
USA WHRI	0400-0500	EuAf NA	7315 7385 9640
USA WHRI	0500-0600	EuAf NA	7315 7465 11565
USA WHRI	0600-0800	EuAf NA	7385 9615 11565
USA WHRI	0800-0900	EuAf NA	7385 11565
USA WHRI	0900-1000	EuAf NA	7385 9840 11565
USA WHRI	1000-1100	EuAf NA	7385 9865 11565
USA WHRI	1100-1200	EuAf NA	7385 9840 17540
USA WHRI	1200-1300	EuAf NA	7385 9410 17540
USA WHRI	1300-1400	EuAf NA	9540 9840 17540
USA WHRI	1400-1500	EuAf NA	9840 15180 17540
USA WHRI	1500-1600	EuAf NA	9840 15180 15680 21630
USA WHRI	1600-1900	EuAf NA	9840 15180 21630
USA WHRI	1900-2000	EuAf NA	9840 15180 17520
USA WHRI	2000-2100	EuAf NA	7570 15180 15665 15685
USA WHRI	2100-2200	EuAf NA	7555 15180 15665 15685
USA WHRI	2200-2300	EuAf NA	9615 15180 15640
USA WHRI	2300-2400	EuAf NA	5920 7315 7335 15640

Not all frequencies used daily. Station broadcasts in English, Spanish, Russian and Hmong.

USA WINB	1100-1600	NA	9265
USA WINB	1600-2200	NA	13570
USA WINB	2200-0400	NA	9265

USA WJHR	1400-2200	NA	15550
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Station broadcasts in USB

USA WRMI	0000-2400	LA	9955
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Station carries English and Spanish programming, World Radio Network relays where time unsold

USA WRNO	0200-0500	NA	7505
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USA WTJC	0000-2400	NA	9370
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USA WTWW	2200-1300	NA	5755
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USA WTWW	1300-2200	NA	9479
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USA WWCR	0100-0200	NA	4840 5890 5935 7490
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USA WWCR	0200-1000	NA	3215 4840 5890 5935
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USA WWCR	1000-1200	NA	4840 5890 5935 9985
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USA WWCR	1200-1300	NA	4840 5935 9980 15825
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USA WWCR	1300-1600	NA	7490 9980 13845 15825
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USA WWCR	1600-2100	NA	9980 12160 13845 15825
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USA WWCR	2100-2300	NA	7465 9350 9980 13845
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USA WWCR	2300-0100	NA	5070 7465 9980 13845
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USA WWRB	0200-0500	NA	3185 5050 5745
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USA WWRB	0500-1200	NA	3185
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USA WWRB	1200-2100	NA	9385
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USA WWRB	2100-0200	NA	3185 3215 5050 5745
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Schedule subject to daily variations dependent on time booked

