

The **NASWA** Journal

VOLUME XLVII NUMBER 12

DECEMBER 2007

The NASWA Journal

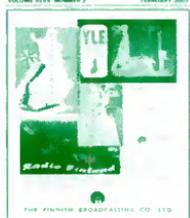
VOLUME XLVII NUMBER 1 JANUARY 2007



North American Shortwave Association — America's Shortwave Broadcast Club

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VOLUME XLVII NUMBER 2 FEBRUARY 2007



North American Shortwave Association — America's Shortwave Broadcast Club

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Holiday Greetings

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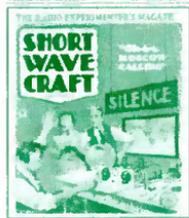
VOLUME XLVII NUMBER 8 AUGUST 2007



North American Shortwave Association — America's Shortwave Broadcast Club

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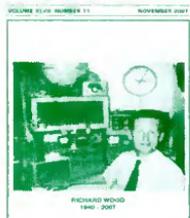
VOLUME XLVII NUMBER 10 OCTOBER 2007



North American Shortwave Association — America's Shortwave Broadcast Club

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VOLUME XLVII NUMBER 11 NOVEMBER 2007



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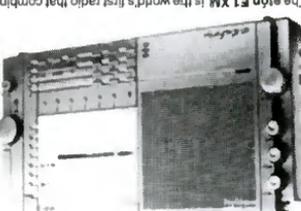
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quency interference and reduces fading distortion of AM signals. If Passband

Turning is yet another advanced feature that functions in AM and SSB modes to

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coupled with great sensitivity will bring in stations from every part of the globe.

Organizing your stations is facilitated by 500 user programmable presets with

alpha labeling. Plus 1,500 user definable country memories, for a total of 1700

presets. You can tune these radio memories such as direct shortwave band entry,

direct frequency entry, up-down tuning and scanning. Plus you can tune the

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range tuning). There is also a dual-tension programmable tuner and audio quality

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treble tone controls. Stereo line-level output is provided for recording or routing

LCD has 4 levels of backlighting and instantly shows you the status of your radio.

Many receiver parameters such as AM step,

FM receiver, beep, M-W-H-E-E entry, can

be set to your personal taste via the prefer-

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[KCK] for an external antenna. Universal

also sells PFL295 to KCK antenna jack

adapter (#1052 \$114.95) as well as a study

adapter [with radio stand] (#8873 \$16.95).

The E1 XM comes with an AC adapter or

purchase the Autovox CNP2000DUO

XM antenna module at any time. It has a

25 foot cable. (An optional XM-EXT50 50

extension cable is also available (#9057 \$39.95).

Note: The CNP2000 DUO antenna module

and XM subscription are sold separately.

Activation and monthly subscription fee re-

quired for XM.

Prices and space are subject to change.

Prices shown are either mfg's. coupons.

ETON

E1 & XM

Two E1 versions now available!

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E1 & XM

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Season's greetings from Wyomissing! It is hard to believe that another year has come and gone. Where does the time go? The past twelve months have been a mixed bag on the shortwave bands with conditions bottoming out as the sunspot cycle reached its low point. Hopefully, 2008 will be the beginning of improved overall conditions on the shortwave bands. Let us hope that many of our favorite stations continue to operate in our favorite medium. Remember to order your favorite shortwave listener—which could be yourself, hi!—a gift or two from the Company Store. **Jim Strader** will be looking forward to your order.

300 issues! It has been almost six years since the club's electronic *Flashsheet* was launched on December 15, 2001 with Editor **Sheryl Paszkiewicz** at the helm. In her opening remarks Sheryl mentioned: "Welcome to the First Edition of the NASWA Flash Sheet. It is very exciting to be part of NASWA's move into the electronic age and I never thought I would be editing such a column. However, I am one of the people who does not want to see the print version of the *Journal* die out." The blending of the new electronic distribution of DX loggings along with the traditional print *Journal* has been a huge success thanks to the many fine folks that have participated from day one. Although initially targeted to be a periodic or perhaps a bi-weekly publication, it became clear right away that a weekly schedule could be supported by the membership. Although the number of contributors were a mere handful at the beginning, today we consistently average 10–14 participants per week. **Ray Bauernhuber** took over the editing responsibilities from Sheryl with issue #146 on November 14, 2004. After computer woes impacted Ray's ability to continue editing, I took over for a brief stint as temporary editor until our current editor, **Mark Taylor**,

took the reigns with issue #229 Extra on June 21, 2006. Mark's debut was delayed a few days because of his battle with the flu. Over the six year period the size and scope of the *Flashsheet* has constantly grown reflecting the interest in the membership in this "new" enhancement to the club. Over 200 club members are on the distribution list for "the sheet." I want to thank Sheryl Paszkiewicz, Ray Bauernhuber and Mark Taylor for their dedication in support of the *Flashsheet*. Without the collective efforts of our editorial team that has been faithful supported by member contributions, this could not have happened. Thank you one and all! Onward!!

The World QSL Book (ISBN: 978-0-9796311-0-8) by **Gayle Van Horn**, W4GVH, which was recently released by Teak Publishing of Brasstown, North Carolina, is 528 pages in a handy CD format; it is not a traditional paper book! The first 92 pages contains of useful hints on how to get QSLs from all kinds of radio stations such as international and domestic broadcasters on shortwave, medium wave, FM, TV, amateur radio stations, utility stations, time and frequency stations, pirate and clandestine stations. The remainder of the book lists the latest known postal and e-mail addresses and websites of stations. *The World QSL Book* by Gayle Van Horn is available through Jim Strader (74 Miller Street, Middleborough, MA 02346-3216; e-mail at jimstrader@msn.com) at the Company Store for \$18.95 plus \$3.00 shipping and handling.

From **Anker Petersen** we learn that the recently held Conference of the European DX Council (EDXC) in Lugano, Switzerland was very successful. During the conference, the former host from Swiss Radio International, **Bob Zanotti**, chaired a roundtable discussion about shortwave broadcasting when the

Our Motto: Unity & Friendship

EDXC started in 1967 and today. Participants were the present Secretary General of the EDXC **Tibor Szilagyi**, former Secretary Generals **Michael Murray** and **Anker Petersen**, and **Jeff White**, Director of WRMI. You can download the 5 MB file (lasting 21 minutes) from: http://www.switzerlandinsound.com/audiotext32/conference_in_lugano.mp3.

From **Dan Ferguson** we learn that the IBB transmitting station in Morocco will cease operations in March 2008, and the facility will be returned to the Government of Morocco by the end of next year. The rising cost of operating the Morocco station is cited as the reason for this decision. Supposedly, the closing of the transmitting station in Morocco will not reduce the number of hours of radio programming currently broadcast by shortwave. We shall see if that is true. In theory they expect all programs currently broadcast from the Morocco station to continue to be broadcast, either from other IBB facilities or through lease arrangements.

Andreas Schmid—QSL Editor for the Danish Shortwave Radio Club and curator of the Pennant Museum—is offering *Radio Pennants of the World*. It is HTML multimedia CD in English with a comprehensive listing of radio station pennants from all over the world. Nearly 2800 pennants from 102 countries out of the Pennant Museum are described and pictured. All pennants can be looked at in the enlarged view via a comfortable navigation system where you can choose continents, countries and stations. A short preview is available at <http://www.addx.org/pennants/>. *Radio Pennants of the World* is available for us\$45.00 or €30 which includes shipping and handling. For further information contact **Andreas Schmid** at schmidandy@aol.com or via postal mail at Lerchenweg 4, 97717 Euerdorf, Germany.

A brief reminder about the addition of a new radio country that was added to the club's radio country list. Last month NASWA Country List Committee Chairman **Don Jensen** informed us about an important update to the club's country list. Under Oceania the following was added: MICRONESIA, FEDERATED STATES OF. Under the gazetteer, alphabetically, between Mexico and Moldova: MICRONESIA, FEDERATED STATES OF (OC)

Part of the Trust Territory of the Pacific Islands until May 10, 1979; independent Federated States of Micronesia since, and in free association with the U.S. since Nov. 3, 1986. Station location: Pohnpei. The *Country List and Awards Program* booklet has been updated and posted on the club's website. Those needing a hardcopy paper version can acquire that through **Jim Strader** at the Company Store. Once again, thanks **Don** and the committee which consists of **Jerry Berg**, **Harold Cones**, **John Fisher**, **John Herkimer**, and **David Clark**.

Don't forget the special double anniversary Radio St. Helena Day 2007 world-wide shortwave broadcast on Saturday, 15 December 2007 from 1730–0100 UTC on 11,092.5 kHz in upper side band with 1,000 watts using a 3-element monoband directional antenna. Here is a summary of the times and target areas for the transmissions: 1730–1815 UTC to New Zealand; 1815–1900 UTC to India; 1900–2015 UTC to Japan; 2015–2145 UTC to Europe; 2145–2245 UTC to North America East; 2245–2330 UTC North America West; 2330–0015 UTC South America North; 0015–0100 UTC South America Central/South. The station plans a special full-colour QSL card for this double anniversary shortwave broadcast. By the way, thanks to everyone that contacted me about missing Radio St. Helena QSLs for 2006 transmission. I have sent a list to **Robert Kipp**. Maybe the station will issue follow-up replies.

The latest version of *Shortwave Broadcasts to Australia and Oceania* (BT4) is currently available from **Robert J. Padula**, 404 Mont Albert Road, Mont Albert, Victoria 3127, Australia for us\$10.00 or €10 or £6 or A\$10—cash, five international reply coupons, Australian mint stamps to the value of A\$10, international bank transfer, international bank draft, PayPal. Cash payment in any other currency is acceptable, to the equivalent of A\$10.00. The BT4 will be sent as an unprotected MS-Office Excel 2003 Workbook, as an Email attachment, of approximately 80 KB. The data may be saved to your PC, sorted, rearranged, converted to other formats, and/or printed. The BT4 covers the five-month international shortwave transmission period commencing October 28, 2007, and concluding on March

30, 2008, known as the "B07 International Transmission Season." With several hundred entries, it provides comprehensive information of shortwave broadcasting schedules to Australia, New Zealand and the Pacific Islands, for broadcasts in all languages. The complete schedules for Radio Australia and CVC-Australia are included. Each entry shows broadcasting organization, frequency, starting time, finishing time, language, target area, transmitter site, transmitter country, studio country, and days of operation. The BTA4 is compiled from an extensive worldwide network of broadcasters, frequency planners, engineering consultants, professional monitors, and members of the Electronic DX Press Radio Monitoring Association. Information is also included from the detailed research by the author, Bob Padula, himself a communications engineer, technical journalist, and broadcaster, with over 45 years experience at both the professional and hobby level. The BTA4 may be ordered on-line from the EDXP Website, via direct links to PayPal. The Price List/Order Form may be downloaded as a 265 KB PDF file from the Website, <http://edxp.org>.

Thanks to Winter SWL Festival regular **Eddie Muro** we learned that Briarcliffe College in Bethpage will be holding Ham Radio University 2008 (HRU) on Sunday, January 13, 2008. Forums, exciting displays and presentations and live operating events are scheduled. The event is also the American Radio Relay League (ARRL) NYC/LI Section Convention and other forums will cover some new twists on contesting, low-power operating and many other aspects of ham radio. The keynote address will be by Gordon West WB6NOA, who is flying in from California especially for HRU. Check the website (<http://www.hamradiouniversity.org>) for updates on forums and other news. Remember, it is scheduled for Sunday, January 13, 2008 starting at 9:00 AM local time at Briarcliffe College, 1055 Stewart Avenue, Bethpage, NY. Further information is available from **Diane Ortiz** K2D0, HRU 2008 Committee, K2D0@arrl.net, 631-691-1801.

The new DX season is in full swing but are you getting the latest hot information about what is happening on the shortwave bands? Having the club's electronic *Flashsheet*, now over 300+ issues old, in your hands each week you will be up to date with news and information about the DX scene as the season progresses. If you have not signed up for the club's electronic *Flashsheet* service, you are missing out on timely news and information that will enhance your shortwave listening pleasure. It is now time for you to get on the distribution list for the club's electronic *Flashsheet* to stay up-to-date. The changing DX conditions will bring different DX opportunities and new listening targets. The club's electronic *Flashsheet* helps members stay on top of the action with breaking shortwave news and information. If you are a current member of the club and want to receive the electronic *Flashsheet* just drop **Rich D'Angelo** (rdangelo3@aol.com) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic *Flashsheet* edited by **Mark Taylor**, markokpik@tds.net. Each week the electronic *Flashsheet* brings a lot of exciting, late breaking DX news and information to our members. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news. This is a service that is only available to our members. Deadlines are posted in the *NASWA Flashsheet* each week.

Please remember to direct all communications about subscriptions, bulletin delivery issues, holiday gift giving ideas, the use of PayPal as a payment method, etc. to **Bill Oliver** at the club's Levittown address or to his electronic address, weoliver@comcast.net. The regular postal address is the familiar 45 Wildflower Road, Levittown, PA 19057. Inquires sent to Wyomissing only slow down the process. Thanks!

That's it for this month. Enjoy this month's edition of the *Journal*; it's another good one. 

Calendar Of Events

- Dec 1 Meeting. The Reading (England) International Radio** meets at the Reading International Solidarity Centre, 35-39 London Street, Reading from 2.30 p.m. Further information is available from Mike Barraclough at mikewb@dircon.co.uk.
- Dec 14 Meeting. Philadelphia Area NASWA Chapter.** Kulpsville Holiday Inn, Kulpsville, PA at 7:30 PM. For more information contact Dan Cashin at 610-446-7831 or Internet: dcsckp@aol.com.
- Dec 14 Meeting. Boston Area NASWA Chapter.** The Boston Area DXers have found a new location for meetings. Inquiries about the BADXers may be sent to Paul Graveline at 978-470-1971 or Internet: ctreditor@aol.com. The URL for the BADX guys is <http://www.naswa.net/badx/>
- Dec 17 Meeting. Tar Heel Scanner/Shortwave Listening Group.** Red, Hot and Blue restaurant, 6615 Falls of the Neuse Rd., Raleigh, NC. Dinner @ 6:30PM, meeting @ 7:30PM. Meetings the 3rd Monday of each month. Info, Curt Phillips, 919-773-4522, <<mailto:curt@nerdster.net>>curt@nerdster.net.
- Jan 12 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meets at the Lebanon Citizens' National Bank (LCNB), 425 West Central Avenue (Ohio 73), Springboro, Ohio at 7:00 PM. For more information contact Mark Meece at 937-743-8089 or e-mail at <antennapig@siscom.net>. For additional information about MONIX, check out their web site at <<http://www.siscom.net/~mmeece/monix.html>>
- Jan 13 Meeting.** Briarcliffe College (1055 Stewart Avenue, Bethpage, NY) will be holding Ham Radio University 2008 (HRU) on Sunday, January 13, 2008 at 9:00 AM local time. Forums, exciting displays and presentations and live operating events are scheduled. The event is also the American Radio Relay League (ARRL) NYC/LI Section Convention and other forums will cover some new twists on contesting, low-power operating and many other aspects of ham radio. The keynote address will be by Gordon West WB6NOA, who is flying in from California especially for HRU. Check the website (<http://www.hamradiouniversity.org>) for updates on forums and other news. Further information is available from Diane Ortiz K2DO, HRU 2008 Committee, K2DO@arrrl.net, 631-691-1801.
- Mar 7-8, 2008 Convention.** The 21st Annual Winter SWL Festival, sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 7th and 8th March 2008. Richard Cuff and John Figliozzi co-chair the organizational committee. Although it is early, you don't want to miss this special FEST event. See you there!
- Aug 16, 2008 Convention.** 2008 Madison-Milwaukee Radio Get-together. The 15th Annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will take place on Saturday, August 16, starting at 1 PM CDT. This year's venue is Milwaukee WI, and Tim Noonan will be hosting. Further information will be released as it becomes available.
- Sep 5-7, 2008 Convention.** The 2008 European DX Council Conference is scheduled for Vaasa, Finland on 5-7 September 2008. Former EDXC Secretary General Risto Vahakainu of the Finnish DX Association is coordinating the event. Further information will be made available at a later date.
- Mar 13-14, 2009 Convention.** The 22nd Annual Winter SWL Festival, sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 13th and 14th March 2009. Richard Cuff and John Figliozzi co-chair the organizational committee. Although it is early, you don't want to miss this special Fest event. See you there!
- 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 1982)

In the *Headquarters Report*, Bill Oliver reminded members that Nick Pappas would become the new distributing editor effective with February's *Frendx*. He would be replacing Terry Colgan who was moving on to be the Executive Secretary of the Association of North American Radio Clubs. Gilfer Associates was offering the 1983 *World Radio TV Handbook* for \$13.50 plus \$1.50 shipping. Member Jerry Berg wrote a special feature for the WRTH and member Larry Magne reviewed several new receivers. Part 1 of Don Jensen's "On to the Top" series was carried in Chris Hansen's *Shortwave Center* column. In *Technical Topics*, Ed Shaw previewed the new Icom R-70 communications receiver. Roger Legge presented another edition of his *English Language Broadcasts to North America*. In an effort to conserve time, Editor Glenn Hauser experimented with a "disorganized *Listeners Notebook*." In the *Scoreboard* column edited by Jerry Lineback, twenty-five members reports logging 200 or more countries with only nine reporting QSLs from 200 or more countries. Don Jensen, with 227 heard and 226 verified, lead the pack in both categories. In the *QSL Report* column, Editor Sam Barto noted that 110 countries were reported with nice replies from Bolivia and Peru. 

Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Bob Montgomery** (Address: 4621 C Street, Philadelphia, PA 19120). **Note: this is a new postal address as of July, 2007!** He will forward them to the appropriate editor. Remember, Bob also distributes QSL report information and totals for the **Scoreboard** column. He can also be reached through the Internet at: rmonty23@verizon.net.

Musings

Ross Comeau <dxcomeau@comcast.net>, Andover, MA

Had an interesting listening opportunity today, while on a "vacation day," after I had taken care of some business that needed tending to. Anyway, the power company was across the street fixing a pole that was damaged by a car, and they informed me that the power would be off for a few hours. This afforded me the opportunity to try out the E1 on batteries, which I hadn't tried yet. Over the last year I admittedly have had few daytime/weekday listening opportunities, but have always tried to hear Antarctica just for the thrill of it, having QSLed it years ago. This log is posted above. Within 5 minutes after the power (and neighbor's appliances, etc) was back on, the noise overwhelmed the frequency.

Rich Parker KB2DMD, 1205 Sleepy Hollow Road, Pennsburg, PA 18073

After reading the 25th Anniversary edition of *Popular Communications* (10-07), I got to thinking—with 300 issues behind them, they could certainly put together a great anthology of past shortwave features. I'm envisioning a book of about 200 pages with articles about receivers, equipment and shortwave broadcasters from the past. Clandestines, utilities, spy numbers and "strange" transmissions. Unusual occurrences and other anomalies. Shortwave "do it yourself" articles, and equipment ads from days gone by. Sidebar commentaries by Dexter, Kneitel, and other PopComm greats. Maybe Fred Osterman could be persuaded to do a few sidebars on "What It Was Like"—operating some of the great receivers from companies like Collins, Drake, Hammarlund and Hallicrafters.

I thought that perhaps other SWLs and DXers would also enjoy a book like this, so I dashed off a letter to Pop' Comm's editor, Edith Lennon N2ZRW, to ask her what she thought about the idea. Of course, putting together a volume of this nature would be a pretty big undertaking, and I would imagine that CQ Communications would have to be sure that there was ample interest in such a book before they would ever consider a project like this.

If other NASWA members think that a Popular Communications "Shortwave Treasury" edition is something they'd like to see, how about letting them know? You can write to the editor, Edith Lennon, at 25 Newbridge Road, Hicksville, NY 11801, or e-mail her at editor@popular-communications.com.

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

Been enjoying the 60m dipole that I strung up Friday. In a word, WOW! It really digs out the signals that are barely noticeable on my NW Beverage and MLB-1 antennas. Already thinking about building one for the 49m band. I know I'm stating the obvious for many of you DX veterans here, but seeing how I am still an easily impressed babe-in-the-DX woods, I just want to state how much I am in awe of the 60m band dipole I erected on Friday.

It really pulls the signals out of the 60m band static as compared to my other 3 antennas, the NE and NW mini-Beverages and the MLB-1. With it I logged some Peruvians I haven't heard here in quite some time, in addition to carriers w/ hints of audio from 4605-RRI Serui, 5040v-Myanmar and 4716v-Bolivia. 4755v-Micronesia is atop my target list!

What also pleases me is the dipoles performance compared to the work involved erecting it. My backyard consists of a steep, heavily wooded hillside, and a brook. All longwire antennas require at least an hour of tree pruning, brush removal and at times, getting your feet wet. I'm glad the work was worth it.

Kim Elliott <kimelli@verizon.net>, Arlington, VA

Thanks to Bob Fraser for his comments on my review of the Tangent Quattro internet wi-fi radio. The Quattro looks and feels like a radio, but I hope I didn't give the impression that it is big, i.e. Hammarlund big. The Quattro is 8 1/4 inches wide, 4 1/2 inches tall, and 5 1/2 inches deep.

To look at the other Reciva-based wifi radios, go to www.reciva.com. Navigating is a bit awkward: you will see one manufacturer's model on the right side. Click the pause button, then the right arrow button, to move to the other models. Four of them are sold by C. Crane, www.ccrane.com.

At the Reciva site, you can also see a list of all the stations receivable on these wi-fi radios, and even listen to the stations on your PC.

Toshi Oktake, Tokyo, Japan

First topic is Radio St. Helena Day 2007, world-wide shortwave broadcast. The year 2007 marks a DOUBLE ANNIVERSARY for Radio St. Helena: the 40th anniversary of broadcasting for Radio St. Helena, and the 10th shortwave transmission anniversary. This year's special broadcast is on Saturday, 15 December 2007. The times and target area are from 1730 to 1815 UTC to New Zealand from 1815 to 1900 UTC to India; from 1900 to 2015 UTC to Japan; from 2015 to 2145 UTC; to Europe; from 2145 to 2245 UTC to North America East; from 2245 to 2330 UTC to North America West; from 2330 to 0015 UTC, Sunday 16, December to South America North; from 0015 to 0100 UTC to South America Central/South. Frequency is 11092.5 KHz in USB with 1000 Watts and using a 3-element mono-band directional antenna. Address for reception report: Ms. Laura Lawrence, Station Manager,

Radio St. Helena, P. O. Box 24, Jamestown, St. Helena Island, STHL 1ZZ, South Atlantic Ocean. Please note 3 IRC's minimum are requested for QSL printing and return postage.

The second topic is broadcast hour extension of Iran, effective October 28th. Iran's IRIB, the Voice of Islamic Republic of Iran, extends its Japanese language service from 30 minutes to one hour from this winter season. The new times and frequencies are: 13:30 to 14:30 UTC, on 9905 and 7380 kHz; 21:00 to 22:00 UTC, on 7190 and 6145 kHz. This is the third station that extended the broadcast hour of Japanese language service this year. Earlier in June, Voice of Indonesia extended its broadcast hour from 30 minutes to one hour. In August, Radio Taiwan International extended from one hour to one and half hours. Voice of Indonesia airs from 12:00 to 13:00 UTC on 9525 kHz. Radio Taiwan International airs 3 times daily. From 08:00 to 09:30 UTC on 11605 kHz. From 11:00 to 12:30 UTC on 9735 kHz. From 12:30 to 14:00 UTC on 9735 kHz. They dropped 7130 kHz used for 11:00 and 12:30 UTC program from October 28.

I am attending EDXC 2007 to be held at Lugano, Switzerland from 1 through 4 of November. I hope I can see some of you. See you there.

This is all for this month and wishing you good DXing!!

Mark Schiefelbein <mark_schief@hotmail.com>, Springfield, MO

Thanks to Glenn Hauser for his tip on DXLD that some of the higher bands were propagating unexpectedly well this week (Oct 21-28) ... I logged a few things on frequencies I would normally not even bother checking these days. My pirate logging was probably someone tuning up their rig for Halloween, which I gather is one of the big days of the year for pirate broadcasts.

Kevin Mikell <k.mikell@comcast.net>, 241 N. Hamlin Avenue, Park Ridge, IL 60068

I brought along my Sony 7600G on my Alaska trip this year. We were spending a couple of nights in Haines and looked forward to sitting on the lodge's deck that overlooks the Lynn Canal and listen a bit. Very pretty. At night it's fun to watch the cruise ships pass as they go from Juneau and Skagway. It's very relaxing just to kick back and see the night sky without city light pollution.

On one of the days we were in Haines, we went out to the Chilkoot River before dusk to check out the bears coming down from the hillsides to feed on the salmon. When we got back to town, I brought the radio out from the room, grabbed a table, and sat back with some beer from the Haines Brewery. I tuned around for a short while and settled into some music for background. Noted a glimmer of green light in the north sky... a small display of northern lights! This continued off and on, with each mini-show lasting about 5 minutes or so. Not a cloud in the sky and the moon had not risen yet. Around 10pm a huge display started covering just about all of the northeast sky. This lasted for about 30-40 minutes. After the show concluded the full moon had risen a bit and we were treated to an unexpected total lunar eclipse.

I had forgotten about the radio and didn't check out the effect the light show was having on reception. Wish I had, but I was preoccupied. (hi)

Gerry Dexter, Lake Geneva WI

A new propagation term has been added to the WWV forecasts: "pitiful." The DX doldrums were assuaged a bit by a great visit from Bob Brossell last Tuesday. Conditions in the Milwaukee area seem to be no better than here.

Glenn Hauser, Enid, Ok

We had an unexpected local power outage for over two hours the morning of Oct 31, so instead of sleeping in, I couldn't pass up the opportunity to monitor on battery power without all the line noise we have been subject to. Most, but not all of it was gone, resulting in a much lower noise floor. Unfortunately, it was too late for much action on the trop bands, but a number of 60m signals could be detected around 1330 before fadeout, such as 4605, 4750, 4790, 4870, 4900, 4920. Also something in Spanish on 4820, which turned out to be 2-way SSB, Mexican? riding along on an unID carrier.

Jim Ronda, Tulsa, OK

Many thanks to Mark Taylor for a great joint listening session on Saturday morning. This was the first time I've heard Alice Springs and Tennant Creek.

Joe Wood, Greenback TN

This is the first time in over 15 years of SWL I have actually heard pirates on Halloween. Has anybody noticed AFRTS via Key West being off frequency lately? I just logged them with a good signal on 12135u?

Bill Tilford <Bill1tilford@aol.com>, Chicago IL

I live within the city in an area chock full of electrical noise and don't have the option of large external antenna arrays. Nevertheless, until recently I did surprisingly well with a SAT 800 and the whip or for some stations a Mini-Window rigged internally. For the last couple of months, however, reception conditions in my neighborhood have been unusually bad, so I finally bit the bullet and got an active antenna, AOR's LA 380. It's not a miracle cure, it didn't null out all of the noise, but it has turned some stations that recently became inaudible on the whip to audible with some residual noise.

The instructions recommend using at or near a window. I learned after trial and error that this isn't necessarily so. Front and side window locations both left me with an intolerable residual noise level (raising my suspicions that there's something strange in the neighborhood like a bad transformer or street lamp, a neighbor's leaky something or a similar culprit). After trying different locations, I actually found a sweet spot deep inside the room (even though said spot was closer to my wall warts) and set the radio and antenna there.

Handling is like using the analog dials of yore without the frequency markers. Takes getting used to but actually kind of fun when you get the hang of it. Like whip antennas, the loop element is affected by human touch, sometimes touching the loop will null noise, and sometimes it will add it. There is, unfortunately, also what I will call a 'theremin effect' while tuning; the tuning element interacts with your hand and arm somewhat re adding or nulling noise, complicating tuning somewhat.

Bottom line: It hasn't turned unusable static into FM-quality listening, but with practice using the tuning element and trial and error on positioning, it has turned some inaudible stations into audible ones. The next step is to see if I can identify what's mucking up conditions on the ground here.

Errol Urbelis, 563 Meadow Road, Kings Park, NY 11754

I have been using the E1 lately for some nice DX. I see in Passport that they are coming out with the Satellite 1000 which is the same as the E1 except for the color and XM capability.

Celebrating my 50th year of DXing in October. I was using a Hallicrafters S-53A receiver with a 50 foot wire. Didn't keep a log for about a year, November 1958. I have over 50,000 listings in my logbook today.

Through the years of DXing not to much luck with Pakistan, Bangladesh, Indonesia and Burma. I have not heard Bangladesh since 1992 and Pakistan since 1994. What gives?

Just received a Kaito 1121 and Kaito KA11 from Radios4you. They made a nice mistake by sending me 2 of each even though I ordered only one of each. I talked to them on the phone and they sent me a Kaito KA33 loop instead, in exchange for the two radios and they even enclosed a packaging return label. He's a real nice guy.

Using the 1121 is not easy and is complicated to record with the MP3. Picks up several channels real well in long wave.

Good DX and Radio St. Helena on December 15th.

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

No big deal to most of us by now, but I just have to remark what a pleasure it is to have RTZanzibar around. Today (November 18th) it was crashing in here for more than 2 hours, heard until sign off and I got a beautiful recording of the last 30 minutes. Even with the SW bands depleted and the hobby heading steadily downward, it's nice to have them around, and we should cherish every minute.

Marlin A. Field, 128 Oak Street, Hillsdale, MI 49242-1345

I met Richard Wood during the summer of 1970 when he lived in Hawaii and I was a student of the University of Hawaii. Then in July 1971 at a meeting of ANARC in Indianapolis we served on two different panels as part of the program of the organization. After that, when he lived in Louisiana, he helped me in obtaining a QSL from a non-English station whose name I don't recall.

Fred Kohlbrenner <fkohlbr@comcast.net>, Philadelphia, PA

After playing around a bit with Rich D'Angelo's E1 last Sunday and Monday at French Creek and being impressed by it, I spent the remainder of the week going back and forth trying to decide if I really needed one and reading every review I could find on the internet. Finally, decided before I left work this morning that I had to have one. Was going to call Universal at 10AM but decided to call HRO in New Castle, Delaware to see if they had one in stock. They did and I picked it up this afternoon.

Price was great—just \$349 for the radio (no tax), and they included the XM antenna and docking module for free. (They are being shipped to me.) I called Universal when I got home and ordered the antenna jack adapter and radio stand. This radio has a serial number just under #7000, so I don't think it was a recalled unit that went to Drake and are now being cleared out for cheap on-line.

Had it on for about four hours now with no problems. The display is fine, and the frequency readout is dead on. Great audio. Using just the whip antenna I had a nice reception of Zanzibar on 11735, and a het and occasional bits of faint audio on 15476. Also an unid pirate 6925, and Amanecer on 6025.08. Lots of stations audible. The synch on this radio is great and the PBT does a good job too. I've now been awake more than 24 hours, so I feel just like I do on dxpeditions! Still have the noise here but it's not as severe as when I use the Drake with a longwire. Can't wait to get it out of the house for a mini dxpedition.

Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610
After almost six years of weekly publication, the club's electronic Flashsheet has published its 300th issue. Congratulations to the editorial team that made this happen. Our launch editor Sheryl Paszkiewicz was followed by Ray Bauernhuber. Mark Taylor is our current editor. All three of our editors have sacrificed their time and energy to make the Flashsheet a weekly part of our life. Thanks! That doesn't diminish the fine work by the rest of our editorial team that continue to produce the excellent columns that make the Journal the best all shortwave broadcast publication in the business today. The blending of the new electronic age while enhancing the print Journal has been an excellent marriage of mediums to the benefit of the entire club and its membership.

After a prolonged summer, the DXpedition finally commenced with our first effort of the new DX season to French Creek and our 28th trip overall. I didn't think the DXpedition season would ever get here with summer weather extending my backyard mini-DXpeditions into late October.

Fred Kohlbrenner was the first to arrive. He was all set up and tuning the bands when I arrived at 2:30 PM local time. After saying "hi" to Fred, I unloaded my junk putting off as long as possible climbing the sloped terrain to erect my 500 foot wire. Once that was done I rolled out a second wire of about 250 feet on more level terrain as well as a 50 foot run for the E1. Ed Mauger, who rounded out our DXpedition group, had some family related activities in the afternoon so he arrived around 7:00 PM local time which is about four hours later than usual. Nevertheless, Ed managed some foreign medium wave DX results using a relatively short indoor wire instead of his usual monster 1500 foot beverage.

We enjoyed good African conditions in the late afternoon with Djibouti pounding in for its 2100 UTC closedown. Radio Nacional from Bata was also quite good. Radio Universidad from Mexico on 9599.2 had an interesting late afternoon jazz program featuring the Preservation Hall Jazz Band which made for some great relaxed listening. Although Latin's were nothing to shout about, I experienced an excellent opening to the sub-continent with five Indians entering the logbook. It was an unusual opening in that almost nothing was present at the familiar opening times just before 0030 UTC. Instead the stations seemingly drifted up out of the noise floor with many continuing to linger past 0200. Interesting! As the evening wore on, the African stations made another welcomed strong appearance with signals from Zambia and Ethiopia (Radio Fana and Radio Ethiopia) dominating.

With a late night the following morning arrived much too soon. At 3:50 AM local time, I could hear Ed stirring on his way to the radio. I briefly considered getting up to see what was available from Latin America but I never moved. Next thing I knew it was 6:00 AM. I did manage to rise to find Fred tuning the dials. He indicated conditions to South America just weren't much so I was glad I managed a few extra hours of much needed sleep. The morning session featured Radio East Sepik on past 1300 UTC was well as Laos, Myanmar and the three Australian regions in the 2 MHz range. Nothing spectacular but good enough.

After running some errands, including going home to distribute the Flashsheet, I returned around 1830 UTC to note many European signals already occupying the 41 and 49 meter bands. The BBC from Seychelles on 6005 kHz around 1900 was interesting with its Focus on Africa program. A few interesting surprises surfaced with TWR-Swaziland poking through on 3200 kHz before sudden close at 2045 UTC. Parakou made an appearance when Rebelde co-operated by leaving the air for a brief period. Noted at 2027 to 2038 UTC. Also, LRA36 from Antarctica made an appearance although the signal was quite choppy. The afternoon closed with Uganda running past nominal 2100 sign off with a nice signal to 2145* and two Indonesians; Kendari-3995 and Makassar-4750. Also, Ed unhappily noticed WOR-710 IBOC signal wasting away 700 kHz on medium wave.

The last night is our traditional "banquet" meal where I cook up a plate of pasta and someone usually buys some meatballs (this time both Fred and Ed brought them) and bread (Ed took care of this item) to round out the meal. This is usually when we swap stories of past DXpeditions and other events. Not that we haven't told a story or two prior to the meal. Things begin to slow down a bit after a big meal with some listening intently and others going to sleep early to prepare for the following morning. Although Latin America never seemed to peak there was some action but nothing spectacular. A highlight for me was a solid log of the Voice of Iraqi Kurdistan which was new for me. I believe this may be the only way to log Iraq these days on shortwave.

Morning arrived but Latin America was still relatively quiet on the DX front. That prompted Fred to be the first one to pack and depart so he could have his morning nap at home as opposed to in the cabin. Japan's Nikkei Radio was heard as was Radio Chaskis in Ecuador. Things seemed to pick up after Fred departed with signals from four PNGs, a pile of Indians, and a bunch of Chinese stations that I didn't have time to log. Rain decided to visit us making antenna dismantling a little bit more of a chore than usual. After I saw how wet Ed got doing some antenna work, I put the headphones back on intent on waiting out the weather as much as possible. Thankfully, I was rewarded with a nice log of Radio New Ireland with a mix of island music and country tunes with a man hosting in English. However, eventually I did venture out into the wet woods to retrieve my antennas getting soaked in the process. Of course, losing my way in the woods for a while didn't help matters.

Overall, conditions were a little uneven with not much happening from Latin America which is usually a major focus. Instead Indian regional stations and Papua New Guinea provided much entertainment and listening pleasure with four PNGs showing the final morning. Africans were very good in the late afternoon (for local sign off) and late evening's local time (for early morning local time sign on). Despite the lack of Latin signals, the DXpedition was productive for me.

73, Rich

FOR SALE: NRD 545DSP complete with carton and manual. Used only two seasons and in mint condition. Price \$1,000.00 ppd or best offer. Jerry Klinck, 11943 Big Tree Road, East Aurora, NY 14052. Email walescolklnk@roadrunner.com or phone (716) 655-5767.

FOR SALE: Premium-grade communications receiver HQ-180X just cleaned and aligned for sale. Price \$500.00 cash or 12 monthly payments of \$50.00 a month. Buyer pays shipping costs of about \$50.00. Prefer pickup near Greenville, NC. Charles A. Taylor, 629 Saint Joseph Street, Grifton, NC 28530. Email MWDXer@isp.com or phone (252) 814-3618.

Easy Listening

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

Passport's "Top Ten" program picks

As you know from reading elsewhere in the *Journal*, *Passport to World Band Radio* for 2008 has been released; I enjoy reading each edition when it comes out. One of the sections I focus on is *Passport's* list of "Top Ten" programs for 2008, where they profile 10 different and noteworthy programs; I like to see how my own personal "top ten" list compares with theirs. I'll offer my two cents on one of them in this month's *Journal*.

Deutsche Welle—*Spectrum*

Spectrum is DW's weekly half-hour magazine program on science and technology. Normally each half-hour segment has four to five stories, each 6 to 8 minutes in length. Subjects can range from pure science to ethical issues to technology innovations; the six- to eight-minute length allows each story to be developed in greater length than many magazine-oriented programs, which is a treat—this allows DW to delve into a subject deeper than might typically be done.

Spectrum is likely a tough catch on shortwave; while the 2100 UTC broadcast targeting West Africa typically comes in quite well in Eastern North America, this broadcast doesn't include *Spectrum* in any of its editions. Instead, try 0400 UTC Tuesdays on 5905, 5945, 6180, 7225, and 15445 kHz; these all target various regions in Africa. Try also 2000 UTC on 9735 and 13780 kHz. *Spectrum* airs on the live DW webcast on the even half-hours from 0430 Tuesday through 0030 Wednesdays, and each edition is available on-demand via the Web for one week.

75 Years of the BBC World Service

December marks the 75th anniversary of the BBC's efforts in international broadcasting; the **Empire Service**, later more humbly called the **World Service**, made its debut in 1932; there is a special season of programs celebrating the BBC and freedom of information. This special season is called *Free To Speak*.

I know some folks have gravitated away from the BBC World Service in recent years as they have deemphasized their use of shortwave, but the subjects below—in part analyzing how the BBC and other global news media gather, prioritize, edit, and report news, should be very interesting to those who are interested in *how* the BBC decides what to put on air.

Saturday, December 1st: *BBC World Drama: The Rocking Horse* by Sir Arnold Wesker, one of the key figures in 20th Century drama. Wesker has written *The Rocking Horse* to mark the 75th anniversary of the World Service. *Fawlty Towers* star Prunella Scales and Clive Swift, who plays the hapless Richard Bucket in BBC comedy *Keeping Up Appearances*, are among the top cast. This is Arnold Wesker's 50th year of writing plays and, like BBC World Service, he's celebrating 75 years of observing the world. He was knighted in 2006 for his services to Drama. Arnold Wesker himself features in the play, singing a song which opens and closes the piece. European air times include Saturday, 1930 and Sunday, 2200; African shortwave air times will probably include Saturday 2100 and Monday 0000.

Sunday, December 9th, *The Reith Global Debate*: To launch its 75th anniversary series of programs on the theme of individual and media freedom, BBC World Service is holding *The Reith Global Debate* led by

three former Reith Lecturers—US economist Jeffrey Sachs, philosopher Onora O'Neill and Nobel prize-winning Nigerian writer Wole Soyinka. On Sunday 9 December, the three lecturers deliver their thoughts on the theme *Free to Speak*, examining issues of censorship, political and economic pressure, and the ways in which technology is changing methods of communication around the world. The debate takes place in front of an invited audience. **The Reith Global Debate**, a unique new format, is named in honor of Lord Reith, the BBC's first Director General, who launched the Empire Service—forerunner of the current World Service—in December 1932. European air times (including the live Webcast) are 1300 and 2000; times for other regions haven't yet been posted, but these *may* be valid globally: 2000 one of the global air times for *Newshour*.

Monday, December 10th and 17th, **Making News**: Allan Little examines the notion of impartial journalism, and explores how news is presented in a two-part series beginning Monday, December 10th. The series assesses newsmakers' reflexes and ideas about news priorities on Monday 10 December. Allan Little conducts a comparative study of one particular day in three international television news channels—BBC World, Al Jazeera, and CNN—as they explain and justify their news agenda for the day. **Making News** shows up at the various editorial meetings to find out how the organizations create their priorities and shape the treatment of the day's news. The program also hears from critics who blame modern rolling news culture, with its reliance on striking visual images and shock to win the holy grail of audience share. On Monday, December 17th, Allan Little explores the challenges to objectivity in a rapidly changing western media world and discusses the criticism the BBC has met for its sparing use of the word 'terrorist' to describe the perpetrators of atrocities. He also examines news channels that are fond of using the soap box to promote their political stance. European air times (including the live Webcast) are 0905, 1205, and 2005. African shortwave air times will likely include 0905, 1405, and 2105

Wednesdays, beginning December 12th: **Press for Freedom** is a four part series in which former Daily Mirror editor and leading media commentator Roy Greenslade explores how far reporting 'the truth' can be endangered by governments, corporations and the new wave of internet publishing. He looks at the dangers facing journalists in today's world; their freedom to report and how it can be protected. The program focuses on Moscow, Zimbabwe, Kuala Lumpur, and the explosion of small independent citizen/reporter radio stations.

On January 2nd, Greenslade asks how free the press in Europe and America can claim to be. He asks Robert Thomson, editor of The Times, the flagship of Rupert Murdoch's media empire, how the tensions of ownership, advertising and the drive for circulation shape our media. And he ponders whether the upsurge in alternative media suggests that people no longer accept traditional media as free and independent. European air times (including the live Webcast) include 0905, 1205, and 2005; African shortwave air times include 0905, 1405 and 2105.

Saturday, December 15th: **How Free the BBC?** takes a candid look at the relationship between BBC World Service and its funders, the UK Government. Respected UK media commentator Ray Snoddy asks whether a broadcasting organization funded directly by £246 million a year grant-in-aid from the UK Foreign & Commonwealth Office can remain editorially independent. The program features an extensive interview with Nigel Chapman, Director of BBC World Service, responding to the questions raised by Snoddy's analysis. European air times (including the live Webcast) include Saturday, December 15th, at 0530 & 0830; African airtimes are likely the same.

Wednesday, December 19th: **The Big Link Up** celebrates the day of the BBC's 75th birthday with all-day live remote broadcasts linking audiences around the world in a global debate on freedom of the media. The debate will echo the themes of programming in the BBC World Service's *Free to Speak* season. Remote broadcast sites are planned to

include East Asia from Mongolia to Australia; the Middle East, Europe and Africa, and The Americas from North through Central America to the South. Regional link-ups featuring panels of experts and audiences will interact with internet cafes; local radio stations; newsrooms and other meeting places around the globe.

The "Silly Season" comes to Radio Australia and Radio New Zealand International

With the Christmas and New Year holidays approaching along with the first days of summer, much of the southern hemisphere shuts down for holidays and vacations as of mid-December. This includes the domestic English-language services of Australia and New Zealand, which are the sources for much of the programming that airs on shortwave on **Radio Australia** and **Radio New Zealand International**. Both broadcasters relay a substantial amount of domestic content, and they have to shuffle their schedules and bring in one-time programming and increase some repeats.

While plans aren't finalized yet for the schedules of each broadcaster, historically Radio Australia takes much of its holiday season programming from the Local Radio network, not Radio National. There is also an increased level of sports programming at times and on frequencies that are not typical sports times.

As mid-December approaches, I'll try to publicize schedule changes via the *swprograms* e-mail list, the *NASWA Flashsheet*, and my very occasional blog, <http://intradio.blogspot.com/>.

Other broadcasters' holiday plans

Most international broadcasters try to arrange for time off for their program presenters and editors around the Christmas and New Year's seasons, resulting in specials and end-of-year reviews and perspectives that can be prepared in advance. Prior years have seen the following specials and events:

Radio Canada International / CBC

The ODXA's Fred Waterer along with John Figliozzi, have assembled the following notes on what to expect from the CBC:

As It Happens, especially on Christmas Eve, produces a special annual program. Each year, the program contacts members of the Canadian Armed Forces serving with the UN, NATO, NORAD and those serving in the far north. Each unit has 3 or 4 people speak for those serving with the unit. In past years, the units have served in such diverse locations as Canadian Forces Base Alert (Arctic), Colorado Springs (Norad), Germany, Cyprus, Golan Heights, Bermuda (!), the Persian Gulf, Somalia, Bosnia and Croatia, and Kosovo. It also has its moments of humor, such as the time the Canadian naval personnel stationed in Bermuda tried to claim they missed the Canadian winter real bad! (via Fred Waterer/ODXA).

Christmas Day will likely see specials across **CBC Radio One**, as was the case last year; some of these may show up in RCI programming as well.

The weekend before Christmas, **Quirks and Quarks**, the popular long-running science show, will likely air the *Annual Quirks Question Show*; Last year, listeners found out whether blind people get motion sickness, why you can't put metal in the microwave, and why cold snow squeaks when you walk on it.

Vinyl Café will likely air a special Christmas concert.

BBC World Service

The BBC World Service hasn't publicized their holiday plans yet, but there are several annual traditions that are expected to continue:

The Festival of Nine Lessons and Carols is a long-standing tradition. Expect the program to originate once again from King's College in Cambridge; the *Festival* is a celebration of the birth of Christ in readings from the Bible and beautiful choral music. It features traditional favorites such as *Once In Royal David's City* as well as new music specially composed for the occasion. Last

year's airings included Christmas Eve at 1501 and Christmas Day at 1301.

The Queen's Christmas Message to the Commonwealth is another annual tradition, lasting just 10 minutes but a highlight from year to year. Last year's airtimes included December 25th at 1505.

Radio Netherlands

Often Radio Netherlands will air a special seasonal documentary in lieu of *Newsline* on Christmas Day.

Request-a-Month

Unless the US Postal Service or my Internet provider have been blocking items from NASWA members, I received only one comment from NASWA members regarding hobby-oriented programming! I'm amazed by that...considering how, back in the 1980s, programs like *Shortwave Listeners' Digest*, *Media Network*, *DX Party Line*, and *World Of Radio* were "appointment listening" on a Thursday evening (*Media Network*) and over a typical weekend. That one comment came from Bill Tilford, who mentioned that he's a sometime listener to **Radio Havana Cuba's** *DXers Unlimited* and Glenn Hauser's *World Of Radio*, which continues to air on WRMI, WBCQ, KAIJ, and WWCR.

Bill provides some thoughtful comments updating his prior suggestions:

I. Music Updates for B07 from October issue listings:

A. Greek In Style (Voice Of Greece) is now at 0005-0105 UTC on Sundays, 7475 kHz and 9420 kHz, so far 7475 seems better for the midwest (but not as clear as during A07). Song titles are appearing more frequently too.

B. Hecho en Cuba (Radio Rebelde, Cuba) is now 1730-1800 UTC Mon-Fri on 15370 kHz.

C. Todo Musica (Radio Rebelde, Cuba) is now 0330-0800 UTC Saturdays on 5025 kHz.

II. A comment about Radio Ukraine International:

Unless they have a rabbit up their hat for the future, the recent move away from 7440 kHz for the North American English language transmission was extremely unfortunate. 7440 was the only frequency they beamed at us in recent times that was audible without extreme enhancement measures, and I even sent them a letter of high praise about that in the spring. Until the audibility situation is rectified, I'm not going to offer any program endorsements in this particular journal even though I think RUI is worth listening to periodically.