USA WYFR	0000-0100	NA/LA	5950 6085 9505 15440 / 7360F 11720 11730
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USA WYFR	0100-0200	NA/LA	7455 9505 15440/ 6100
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USA WYFR	0200-0300	NA/LA	7455 9505 9525 / 5930G 6885 6895
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USA WYFR	0300-0400	NA/LA	7455 9505 / 9930 9985
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USA WYFR	0400-0500	NA	5950 7455 9505 9680 9715
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USA WYFR	0500-0600	NA	5950 9680
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USA WYFR	0600-0700	NA/LA	9680 / 6000
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USA WYFR	0600-0700	Eu/Af	5745 11530 / 9985
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USA WYFR	0700-0800	NA/LA	5950 6875 7455 / 9495
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USA WYFR	0700-0800	Eu/Af	5745 /11580
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USA WYFR	0800-0900	NA/Af	5950 6875 7455 /11580
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USA WYFR	0900-1000	NA/As	5985 6875 7455 / 9465v
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USA WYFR	1000-1100	NA/As	5950 6890 6895 7455 / 9460r 9465v
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USA WYFR	1100-1200	NA/LA/As	6875 6890 7455 / 6000 11725 11830 / 7300r
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USA WYFR	1200-1300	NA/LA	6890 7455 11970 /11530 17545
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USA WYFR	1300-1400	NA/As	7455 11830 11855 11970 / 6075r 9310A 11520v 11560v
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USA WYFR	1400-1500	NA	11565 11855 13695 17760
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USA WYFR	1400-1500	As	5995r 6070r 6115r 9485r 11560v
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USA WYFR	1500-1600	NA/LA	11565 11855 15795 17760 /15210
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USA WYFR	1500-1600	As	6280v 9495d 12015d 21840a
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USA WYFR	1600-1700	NA/LA	11565 11830 13695 17760 / 6085
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USA WYFR	1600-1700	Eu/Af/As	18980 /17540a 17690 /11740d
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USA WYFR	1700-1800	Eu/Af/NA	18980 / 7230t 7385t 21680a/13695 15795 17555
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USA WYFR	1800-1900	Eu/Af	6915 / 6045m 7240u 7395t 9895d 11665w 15115
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USA WYFR	1800-1900	NA	13695 17535 17555
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USA WYFR	1900-2000	NA/LA	13695 17535 17555 / 6085
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USA WYFR	1900-2000	Eu/Af	6915 15565 / 3230m 6020t 7395t 9890N 9895d 11665w 15115
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USA WYFR	2000-2100	Eu/Af	5745 6915 7510K/ 9890N 11615a 15115 15195a 15520a
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USA WYFR	2000-2100	NA/LA	17535 17555 /17575
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USA WYFR	2100-2200	Eu/Af/NA	6915 7510K/ 9890N 15115 15195a/ 5950 17535 17555
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USA WYFR	2200-2300	NA/Af	5950 11740 15440 /17690
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USA WYFR	2300-2400	NA/LA	5950 11740 15440 / 9430 15400
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VATICAN RADIO	0140-0200	As Pa	5895(to 6/3) 7335 9580(from 7/3)
VATICAN RADIO	0250-0320	NA	6040c 7305
VATICAN RADIO	0300-0330	Af	7360 9660t
VATICAN RADIO	0310-0330	As	15460 via Radio Veritas, Philippines
VATICAN RADIO	0500-0530	Af	7360 9660t 11625
VATICAN RADIO	0600-0620	Eu	4005 5965 7250
VATICAN RADIO	0630-0700	Af	7360 9660 11625
VATICAN RADIO	0730-0745	Eu AsPa	4005 5965 7250 9645 11740 15595
VATICAN RADIO	1200-1215	NA	9865c Monday to Saturday
VATICAN RADIO	1530-1550	As Pa	7585U 11850 13765
VATICAN RADIO	1715-1730	Eu	4005 5885 7250 7290 9645
VATICAN RADIO	1730-1800	Af	9755 11625 13765
VATICAN RADIO	2000-2030	Af	7365 9755 11625
VATICAN RADIO	2050-2120	Eu	4005 5885 7250

VENEZUELA R NAT	1500-1600	LA/NA	11680h
VENEZUELA R NAT	2300-2400	LA/NA	13680h 15250h

Spanish and English programming

VOICE OF VIETNAM	0100-0130	NA	6175c
VOICE OF VIETNAM	0230-0300	NA	6175c
VOICE OF VIETNAM	0330-0400	NA	6175c
VOICE OF VIETNAM	1000-1030	As	9840 12020
VOICE OF VIETNAM	1100-1130	As	7285
VOICE OF VIETNAM	1130-1200	As	9840 12020
VOICE OF VIETNAM	1230-1300	As	9840 12020
VOICE OF VIETNAM	1330-1400	As	9840 12020
VOICE OF VIETNAM	1500-1530	SEAs	7285 9840 12020
VOICE OF VIETNAM	1600-1630	Eu SEAs	7220 7280 9550 9730
VOICE OF VIETNAM	1800-1830	Eu	5955M
VOICE OF VIETNAM	1900-1930	Eu	7280 9730
VOICE OF VIETNAM	2030-2100	Eu As	7220 7280 9550 9730
VOICE OF VIETNAM	2330-2400	As	9840 12020