III. I want to second and amplify Richard's November sermon about letter-writing and making our feelings known about radio cutbacks. In the age of the Web, many broadcasting authorities appear to picture us radio listeners as anachronisms, and while being more visible won't guarantee the continuation of radio, failing to do so will virtually guarantee the opposite over time. We need to talk content with them but also need to explain why we still do things the old-fashioned way (portability, the ability of governments to monitor and control internet access etc. etc.).

NASWA should consider whether there is a Flashsheet-type vehicle to alert members when a station is known to be in jeopardy and encourage letter/email writing campaigns. [Good suggestion...I know the Flashsheet editors have included other time-sensitive items (programming changes, other broadcaster news) in the past; check the front of the Journal for submission details—ed.]

Thanks, Bill, for the help—let's use "Open Mike" as the theme for January—suggestions regarding any programming topic will be welcomed!

Until next month (and next year!),

73 DE Richard



Shortwave Center

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News, Notes and Miscellany

From the November AIB Media Briefings...

Pakistan's commercial TV news channels were off the air following the declaration of a state of emergency by President Musharraf on 3 November. Geo News, Aaj TV, Ary World and Karachi Dawn News were not carried on cable television networks which is how a majority of Pakistan's citizens receive TV. The channels are, however, still available on satellite. At the time of the state of emergency, the country's media regulator - PEMRA—told all cable companies to cease carriage of the independent commercial channels, as well as international channels including BBC World, CNN and Al Jazeera. State-controlled Pakistan TV is the only channel carrying news still available across the country. Entertainment channels operated by Geo TV are still available on Pakistan's cable networks as these appear to be seen as less problematic by the government than news channels. Questioned at the ABU General Assembly in Tehran on 4 November, PTV's head said that his news programmes were fair, and had carried interviews with key political opposition figures such as Imran Khan. He declined to say whether such interviews had been broadcast following the state of emergency. At the start of the current crisis, BBC World Service and Voice of America both increased their Urdu-language programming on shortwave. "The Pakistani government has shut down all independent media inside Pakistan," said VoA Director Danforth Austin. "We find ourselves, along with the BBC, among the only international broadcasters currently heard inside of Pakistan." On 28 October, Broadcasting House in Karachi suffered a major fire that resulted in the destruction of 14 studios, the master control room and a range of other technical facilities.

BBC World Service has increased its reach in Romania with the launch of two further

24-hour FM relays. The cities of Sibiu and Constanta now have BBC World Service in English and Romanian available throughout the day, adding to existing relays in Bucharest and Timisoara. In India, the BBC has begun a partnership with Tomato FM in Maharashtra that will see BBC programming available in the cities of Kolhapur and Sangli. There is still a restriction on the carriage of news and current affairs programming on commercial FM radio in India and the programming offered by the BBC is principally sports and entertainment news, plus a weekly chat show.

The AIB announced the winners of its 2007 Media Excellence Awards at a gala evening in London on 20 Nov. 150 media executives, journalists, editors, regulators and satellite operators from every continent gathered at Clothworkers' Hall in London for the AIB Diner Pensant hosted by Mishal Husain, one of the anchors on BBC World. The winners are:

- Clearest coverage of a single news event—radio

BBC World Service for Israel-Lebanon war

described by the judges as "classic war reporting combined with an almost perfect blend of frontline access and compassion for the ordinary people caught up in the conflict"

- Clearest coverage of a single news event—television

CBS News for Among a Resurgent Taliban

"an outstanding report offering exclusive coverage with high production values" with the judges paying particular tribute to Lara Logan's bravery

- Best topical program—television

NDTV 24x7 for UP vs AIDS

“a powerful piece of television dealing with a difficult subject; well filmed and edited and bringing an understanding of the scale of a problem that’s been ignored for a great length of time”

- Best topical program—radio

BBC World Service for Ghana: African Perspectives

“an exceptional piece of radio that was inspiring yet dealt with a highly difficult subject - abortion”

- Gear of the year

Omnibus Systems for iTX

“using commoditised IT equipment, this solution is scalable and integrates a great number of functions allowing multi-skilled operators to take control”

- Most innovative partnership

Radio New Zealand International

“Radio New Zealand International has undertaken work with local partners to provide audiences across the Pacific region with information and topics to connect at all levels in their own language”

- Most creative marketing concept

Joint winners: SW Radio Africa and France 24

“SW Radio Africa’s use of SMS text messaging to beat the censors enables the station to reach an audience under the most difficult censorship conditions”

“France 24’s launch campaign was very well thought through and well executed, with a unique use of animation to bring in younger viewers”

- Most innovative cross-media production

BBC Global News for Generation Next

“These nine days of special programming on television, radio and online was well executed, providing interesting topics for a hard-to-reach market”

- AIB International channel of the year—television

Bloomberg Television

“consistently high quality and punching above its weight, successfully marrying specialist material with more mainstream coverage of news and current affairs”

- AIB International station of the year—radio

Radio New Zealand International

“Radio New Zealand International has proved it has the ability, clarity of vision and resources to deliver something that’s valued by audiences throughout the region”

- AIB International radio personality of the year

George Arney of BBC World ServiceEurope

“George Arney’s slightly quirky approach reveals great truths about how people live their lives. He also takes listeners behind the scenes with some of the planet’s most powerful leaders”

- AIB International television personality of the year

Lyse Doucet of BBC World

“one of the leading presenters and journalists on international television today—highly professional and able to convey the news with just the right measure of confidence”

Kim's Column

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This column, with links, is available at this URL publicized only to NASWA members: <http://www.kimandrewelliott.com/index.php?id=2575>

More silent shortwave sites

In the latter months, at least four large chunks of the shortwave iceberg have gone plop into the sea. With the end of A07, the Radio Netherlands site in Flevo, the Netherlands, and the IBB site in Delano, California, went off the air. That was followed by the announcement that the IBB would give its Morocco relay back to Morocco in March 2008. A bit earlier, on October 1, RAI shut down all of its shortwave broadcasting, and it appears that its sites at Prato Smeraldo and Caltanissetta will never transmit again.

The Morocco announcement was the most shocking. I heard one rumor to that effect, but didn't believe it. The Morocco site is a Cold War stalwart, with ten 500-kilowatt transmitters. But that might also explain its demise. Most of its single hops would land in Eastern Europe, where the pesky outbreak of freedom has greatly reduced the incentive to listen to shortwave. Morocco is also useful for reaching the Arab World, but the Arabs tend to watch satellite television these days. The third prong of Morocco's coverage, Africa, still has plenty of shortwave listeners. Perhaps the thinking is that Botswana and São Tome will suffice.

The announcement about the closure of Morocco said that the "all programs currently broadcast from the Morocco station will continue to be broadcast, either from other IBB facilities or through lease arrangements." With the closure of the IBB relays in Greece in 2006, other IBB facilities will be busy. And even with other stations' reductions of shortwave, I don't know where sufficient transmitters-for-lease will be found. But keep in mind that the promise is to maintain broadcast hours, not specifically frequency hours. Broadcast hours could be fulfilled entirely via the internet.

Delano

Delano was not the ideal location for a shortwave site in 2007. Shortwave audiences in Latin America have dissipated. It's too far from Asia or Africa to reach those continents with commanding signals.

Ironically, just days before Delano closed, President Bush spoke to the people of Cuba via Radio Martí, including a Delano transmitter. And Congress is willing to lavish funds to overcome the jamming of TV and Radio Martí. But the laws of physics tell us that shortwave is the least interdictable of the media available to international broadcasting. The best way to get intelligible content into Cuba is to transmit on as many shortwave frequencies as possible, from as many sites as possible. The closure of Delano eliminates one of those sites.

The U.S. State Department declared 2007 to be the "Year of the Pacific." A big reason for this is that China is expanding its influence there. On the small island nations of the southern Pacific, with their limited domestic journalism and media, people still listen to shortwave, e.g. Radio Australia and Radio New Zealand International. The southern Pacific was also one of the places that Delano could reach reliably. Alas, in this Year of the Pacific, Delano was eliminated as a means to inform the Pacific.

I'm told that Delano will remain, for now, in "caretaker" status. Good. It *will* be needed in the future.

Flevo

The shutdown of the Flevo transmitters means that we can no longer pick up Radio Netherlands via (ahem) the Netherlands. Andy Sennitt wrote in the RN Media Weblog that, by dropping the Flevo transmissions, "we are saving money, and as a bonus the ability to split our transmissions across more sites means that some listeners can expect stronger signals. Also, we have cut out a few hours of Dutch transmissions

where the listening audience was quite small, and boosted other transmissions with additional frequencies." I hope Flevo will be "mothballed" rather than dismantled, because RN may need it in the future.

It does make sense for northerly European countries to drop their transmissions from domestic sites, often swallowed up by auroral disturbances, in favor of relays from more southerly relays. The satellite links are easy enough. RN is doing that by continuing to use its Bonaire and Madagascar relays, as well as leased facilities.

Sackville, New Brunswick, is a sacred place to us of the shortwave persuasion, but I've often wondered if Radio Canada International would give us a better signal if its shortwave transmitters were in the Caribbean rather than in Canada. On a few occasions since 1917, Canada has floated the idea of annexing Turks and Caicos, the most recent a proposal by Nova Scotia in 2004. That would be a good location for a shortwave transmitting site—if there would still be interest in transmitting on shortwave.

Here is the news from RAI. In English

RAI, mentioned above, has given up on shortwave and on most of its 26 languages. (What are all those broadcasters doing now?) But you can still hear the news in English from RAI. It's on RAI's "Notturmo Italiano." This all-night radio program has existed since 1952, when its name was "Notturmo dall'Italia." It's mostly music, but on the hour is news in Italian, English, and French. (German was dropped after October 1.) The program was transmitted to Europe on medium wave and on one shortwave frequency. The shortwave is now gone, but the medium wave and the internet audio stream carry on.

And, so, on my Tangent Quattro internet wi-fi radio, I've been a fairly regular listener to Notturmo, including its news in English. The schedule is 2300-0500 UTC during the winter.

Frankly, this is the program RAI should have transmitted all along on shortwave to North America. Instead of the rip-and-read global news we used to get from RAI's English shortwave broadcast to North America, the Notturmo English news is all about Italy. The reader, a British-accented male, has a much more polished delivery than what we were used to on the old RAI shortwave service. (The weekend of October 6, I heard no English news, just Italian and French. The next weekend, the youngish-sounding female, prone to fluffs, we used to hear on the 0055 UTC shortwave transmission, was back, doing the English news on Notturmo.)

And while the music that filled the second ten minutes of the RAI shortwave broadcasts was an admixture of Western pop tunes, the music on Notturmo is a pleasingly eclectic mix of mostly Italian tunes, some modern, some vintage.

There is sprightly conversation in Italian between musical selections. If you know any Spanish, you'll have some idea of what is being said in Italian. If not, Italian is a pleasant language to listen to uncomprehended.

As I have been listening, I've noticed the Notturmo internet stream drop out ("buffering") a few times. What, is bandwidth exceeded? Are more than forty people accessing the stream? Here is where putting Notturmo back on shortwave to North America might make sense.

In the meantime, pour yourself a glass of Montepulciano d'Abruzzo, sit down to your current novel, and enjoy Notturmo Italiano in the background. We might even send e-mails to Notturmo's apparently live forum, surprising them with a sudden influx of North American listeners.

Views expressed are my own. More at kimandrewelliott.com. Best wishes for the holidays and the new year. 

Listener's Notebook

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AUSTRALIA Double V Shortwave Australia is studying the feasibility of using 2368.5 kHz from Fairfield NSW and Darwin with 1 kW in English, Mandarin, Cantonese, Samoan, Punjabi, Arabic, Indian, Greek, Italian, Urdu, Cambodian, Lao, Thai, Indonesian, Turkish, Assyrian, Tagalog and Vietnamese. The station will be operated by Vale Vision, a print handicapped service, that has a website at: <http://www.radio2doublev.org/>

Currently licensed on 2368.5:

Radio Symban PEAKHURST, NSW

Narrowcast—Greek Station X SOUTHPORT, QLD

Narrowcast—Music from the 1960s to today
Craig Allen GLENMORE PARK, NSW FANNIE BAY, NT
TOWNSVILLE, QLD CRAIGIEBURN, VIC WEST SWAN,
WA PARALOWIE, SA

We are interested in obtaining from the ACMA two shortwave broadcasting licences to broadcast 24/7 one to cover Sydney and the other Darwin and if possible some of Timor, Indonesia and PNG. The 4 transmitters will be from <http://www.transmitter.be/hcj-tb1000.html> A weekly DX Show is proposed. Studios are in Canley Vale NSW (australia.radio.broadcast.moderated), via Nov Australian DX News/DX Listening Digest/Hauser-OK)

BELARUS Radio Belarus, B07 schedule: BR-1:

0000-0200	6080 6105
0300-0500	6080 6115
0500-0800	6080 6115 7170
0800-1600	6080 6115
1600-1800	6080 6090 6115
1800-2300	6080 6115
2300-2400	6080 6105

Belorusskoe Radio:

1200-1805	7360 7390
1805-2400	7360 7390 7420

(Sergey Akekyshchik-BLR, RUSdx Nov 18/WWDXC BC-DX/Bueschel-DE)

BELGIUM(non) Updated B-07 of TDP stations:

TDP Radio in DRM:

0000-0100	9790 SAC
0800-0900	6015 ISS Mo
0900-1000	6015 ISS Tu
1000-1100	6015 ISS We
1100-1200	6015 ISS Th
1200-1300	6015 ISS Fr

1300-1400	6015 ISS Sa
1400-1500	6015 ISS Su
1500-1600	6015 ISS

Moj Them Radio in Hmong:

0100-0130 15260 TAI Mo/We/Fr

Denge Mezopotamya in Kurdish:

0500-1500	11530 KCH
1500-2100	7540 KCH

Que Huong Radio in Vietnamese:

1200-1300 15680 DB Mo-Sa

Tensae Ethiopia Voice of Unity in Amharic:

1500-1600 11900 ARM

Ethiopian Orthodox Tewahedo Church/Holy Synod Radio in Amharic:

1600-1700 9445 SAM Mo

Radio Xoriyo Ogadenia in Somali:

1600-1700 9445 SAM Tu/Sa

Andenet Le Democracy in Amharic:

1600-1700 9445 SAM We/Fr/Su

Ethiopian People's Patriotic Front (EPPF) in Amharic:

1600-1700 9445 SAM Th

Voice of Delina in Tigrigna:

1700-1730 7335 ARM Mo-Fr

Radio Democracy Shorayee in Persian:

1700-1800 7470 RUSorTDF transmitter Tu/Th/
Fr/Su

Suab Xaa Moo Zoo in Hmong:

2330-2400 11655 TAI

(DX Mix, BULGARIA)

BOLIVIA 5996.35 **Radio Loyola**, Sucre, 2259-2400*, Nov 03 and 09, new station broadcasting Boleros and ballads in Spanish and Aymara, "...musica que todos quieren escuchar el sabado a traves de Loyola..." presented in the program "Cancionero de Siempre." Ann: "...si amigos de la capital de Bolivia, hemos estado por Loyola con esta programacion, amigos de Loyola, hasta manana..." Left the air without closing ann. (Canote-PERU, Rodriguez-COLOMBIA and Slaen-ARG/DSWCI DX-Window/Petersen-DK) Heard Nov 10 at 0030-0040. (Wilkner-FL/DSWCI DX-Window/Petersen-DK)

CANADA Frequency change for **Radio Canada International** in English/French:

1800-2000 NF 17790 SAC, ex 17740

(DX Mix, BULGARIA)

CENTRAL AFRICAN REPUBLIC A new shortwave station in Central Africa Republic is making Christian broadcasts and community health information available to most of the country's 3.5 million people. This is the country's first privately owned shortwave station.

Curt Bender of the Indiana-based HCJB Global Technology Center led the team that installed the station in Boali, culminating several years of planning and prayer by partner, **Integrated Community Development International (ICDI)**.

"Our partner, Jim Hocking, and the staff of ICDI have prayed and worked to see this vision of nationwide Christian radio," said Bender, who manages radio planting and development at the technology center in Elkhart.

In a clear example of the voice and hands of Jesus at work, Bender shared, "This is a country that has been devastated by war and HIV/AIDS. The folks at ICDI plan to use the radio broadcasts to help disseminate community health information and to spread the gospel. The needs are immense, but this station is a significant step in helping a people who need so much."

The low-power shortwave station, broadcasting at 6030 kHz, airs eight hours daily with programming in French and three African languages, Sango, Aka and Fulfulde. "This radio station will enable the staff at ICDI to deliver community health information and the gospel daily to remote villages inaccessible by vehicle," he added.

Bender, together with engineers Dan Anderson, Don Hastings and Jeremy Maller, installed the 1,000-watt shortwave transmitter at ICDI, a ministry founded by Hocking 3 years ago.

Anderson said response to the new broadcasts was almost immediate. "Within hours of going on the air the station received cell phone calls from 10 towns across the country even though no formal announcement had been made. Reports came from as far away as 300 miles! Pray that many will come to trust Christ and that the churches in the country will be built up through the ministry of this station. We thank God for the privilege of having a part in starting this ministry."

A week earlier (Thursday, Feb. 22), the mayor of Boali spoke during a "commissioning ceremony" to thank all the people who helped make the station a reality. "Her comments were aired to the nation over

the radio during an initial one-hour test broadcast," Bender said.

The TB1000 shortwave transmitter, while portable and compact like a FM transmitter, "can send the signal much farther than FM transmitters." The antenna, designed at the technology center by Hastings and Maller, covers an area almost the size of a football field when fully assembled.

The team also set up two satellite dishes for access to the Internet. This allows ICDI and other mission organizations in the country to have "reliable e-mail and Internet access," Bender explained.

Hocking first got involved with HCJB Global Voice six years ago when he was with Grace Brethren International Missions. At that time engineers helped the mission set up an FM station in the capital city of Bangui.

"I felt like we needed broadcasts that would reach further," said Hocking. Poor roads make traveling to many villages difficult or dangerous. For these reasons, radio has become the logical tool to reach the inaccessible people of the country.

It was a year after founding ICBI that he began serious discussions with HCJB Global Voice regarding a shortwave station to complement the ministry's community development work. The radio station as an effective way to disseminate community health information and spread the gospel.

ICDI has been involved in various community health projects across Central African Republic such as well-drilling to provide drinking water in remote villages, orphan care and micro-enterprise development.

Hocking expressed his appreciation to the staff at the HCJB Global Technology Center on Monday, March 5. "There would not be a shortwave station on the air today in the Central African Republic if not for the help of HCJB Global," he said. "We are already having fantastic results with people calling from across the country." (HCJB Global/Staen-ARG, DXplorer Nov 9/WWDXC Top News/Bueschel-GERMANY)

CLANDESTINES 5954.13 **Radio Republica**, Miami via? , *2259-0024, Oct 16, 20, 23 and 26, piano IS, talk on politics in Spanish on new frequency not heard // 6135, fair, QRM R Taiwan Int. via WYFR on 5950. (Bernardini, Hauser and Valko/DSWCI DX-Window/Petersen-DK)

7540 **Voice of Mesopotamia**, via Maiac, Moldova, *1500-2100*, Oct 28 and 29, Kurdish talk, ID, Kurdish folksongs, new frequency ex 7590 (not heard). The carrier was on at 1457 before 11530 signed off! (Petersen-DK/DSWCI DX-Window)

9445 **Andenet Le Democracy Radio** on <http://www.andenet.com/> ann that as of Oct 28 moves from 11720 to 9445, time unchanged 1600-1700. (Krone). In Amharic We/Fr/Su. Broker is still TDP. (DSWCI DX-Window/Petersen-DK)

9445 **EOTC Holy Synod Radio** is a new program on Mondays at 1600-1700 in Amharic, probably via Samara. Broker TDP at <http://www.airtime.be/schedule.html>. (DSWCI DX-Window/Petersen-DK) It was heard from *1600 on Mo Oct 29. (Ritola-FINLAND/DSWCI DX-Window/Petersen-DK)

9445 **EPPF Radio**, on Thursdays at 1600-1700 in Amharic, probably via Samara, ex 15260. Broker TDP. (Petersen-DK/DSWCI DX-Window)

11655 **Suab Xaa Moo Zoo**, a new daily broadcast at 2330-2400 in H'mong to Asia. Broker is TDP. (Petersen-DK/DSWCI DX-Window)

CONGO—DEMOCRATIC REPUBLIC 5066.34 **Radio Tele Candip**, Bunia, F / Vernacular phone-in program and "Radio Tele Candip" in between on free channel, but weak, heard only one day on Oct 16 at 1610. (Schliephacke-DK/DSWCI DX-Window/Petersen-DK)

CROATIA 3984.83 **Hrvatski Radio**, Deanovec, 0256-0340, Oct 26, Croatian ID's "Glas Hrvatski" and "Hrvatski Radio" on new frequency (ex 6165 at night?), modern orchestra and songs, 0300 TS, interview about Dubrovnik, Mostar and Split, phone-in to "Radio Mostar" about Croatia and Bosnia-Herzegovina, Croatian pop songs, not heard on 6165. (Petersen-DK/DSWCI DX-Window)

Winter B-07 schedule of **HRT HS-1** in Croatian:

0457-0856 6165
0857-1356 9830
1357-2356 6165
2357-0456 3985v

(DX Mix, BULGARIA)

3985 broadcasts another Croatian program 2130-2356. (Koie-DK/DSWCI DX-Window)

CZECH REPUBLIC (non) Additional transmissions of **Radio Prague** via VT Communications:

0100-0127 Spanish 11665 ASC
0200-0227 English 5995 SAC
1100-1127 French 17515 ASC

(DX Mix, BULGARIA)

EQUATORIAL GUINEA 5005.01 **Radio Nacional**, Bata, 2145-2155, Nov 11, back on the air, Vernacular ann, Afropop. (Petersen-DK/DSWCI DX-Window)

ERITREA 7900v **Voice of the Broad Masses**, Asmara, 1600-1700, Nov 04 and 05, talk heard with weak strength // P-1 on 7180. It was jumping around 7800-8100 followed by the Ethiopian "multitone"

jammer audio which also was in synchro on both frequencies. I wonder if Eritrea now uses Radio Bana transmitter during 16-17 time block. (Savolainen-FIN/DX Listening Digest/Hauser-OK)

ETHIOPIA The African station on 6030 is Ethiopia, though exactly what it is is still not fully clear!! Mauno Ritola drew my attention to it 10 days ago, but I did not report it to this group as (a) it was Mauno's "find," and so his to report if he so wished, and (b) we have had had something of a problem with it!!

My friends in Nairobi identified it as **Voice of the Tigray Revolution**, in parallel with 5980.

However, Mauno has also heard IDs for "**Radio Oromiya**" on it, and has heard 6030 and 5980 carrying separate programming at times, so some mystery remains. Perhaps the Ethiopians have been using it to relay different things?

It seems to be on all day, from the morning until closing at 2100.

Over the past year, both Voice of the Tigray Revolution and Radio Fana have added extra transmitters and used a variety of frequencies. Recently they have been heard on 5960, 5970, 5980, 6110 and 6185. With Radio Ethiopia on 5990, the 49m band has become a playground for new Ethiopian transmitters. Mauno notes that 6030 has been exceptionally strong in Finland.

Here in the UK I can hear 6030 in the evening, but underneath BBC in Arabic (Chris Greenway, UK/DX Listening Digest/Hauser-OK)

GERMANY Frequency changes for **Deutsche Welle**:

0800-1000 German NF 9885 BON, ex 9785
1300-1400 Hausa NF 15440 KIG, ex 15410
1330-1430 Dari/Pas NF 13855 MOS, ex 15620 WOF
1330-1500 Dari/Pas NF 9380 DHA, additional
1400-1500 Amharic NF 15660 KIG, additional freq
1400-1500 DRM NF 17790 SIN, additional freq
2000-2100 English NF 9690 KIG, ex 9735

(DX Mix, BULGARIA)

T-Systems (DTK) B07: [sorry, no languages in original document - ed.]