YEMEN RADIO SANA'A	0600-0700	ME Af	9780
YEMEN RADIO SANA'A	1800-1900	ME Af	9780


ZAMBIA CHRISTIAN V	0400-0600	Waf	9430
ZAMBIA CHRISTIAN V	0500-1700	Saf	6065
ZAMBIA CHRISTIAN V	0600-2000	Waf	13590
ZAMBIA CHRISTIAN V	1700-2200	Saf	4965
ZAMBIA CHRISTIAN V	2000-2200	Waf	9505

Programming on the Southern Africa service is mostly in native languages



World DX Club

A British Based DX Club

24th (!) Anniversary
 Winter SWL Fest
 Sponsored by 

March 4-5, 2011

Doubletree Guest Suites

640 W. Germantown Pike. Plymouth Meeting, PA

Plan to attend your favorite forums Friday and Saturday! Enjoy meeting with your friends in the Hospitality Room. Bring radio related items for the swap meet or to donate for the Silent Auction. Check out your friends' receivers; bring one of your own for others to try!

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

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

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

Many things, like the raffle, remain the same:

GRAND PRIZE To be announced

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

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

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

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

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

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

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

NAME: _____ (SPOUSE'S NAME) _____

ADDRESS: _____

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

CHECK ONE OR MORE

REGISTRATION RECEIVED BY
 FEBRUARY 18, 2011:

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

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

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

BANQUET:

- Roast Beef
- Chicken

RAFFLE TICKETS:

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

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

Company Store

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

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

Publications

Shortwave Listening Guidebook by Harry Helms. A beginners guide to shortwave listening covering equipment and more.	\$19.95 +4.60 s/h US +8.00 s/h Can.
Joe Carr's Receiving Antenna Handbook A guide to high performance receiving antennas from longwave to HF and VHF.	\$19.95 +4.60 s/h US +8.00 s/h Can.
Joe Carr's Loop Antenna Handbook Comprehensive but readable guide to understanding and building loop antennas.	\$16.50 +4.60 s/h US +8.00 s/h Can.
Radio Monitoring: the How-to Guide by Skip Arey. Guide for new listeners to MW, HF, VHF and above.	17.95 +4.60 s/h US +8.00 s/h Can.
World Radio and TV Handbook 2010 Long considered to be the bible for shortwave listeners.	\$26.90 +4.60 s/h US +8.00 s/h Can.
Fine Tuning's Proceedings Reprint Catalogs Complete list of articles from this hobby classic. Choose from 1) 5 page version with article titles or 2) 20 page version with article abstracts.	1) \$2.00 ppd 2) \$5.00 ppd
The World QSL Book Gail Van Horn's new CD-delivered book (PDF format) about all aspects of QSLing.	\$18.00 +3.00 s/h US +6.00 s/h Can.
1947-1958 or 1959-1970 WRTH CD CD compilation of the 1947 to 1958 or the 1959 to 1970 WRTHs.	\$60.00 ppd
WRTH CD Set Both WRTH CDs for a special price	\$94.00 ppd
NASWA Country List and Awards Program Booklet	\$3.00 PP US \$5.50 elsewhere
NASWA Coffee Mugs 11 oz. white mug with the club logo on two sides. Return of a favorite with the club logo in NASWA blue.	\$5.50 +5.50 s/h US +10.00 s/h Can.
NASWA Ball Caps NASWA blue ball cap with velcro closure and NASWA logo embroidered on the front	\$12.00 \$4.60 s/h US \$8.00 s/h Can.

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



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Levittown, Pennsylvania, 19057

NASA

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