Polish Radio Warsaw:

1130-1200 9445 WER
1130-1200 7285 NAU
1200-1230 13840 WER
1200-1230 15520 WER
1230-1300 5965 WER
1230-1300 5975 WER
1300-1400 9450 WER

1300-1400 5975 NAU
 1400-1430 11675 WER
 1400-1430 11840 WER
 1430-1529 6035 JUL
 1430-1529 7180 JUL
 1530-1559 7335 JUL
 1530-1600 6000 JUL
 1600-1630 9440 WER
 1600-1630 7170 WER
 1630-1700 7105 MC
 1630-1800 6140 WER
 1800-1900 7130 ISS
 1800-1900 6015 WER
 1900-1929 5935 WER
 1900-1930 9760 WER
 1930-1959 5850 JUL
 1930-2030 5935 WER
 2000-2030 6135 WER
 2030-2100 11940 GUF
 2030-2100 9640 GUF
 2200-2300 6050 WER
 2200-2300 9660 GUF

Pan Am Broadcasting:

0030-0045 6165 WER Su
 1400-1415 13750 NAU Tu/Th
 1400-1415 13645 NAU Sa
 1400-1430 13645 WER Su/We
 1415-1430 13645 WER Mo/Tu/Th/Fr/Sa
 1430-1445 13645 NAU Su
 1430-1445 13750 JUL Su
 1600-1630 9850 JUL Su/Th
 1630-1645 9850 JUL Su
 1930-2015 6020 WER Su
 1930-2030 6020 WER Sa
 2000-2030 6020 WER Fr

Christian Voice/Voz Christiana:

0500-0559 9430 WER
 0600-0659 11720 WER
 0700-0900 15640 WER
 1500-1759 15680 WER
 1800-1959 9490 WER
 2000-2059 7285 WER

Democratic Voice of Burma:

2330-0030 5955 WER

FEB:

1900-1930 7235 WER

Radio Miami International:

1701-1731 9820 WER Sa

Radio Traumland (Belgium):

1400-1500 5965 JUL Su

Missionswerk Arche:

1200-1215 6055 WER Su

IBC Tamil:

0000-0100 6045 WER

Radio Romania International:

1500-1530 7340 WER

HCJB Voice Of The Andes:

1600-1700 3955 WER

Mecklenburg-Vorpommern Baltic Radio:

1300-1400 5965 JUL/WER Su

Christliche Wissenschaft:

1000-1059 6055 WER Su

1901-2000 5960 WER Sa

Hamburger Lokalradio:

1000-1100 6045 JUL/WER

1000-1100 6045 WER

Evangelische Missions Gemeinden in Deutschland:

1130-1159 6055 WER Sa/Su

1200-1230 11840 NAU Sa

1600-1629 6000 WER Sa

Radio Reveil Paroles de Vie:

1830-1845 11840 JUL

Sagalee Bilisummaa Oromoo:

1700-1759 9485 NAU Tu-Su

RHU:

1630-1659 9820 JUL Tu/Fr

EFD:

1900-1959 9620 JUL Su/We/Fr

ELF:

1700-1759 9820 JUL Th

IBRA Radio Sweden:

1730-1759 9660 JUL

1730-1800 9520 JUL

1800-1859 9470 NAU 250 IBR Chad/Sudan north

1900-2045 9845 NAU

TOM The Overcomer Broadcast:

1400-1558 13810 NAU

1400-1559 15325 NAU

1400-1600 6110 JUL

1600-1700 6110 JUL Su

Bible Voice Broadcasting:

0030-0045 5935 NAU

0030-0100 6030 NAU

0430-0500 9615 WER Mo-Th

0430-0500 9615 WER Su

0430-0530 9615 WER Sa

0430-0545 9615 WER Fr

0800-0915 5945 WER Fr/Sa

0800-0945 5945 WER Su
 0900-1000 17545 NAU Fr
 0915-0945 5945 WER Sa
 1200-1230 5945 WER Su
 1400-1459 11695 NAU Sa/Su
 1500-1530 11895 NAU Sa
 1500-1530 11895 NAU Su
 1500-1559 12035 WER Tu
 1500-1559 11895 NAU Mo/Th/Fr
 1515-1559 12035 WER We/Th/Sa
 1515-1559 11895 NAU We
 1530-1559 11895 NAU Tu
 1530-1559 12035 WER Su/Tu/Fr
 1530-1600 13720 JUL We
 1600-1759 9730 NAU Mo-We
 1600-1830 9730 NAU Sa
 1600-1900 9730 NAU Su
 1625-1715 11970 WER Tu/Fr
 1625-1729 11970 WER Mo/We/Th
 1630-1659 9595 JUL Su/Fr
 1630-1729 11645 JUL
 1630-1759 9730 NAU Th
 1630-1830 9460 JUL Su
 1630-1900 9730 NAU Fr
 1640-1700 9460 JUL Mo/We
 1640-1715 9460 JUL Fr
 1640-1745 9460 JUL Th
 1640-1900 9460 JUL Tu
 1645-1929 9460 JUL Sa
 1700-1859 5900 NAU
 1715-1829 6195 WER Mo/We/Fr
 1730-1859 6195 WER Su
 1800-1815 7210 JUL Sa
 1800-1829 6195 WER Tu/Th
 1800-1830 7205 JUL Su
 1800-1830 7210 JUL Mo/We/Fr
 1800-1859 6195 WER Sa
 1800-1859 7210 JUL Su/Tu/Th
 1830-1859 9460 JUL Fr
 1830-1959 7260 JUL Su
 1900-1929 5960 JUL Th
 1900-1930 6015 JUL Tu/Fr
 1900-1945 6015 JUL Sa
 1900-1959 9470 WER Sa/Su
 1900-2030 6015 JUL Su
 1901-1931 7245 WER Su
 1915-1930 6015 JUL Mo/We
 1915-1945 6015 JUL Th
 1930-1959 7260 WER Sa
 1930-1959 9470 WER Fr
 2000-2030 9565 WER Th
 2245-2330 7185 WER Fr
 2300-2330 7185 WER Sa

Gospel For Asia:

0030-0130 7215 WER
 1330-1429 13600 WER
 1430-1529 12005 WER
 1530-1630 11645 WER
 2330-0030 7160 WER

WYFR Family Radio:

1300-1359 15770 WER
 1300-1459 13820 WER
 1300-1600 13700 WER
 1400-1459 11830 WER
 1400-1559 15115 WER
 1500-1559 9665 WER
 1500-1559 9800 NAU
 1500-1800 11830 WER
 1500-1859 13660 WER
 1600-1659 11845 WER
 1600-1659 11845 NAU
 1600-1659 15325 NAU
 1600-1659 15325 WER
 1600-1659 9830 WER
 1600-1659 9650 NAU
 1600-1759 11815 WER
 1600-1800 9405 WER
 1600-1900 9885 WER
 1700-1759 6105 NAU
 1700-1759 9435 NAU
 1700-1800 11685 JUL
 1700-1900 5970 WER
 1700-1900 9925 WER
 1800-1859 6050 JUL
 1800-1859 11665 WER
 1800-1859 9520 WER
 1800-1859 9770 WER
 1800-1900 6120 NAU
 1800-1900 9845 NAU
 1800-1900 3955 WER
 1900-1959 9695 WER
 1900-1959 6175 WER
 1900-2000 9500 WER
 1900-2000 6120 NAU
 1900-2000 9770 NAU
 1900-2200 9480 WER
 2000-2059 9465 WER
 2000-2100 5925 JUL
 2000-2100 9595 NAU
 2000-2100 9670 WER
 2000-2159 9610 WER
 2100-2159 7305 WER
 2100-2200 5970 WER
 2200-2300 7305 WER
 2200-2300 6010 WER
 2200-2300 5960 WER

Hrvatska Radio Televizija:

0000-0400 7285 WER
 0200-0600 7285 NAU
 0500-0759 9470 WER
 0600-1000 11690 WER
 2300-0400 7285 WER

AWR Adventist World Radio:

0300-0330 7185 WER
 0300-0400 7315 WER
 0500-0600 6045 WER
 0700-0759 9595 WER

0800-0830 11975 WER
 0800-0900 12010 WER
 1000-1100 9610 NAU Su
 1200-1300 15495 WER
 1300-1329 11720 WER
 1330-1459 11725 WER
 1500-1559 11675 WER
 1500-1600 9855 WER
 1630-1700 11905 WER
 1730-1759 11795 WER
 1730-1800 9640 JUL
 1900-1959 9880 WER
 1900-2000 11955 JUL
 2000-2030 9805 WER
 2000-2030 7110 WER
 2030-2100 9505 JUL

Radio Netherlands World Service:

0559-0657 6120 NAU
 0559-0757 9895 NAU
 0658-0858 5955 WER
 0659-0757 7220 NAU
 0757-0857 11935 WER
 0759-0857 9895 NAU
 0857-1057 13700 NAU Sa
 0858-1157 5955 WER Mo-Fr
 0858-1559 5955 WER Su
 0859-1058 9895 NAU Sa
 0859-1100 6120 WER Su-Fr
 1000-1400 5930 NAU
 1058-1557 9895 WER Sa
 1058-1559 5955 WER Sa
 1059-1157 9895 WER Mo-Fr
 1059-1557 9895 WER Sa/Su
 1159-1557 5955 WER Mo-Fr
 1559-1657 9750 NAU
 1559-1657 9895 NAU
 1659-1757 6010 WER
 1759-1957 12050 WER

TWR Trans World Radio:

0742-0920 6105 WER Su
 0757-0850 6105 WER Mo-Fr
 0812-0850 6105 WER Sa
 1452-1555 7170 WER
 1627-1700 5950 JUL Sa
 1627-1730 7165 JUL Mo-Fr
 1627-1730 5950 WER Mo-Fr
 1657-1730 7165 JUL Sa/Su
 1657-1730 5950 WER Sa/Su

Voice Of Russia:

0200-0500 6155 WER
 1500-1600 13755 WER
 2300-2400 6175 WER

International Broadcast Bureau:

0100-0300 9670 WER
 0230-0330 9495 WER
 0230-0330 7200 WER
 0300-0400 7105 WER
 0400-0500 6140 WER

0400-0500 12015 WER
 0600-0700 17675 WER
 1400-1459 9565 WER
 1600-1659 9520 WER
 1630-1729 12110 JUL
 1630-1930 5850 WER
 1700-1759 9770 WER
 1730-1829 9495 JUL
 1730-1845 11905 WER Mo-Fr
 1800-1845 11905 WER Sa/Su
 1800-1859 9595 WER
 1830-1930 9680 JUL

(DTK T-Systems Juelich, Oct 19, via Worldwide DX Club/Bueschel-DE)

GHANA *Ghana Broadcasting Corporation* to install new shortwave transmitter. Ghana's Minister for Finance and Economic Planning, Kwadwo Baah-Wiredu, presented the 2008 Budget to Parliament, in which he said the Ghana Broadcasting Corporation (GBC) would install a 50 kW transmitter to improve upon its shortwave service and introduce a second channel to be situated in Kumasi for commercialisation and public education on government policies and programs. (GNA via ModernGhana.com via RNW MN Nov 16/WWDXC BC-DX/Bueschel-DE)

INDIA 4940 and 7280, *AIR Guwahati* is currently off the air via SW on as well as its external service transmission is also off the air on 7420. I have not found AIR Guwahati via SW on any other alternate frequency even on 4900. AIR Guwahati is nowadays very poor here on 729 MW. So, I was unable to listen to their frequency ann. (Sharma-IND via Gupta-IND, Nov 12/DSWCI DX-Window/Petersen-DK)

INDONESIA 3579 *RSPK Ngada*, Bajawa, Flores; I can confirm that there is definitely a BC stn with (observed) word px in BI, not pirate-like chat, rather professional, but even here in West-Java little more than threshold level on my ICF 7600GR, observed on Oct 23rd at 1145 UT and Nov 8th at 1315 UT. (Werdin, Bandung-INS, WWDXC BC-DX Nov 11/Bueschel-GERMANY)

4750 *RRI Makassar* Contrary to reports read somewhere the stn is alive and kickin'! Hrd here many days, last on Nov 10th between 0900 and 1300+, off at 1405 UT. (Werdin, Bandung-INS, WWDXC BC-DX Nov 11/Bueschel-GERMANY)

4875.0 *RRI Sorong*, same as Makassar, gone as well. Only the more easterly transmitters seem to remain at the very moment (Serui, Fak-Fak, Wame-na, Biak etc). Asking young Indonesians in Lombok most of them never heard of SW and just tune in the local FM's and there is not much difference to the MW band. Being in Mataram some two years ago I saw the RRI's 10kW SW outlet (a Continental brand used to broadcast on 3215). No plans to re-active due to costs of spare parts and from the two MW outlets only one was active with 828 kHz at that time (listed on 855) while the other one was gone

(they used to broadcast on 1179 something like that). (Schliephacke/DSWCI DX-Window/Petersen-DK)

4925 **RRI Jambi**: this is a bit of a puzzle, between 0940 f/in to abt 1400 UT its definitely RRI Jambi, hrd often here w many IDs. After 1400 on some days hrd what might be a pirate stn, e.g. on 08.11. at 1400amale voice with anncs and chats in BI, many phone-ins, callers giving their name and place.

What puzzled me there was no ID, no TA, no warta berita, the same px cont till past 1520 UT, but gone at re-check 1555 UT. Or is it just a "late night show" on RRI Jambi. Strength here in Bandung as Jambi before, also audio quite good. On Nov 10th stn was off altogether, not hrd between 1000 to 1400 UT. Anyone any idea? (Werdin, Bandung-INS, WWDXC BC-DX Nov 11/Bueschel-GERMANY)

The following stations were/were not audible on Java on Oct 23 and 24 between 1100-1400:

- 2960 **RPDT2 Manggarai**; ann in definitely Bahasa Indonesia (BI), poor level
- 3215 **RRI Manado** not heard
- 3266 **RRI Gorontalo**, local/reg ann in BI, many mentions of "pemerintah"=government, distinct echo probably from feeder, later gone when studio ann, ID and TA waktu Indonesia tengah = Central Indonesia Time
- 3325 **RRI Palangkaraya**, Indonesian pop music
- 3345 **RRI Ternate**, phone-in program in BI
- 3579 tent **RSPK Ngada**, here I am not sure, too weak to ID
- 3976 **RRI Pontianak**, BI telephone reports
- 3987 **RRI Manokwari**, word program in BI with either instr music in background or second station 3985/3990 3995RRI Kendari, local/reg ann with many mentions of "pemerintah"
- 4050 Pirate; chat in BI, 1 min off, then on again, chat w background music, quite strong but hollow audio
- 4606 **RRI Serui**, BI lovesong, 1159 RPK (SCI), ID into warta berita
- 4750 **RRI Makassar**, BI news, still the strongest of them all here, but distant audio
- 4790 **RRI Fak-Fak**, BI ann, 1209 sports transmission with rapid talk
- 4870 **RRI Wamena** not hrd
- 4875 **RRI Sorong** not hrd
- 4925 **RRI Jambi**, word program and live reports in BI, ID, regional news, the second strongest here
- 4925 Pirate at 1425 after s/off of Jambi, chat and music, sounds rather unprofessional, also at around 1430 no IS, no ID or TA, strong—I recall 10 years ago when I lived here, having come across this several times, pirate stations occupying a RRI station after close-down of latter.

(Werdin-INDONESIA/DSWCI DX-Window/Petersen-DK)

Voice of Indonesia has just opened this website with stereo audio: <http://www.voi.co.id/realtime/> (Koie-DK, Nov 06/DSWCI DX-Window/Petersen-DK)

ISRAEL Winter B-07 schedule for *Kol Israel* till Dec 31:

0430-0445	English	7545 9345 17600 till Dec.14
0430-0445	English	6280 7545 17600 from Dec.15
0445-0500	French	7545 9345 till Dec.14
0445-0500	French	6280 7545 from Dec.15
0500-0555	Hebrew	7545
0600-0755	Hebrew	11590
0800-1030	Hebrew	15760
1030-1045	English	13855 15760
1045-1100	Music	13855 15760
1100-1115	French	13855 15760
1115-1355	Hebrew	15760
1400-1455	Hebrew	13630
1500-1600	Persian	7420 9985 13630 Fr/Sa (alt. 9390 11605 13850)
1500-1625	Persian	7420 9985 13630 Su-Th (alt. 9390 11605 13850)
1600-1725	Hebrew	13630 Fr/Sa
1625-1725	Hebrew	13630 Su-Th
1730-1745	Romanian	6985 7545 9345
1745-1800	Ladino	6985 7545 9345
1800-1815	French	6985 7545 9345
1815-1830	Spanish	6985 7545 9345
1830-1845	English	6985 7545 9345 15640
1845-1900	Yiddish	6985 7545 9345
1900-0430	Hebrew	7545
1900-1930	Amharic	6985 9345
1930-1945	Tigrinya	6985 9345
1945-2000	Hungarian	6985 9345
2000-2200	Russian	6985 9345
2100-2215	Hebrew	13855

(DX Mix, Bulgaria)

ITALY / SLOVAKIA NEXUS-IBA IRRS B07:

0900-1000	German	9510 UNL Su
1000-1300	English	9510 EGR Su
1300-1330	English	15750 UNL
1500-1800	En/Arabic	9825 MIR
1800-2000	English	7285 EGR Fr-Su

Broadcasts Sa are on an experimental, not regular basis.

EGR=European Gospel Radio
MIR=Miraya FM Radio, Southern Sudan
UNL=Universal Life

(Ivanov-BUL, Oct 30/DSWCI DX-Window/Petersen-DK)

KOREA—NORTH B07 Winter schedule of *Voice of*

Korea, Pyongyang:

0000	Chinese	13650 15100 4405
0000	Korean(PBS)	7140 9345 9730 3560
0000	Spanish	11735 13760 15180
0100	English	7140 9345 9730 3560
0100	English	11735 13760 15180
0100	French	13650 15100 4405
0200	Chinese	7140 9345 9730 3560
0200	English	13650 15100 4405
0200	Spanish	11735 13760 15180
0300	Chinese	13650 15100 4405
0300	English	7140 9345 9730 3560
0300	French	11735 13760 15180
0700	Japanese	3250 7580 9650
0700	Korean(PBS)	7140 9345 4405
0700	Russian	9975 11735 3560
0700	Russian	13760 15245
0800	Chinese	7140 9345 4405
0800	Japanese	3250 7580 9650
0800	Russian	9975 11735 3560
0800	Russian	13760 15245
0900	Japanese	3250 6070 7580 9650
0900	KoreanKCBS	7140 9345 4405
0900	KoreanPBS	9975 11735 3560
0900	KoreanPBS	13760 15245
1000	English	6185 9850 3560
1000	English	6285 9325
1000	Japanese	3250 6070 7580 9650
1000	KoreanPBS	7140 9345 4405
1100	Chinese	7140 9345 4405
1100	French	6185 9850 3560
1100	French	6285 9325
1100	Japanese	3250 6070 7580 9650
1200	Japanese	3250 6070 7580 9650
1200	KoreanKCBS	6185 9850 3560
1200	KoreanKCBS	6285 9325
1200	KoreanPBS	7140 9345 4405
1300	Chinese	6185 9850 3560
1300	English	7570 12015 4405
1300	English	9335 11710
1300	KoreanPBS	6285 9325
1400	French	7570 12015 4405
1400	French	9335 11710
1400	KoreanKCBS	6185 9850 3560
1400	Russian	6285 9325
1500	Arabic	9990 11545 3560
1500	English	7570 12015 4405
1500	English	9335 11710
1500	Russian	6285 9325
1600	English	9990 11545 3560
1600	French	7570 12015 4405
1600	French	9335 11710
1600	German	6285 9325
1700	Arabic	9990 11545 3560
1700	KoreanKCBS	7570 12015 4405
1700	KoreanKCBS	9335 11710
1700	Russian	6285 9325
1800	English	7570 12015 4405

1800	French	7100 11910
1800	French	9975 11535 3560
1800	German	6285 9325
1900	English	7100 11910
1900	English	9975 11535 3560
1900	German	6285 9325
1900	Spanish	7570 12015 4405
2000	French	7570 12015 4405
2000	KoreanKCBS	6285 9325
2000	KoreanKCBS	7100 11910
2000	KoreanKCBS	9975 11535 3560
2100	Chinese	7180 9345 3560
2100	Chinese	9975 11535
2100	English	7570 12015 4405
2100	Japanese	3250 7580 9650
2200	Chinese	7180 9345 3560
2200	Chinese	9975 11535
2200	Japanese	3250 7580 9650
2200	Spanish	7570 12015 4405
2300	Japanese	3250 7580 9650
2300	KoreanKCBS	7180 9345 3560
2300	KoreanKCBS	7570 12015 4405
2300	KoreanKCBS	9975 11535

(Arnulf Piontek, Germany/DX Listening Digest/
Hauser-OK)

KOREA—SOUTH *KBS World B-07:*

0100-0200	Spanish	15575
0200-0230	Spanish	9560Sa
0200-0300	Japanese	11810
0200-0300	English_1	15575
0230-0300	English_2	9560Sa
0300-0400	Korean_2	11810
0600-0630	Spanish	6045Sa
0700-0800	Korean_2	9870Sk
0800-0900	English_1	9570
0800-0900	Japanese	7275
0900-1000	Korean_2	15210
0900-1100	Korean_1	7275 9570
1100-1200	Japanese	7275
1100-1200	Spanish	11795Sa
1130-1230	Chinese	6065 9770
1200-1300	Indones.	9570
1200-1300	English_1	9650Sa
1200-1300	Korean_2	7275
1230-1300	Vietnam.	9770
1300-1400	English_1	9570 9770
1300-1400	Chinese	7275
1400-1500	Japanese	7275
1400-1500	Korean_2	9650Sa
1400-1500	Indones.	9570
1430-1500	English_2	9750R? DRM [Daily or weekly?]
1430-1500	Vietnam.	9640
1600-1700	English_1	9515
1600-1700	Korean_1	7275 15175
1700-1800	Korean_1	7275 9515 15175
1800-1900	Korean_1	9515
1800-1900	English_1	7275

1800-1900	Russian	7235R
1900-2000	French	3955Sk
1900-2000	Arabic	7180R
2000-2100	German	3955Sk
2200-2230	English_2	3955Sk
2200-2300	Indones.	9805
2200-2300	Chinese	7275
2300-2400	Chinese	9805
2400-0100	Japanese	11810

(Romero, Spain/DX Listening Digest/Hauser-OK)

LIBERIA 4760 presumed **ELWA Radio**, reactivated, 2125-2301* on Nov 14, English. Bits of religious talk b/w music; barely audible announcer at 2300 followed by Liberian NA. (Scott R. Barbour-NH)

ELWA is testing their new 5 kilowatt shortwave transmitter which arrived in country about two months ago. They are running it at 3 kilowatts into a new antenna from the hours of 1730-2300 UTC (5:30 to 11pm local.)

There will eventually be morning transmissions on 6070, but those have not started yet.

Their former transmitter had broken down about a year ago, but is repairable. (Johnson Cumbre DX Nov 20)

LIBYA *Voice of Africa's* short news summaries in Swahili, Hausa, English and French which used to follow immediately after the news in Arabic at various times, appear to have been discontinued. These were carried within the Arabic service on MW 1251 and 711 kHz as well as intermittently on various SW frequencies. News in Arabic is still aired at 15 minutes past the hour, but for the past 3 or 4 months I have not heard anything other than Arabic. (Dave Kenny-UK, Nov BrDXC-UK Communication magazine direct and via dxld)

MEXICO 9599.3 **XEYU, Radio UNAM**, Ticoman, reactivated after a few weeks, but still irregular and with better signal than ever, 2227-2312, 0314-0642 and 1341-1345, Oct 31, Nov 01, 05, 08, 09 and 11, mostly classical music, but also Spanish cultural discussion, TA and ID: "...son las 4 de la tarde y 30 minutos XEUN 860 Khz de amplitud modulada y XEYU 9600 Khz onda corta banda internacional de 31 metros agradecemos el favor de su preferencia...", mentioned e-mail: contacto@radiounam.unam.mx, 1332 relay of Radio France Internacional during news hour. Silent on Nov 03. (Hauser-OK and Rodriguez-COL/DSWCI DX-Window/Petersen-DK)

MICRONESIA 4755.25 **Pacific Missionary Aviation (PMA)**, Pohnpei, 1138-1400, Oct 18 and 19, sermon to about 1150, then mostly music afterward with occasional "88.5 Cross Radio" ID's and occasional periods of dead air—i.e. pretty much the same format as they were running last week. Not heard on Oct 20 and 21. (Wilkins in DXplorer and Hauser-OK/DSWCI DX-Window/Petersen-DK)

Current schedule of **PMA The Cross** at http://www.pmapacific.org/ministries/radio/the_cross_schedule_11x17.pdf is at 1600-1000 on 4755 and 88.5 FM. (Kuhl in DXplorer). Obviously they do not go off the air between midnight and 6am local as in their PDF program schedule for FM and SW (Hauser-OK/DSWCI DX-Window/Petersen-DK)

MOROCCO The IBB transmitting station Brieich in Morocco will cease operations in March 2008, and the facility will be returned to the Government of Morocco by the end of next year. The rising cost of operating the Morocco station prompted this decision. The closing will not reduce the number of hours of radio programming currently broadcast by shortwave: All programs currently broadcast from the Morocco station will continue to be broadcast, either from other IBB facilities or through lease arrangements. Employees affected by the move will receive appropriate severance compensation within the scope of U.S. Embassy agreements. The outstanding work of these Moroccan station employees on behalf of U.S. international broadcasting is greatly appreciated. (Ferguson-SC in DXplorer, Nov 02/DSWCI DX-Window/Petersen-DK)

PAKISTAN Winter B-07 schedule for **Radio Pakistan**:

0045-0115	Assami	7445
0045-0215	Urdu	11580 15480
0115-0200	Bangla	7445
0215-0300	Hindi	7445
0315-0345	Tamil	15620
0400-0430	Gujarati	9350
0500-0545	Pashto	6235
0500-0700	Urdu	11570 15100
0730-0830	English	15100 17835
0830-1100	Urdu	15100 17835
0945-1015	Tamil	15620
1015-1045	Sinhala	15620
1100-1105	English	15100 17835
1100-1145	Hindi	7445
1200-1230	Chinese	9380 11570
1200-1245	Bangla	7445
1245-1315	Nepali	7445
1330-1400	Turki	5050
1330-1530	Urdu	7520 11570
1415-1445	Russian	9395
1515-1545	Dari	5050
1600-1615	English	6240 7520 11570
1630-1700	Turkish	6240
1700-1900	Urdu	7530 9380
1715-1800	Persian	5050
1815-1900	Arabic	6280
1915-0045	Urdu	4835

(DX Mix, BULGARIA)

PORTUGAL B-07 of *RDP Internacional/Radio Portugal*:

0000-0300	9455 9855 11655 Tu-Sa
0600-0655	7130 Mo-Fr
0700-0745	9815 Mo-Fr
0745-0900	9815 11660 Mo-Fr
0800-0930	12020 15555 17590 Sa/Su
0900-1100	9815 Mo-Fr
0930-1055	9815 12020 15555 17590 Sa/Su
1055-1100	9815 12020 17590 Sa/Su
1100-1155	12020 17590 21655 Sa/Su
1100-1300	9815 17745 21655 Mo-Fr
1155-1200	17590 21655 Sa/Su
1200-1300	11885 17590 21655 Sa/Su
1300-1400	15560* Mo-Fr
1300-1455	11885 15560* 17590 21655 Sa/Su
1400-1600	15560* 15690 Mo-Fr
1455-1500	15560* 21655
1500-1655	11635 11985 15560* 21655 Sa/Su
1600-1655	15560* Mo-Fr
1655-1700	11985 Sa/Su
1700-1855	9455 13720 15465 17825* Mo-Fr
1700-1855	9455 11985 15465 17825 Sa/Su
1855-1900	9455 13720 15465 Mo-Fr
1855-1900	9455 11985 15465 Sa/Su
1900-2000	9455 11620 13720 15465 Mo-Fr
1900-2100	9455 11620 11985 15465 Sa/Su
2000-2100	9795 11620* 11825 11960 Mo-Fr
2100-2255	9795* 11825* 11960* Mo-Fr
2100-2255	9795* 11620* 11960 Sa/Su
2255-2300	11825* 11960* Mo-Fr
2255-2300	11620* 11960 Sa/Su
2300-2400	7145* 11620* 11960 Sa/Su
2300-2400	7145 11825* 11960* Mo-Fr

* special transmission (sport)

(DX Mix, BULGARIA)

ROMANIA Frequency change of *Radio Romania International* in Romanian:

0100-0257 NF 5910 TIG, ex 6040

(DX Mix, BULGARIA)

RUSSIA Unregistered frequency of *VOR* in Vietnamese and 2 hours in Russian WS:

1200-1500 15150 MSK, instead of registered 15460

(DX Mix, BULGARIA)

SEYCHELLES(non) Frequency changes for *FEBA Radio*:

0200-0300 Urdu NF 9885 NVS, ex 9875

1200-1230 Tibetan NF 15180 DHA, ex 15205

(DX Mix, BULGARIA)

SUDAN 9825 *Miraya FM* via? Starting Oct 25, *Miraya Radio*, Juba, Sudan, is broadcasting on SW 9825 at 1500-1800UTC acc. to station's web site. Mo-Fr news every 30th minutes in simple Arabic, Arabic and English. Features and information for

and about the Sudanese people will be aired in between bulletins. Sa and Su the SW transmission joins *Miraya FM* for news bulletins on the hour and the weekend edition of Sudan Tonite. *Miraya Radio* is a part of the Hironelle foundation in Switzerland and the UNMIS (UN Mission in Sudan). *Miraya FM* funding comes from Canada, Switzerland, Sweden and Norway. (Lovstrom). This is brokered by IRRS/NEXUS in Italy. Heard relayed from unknown, powerful transmitter, *1258-1600*, Oct 25, 26, 27, 28 and 30, news, political comments and interviews, several ID's, many African pop songs in Sudanese Arabic and English, "... comes to you from 101 *Miraya FM*," ann "9825 at 6 to 9 evenings Sudanese time," but that is 1500-1800 UTC! However, this period may well be true on their FM-transmitter. (Berg, Bueschel, Fransson, Green, Herkimer, Ivanov, Petersen and Ritola/ DSWCI DX-Window/Petersen-DK)

I exchanged several emails with Nanci Hersh, Broadcast Technology Officer/Radio Operations, UNMIS/PIO/Radio at e-mail: (hersh@un.org), who thanked me for my report ("Always nice to hear from our listeners.") She could not play the mp3 audio clip I sent so I tried several other formats all to no avail. (Herkimer). See WRTH 2007 p. 362: they are building an FM network around in Sudan. Their main operations are in Juba. Other addresses are: Leon Willems, OIC PIO/Chief of Radio, UNMIS, willems@un.org; UNMIS, Plot 16-17 Block 25, New Bridges Street, Manshiya Khartoum, Sudan. There is a different address on the UNMIS website <http://www.unmis.org/english/en-main.htm>. (Berg, Hausler and Ritola/DSWCI DX-Window/Petersen-DK)

It is not via Bulgaria! (Ivanov-BUL, Oct 26).

It is not from a site in the UK either. (Green-UK).

You can also hear them live in good quality at <http://www.mirayafm.org/> which also mentions their postal address: P.O. Box 69, Khartoum, Sudan. (Krone-DK, Oct 28/DSWCI DX-Window/Petersen-DK)

Miraya FM has about 7 transmitting sites across southern Sudan. There is a main studio in Juba and a main studio in Khartoum. The government of the north refused to honor their initial agreement to let us transmit in the north (hence one of the prime reasons for shortwave), but the government of the south was all for our station. When I designed the system, I linked the two studios in full duplex over Atlantic Bird 3 from Eutelsat with a 128kbps stream using Comstream encoding. The studio in the north can hear the broadcasts all day long and the southern studio in Juba takes news and interviews and special features from the north and transmits them. They often have national debates and requests of northern music. People can call into a telephone exchange of the UN and make music requests. Pretty cool setup if I do say so myself. Maybe someday

Khartoum will stop being so anal retentive and allow us on the air. The shortwave also serves Darfur. It was one long uphill battle to get on the air in Sudan. It really took a lot out of me. Peacekeeping is tough. Now Haiti is pulling the same stunt as Khartoum and refusing to give us a frequency, so we are trying to partner with a local station who has a license to get on the air. (Muick in DX Listening Digest/Hauser-OK)

SWEDEN Frequency change for *Radio Sweden* in Swedish and English:

1400-1500 NF 9400, ex 11550

(DX Mix, BULGARIA)

UNITED KINGDOM BBCWS English B-07:

West and Central Africa

0300-0400 6005 7160
 0400-0500 6005 7120 7160
 0500-0600 6005 7160 11765
 0600-0700 6005 7160 9825 11765
 0700-0800 11765 13820 15400
 0800-1000 15400 17830
 1000-1100 15400 17830(Sa/Su)
 1100-1130 15400 17830
 1130-1500 17830
 1500-1600 15400 17830
 1600-1800 11665 15400 17830
 1800-2100 9410 15400 17830
 2100-2300 9410 15400

Southern Europe and North Africa (Europe programs)

0500-0800 6195
 0600-0800 9410
 0700-1000 12095
 1400-1700 9410 Sa
 1600-1800 11665
 1800-2000 5875 6195
 2000-2200 6195

East Africa

0200-0300 6030
 0300-0330 6145 7130 9750
 0330-0400 6145 7130 9750 11665
 0400-0500 11665 12095
 0500-0600 11665 15420 17640
 0600-0700 15420 17640
 0700-0800 15420
 0800-1300 17640 21470
 1300-1400 15420 17640 21470
 1400-1500 17640 21470 21660
 1500-1530 11860 15105 15420 17640 21470 21660
 1530-1615 15105 21470 21660
 1615-1700 11860 15105 15420 17640(Sa-Su) 21470 21660
 1700-1745 6005 9630 11755 12095
 1745-1830 11755 12095
 1830-1900 6005 9630 11755 12095
 1900-2100 6005 9630

Southern Africa

0300-2200 6190
 0300-0400 3255 6145 6190
 0400-0600 3255 6190
 0600-0800 6190 11940
 0800-1600 6190 11940 21470
 1600-1700 3255 21470
 1700-2100 3255 12095
 2100-2200 3255 6005

West Africa program

0300-0400 6005
 0400-0500 7120
 0500-0700 11765

Western Russia

0500-0700 5875 12095
 1800-2000 5875 6195

East Asia

0000-0030 15335 15360 17615
 0030-0200 15335 15360
 0200-0300 15335 15360 17760
 0300-0800 15335 17760 21660
 0800-0900 9740 15285 17760 21660
 0900-1030 9740 11895 15285 17760 21660
 1030-1200 9740 11895
 1200-1300 5975 9740 11895
 1300-1500 5975 6195 9740 11895
 1500-1600 6040 6195 9740
 1600-1700 6195
 2100-2200 5965 6125
 2200-2300 5955 5965 6195
 2300-2330 5965 5985
 2330-2400 5965 5985 6170

South East Asia

0000-0030 3915 6195 7340 9740 15360
 0030-0100 6195 9740 15360
 0100-0200 6195 11750 15360
 0200-0300 11750 15360
 0300-0500 15360
 0500-0800 11695 11955 15360
 0800-1600 6195 9740
 1600-1700 3915 6195
 1700-1800 3915
 2100-2200 3915 5965 6195
 2200-2300 5935 5965 6195 7105 9740
 2300-2400 3915 5965 6195 9740 11955

South Asia

0000-0100 5970 7105 9410 11955
 0100-0200 5970 9410 11955 15310
 0200-0300 9410 15310
 0300-1400 15310 17790
 1400-1500 9410 11920
 1500-1600 5975 9410 11920
 1600-1700 5975 9740 11920
 1700-1800 5975 9740 11955
 1800-1830 9740 11955

East Asia programs

0100-0300 11750
 1300-1700 6195

Middle East and Gulf States

0200-0300 6195 7320
 0300-0400 6195 9410
 0400-0600 9410
 0600-0700 11760
 0700-0730 11760 15575
 0730-0900 11760 15575 Sa/Su
 0900-1400 11760 15575
 1400-1500 11760
 1500-1700 12095
 1800-2000 9480

Afghanistan, Iran and Central Asia

0100-0300 7320
 0300-0400 9410 11760
 0400-0600 9410 15360
 0600-0700 11760
 0700-0730 15575
 0730-0900 15575 Sa/Su
 0900-1400 15575
 1400-1500 11760
 1500-1700 12095
 1800-2000 5955 9480

South Asia programs

1400-1700 11920
 1700-1830 11955

Caribbean and Central America

1100-1200 5875 9750
 1200-1300 9660 9750
 2100-2200 9525 11675
 2200-2300 5975 9525

(O'Shea, Ottawa, Ont./DX Listening Digest/Hauser-OK)

BBC London has introduced additional service in Urdu to Pakistan:

0200-0230 9510 11740 15560
 0730-0800 15325 15420 17560
 1200-1230 7205 9660 11650 15420

(Alok Dasgupta-IND, WWDXC BC-DX Nov 14/Bueschel-DE)

UNITED STATES VOA extended VOA Urdu service on SW, in addition to the normal broadcast, are as follows:

0630-0700 17655 17685
 1500-1600 7345 9705
 1600-1700 7345 7405
 1800-1900 7355 7405

(Alok Dasgupta-IND, WWDXC BC-DX Nov 14/Bueschel-DE)

Additional transmissions for **Voice of America** in Spanish Mo-Fr:

1400-1415 11840 GB and 17565 GB
 2300-2315 5890 GB and 9885 GB

(DX Mix, BULGARIA)

Radio Free Europe/Radio Liberty:

0000-0100	Kazakh	5945 7145
0030-0230	Farsi/RFarda	5860 6115 9795
0100-0300	Tajik	7275 11795
0200-0300	Turkmen	7295 15460
0200-0400	Uzbek	12015 12110 15590
0200-0400	Kazakh	7145 9680
0230-0300	Farsi/RFarda	6115 7105 15690
0230-0430	Pashto/Dari	9335 12140 17685
0300-0400	Farsi/RFarda	7105 9585 15690
0300-0400	Tajik	9760 11795
0300-0400	Turkmen	5955 15460
0400-0500	Tatar-Bashkir	7115 9430
0400-0500	Russian	7220 7305 9535 17770
0400-0500	Various	5920 15460 Avar/ Chechen/Circassian
0400-0600	Belarusian	6140 7190
0400-0600	Farsi/RFarda	9585 12015 15690
0430-1030	Pashto/Dari	12140 17530 19010
0500-0530	Romanian	6125 Mo-Fr
0500-0600	Russian	7175 7305 9535 17770
0600-0700	Russian	9520 9535 15250 17770
0600-0700	Tatar-Bashkir	9680
0600-0830	Farsi/RFarda	9585 15690 17675
0700-0800	Russian	9520 12015 15250 15285
0800-0900	Russian	9520 15130 15250
0830-1230	Farsi/RFarda	5860 15690 21715
0900-1100	Russian	9355 9520 15130
1030-1130	Pashto/Dari	9990 12140 19010
1100-1200	Russian	9805 11805 13745 15130
1130-1330	Pashto/Dari	9335 9990 12140
1200-1300	Russian	9715 11805 13745 15130
1200-1300	Kazakh	11520 15120
1230-1400	Farsi/RFarda	5860 13680 15690
1300-1400	Russian	9595 9715 13660 15130
1330-1430	Pashto/Dari	9335 12140
1400-1500	Uzbek	11715 12015 15120
1400-1500	Kazakh	6055 11805
1400-1500	Turkmen	9445 9595
1400-1500	Tajik	7595 9695
1400-1600	Farsi/RFarda	11750 13680 15410
1500-1600	Turkmen	9770 9825
1500-1600	Russian	7220 7270 11805 15130
1500-1600	Kazakh	6055 9685
1500-1700	Tajik	7260 9695
1600-1630	Romanian	9615

1600-1700	Tatar-Bashkir	5895 7380	0440	Lithuanian	6185 7335
1600-1700	Turkmen	5820 9725	0500	English	7360 9660 11625
1600-1700	Uzbek	5840 7550 12020	0500	Arabic	9645 11715
1600-1700	Farsi/RFarda	7580 9320 15410	0500	Polish	4005 5965
1600-1700	Various	9770 11730 Avar/ Chechen/Circassian	0500	Latvian	6185 7335
1600-1800	Belarusian	9865 11925	0520	German	4005 5965
1600-1800	Russian	7220 7305 9520 11805	0520	Rumanian	6185 7335
1700-1730	Romanian	7240 Mo-Fr	0530	Portuguese	7360 9660 11625
1700-1800	Turkmen	5820 9625	0540	French	4005 5965 7250
1700-1800	Farsi/RFarda	7520 7580 11840	0540	Bulgarian	6185 7335
1800-1900	Farsi/RFarda	7520 7580 9595	0600	Scandinavian	6185 7335
1800-2000	Belarusian	9725 9865	0600	English	4005 5965 7250
1900-1930	Romanian	3965 Mo-Fr	0600	French	7360 9660 11625
1900-2000	Farsi/RFarda	7580 9335 9570	0630	Mass-Latin	4005 5965 7250 9645 11740 15595
2000-2100	Russian	7220 9520	0630	English	7360 9660 11625
2000-2100	Tatar-Bashkir	5860	0700	It/Fr/En	4005 5965 7250 9645 11740 15595
2000-2130	Farsi/RFarda	7580 9335 9840	0710	Rumanian-mass	7250 9645
2000-2200	Belarusian	7165 9725	0715	Ukrain.-mass	9850 11740
2100-2200	Russian	6105 7220 7425	0745	Arabic	5965 7250 9645 15595
(via Bernie O'Shea, Ont., Oct 29/DX Listening Digest/Hauser-OK)			0830	Mass-Italian	7250
Frequency changes for WYFR Family Radio :			0915	Papal-aud.	5965
0305-0400	Spanish	NF 6875, ex 6855	0930	Ge'ez-mass	15595 17765
0400-0600	English	NF 6875, ex 6855	0930	Oriental-mass	11740 15595 17765
0600-0700	Spanish	NF 6875, ex 6855	1000	Portuguese	21680
0700-1100	English	NF 6875, ex 6855	1100	Italian	5965
1100-1200	Spanish	NF 6875, ex 6855	1100	Angelus	5965 7250 9645 11740 15595 17765 21680
1200-1245	French	NF 6875, ex 6855	1115	Italian	5965
2000-2200	English	NF 6875, ex 6855	1130	Spanish	21680
2200-2245	Portuguese	NF 6875, ex 6855	1130	Mass-English	15595 17765
(DX Mix, BULGARIA)			1200	French	5965
VATICAN CITY Vatican Radio, B-07:			1200	Italian	11630*
0000	Chinese	13785	1200	French	11630*
0025	Urdu	5915 7335	1210	Italian	11630*
0030	Portuguese	7305 9610	1230	Mass-Chinese	5985 6020 15235
0040	Hi/Ta/Mal/En	5915 7335	1230	Music	11630*
0100	Spanish	7305 9610 11910	1230	Chinese	5985 6020 15235
0145	Spanish	7305 9610 11910	1235	Music	11630*
0200	Hi/Ta/Mal/En	12070	1300	Italian	7250 9645 11740 15595 21680
0230	French	6040 7305 7360	1315	Vietnamese	6140 15235
0250	English	6040 7305	1330	Russian	5900 7150
0300	English	7360 9660	1400	Spanish	7250 9645
0310	Armenian	6185 9645	1415	Portuguese	7250 9645
0320	Spanish	6040 7305	1415	Urdu	11850 13765
0330	Kiswahili	7360 9660	1430	Hi/Ta/Mal/En	9310 11850 13765
0330	Slovenian	4005	1500	Ge/Polish	5885 6060* 7250 9645
0330	Russian	6185 7335 9645	1530	Music	5885 7250 9645
0345	Somali	7360 9660	1530	Mass-English	9310 11850 13765
0350	Croatian	4005	1530	Italian	5885 7250 9645
0400	Ukrainian	6185 7335	1600	Vesper	5885 7250 9645
0400	Amh/Tigrigna	7360 9660	1600	Kiswahili	11625 13765
0410	Czech	4005 5965	1615	Somali	11625 13765
0420	Byelorussian	6185 7335	1630	Arabic	7290 9635
0425	Slovak	4005 5965	1630	Italian	5885 7250 9645
0430	French	7360 9660	1630	Amh/Tigrigna	11625 13765
0440	Hungarian	4005 5965	1650	Armenian	7365 9585

1700	French	11625 13765	0000-0700	Portug.	11745 SGO
1700	Fr/English	4005 5885 7250 7290 9645	0100-0300 0100-0400	English	9480 TAC
1710	Russian	6185 7365 9585		Spanish	6070 SGO 11805 SGO 11970 SGO
1730	English	9755 11625 13765	0400-0600	Chinese	15250 DRW
1730	Slovenian	4005 5885 7250	0400-0700	English	15515 ERV >>>> tent.
1740	Ukrainian	6185 7365	0400-0800	Spanish	6070 SGO 11805 SGO
1750	Croatian	4005 5885 7250	0400-1000	Indones.	17820 DRW
1800	Byelorussian	6185 7365	0400-1100	Hindi	13630 TAC
1800	Portug.	9755 11625 13765	0500-0600	English	6065 LUS
1810	Hungarian	4005 5885 7250	0600-0900	Russian	11825 JUL >>>> tent.
1820	Lithuanian	6185 7365	0600-1000	English	15360 DRW
1830	Czech	4005 5885 7250	0600-1200	Chinese	17635 DRW
1840	Latvian	6185 7365	0600-1400	English	6065 LUS 13590 LUS
1845	Slovak	4005 5885 7250	0700-1000	Portug.	6050 SGO
1900	Rumanian	6185 7365	0800-1100	Spanish	6070 SGO 6185 SGO
1900	Polish	4005 5885 7250	0900-1200	English	7120 JUL DRM > tent.
1900	Spanish	9755 11625	0900-1700	Russian	15450 JUL >>>> tent.
1920	Bulgarian	6185 7365	1000-1100	English	11815 MOS DRM
1920	German	4005 5885 7250	1000-1100	English	15270 DRW
1940	Scandinavian	6185 7355	1000-1300	Indones.	15365 DRW
1940	Rosary	4005 5885 7365 7250 9755 11625	1000-2400 1100-1200	Portug.	15410 SGO
2000	Albanian	6185 7355	1100-1400	Spanish	6070 SGO 17680 SGO
2000	English	7365 9755 11625	1100-1800	Hindi	9500 TAC
2000	Italian	4005 5885 7250	1200-1800	English	13635 DRW
2020	Esperanto	4005 5885 6185 7250 7355	1200-2400 1300-1600	Chinese	13685 DRW
2030	French	4005 5885 7250 7365 9755 11625	1300-1700 1400-1500	Spanish	9635 SGO 17680 SGO
2045	English	9800*	1400-2000	English	15735 ERV >>>> tent.
2050	English	4005 5885 7250	1500-1700	Indones.	15185 DRW
2100	Russian	5910 7135	1700-2100	English	6065 LUS 13650 LUS
2120	Spanish	4005 5885 7250	1800-2000	Hindi	6260 TAC
2140	Arabic	4005 5885 7250	2100-2400	English	4965 LUS 13650 LUS
2200	Chinese	6145 7300 9600	2200-0200	Portug.	17860 SGO DRM
2200	Italian	4005 5885	2300-0200	English	4965 LUS
2300	English	7370*		Chinese	15170 DRW
2315	Vietnamese	7300 9600		Indones.	15250 DRW

* DRM

(via Bernie O'Shea, Ont./DX Listening Digest/Haus-
er-OK + DX Mix, BULGARIA)

ALL OVER THE PLACE *Christian* *Voice/Voz*
Christiana B07:

0000-0100 Spanish 17680 SGO
0000-0400 Hindi 6260 TAC
0000-0500 English 4965 LUS

(DX Mix-BUL)



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

Pirate Radio Report

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

Hello and welcome to the December 2007 edition of *The Pirate Radio Report!* I'd like you wish all of you a Merry Christmas and Happy New Year! Don't forget my new email address is: crlobdell@verizon.net

Many thanks for all those Halloween logs. There was quite a lot of activity this year!

Europirate Season Is Here

Don't forget, those of you in eastern North America can try logging those low powered Europirates, late Saturday afternoons from 2000 UTC and on Sunday AM between 0500-0800 UTC. Most stations operate between 6200-6400 kHz. Good luck!

Many thanks to the following fine folks you made this month's column possible: Mark Schiefelbein-MO, Mark Taylor-WI, Ken Wilson-KY, Joe Wood-TN, George Zeller-OH.

Ann Hoffer Live, noted on 6925 kHz AM at 2208 on October 31st. Ann was playing her guitar singing "Spirit In The Sky" and "Monster Mash". Chat and laughter between songs. [Schiefelbein-MO]

Captain Morgan, heard on 6925.2 USB on October 28th at 2245 with creepy Halloween sounds, Twilight Zone theme, hooting owls, etc. [Schiefelbein-MO]

Channel Z Radio, the station that claims to operate with a low powered home built Corsair transmitter was logged on November 12th from 2233-2238 UTC on 6925 kHz AM. ID, music by Jethro Tull. [Wilson-KY] also 6925 kHz AM on November 17th at 1304 UTC, announcing it as their 3rd anniversary show with music by Nazareth, Sweet and Slade. A good sounding AM signal. [Wilson-KY]

Kracker Radio, The Vice Presidential candidate on The Commander Bunny ticket was logged on 6935 kHz at 0023 UTC on November 1st. Kracker was talking about

going mobile and operating out on the road, a couple of SSTV images sent, gone by 0035 UTC. [Schiefelbein-MO]

Laser Hot Hits via Undercover Radio relay was logged on 3420 kHz at 0237 UTC on November 23rd. Undercover Radio ID by Dr. Benway, then into LHH with the usual dance music. [Wood-TN]

Long Range Radio, noted on 6925 kHz USB from 2112 sign on to 2152 sign off. Program of comedy bits by standup comics. The first one was somebody claiming that people from Philly should come to New York City just to ride the subway and see the entertainment. There was crowd laughter during that sketch. A second bit was perhaps by Bill Cosby, but I'm not 100% sure of that. That bit started with a dialog between God and Noah, when Noah was instructed to build his Ark. But, the request was preposterous, and so Noah made jokes about it. A bit about a football coin toss, which was also preposterous, followed. At the end, the station transmitted a digital noise, possibly a SSTV image. After the digital noise, the OM announcer came back on and gave an ID just before QRT. No address announced. [Zeller-OH]

Radio Free Speech, The station Bill O. Rights built, was logged at 2238 UTC on 6925 USB on October 29th with a Halloween special show. WTPR clip and a Twilight Zone parody were heard. [Wilson-KY & Schiefelbein-MO]

Radio Jambu International, was logged on 6925 kHz USB from 1706 to 1727 UTC on November 4th. Twilight Zone noises and a discussion of Wikipedia at open, into a program of odd random discussions by OMs and some odd noises mixed in. Discussion of pirates. A repeat of the discussion of the arrested Australian masturbator. WBZ mentioned, and some discussion of the Winter SWL Fest. [Zeller-OH]

Radio Nonsense was logged with their Halloween special broadcast on October 30th at 2127 UTC on a frequency of 6925 kHz USB. Parodies of Dragnet and The People's Court. IDs by Joe Mama and Box 1, Belfast, NY 17411 was announced as a maildrop. [Schiefelbein-MO] Also noted on November 1st at 0006 UTC with similar program by [Taylor-WI and Wilson-KY]

Sycko Radio, was logged as follows: on 6925 kHz USB at 1314 UTC on November 18th ID, frequency shift, music by Pink Floyd. [Wilson-KY] at 0320 UTC with a weak signal in the noise with music & talk on 6925 kHz USB on October 30th. [Schiefelbein-MO]

TCS—The Crystal Ship, This station run by The Poet has to be one of the most active in November. Here are a few logs: 6700 kHz AM from 0052–0105 on November 21st with of program of oldies. [Wood-TN] 6899 kHz AM from 2130–2300 on October 31st with classic rock [Schiefelbein-MO] 7575 kHz AM from 1540–1600 on November 22nd with rock mx. [Lobdell-MA] 3420.5 kHz AM from 0200–0232 on November 12th with classic rock oldies. [Wilson-KY] Those are just a few.

Voh—The Voice Of Hell, was heard at 2204 UTC on October 30th on 6925 kHz USB. ID as the "The Official Broadcasting Service of Hell" with Stairway To Heaven as their National Anthem! Rock music with a shout out to Dr. Gene Scott. [Schiefelbein-MO]

WAHR—Automated Halloween Radio, a new one to me was noted on October 29th at 2138 past 2145 on 6925 kHz USB mode. ID by choppy computerized female voice. [Wilson-KY]

WBST aka "The Beast", was heard by a number of folks as follows: 6925 USB at 2041 on October 31st ID, laughing man, poor audio. [Wilson-KY] 2330–0004 on October 31st. Laughing, wolf howls, people screaming. Very poor signal. [Taylor-WI] 2331 UTC on October 31st, lots of maniacal laughter.

[Wood-TN] 2335 on October 31st with super slowed down music, ID as "WBST, The Beast" audio clip "ah here we are at the door, Happy Haunting"! More slow music and laughter. [Schiefelbein-MO]

WBNY 6925 USB, noted as follows: on November 17th at 1541 UTC. Brief program w/IDs and jingles and discussion of the Commander Bunny-Kracker ticket for President of the USA. Gave no address on this transmission, but uses Belfast. [Zeller-OH] on 6925 kHz USB with the Thanksgiving Special at 2021 UTC on November 23rd. Lots of Allan Weiner audio clips saying that both he and Glenn Hauser have no life, promo for the Commander Bunny-Kracker bumper stickers. [Lobdell-MA]

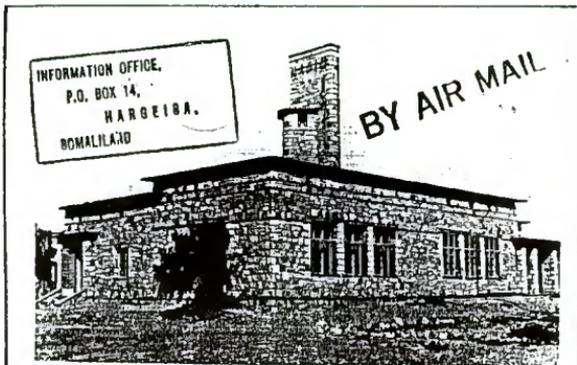
WFUQ 6925 kHz USB/LSB was noted as follows: at 0016 on November 1st with IDs and Techno music. [Wood-TN] 0120 on November 1st Just caught the tail end of the show with wolf howls, electric guitar. [Schiefelbein-MO]

WHYP—The James Brownyard Memorial Station, was heard on 6925 AM from 2127 to 2203 sign off on November 3rd. ID is presumed from the James Brownyard noises heard occasionally during the show. No actual ID copied. Program of rock mx with artists such as the Hooters and Devo. [Zeller-OH]

Wolverine Radio, noted on 6925 kHz USB by a number of folks as follows. 1940-1955+ on October 28th with a skit about a DXpedition, sounding like it was from a Voice Of Pancho Villa broadcast at the Winterfest, ID. [Lobdell-MA] 2242 UTC on October 31st with a Halloween Rap by Elvira, song about Halloween spooks, Ghostbusters theme and others. [Schiefelbein-MO] 2245 on October 31st Monster Halloween music, ID, Ghostbusters. [Wilson-KY] 2301 on October 31st with Halloween novelty songs, movie clips, etc. [Taylor-WI] 2302–2307 on October 31st with IDs, Ghostbusters. [Wood-TN]. 

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



ASCENSION ISLAND: Star Radio f/d "Foundation Hirondelle" cd. in 118 ds. from v/s Sharon Bylenza signing on behalf of Darcy Christen, Star Radio Program Officer. (D'Angelo-PA).

ASIATIC RUSSIA: Voice of Russia 7310 via Novosibirsk cd. in 5 mos. (Barto-CT).

AUSTRALIA: Radio Australia 5995 via Brandon cd. in 2 mos. (Barto-CT). 6020 via Shepparton cd. in 2 mos. (Barto-CT).

BANGLADESH: Bangladesh Betar 4750 f/d cd. w/ personal ltr. from Mahesh Chandra Roy, Senior Engineer at the Research and Receiving Center in 23 ds. (D'Angelo-PA).

CLANDESTINE (North Korea): Open Radio for North Korea 9930 via KWHR in * Hawaii date and frequency ltr. from Young Howard in 50 ds. AA.

STATION NOTES: Onairam Radio 6310 Addr: SRS Germany, Postfach 101145, DE-99801 Eisenach, Germany **Radio Bonofox** 6295 Email: radiobonofox@hotmail.com v/s Benno. **Radio Boomerang** 3925 Email: box73@gmx.net v/s



FEDERAL RADIO CORPORATION OF NIGERIA, KADUNA
7 HOSPITAL ROAD,
P. O. BOX 250, KADUNA - NIGERIA.

Tel: 212794-212796, 242770

Telex: 71164 & 71114

Telegrams: BROADCASTS KADUNA

Reference:

Samuel A. Barto
460 Emmett St. P.O.
Boston, Mass.
M. S. A. 06010

Date:

Dear Sir,

RECEPTION REPORT

Thank you very much for your report dated *30/1/80*.....
between the hours *0929-0959*.....GMT on *4.770*.....KHZ
Your report is hereby CONFIRMED/~~DOES NOT CORRESPOND WITH OUR~~
LOG-BOOK.

We radiate on: -

4770 KHz - 50 KW
6090 KHz - 50/250 KW
9570 KHz - 50 KW

We very much appreciate your efforts.

Thank you.

Yours faithfully,

(Signature)
(Ismaila Mohammed)
for: Chief Engineer

Erie. **Radio Face de Blatte** 6265 Addr: SRS Germany (as above). v/s Crazy Bhatti **Radio Lowland**

6301.1 Email: rad iolowland@hotmail.com v/s Jos Tabak.

Radio Magic AM 6300 Addr: Post-bus 56719, NL-1040 AS Amsterdam, Netherlands...via PLAY DX.....Sam.

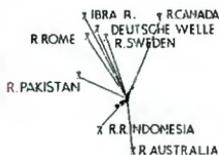
Rox 158, Mapo, Seoul 121-600, Republic of Korea. (D'Angelo-PA).

CUBA: Radio Habana

Cuba 9820 and 6060 cd. w/ schedule in 5 mos. (Barto-CT).

CZECH REPUBLIC: Radio Prague 5930 via Litomysl cd. in 3½ mos. (Barto-CT).

5TH ANNIVERSARY



✓ S W C

Special Programmes

DOMINICAN REPUBLIC: Radio Amanecer Internacional

6025 the station verified my email rpt. w/ an email reply in 3 hrs. indicating that there will be a delay in getting a postal response. Email: cabina@radioamanecer.org (D'Angelo-PA).



PUERTO MALDONADO - PERU

EGYPT: Radio Cairo 9988 via Abis p/d cd. w/ schedule in 4 mos. (Barto-CT).

ETHIOPIA: Radio Ethiopia 9704.2 via Gedja cd. in 6 mos. (Barto-CT).

EUROPEAN RUSSIA: Voice of Russia 12030 via Moscow cd. in 2 mos. (Barto-CT). 6195 via Saint Petersburg cd. in 3 mos. (Barto-CT).

GERMANY: Deutsche Welle 13780 via Wertachtal f/d "Berlin" cd. in 4 mos. (Barto-CT). **IBRA Radio** 15450 via Julich ltr. in 3 mos. (Barto-CT).

IRAN: Voice of the Islamic Republic of Iran 6100 via Sirjan "Bridge" cd. in 3 mos. w/ lots of goodies. (Barto-CT). 9740 via Teheran cd. in 4 mos. w/ schedule and books. (Barto-CT).

KOREA, PEOPLES DEMOCRATIC REPUBLIC: Voice of Korea 15180 cd. w/ schedule and standard station pennant in 4 mos. (Barto-CT).

KUWAIT: Radio Free Asia 7500 the station verified my email rpt. w/ a f/d fourth in a series of cds. that commemorate the youth of the world in

STATION NOTES: Radio Mazda 6290 Email: radiomazda@hotmail.com **Radio Mistletoe** 6260 Email: radiomistletoe@hotmail.com **Mystery Radio** 6220

Email: mysteryradio@googlemail.com **Radio Nordsee International** 6205 and 6210 Addr: P.O. Box 2209, DE-77612 Offenburg, Germany. **Radio Orion** 6280 Email: info@orionradio.nl Addr: P.O. Box 9, NL-8096 ZG Oldenbroek, Holland. **Radio Paardenkracht** 6325 Email: paardenkracht@draait.nl **Radio Quintus** 3928 Email: radioquintus@hotmail.com **Radio Ramona** 6524 Email: radioaramona@hotmail.com **Radio Saturnus** 6285 Email: radiosaturnus@hotmail.com....via PLAY DX.....Sam.



**РАДИО ГОЛОС РОССИИ
RADIO VOICE OF RUSSIA**

113326, Pyatritskaya str., 25, Moscow, Russia

Fax: 230-28-28

Уважаемый S.R. Barrbour Jr!

Мы получили Ваше письмо, и оно нас очень порадовало! Благодарим за внимание к нашим передачам.

По объективным, не зависящим от нас причинам, Ваш рапорт о приеме передач Службы «Русское международное радио» попал к нам только сейчас. И, с некоторым опозданием высылаем Вам QSL-карточку, подтверждающую прием радиосигнала.

Еще раз спасибо за письмо!

С уважением,

Елена Печерская,
референт Службы

«Русское международное радио»

17 мая 2005 года

3 ds. from v/s A. J. Janitschek. The card noted that the transmitter was IBB Kuwait. (D'Angelo). **Radio Ashna** 9335 cd. in 2 mos. w/ VOA calendar. (Barto).

LITHUANIA: The Mighty KBC 6255 f/d cd. in 5 wks. for an email rpt. v/s Tom de Wil. (Paszkiwicz-WI).

POLAND: Radio Polonia 5935 cd. in 4 mos. (Barto-CT).

PHILIPPINES: Voice of America 15185 via **Tinang** cd. in 2 mos. (Barto-CT).

PORTUGAL: Deutsche Welle 17710 via **Sines** f/d "Berlin" cd. in 3½ mos. (Barto-CT).

ROMANIA: Radio Romania International 9640 and 7120 f/d "Building" cd. in 3 mos. w/ sticker and schedule. (Barto-CT).

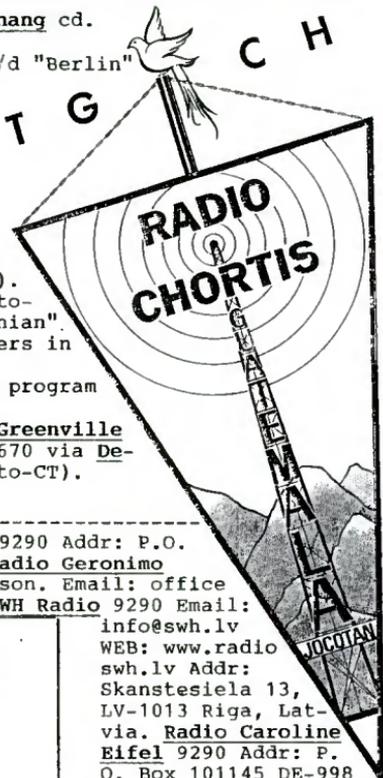
RWANDA: Deutsche Welle 9810 via **Kigali** cd. in 3 mos. (Barto-CT).

SAO TOME: Voice of America 13755 cd. w/ VOA program guide in 2 mos. (Barto).

SRI LANKA: Radio Farda 13870 via **Iranawila** cd. w/ VOA stickers in 2 mos. (Barto-CT). **Deutsche Welle** 15610 cd. in 3 mos. (Barto-CT). **Deewa Radio** 9980 via **Iranawila** "Tinian" cd. w/ VOA calendar, schedule and stickers in 3 mos. (Barto-CT).

THAILAND: Radio Aap Dunyaa 9835 cd. w/ VOA program guide in 2 mos. (Barto-CT).

USA: Radio Marti 11775, 6030 and 7365 via **Greenville** ltr. in 3 mos. (Barto-CT). 13820 and 17670 via **Delano** (p) postcard w/ltr. in 3 mos. (Barto-CT).



STATION NOTES: Free Radio Service Holland 9290 Addr: P.O. , BOX 2702, NL-6049 ZG Herten, Holland. **Radio Geronimo Shortwave** 9290 via Latvia v/s Chris Watson. Email: office @radiogeronimo.com **Radio Latvia Today SWH Radio** 9290 Email: info@swh.lv

WEB: www.radio swh.lv Addr: Skanstesiela 13, LV-1013 Riga, Latvia. **Radio Caroline Eifel** 9290 Addr: P. O. Box 101145 DE-998 01 Eisenach, Germany. **Radio City** 9290 Email: citymorecars@yahoo.ca Addr: same as Caroline Eifel...via PLAY DX.



HRPC RADIO LUZ Y VIDA SAN LUIS SANTABARBARA 1600 KHZ Y 3250 KHZ
HRYI RADIO ESTRELLA DE ORO LA VOZ DE SANTIDAD 1200 KHZ Y 97.3 FM

Aparlado 303 San Pedro Sula, Honduras, C. A.

DATE 19 MAR 64
TO SAMUEL L. BARTO
STREET 47 PROSPECT PLACE
TOWN BRIDAL, CONNECTICUT
STATE 06010

Thank you for your reception report of the transmission of HRPC Radio LUZ Y VIDA.

DATE 9/12/83
TIME 22:05
FREQ 3250
STRENGTH SS

We are a missionary Radio Station, transmitting with a power of 1000 watts on 3250 Khs. Our transmitter on 3250 is a Gates HQ-1 J.

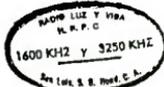
Our antenna is a quad full wave loop, with a gain of 2 db, transmitting north and south. We generate our own Electric Powers with a 12.5 KW Diesel Generator. The station is operated by Evangelistic Faith Missions, with Headquarters in Bedford, Ind. USA.

The director of the Station is Donald Moore. The programing is primarily in the spanish language, however on Saturday and Sunday nights during the hours 9-10 PM CST we have English programing. Our operating time is 4pm to 10pm CST, 7 days a week.

If you would like to talk with the director, he operates a Ham Radio and can be found on the Halo Missionary net which operates on 21.390MHz 1900z each day. His call is WA5YFK/HR5.

Sincerely in Christ our Savior,

(S) *Donald R. Moore*
Donald R. Moore
Director
John 3:16



This will end another QSL Column. I know you're out there so send in those reports to the column.

Till next time...

Ram

Scoreboard

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

This month we are highlighting our members' totals from North & Central America. Ranking is based upon North & Central American Countries Verified. This is your chance to show everyone how well you are doing. The next deadline is February 15th for the March 2008 issue of the Journal. The spotlight will be on Africa.

Name, State	Total		American		Best N. & C. American 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	244	244	25	25	CFRX (10 w.)
John Sgrulletta, NY	241	240	24	24	CKWX (10 w.)
Chris Lobdell, MA	224	221	24	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
Steven R. Lare, MI	236	221	22	21	CKFX (10 w.)
Sheryl Paszkiewicz, WI	224	219	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	210	201	20	19	WIBS - Grenada 1963
Stephen Leite, MA	209	191	19	19	CKFX (10 w.)
Allan R. Loudell, DE	192	167	20	19	YSS. El Salvador & R. Belize
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, VA	193	174	17	16	Turks & Caicos
Ross Comeau, MA	193	172	18	16	R. Miskut
Jerry Johnston, KY	209	141	20	16	CHU off frequency 3333 kHz
Bill Smith, MA	128	128	16	16	Swan Island
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, KS	137	126	16	14	CHNX (50 w.)
Jilly Dybka, TN	145	108	15	14	La Voz del CID
Scott R. Barbour, NH	166	115	15	13	WRNO
David Turnick, PA	144	129	15	12	R. Impacto, Costa Rica
Gary W. Froemming, AZ	184	44	17	6	WWVL
Don Jensen, WI	245	241			
Harold Cones, VA	234	232			
Bob Raymond, NH	175	150			
Richard Bradley, MA	145	130			
Richard E. Lawrenson, RI	123	113			
Jerry Ervine, TX	110	60			



Tropical Band Loggings

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

- 2310 **AUSTRALIA VL8A** 1000 news items; trying out on the ground 30 meter long wire antenna; 10/31. (Wilkner-FL) 1140 pop mx pgm, W ancr; // 2325 & 2485; 11/12. (Kohlbrenner-FCDX) 1140-1218 pop vocals hosted by W w/ „ABC Darwin Center% ID 1149; country mx from 1200; vy poor at tune in but rapidly improving to fair by 1200. //2325 VL8T Tennant Creek and 2485 VL8K Katherine. 11/12 (D'Angelo/FCDX-PA) 1203-1310 pleasant vocals, national nx 1230; still holding up with a readable signal as late as 1310; first time I've heard this station; F-P 11/3. (Ronda-OK) 1215-1225 EE ID as ABC Local Radio at 1215; pgm was Weekender with Warren Brown; Had a W named Robin talking about what was on ABC TV over the weekend and a 1925 Bentley; at 1223 Steely Dan's Do it Again; nice 'armchair' copy; good 11/3. (Wilson-KY) 1229 EE, ctry mx, ABC nx 1230, more interviews & ctry mx; fair 11/3. (Taylor-WI)
- 2325 **AUSTRALIA VL8T** 1203-1220 // 2310 but fading quickly after 1220; first time I've heard this station. 11/3. (Ronda-OK)
- 2379.86 **UNID 0120** 0140-0145 M in PP; weak 11/1. (Wilkner-FL)
- 2485 **AUSTRALIA VL8K** 1203-1215, // 2310 & 2325 but at poor level and fading out quickly; 11/3. (Ronda-OK)
- 3173 **PERU R. Municipal** Panao most likely off the air; nothing this week, 13 to 18 November from 1000 to 1100. Some weak signals close to their frequency with usb chatter in Spanish, others believed to be harmonics on 3172 and several other frequencies. (Wilkner-FL)
- 3200 **SWAZILAND TWR** Manzini 2041-2045* talk by two men in EE until carrier cut at 2045 in mid-sentence; P-F 11/12. (D'Angelo/FCDX-PA)
- 3205 **PNG [New Guinea] R. Sandaun** (P) 1215-1225 island vocals heard while tuning through the band followed by a discussion by a M&W; Poor and almost gone by tune out 11/13. (D'Angelo/FCDX-PA)
- 3220 **S.AFRICA R. Sondergrense** Meyerton 0335 in Afrikaans; rock (some in EE) w/ ancr; very good 11/13; also 0120 talk & mellow mx to 0130 ID sequence in EE, then back to Afrikaans w/ M&W, more music; 11/15. (Taylor-WI)
- 3234.92 **PERU R. Luz y Sonido** Huánuco 0930 return to frequency after week of silence. Fair signal with M ancr& Peru music; 11/3. (Wilkner-FL)
- 3240 **SWAZILAND TWR** (P) 0327 in listed Shona; very interesting duet; fair 11/13. Also 0315 in Ndbele; M speaking slowly and deliberately; fair 11/14. (Taylor-WI) 0317-0323, in Shona with M speaking, good 10/17 (Parker-PA) 0256 IS & ID's to 0300, program in presumed (listed) Shona lang. Poor 11/12. (Kohlbrenner-FCDX) 0322-0330, 3 Nov 07, Vern. Inspirational music and prayers. ID at 0329. Fair 11/3. (Wood-TN) 0345 gospel songs in Nda; fair 11/2. (Ronda-OK)
- 3249 **HONDURAS R. Luz y Vida** (San Luis) 0331-0337, 3 Nov 07, Spanish. M with religious talk giving US addy. Fair. (Wood-TN) 0320 talk & songs in SS; consistently good for the entire week; 11/14. (Ronda-OK) 3250 (P); 0326 SS interview; fair 11/13. (Taylor-WI) 3250, 0305 SS long sermon-type talk, then steel-drum gospel tunes in SS; fair 11/10. (Schiefelbein-MO) 3250.1, 0249-0316 mix of music and short talks in SS; ID 0300 by M, then another man with a religious talk; choir vocals at 0310. P-F 11/11. (D'Angelo-PA) 3250.6, 0320-0330 EE, "Sounds of Joy" pgm with rel instls, into rel drama; fair 11/12. (Kohlbrenner-FCDX)
- 3255 **S.AFRICA BBC** Meyerton (P) 0325, 11/13/07, in English. Sports. Fair - good. (Taylor-WI) 0324-0328 in EE; good 10/17. (Parker-PA) 0330 EE ID, into Africa Morning pgm; vy good 11/12. (Ronda-OK) 0335-0410 current affairs features in EE, ID for World Service 0359, then time pips, ID and news. P-F 10/24. (D'Angelo-PA)
- 3279 **ECUADOR LV del Napo** 1115 M in SS talk; vy poor 11/3. (Ronda-OK) 3280, (P); 0320 M SS ancr w/ Andean mx, including pan flute; poor 11/13. (Taylor-WI)
- 3310 **BOLIVIA Moxj Chaski** (T) 0105-0130 listed in Quechua; W w/ brief talk, M w/ long talk, unidentifiable music, 0129 M w/ probable s/off anmt; 0130 off. Just at threshold, making it impossible to tell what language was spoken. Not likely Spanish nor English as I would have picked a word or two out of either of those. Besides, I have no ear for Quechua. 11/16. (Taylor-WI)
- 3320 **ECUADOR HCJB** 0146-0203 in Quechua; soulful vocal; talk by M, then joined by W; ID at ToH, back to previous talk, 0201 lively music; fair 10/28. (Taylor-WI)
- 3320 **S.AFRICA R. Sondergrense** 0110, 11/3/07, in Afrikaans. Man interviewing another man (call in?), 1st man continues. Signal was being destroyed by a UTE apparently idling .05 Khz. lower on USB splashing into both bands and upward. (Taylor-WI) 0245 Afrikaans vocals in pulsing CODAR;

- fair 11/2. (Ronda-OK) 0325 lots of pop vocals including "Sweet Home Alabama", all at near local level; 11/12 (Ronda-OK) 0330-0334 in Afrikaans with M anc & pops; strong 10/17. (Parker-PA)
- 3329.63 **PERU Ondas del Huallaga** Huánuco 2300-2325 musica de Peru; weak w/some CHU splatter 11/12. (Wilkner-FL)
- 3335 **PNG R. East Sepik** 1147-1215 Tok Pisin/English. W w/ news at t/in, ments Lorangau; NBC relay at ToH w/ EE news re Pakistan and UN; back to W at 1203 and M b/w choral music bits; animal/bird-like call at 1206 into presumed radio drama thru t/out. Remarkable signal at t/in, eventually fading out by 1215. Quick checks for other 90m PNG's revealed a few carriers but nothing like this one. 11/9. (Barbour-NH) 1207-1251 W w/presumed news and possible mentions of East Sepik at 1213, local pop music; pPoor 11/12. (Kohlbrene-FCDX) 1245 Tok Pisin talk by M, pop/island mx, ment Papua, 1300 local nx, ment PNG, anthem, ads, PSAs. Also heard 3205. 11/10. (Paszkiwicz-WI) 1245 M anc with pop and island-type tunes, long announcement prior to nat'l anthem at 1302. Then after a few secs of silence, switched to apparent relay of Port Moresby w/news and promos in EE, tentative "This is...National Radio" ID heard, but tough copy of fading signal in local QRM. Abruptly off 1310. Poor 11/10. (Schieffelbein-MO) 1209-1309* EE nx by W; wx 1218, island music program; pgm ended around 1300, then M&W talking; seemed to close down several times although music kept going! Finally, carrier cut at 1309. Poor to fair but reasonably steady until began seriously fading around 1245, 11/12. Next day, Nov 13, was holding up well with fair signal at 1240 with island music. (D'Angelo/FCDX-PA)
- 3340 **HONDURAS HRMI** 0340-0347 ID as "Radio Misiones International." M preaching in EE with SS W translator. Fair 11/3. (Wood-TN) 0908-0923 two M w/ SS ballads and talk; weak w/ deep fades 10/23. (Barbour-NH) 1112 SS ID, into EZL mx; I rarely hear this station at anything other than pool levels; fair 11/3. (Ronda-OK) noted with increased power 1110 to 1115 on 11/1. (Wilkner-FL) 3339.99, 0557-0630+ SS mx, "Radio MI" ID 0602 & into SS rel mx; SS rel talk w/ EE translations at 0615; fair 11/4. (Alexander-PA)
- 3345 **S.AFRICA Channel Africa** 0349 EE, MOR pop music; fair 11/3. (Wood-TN)
- 3350 **COSTA RICA REE** 0337 mx bridge, W SS anmts, including www address; armchair copy 11/13. Also 0310 M&W ancres, S.European style ballad; good 11/14. (Taylor-WI) 0335-0350, in SS with M anc and pops; strong 10/17. (Parker-PA)
- 3355 **S.AFRICA BBC** Meyerton 0340 EE interview; poor 11/2. (Ronda-OK)
- 3365 **PNG [New Guinea Territory] R. Milne Bay** 1200-1225 M w/ Pidgin nx, island vocals & talks with a woman. ID at 1209 by the M anc; poor with some fair peaks 11/13. (D'Angelo/FCDX-PA)
- 3390.29 **BOLIVIA Emisoras Camargo** Camargo 2340-0010 M in SS, tenor ballad, other music with M locator, short ant in between "...Camargo..." mentioned once by M; 0000 ute "All stations this is kilo -Echo -November-Lima..." in usb, Emisoras Camargo music strong below. 16/17 November. Also weak at 0000-0020 11/15 with same ute interference. (Wilkner-FL)
- 3396 **ZIMBABWE ZBC** (P) 0235 in local language; M anc (maybe took a phone call in), afropop; poor 11/13. Also 0335 call in; poor 11/14. (Taylor-WI)
- 3420.5 **PIRATE The Crystal Ship** 0200-0232 M in EE, rock style music; 0204 Lunatic Frengie; ID 0212 by what sounded like a W. Very Hard copy with deep fades & some of the music I did not know. At 0217 a tune by the group Asia... Without You... I think is the name. At 0226 Don Henley... The Heart of the Matter... At 02:31 Lou Gramm...Midnight Blue... 11/12. [Wilson-KY]
- 3905 **PNG R. New Ireland** 1248 W DJ with boy-band pop, some amateur QRM, mentions of PNG and New Ireland, possible NA at 1302, off. Poor 10/24. (Schieffelbein-MO) 1235-1251 M in EE w/ program of island vocals; group island vocal selections; asked listeners to participate in the program by making requests; ID & TC mention news in 18 minutes followed by country tune by female singer. Fair signal with slight amateur radio QRM 11/13. (D'Angelo/FCDX-PA)
- 3925 **JAPAN R. Nikkei** 1023-1045 M&W w/very long JJ talk; poor with //6055 at threshold level. Re-tuned at 1140 and signal improved to fair level. (D'Angelo/FCDX-PA) 1117 JJ talk; F-P 11/3.; good 1312 recheck. (Ronda-OK)
- 3975 **HUNGARY Koshut Radio** 2239-2259* drama program until guitar selection with a male singing at 2242. Comedy feature from 2245 until classical music segment, then M ID prior to carrier being terminated. P-F 11/11. (D'Angelo/FCDX-PA)
- 3984.83 **CROATIA Hrvatski Radio** 0050-0108 pop vocals, ID & pips 0100; M&W with presumed news; poor // 7285 in the clear; 11/12. (Kohlbrene-FCDX) 3984.82, 0300-0314 "Croatia Today" EE nx pgm; very weak; better on // 7285-via Germany. 11/3. (Alexander-PA) 3984.84, 2315-2329 "Croatia Today" EE nx pgm, weather; threshold signal; much better on // 7285-via Germany; 11/2. (Alexander-PA) 3985.03, 2315-2329 EE nx, sports, wx, IDs; lcl mx 2329; weak but readable; much better reception on // 7285-via Germany; 11/16. (Alexander-PA)
- 3985 **S.KOREA Echo of Hope** (P) 1314 long talk between M&W in KK; the current Aoki list has CNR-2 in English in this time period and of course at much higher power; however, this transmission was not in English but Korean; poor 11/3. I did not hear an ID so I list this as Presumed

- (Ronda-OK) 1225 listed Korean, W anc'r chat between light modern pop songs, longer talk at 1230 that may have been brief news. Lots of QRM from ham net keying up and complaining about the "foreign broadcast". Fair/poor 10/24. (Schiefelbein-MO) (T); 1329-1350 KK talk thru BoH; until f/out 1350; no ID, but but the other option is CNR 2, in EE; this was definitely not EE. Thanks to Jim Ronda. 11/3. (Taylor-WI)
- 3995 **INDONESIA [Sulawesi] RRI** Kendari (P) 2135-2152 f/o; talk in Indonesian by M&W w/ brief segments of instl mx; vocal by M 2147; poor with amateur slop and fading fast, 11/12. (D'Angelo/FCDX-PA)
- 4052.5 **GUATAMALA R. Verdad** 1110 and checks until 1330 in SS; operatic selections. F-G 11/3. (Taylor-WI) 0215 SS, anthem of some sort, anmts, ID, instl mx; 10/30. (Paszkiwicz-WI) 1122 children's chorus; good 11/3. (Ronda-OK) (P); 0343 M SS anc'r, ballad, good 11/13. Also 0130-0205 hymns on an organ, including "Oh come all ye faithful", and John McCutcheon's version of "Jingle Bells" on a hammered dulcimer, banjo, and fiddle. (this is the first Christmas music of the season for me), I never expected to hear a US folk version of a seasonal snow song from Guatemala! One can never know what will be on shortwave. Armchair copy 11/17. (Taylor-WI) 0003-0008 in SS with rel mx; F-G 10/15. (Parker-PA) 4052, 0354 SS; inspirational mx w/choir; M rel talk b/w selections; fair 11/3. (Wood-TN) 4052.47, 2255-2200 rel sermon & hymns, choir singing, ID over sermon at 2200; 11/11. (Kohlbrenner-FCDX)
- 4319U **DIEGO GARCIA APN** 0045 NPR pgmg; // 10320U Hawaii. 11/15. (Steve Lare-MI)
- 4409.7 **BOLIVIA R. Eco** Reyes 2305-2315 flute solo, TC by M, more exotic flute mx; still in at 2358; 11/3. (Wilkner-FL) 0044-0105 usual program of rustic vocals hosted by M w/SS talk & ID; poor 11/12. (D'Angelo/FCDX-PA) 4409.8, 0013 M SS anc'r; in the clear but weak; 10/15. (Parker-PA)
- 4450 **N.KOREA KCBS** Pyongyang 1127-1140 KK anc'r at t/in, ballads from 1135 thru t/out. Poor/weak under QRN 11/10. (Barbour-NH) 1120 KK, military music; good. [Wilkner-South Florida]
- 4460 **CHINA CNR-1** 1257 while tuning by heard Chinese programming, weak 11/3, clearly // 5030, as also reported by Dan Sheedy (CA) in Aug and more recently by Harold Frodge (MI). (Howard-CA) 2219-2251 f/o m CC talk, instl mx, then discussion by M&W; several anmts ard 2226, then theme mx, ID & introduction of new program; P-F 11/11. (D'Angelo/FCDX-PA)
- 4600.44 **BOLIVIA R. Perla del Acre**[?] 1005-1009* rel pgm w/M, "Dios en el lado..." weak and then gone. 11/3. (Wilkner-FL)
- 4635 **TAJIKISTAN Tajik Radio** 1, Yangiyul; 0030-0046 in Tajik with M anc'r, native mx w/ horns and vocals. Fair 10/15. (Parker-PA)
- 4699.3 **BULGARIA R. Bulgaria** 0052, 1/2 harmonic of their 9400 signal; poor 10/15. (Parker-PA)
- 4699.36 **BOLIVIA R. San Miguel** Riberalta (P) 0950-1015 SS talk; very weak 11/9. (Alexander-PA)
- 4716.6 **BOLIVIA R. Yura** 0103-0120 M&W SS banter, mx pgm; upbeat island-type mx with steel drums, flutes, etc.; W anc'r between each one; good 10/15 2316-2319 with M&W talks. (Parker-PA)
- 4716.67 **BOLIVIA R. Yura** 0125 mix of Andean & SS pops, ID; poor 11/13. (Kohlbrenner-FCDX)
- 4746.8 **PERU R. Huanta 2000** 1009-1026 Oct 21, man with Spanish talk, ID ad strings hosting program of OA vocals. Poor with severe CODAR QRM 10/21. (D'Angelo-PA) 4746.9, 1013-1033 W SS mx & talk, ID 1030, presumed ads/promos; weak/poor t/out; 10/27. (Barbour-NH) 4746.9, 2336-2347 M SS talk, TC, anmts & ID, hosting program of OA vocals; P-F 11/12. (D'Angelo/FCDX-PA) 4747, 2321-2325 in SS with M speaking; F-G 10/20 (Parker-PA)
- 4750 **INDONESIA [Sulawesi] RRI** Makassar 2125-2204 some music but mainly talks by M&W; ME sounding vocals 2156 until presumed Jakarta news at 2200 read by a man; very poor at tune in but building nicely but getting muddy by top of the hour; 11/12. Noted again on Nov 13 around 1155 with music prior to Jakarta news at 1200 with fair signal. (D'Angelo/FCDX-PA)
- 4750 **SUDAN R. Peace** 0331-0346 Vernacular/EE, ballad & talk in language announcing URL but I only caught the "www..." part of it. Full EE ID anmts & short "This is R.Peace" IDs at 0037 & 0339 w/ anc'r between both with what I presume were IDs in local language. Poor, fading under QRN by t/out; 10/30. (Barbour-NH)
- 4754.9 **MICRONESIA Pacific Missionary Aviation** (T) 0807 Christian music mixed with rel talk in EE, alternating between the two; much static, not easily intelligible, minor CODAR interference; 11/9. (Brandt-NJ)
- 4754.95 **BRAZIL R. Imaculada Conceição** Campo Grande; (P) 0427 PP M&W, M ID, back to alt. M&W talk; 11/13. Also 0256, 11/14. Both dates poor. (Taylor-WI) 4755, (P); 0250 PP rel talk by M&W, some rel songs; no clear ID heard at 0300; poor 11/13. (Ronda-OK) 4754.87, 0015 Roman Catholic service, M&W, "...Ave Maria..", some Latin in service[?]; 0025 secular music; 0104 still there but CODAR stronger; 11/16; same time 11/17, weaker. (Wilkner-FL) 4754.9, 0300-0310 M&W PP talk, W anc'r; F/P, losing out to CODAR 10/11. (Parker-PA)
- 4755 **BRAZIL R. Rural** 2309 in PP with M anc'r hosting call-in prgm, good signal but low audio was no match for CODAR 10/13. (Parker-PA)

- 4760 **ANDAMAN ISLANDS AIR** Port Blair 1120-1140 slowly fading in while watching gray line clock; excellent subcontinental mx; txn Scott Barbour for encouraging me to make a 60 meter band dipole. 11/11. (Wilkner-FL)
- 4760 **LIBERIA ELWA (P)** 2125-2301* EE; bits of rel talk b/w music. Slowly improving by ToH w/ M w/ more rel talk; real "feel good" stuff; b/w choral music bits. Contact info for California. Hymn-like music from 2226, sounded Italian, until barely audible announcer at 2300 followed by Liberian NA. NA matches that of old R. Liberia clip at intervalssignals.net. 11/14. (Barbour-NH) (P); 2237-2300 very poor at tune-in with rel talk & choral mx; slowly improving with peak at 2246; anthem at 2259 and off at 2300; this programming fits other ELWA reports. 11/15. (Ronda-OK) 4760.04, 2230-2303* EE rel messages & mx; s/off w/NA; weak, poor signal in noisy conditions. 11/16. (Alexander-PA)
- 4762.5 **CANADA R. Netherland** via Sackville 2311, 1/2 harmonic of 9525 transmission, poor 10/13 (Parker-PA) 2334-2357* Oct 16, Dutch language program featuring multiple IDs and features about the country. Poor-fair with fundamental at threshold level. Sub-harmonic from leaky Sackville facility. 10/16. (D'Angelo-PA)
- 4763.1 **BOLIVIA R. Chicha** Tocla 2326-2328 in SS with deep voiced M speaking, in the clear but weak 10/20 (Parker-PA)
- 4770 **NIGERIA R. Nigeria Kaduna** 0435 EE news cmtry; fair 11/13. (Ronda-OK) 0508-0515 EE ID, talk of elections and local governments; item on making trips to the Holy Land from Nigeria; poor 11/17. (Wood-TN) 2111 EE nx, ID 2114, canned ID 2115, ad for station, lots more talk; 11/8. (Brandi-NJ) 2213-2246 pop & soul mx; M IDs, Tina Turner (What's Love Got to do with It?); fair signal w/big ute QRM, and undermodulated; 11/11. (Comeau-MA) 0502-0511 in EE. In the clear on a totally QRM-free evening, but too weak to catch more than an occasional word. 10/18. (Parker-PA)
- 4774.9 **PERU R. Tarma** Tarma 2300-2325 break in transmission, then back at recheck 0100, ID's by M in between music, good signal but CODAR. (Wilkner-FL)
- 4775 **BRAZIL R. Congonhas** 0034-0040 in PP with M speaking, poor 10/13 (Parker-PA)
- 4775 **INDIA AIR Imphal** 0040-0050, mx; colliding with R.Congonhas before overtaking the frequency. P-F 10/13. (Parker-PA)
- 4775 **PERU R. Tarma** 2314-2320, M ancr in SS with reverb, highlife mx selections; in the clear; F/G 10/13. (Parker-PA)
- 4775 **SWAZILAND TWR** 0349 talk in listed Lomwe; in persistent zipper QRM; fair 11/2. (Ronda-OK) 0404 W with contemporary Christian music; fair 11/3. (Wood-TN)
- 4777 **GABON RTVG** 0512-0520 M&W in FF; huge signal but then obliterated by CODAR; 10/18. (Parker-PA) 0459 M FF talk, ID 0500, into choral music; improving to fair 0535 recheck; F-P 11/5. (Ronda-OK) 0506-0527 FF nx, into Afropop mx; VG 11/17. (Wood-TN) *0559-0535 s/ on w/local African mx; opening ID anmts 0600 & FF talk; short breaks of African music; good 10/26. (Alexander-PA)
- 4780 **DJIBOUTI R. Djibouti** *0300-0315 s/on w/NA, opening anmts; Koran 0303, Arabic talk; fair 11/3. (Alexander-PA) 0545 FF pop songs & anmts; 11/11. (Ronda-OK) 2015 AA music shading toward Horn of Africa music, into AA talk 2030, more mx later, closing with Djibouti national anthem at 2101 (matches anthem at <http://www.kbears.com/djibouti/anthemtext.html>); 11/8. (Brandi-NJ) 2045-2102* Horn of Africa vocals, W ID & anmts 2100, NA & off 2102*; fair 11/11. (Kohlbrenner-FCDX) 2049-2102* W talk in Somali, vocal by M singer; she returned at 2100 for station ID and quick closedown anmt, then by orchestral NA; fair 11/11. (D'Angelo/FCDX-PA)
- 4780 **GUATEMALA R. Coatan** 0234-0240* rustic mx, M in SS over instl mx, several IDs & closedown anmts; carrier remained on for another six minutes; fair 11/11. (D'Angelo-PA) 2320-2325 M SS ID, guitar/vocal mx, in the clear. (Parker-PA) *1028-1047 OC till choral NA at 1030; M SS ID, freq anmts & opening, then instl mx; several IDs & a TC followed by vocals; fair with some CODAR QRM, 10/21. (D'Angelo-PA) 4779.97, 0200-0210 SS ID, brief talk, into mx; good signal with the Swisher ever present 10/28. (Wilson-KY)
- 4790 **PERU R. Atlantida** Iquitos 2326-2333, M SS ancr w/guitar; W vocal mx, canned %R. Atlantida" with reverb M, upbeat accordian mx; good audio slightly muffled but overcoming CODAR 10/13. (Parker-PA)
- 4790 **PERU R. Vision** Chiclayo 0155 other than a few week Brazilian carriers this was the first Latin observable on 60m in over a week! 11/4. (Dexter-WI) 0313-0320 M SS sermon, exceptional signal and audio, stomping on CODAR but good! 10/11. (Parker-PA) 4790.10, 0522-0525 M SS talk & mx; only fair due to strong CODAR; 10/18. (Parker-PA) 4790.11, 0811 huaynos, brief church talk 0816, more mx, periodic IDs inserted into music but very difficult to parse out, full ID without music 0824 as Radio Vision and again 0826. (Brandi-NJ) 4790.15, 0220-0240+ SS preaching w/crowd sounds, hymn bridge, W, 0227 ID "Esta es Radio Visión", M anmt, "El Condor Pasa" bridge, M, hymn, and more preaching. Fair signal wrecked by CODAR 11/13. Also

- 0258, slow hymn like music, 0301 ID & freqs; poor 11/14. (Taylor-WI) 4790.2, (P); 0917-0933 M SS talk & mx, canned anmt of sorts at 0927; no discernible ID noted. "Live" sermon from 0930; F/P w/CODAR 10/27. (Barbour-NH)
- 4796.4 **BOLIVIA R. Mailku** 2344-2357 W SS talk, ID, rusticvocals; poor with QRM from CODAR 11/12. (D'Angelo/FCDX-PA) 2330-2341 with M ancr, very weak, and CODAR made it impossible. 10/20 (Parker-PA)
- 4800 **GUATEMALA R. Buenas Nuevas** 0321-0333 M in SS speaking very calmly and slowly, giving what sounded like advice to W caller who sounded depressed. strong 10/11. (Parker-PA) 4799.1, noted last few days, very weak 0030-0100 & 1150-1200 on 11/16. (Wilkner-FL) Not there 1100, 11/3&4. China was there. [Wilkner]
- 4800 **CHINA CNR1** 1115-1130 // 4460 M then into Chinese music, 11/9. (Wilkner-FL) 2240 M&W in CC, instl mx; // 4460, 4750, 9890; 11/12. (Kohlbrenner-FCDX)
- 4800 **INDIA AIR Hyderabad** 0057-0132 Hindi vocals w/sitar & flute mx hosted by W; talk pgm w/W ancr interviewing M at 0101; continued till pips at 0130, then ID & nx; P-F w/CODAR 11/12. (D'Angelo/FCDX-PA)
- 4805 **BRAZIL Rdif. do Amazonas** Manaus 2335-2340 M PP ancr, slight reverb, speaking slowly as if reading a speech or giving a dull sermon; good 10/13. (Parker,PA)
- 4810 **MEXICO XERTA** 0030 carrier w/poor audio in lsb to avoid the hash; 1030-1100 same w/M ancr & mx; very poor for a station so close to this QTH; 11/16. (Wilkner-FL) 4810.1, 0435-0502 usable audio from W SS ancr w/talk, ID, intros to mx features; weak signal only audible in LSB with growling hash on channel and CODAR QRM to contend with; awful reception 11/12. (D'Angelo/FCDX-PA)
- 4812.5 **CANADA CBC North Quebec Svc** via Sackville 2316-0005 EE svc w/letters & magazine features, nx 0000; nice signal but CODAR splash; sub-harmonic heard // 9625 fundamental channel; another leaky Sackville operation; 10/14. (D'Angelo-PA) 0315 in EE, 1/2 harmonic of their 9625 transmission. Good 10/15 (Parker-PA)
- 4815 **BRAZIL R. Difusora** Londrina 2242-2345 W PP ancr w/ call in; only fair due to strong CODAR 10/13 (Parker-PA)
- 4820 **TIBET Xizang PBS-Lhasa** 1052-1105 Mandarin; various ancrs & mx bits; pips/presumed ID 1100, then M until music at 1105; P-F 11/10. (Barbour-NH)
- 4824.54 **PERU LV de la Selva** Iquitos 2223-2300 usual flauta andina, good signal; not noted local mornings 1000-1100; infrequent schedule. 11/17. (Wilkner-FL)
- 4825 **BRAZIL R. Canção Nova** 0221 PP songs & anmts; fair 11/13. (Ronda-OK)
- 4828 **ZIMBABWE ZBC** 2334-2355 high-life mx, //3396; poor 11/11. (Kohlbrenner-FCDX) 0030-0100 African pops; amazing signal, but poor on 3396; 11/16. (Wilkner-FL) 0125 Afro pops, 0140 no anmt between songs; very strong 11/1, not //weaker 3396. (Wilkner-FL) (P); 0203-0233 talk & continuous Hi-life mx; poor/fair 10/29. (Barbour-NH) 0255 African choral mx; poor 11/2. (Ronda-OK) 0318 traditional African choral music; fair 11/2, // 3396 poor. 4828 now begins to fade in here around 2300-2330. (Ronda-OK) (P); 0318-0330 lcl pop mx; definitely there, but no ID heard; vy poor 11/1. (Evans-TN) 0344 in local language; mellow afropop, ID 0400 in EE & lang; back to afropop; not //3396; fair 11/13. (Taylor-WI)
- 4835 **INDIA AIR Gangtok** (very tentative) 1136-1155 f/o; possibly the one with Hindi vocals & talk by W ancr; weak signal, fading out, and pounded by CODAR made this difficult. What else could it be? 11/13. (D'Angelo/FCDX-PA)
- 4840 **INDIA AIR Mumbai** 0113-0140 M in Hindi talk, brief vocal selection 0128; more talk, then vocals; P-F 11/12. (D'Angelo/FCDX-PA) 0222, in the clear and no QRM, but extremely weak - mx barely audible on USB; 10/15. (Parker-PA)
- 4845 **BRAZIL R. Ibilinga** Sao Paulo 0815-0826 M in PP, sounded like preaching or political speech, barely above the noise level 10/12. (Parker-PA)
- 4845 **MAURITANIA R. Mauritanie** 0120 studio chatter in FF, some French songs; fair 11/11. (Ronda-OK) (P); briefly at 0158, M in FF and FF choral anthem; disappeared at 0200. 11/4. (Dexter-WI)
- 4845.2 **BRAZIL R. Cultura Ondas Tropicais** Manaus, Amazonas 0110-0130 in PP with excited M ancr and crowds roaring, presumably sporting event coverage, F-G 10/18. (Parker-PA) 0005-0048 M PP talk, choir vocals; seeming rel talk followed; fair in noisy conditions and audible with Ramadan over; no Mauritania. 10/17. (D'Angelo-PA)
- 4860 **INDIA AIR Delhi** 0132-0210+ W in Hindi nx; then Hindi mx pgm w/non-stop vocals from 0135; 0200 ID & discussion program featuring a woman host & several men; F-G 11/12. (D'Angelo/FCDX-PA)
- 4865 **BRAZIL R. Ahorada** Londrina (P) 2347-0004 in PP with two M talking and what sounded like %R. Alvorada% ID by M at 0002; in the clear but weak 10/13. (Parker-PA)
- 4877.5 **CANADA RCI** Sackville 0225-0231, M&W ancrs in SS with pops, 1/2 harmonic of their 9755 transmission. F-G 10/18 (Parker-PA)

- 4885 **BRAZIL R. Clube do Para** Belem 0125 lively PP vocals; ID 0131; persistent zipper QRM; good 11/11. (Ronda-OK) 0334-0343 in PP with reverb M ancr ID;; mixed upbeat mx & slow songs, booming in like a local 10/11. Also 0015-0010 in PP, M ancr with reverb, upbeat music. Good, but colliding with presumed R. Virgen de Carmen (Peru), also playing mx; 10/13 (Parker-PA) 0347 PP, BRZ pop, ID w/ echo effect, more pop; fair 11/13. (Taylor-WI) 0418 M in PP w/slower folk type mx instead of the techno sound one usually hears on this station; fair 11/3. (Wood-TN) 0526-0536 M PP reverb ancr & usual pops (one sounded like a PP version of something from the musical %Hair% and was quite nice), armchair copy 10/18. (Parker-PA)
- 4894.9 **BRAZIL R. Novo Tempo** 0131-0218 PP talks, ID, pgm of rel vocals till 0200 when nice formal ID noted; M began preaching; P-F 11/13. (D'Angelo/FCDX-PA) (T); 0323 PP talk by M, Brazilian pop; 0303 recheck woman (prob. intro.), M w/long talk, then the woman's turn; poor 11/13. (Taylor-WI) 0224 PP talk, two clear Campo Grande IDs 0246; poor 11/13. (Ronda-OK)
- 4895 **INDIA AIR Kurseong** 1202-1238 W ancr w/Hindi vcls; ID and English news at 1230; good signal at tune in but fading down and CODAR began QRMing around 1220; 11/13. (D'Angelo/FCDX-PA)
- 4900 **CHINA Voice of the Strait** Fuzhou (Amoy Channel) 1218-1235; talk in listed Amoy, soft Asian vocals; not //7280, which is the Entertainment Channel in Mandarin; poor. (Ronda-OK) (P); 1336-1407 assume in Amoy & CC; played a variety of music (traditional, pop, ballads, etc.), weak. Per their website <<http://www.vos.com.cn/introduction/gbpl.htm>>, their current SW frequencies are: Channel 1 - News & Public Affairs on 4940 & 11590 kHz; Channel 2 - Lifestyle & Entertainment on 5050 & 7280 kHz; Channel 3 - Fujianese-dialect programs on 4900 & 6115 kHz; 10/27. (Howard-CA)
- 4909.2 **ECUADOR R. Chaskis** 1052-1120 M inSS hosting a morning mx pgm w/ID & TCs; around 1100 a long talk took place before more music was heard; fair but slowly slipping around 1115; 11/13. (D'Angelo/FCDX-PA) 4909.21, (P); 1050-1100 SS talk, Ec mx; P-F 11/2. (Alexander-PA)
- 4915 **BRAZIL Rdif Macapá** 0105-0115 M PP talk, vocal song, talk, ID & talk by 2nd M, Brazilian pop; poor 10/28. (Taylor-WI) 0135 pleasant PP vocals, quick Macapa ID 0136; fair in ever-present zipper QRM 11/11. (Ronda-OK) 0538-0549 in PP with M ancr, upbeat vocals, ID jingle; armchair copy 10/18 (Parker-PA)
- 4920 **INDIA AIR Chennai** 0052-0135 Hindi vocals, discussion program w/M&W ancr team in listed Tamil language; time pips 0130, then by ID & talk by another W ancr; fair with some CODAR splash but deteriorating around tune out; 11/12. (D'Angelo/FCDX-PA)
- 4920 **TIBET Xizang PBS-Lhasa** 2107-2120 M&W in lang talk & pop-like music; poor; //4905-fair, //5240-poor; 10/28. (Barbour-NH)
- 4930 **BOTSWANA VOA** 0349 EE nx article in rolling news format; fair 11/13. (Taylor-WI) 0353-0402 EE feature about W recording artist (probably an "Idol"), as there were song clips interspersed with M ancr, mention of %VOA News Today% at TOH; poor with strong CODAR 10/11. (Parker-PA)
- 4935 **BRAZIL R. Capixaba** Vitoria 0233 M&W in PP talks; very weak 10/15. (Parker-PA)
- 4950 **ANGOLA R. Nacional de Angola (P)** 0245-0250 audible in USB but audio too weak to make out 10/15. (Parker-PA)
- 4950 **PERU R. Madre de Dios** Puerto Maldonado 1100 sitting on this one looking for good opening; excellent music last good logging; poor 11/16. (Wilkner-FL)
- 4960 **SÃO TOME VOA** 0406-0410 with ,Daybreak Africa%; poor 10/11. (Parker-PA)
- 4965 **PERU R.Santa Monica** 0303-0310 in SS with M vocal mx, M ancr; in the clear but weak 10/18. (Parker-PA)
- 4965 **ZAMBIA The Voice-Africa (P)** 0030-0109 non-stop Christian pop mx; P-F with some CODAR QRM 10/31. (D'Angelo-PA) 0251 EE, rel mx, W vocal; P-F 10/15. (Parker-PA) (P); 0403-0415 EE nx, usual singing jingle for the morning ("Getting On Up"), into "The Breakfast Show", upbeat rel singing; fair till about 0415, then downhill; 11/8. (Howard-CA) 0422 EE, M with contemporary Christian music; fair 11/3. (Wood-TN)
- 4970 **INDIA AIR Shillong** 1437-1506 nice program of sub-continent mx & songs; this was their best reception so far this DX season; fair 11/18. (Howard-CA)
- 4974.7 **PERU R. Del Pacifico Lima (P)**; 0302 song with W vocal; poor 10/15. 0550 on 4974. 8 with W ancr; poor 10/18. (Parker-PA)
- 4976 **UGANDA R. Uganda** 2105-2145* nice tribal group male vocals in EE w/drums; M hosting program with talks in local language; running past nominal 2100 closedown but pulled plug suddenly at 2145; F-G with some CODAR QRM 11/12. (D'Angelo/FCDX-PA) 2205-2237 percussion dominated African Pops, M ancr in EE, anmts b/w songs; F-G signal disturbed by CODAR; 2240 recheck they were gone; 11/17. (Wilkner-FL) 4975.97, 2225-2235 Afro-pops, EE talk; on later than usual; poor in noisy conditions 11/17. (Alexander-PA)

- 4990 **SURINAME R. Apintie** 0235-0305 M in mainly Dutch, but some EE talk, hosting pop music program with one song from an "American Idol"; ID 0300 during top of the hour talk segment before returning to music program; P-F 11/12. (D'Angelo/FCDX-PA) 0933-1002 "River Kwai" theme, talk in Dutch, vocals, ID just before 1000; poor 11/13. (Kohlbrener-FCDX)
- 5005 **EQ.GUINEA R. Nacional** 2027-2043 high life vocals, W lang 2043; poor 11/11. (Kohlbrener-FCDX) 2107-2245 long SS talk by M; Afro pops at 2153 re-check; W ID & talk about the economy at 2219; vocal around 2245; fair & steady reception 11/11. (D'Angelo/FCDX-PA) 2240-2301* SS anmts, Afro-pop mx; s/off w/their usual long NA; not heard in some time; fairly strong carrier but weak modulation 11/16. (Alexander-PA)
- 5009.7 **DOM.REP. R. Cristal** (P) 2224-2234* M in SS w/music & talk; cut-off 2234; nothing else heard during several re-checks; fair 10/27. (Barbour-NH)
- 5010 **INDIA AIR Thiruvananthapuram** 0110-0136 Hindi talk by M&W, some Hindi vocals, more talk; pgm of flute music began 0130; fair & improving 11/12. (D'Angelo/FCDX-PA)
- 5014.28v **PERU R. Altura** (T) 1017-1111 M DJ w/mostly OA folk mx & songs, ads, slight drift to 5014.25; P-F 11/18; unable to dig out an ID. (Howard-CA) 5014.22, 1035-1120 "...mas en el mundo ...Radio Altura... en las noche... son las cinco y mediaproxima ..." indigenous flute & vocal mx; infrequent schedule? Excellent signal 11/18. (Wilkner-FL) 5014.5, (P); 1052-1103 mx at t/in, M in SS from 1055 till presumed ID at ToH, right back to music; poor & rapidly deteriorating 11/9. (Barbour-NH)
- 5025 **BENIN R. Parakou** (P) 2027-2038 breakdown at Rebelde let this sneak through for a few minutes with tribal vocals hosted by W in FF talk; P-F prior to the Cuban's return; 11/12. (D'Angelo/FCDX-PA)
- 5030 **BURKINA FASO R. Burkina** 2344-0000* FF highlife vocals hosted by M w/FF talk; ID prior to orchestral NA at 2358; fair and in the clear until University Network opened as anthem was played; 10/16. (D'Angelo-PA) 2350 highlife-type music selections w/W ancr; violin instl piece (presumably NA) leading up to 0000* signoff; F-G despite heavy QRM from Cuba on 5025 11/8. (Schieffelbein-MO) (P); 0605-0632 TIRWR not heard here for a second consecutive day. Program in French, consisting mostly of African high-life music and songs, 0622 seemed to change to a type of African rap song, ballad, etc. The timing for this was perfect, as their sunrise was at 0606; reception would have been F-G, except for a problem with local noise. Some QRM from Radio Rebelde on 5025. Am very grateful to Dan Sheedy for this tip. 11/18. (Howard-CA)
- 5030 **CHINA CNR1** 1359 string of anmts; 5 low and 1 high time pips at 1400 were in step with my atomic clock; ID at 1400:20; S8 signal was stronger than adjacent Rebelde; into apparent nx headlines; 11/10. (Strawman-IA)
- 5035 **BRAZIL R. Aparecida** 0315 in PP with boisterous M ancr, song with W vocal; poor 10/15. (Parker-PA)
- 5039.3 **PERU R. Libertad** (P) 1023-1036, Nov 8 2007, Spanish. M w/ talk b/w musical selections. Poor under QRN. (Barbour-NH) 5039.2, 1040-1053 M in SS talk hosting program of OA vocals w/ID & TC; poor 11/13. (D'Angelo/FCDX-PA) 5039.3, (P); 1041-1051 M SS talk & mx; weak, deteriorating rapidly 10/27. (Barbour-NH)
- 5040.5v **BURMA R. Myanmar** 1132-1209 f/o usual selection of haunting local vocals with flute melodies hosted by W ancr w/Burmese talks; poor but flutes really cut through the noise, 11/12. (D'Angelo/FCDX-PA)
- 5050 **CHINA Guangxi BCS** Nanning 1104-1121 in listed Vietnamese; M&W w/talk, presumed ID 1115 followed by M thru t/out; weak but improving; //9820-fair; 11/8. (Barbour-NH)
- 5446.5U **USA AFRTS** Key West, FL 0249 relaying ESPN Sports Radio "Sports Line." // 7811usb at fair level; F-G 11/3. (Ronda-OK)
- 5770 **BURMA Myanmar Defense Forces BC Unit** (T) via Taunggyi 1452-1520 lang, pop Asian music/songs, brief segment of talking about Myanmar, back to songs, mostly poor, lost after 1520, unable to catch their usual sign-off about 1530. 11/7. (Howard-CA) 1525-1529* pop Asian song, brief s/off anmt, usual indigenous instl mx & off.; poor 11/8. (Howard-CA)
- 5885 **VATICAN Vatican Radio** 2157 ending FF, then IS cut midway, brief pause, back in II, and stronger, at 2200. (Dexter-WI)
- 5900 **RUSSIA IBRA Radio** Petropavlovsk (P) 1235 M&W alternating in Mandarin; poor 11/17. (Taylor-WI) 1254 continuous Chinese tkl by M; fair 11/17. (Strawman-IA) 1206-1212 W in Mandarin, soft rel vocal; F-P 11/17. This station as listed in Aoki; PWBR has this as China Radio (Taiwan) via Petropavlovsk. (Ronda-OK)

International Band Loggings

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- 5930 **CZECH REPUBLIC R Prague** in EG 2337, feature re Neo-Nazi group attacks in Prague, ID, clip re Ski Resorts and snow fall in CZ, sports roundup, feature "One on One" (Wilson KY 11/12)
- 59393v **PERU R Melodia** Arequipa in SP 0955, talks, ads, promos, ments Arequipa, p-f (Alexander PA 10/26)
- 5995 **RUSSIA WYFR Family Radio** relay via Petropavlovsk in CH 1157, relig program w/mx, "Lesson on Slow English" w/reading from the Bible (Howard CA 11/10)
- 5995 **FRENCH GUIANA R France Int** relay in SP 0107, YL w/news of Pakistan and mentions of bombers, IDs at 0108 and 0114, website, talk re US and French presidents, f (Wood TN 11/7)
- 6005 **SEYCHELLES BBCWS** via Mahe in EG 1904-1931, world news, ID, "Focus on Africa" w/many short features re Africa, encouraged text messages from listeners, promo, f (D'Angelo FCDX-PA 11/12)
- 6015 **GERMANY Polish Radio** relay via Wertachtel in EG 1810, rpt on Poland joining the Shengen Group (no border controls among member states), ID, Polish concert, mailbag, /DX pgm (Brandi NJ 11/7)
- 60195v **PERU R Victoria** Lima in SP 0600, SP religious mx and talk, //9720 both weak (Alexander PA 10/21)
- 60251v **DOMINICAN REPUBLIC R Amanecer** Santo Domingo in SP 0348-0401*, abrupt s/off in mid-song, (Howard CA 11/8) in SP 2358, various DJs and mx, solid ID 0005, QRM (Barbour NH 10/23) in SP 2220, religious mx, ancmts, LV de Esperanza jingle, ID, strong signal w/AC splatter (Alexander 11/10) in SP 0127, hymns w/piano, ancmts, QRM splatter from CRI on 6020 (Hauser OK 10/29)
- 60496v **MALAYSIA Suara Islam/Voice of Islam** via RTM Sibui in Malaysian 1540-1635, OM w/on-air phone calls along w/pop songs and ballads, short nx segment 1600, singing jingle, g-f (Howard CA 11/7)
- 6055 **JAPAN R Nikkei** Tokyo in JP/EG 0830-0900, regular Saturday "Let's Read the Nikkei Weekly" pgm, mostly in JP w/about 20% in EG, f-g, //3925, 9595 (Howard CA 11/3)
- 6060 **CUBA R Nacional de Venezuela** in SP 1101, intro in SP w/segment in EG, mostly news about students from the Central University of Venezuela demonstrating against Pres Hugo Chavez and constitutional reform, back into SP 1115, f-p with QRM from China PBS-2 and R Nikkei (Howard CA 11/10)
- 6060 **CHINA Sichuan PBS-2** Xichang in CH *0959-1100, s/on w/poop song and 5+1 pips, into CH prgm, //7225, covered by R Nacional de Venezuela s/on at 1100 (Howard CA 11/9)
- 6075 **RUSSIA R Rossii** via Petropavlovsk in RS 0800, 5+1 pips, talks, ID, strong signal (Howard CA 10/29)
- 6080 **SAO TOME VOA** relay in EG 0357, music to 0358, fqys, ID 0400, news, f (Ronda OK 11/11)
- 6090 **BRAZIL R Bandeirantes** São Paulo in PT 0345, phone interview, promos/ads, ID in passing, wiped out by big open carrier at 0405, p (Schiefelbein MO 10/17)
- 6105 **PHILIPPINES VOA** relay in RS 1424, several ments of Michael Chertoff, into program in slow EG at 1430 w/story about Navajo Indian girl, g (Strawman IA 11/10)
- 6105 **GERMANY TWR** relay via Wertachtel in EG 0838-0850*, "Through the Bible" feature w/religious talk and contact info, IS at s/off, f (Barbour NH 11/5) in EG 0844, "Amazing Grace" & "Way to Life" features, ID, UK address, QRM underneath from Brazil station (Brandi NJ 11/1)
- 6130 **LAOS Lao National Radio** Vientiane in Laotian 1152-1202, SE Asian vocals, familiar gong/bell rung slowly seven times at 1200, NA, news/commentary, poor at best (D'Angelo FCDX-PA 11/12) same programming from 1555-1603* but with fair to above average reception (Howard CA 11/8)
- 6155 **RUSSIA V of Russia** relay Vladivostok in EG 0756-0841, IS, ID, news, RS music and songs, talks on the history of Moscow, etc., weak signal (Howard CA 11/2)
- 6160 **CANADA CKZU** Vancouver, BC relay of MW "AM 1090" in EG 1700, ID as AM 690 and "Very Vancouver", news, into feature called "Chemical Reaction", good (Johnson NV 10/13)
- 6160 **CANADA CKZN** St. Johns, Newfoundland relay of MW "CBC Radio One" in EG 1320, group talk re organ mx and songs at hockey games, ID, wx rpt, news, feature, f-g (D'Angelo PA FCDX-PA 11/13)
- 6165 **CROATIA Croatian Radio** Deanovec in EG 0600, 4 minutes of EG news, sports, weather, ID, and schedule, //9470 via Germany relay, both fqys f-g (Alexander PA 10/19)
- 6185 **SINGAPORE RSJ** in CH 1115-1315, IDs, website, jingles, good and in the clear (Howard CA 10/20)
- 6240 **MOLDOVA V of Russian** relay via Kishinev in EG 0249, documentary on the siege of Stalingrad during WW II, f-p (Ronda OK 10/28) in EG 0347-0416, classical mx, ID at 0358 for World Service, musical interlude until 0400 news, into feature by Estelle Winters, f (D'Angelo PA 11/1)
- 62506v **NORTH KOREA KCBS** Pyongyang in KR 1110, talk, NA, ballads, f, //6399v (Barbour NH 10/23) in KR 0943, KR patriotic music, off abruptly 0948, back on 0955, pips, ID, more music (Brandi NJ 11/1)
- 6255 **LITHUANIA The Mighty KBC** relay via Sitkunai in EG *0100-0159*, classical/pop tunes from the Beatles, Elvis, the Beach Boys etc., frequent DJ breaks, IDs, p-f (Schiefelbein MO 10/21)

- 6285 **NORTH KOREA KCJB** Kujang in KR 1202-1335, instrum'ts, talks, news, p-f (D'Angelo FCDX-PA)
- 6290nf **EGYPT R Cairo** in AR/EG 0210, news in EG, AR mx, poor w/awful distortion and ham QRM greater than usual w/contest in progress (Hauser OK 10/28) in AR 0017-0200, drama program which ran past 0100, retuned around 0200 to recitation from the Koran, f-g w/choppy signal (D'Angelo PA 10/31) in AR 0239 with unaccompanied singing, f (Ronda OK 11/3)
- 7210 **MONACO TWR** relay via Monte Carlo in HG 0928, IS, ID, relig talks, f/o 0945 (Barbour NH 11/6)
- 7210 **UNITED KINGDOM BBC** Rampisham in SH/EG 0308-0329*, talk in language, some vocals, series of IDs at 0323, EG language clips during talk in SH, p-f (D'Angelo PA 10/24)
- 7210 **ALBANIA China R Int** relay in SP *2200, IS, ID, mainly national news, f (McGuire MD 10/19)
- 7215 **SOUTH AFRICA TWR** relay via Meyerton in Sidamo dialect 0338-0345*, YL talking in Ethiopian dialect alternating w/mx segments, ID in EG at s/off, f (D'Angelo PA 11/9)
- 7250 **ARMENIA V of Russia** relay via Yerevan in EG *0100, IS, NA, ID, report on Russia-European summit talks, g (McGuire MD 10/26)
- 72749v **NIGERIA R Nigeria** Abuja in EG 0610, t/in to EG news re local politics, ID, f-g (Alexander PA 10/26)
- 7325 **AUSTRIA RAI** Moosbrunn in EG 0013, cmntry re high gas prices and snow in Austria, "Report from Austria", talk on election in Slovenia, global warming, Muslim integration (Wilson KY 11/13)
- 7360 **BELARUS R Belarus** Minsk in EG 2245, local pop mx, news, f, //7390 weaker (Alexander PA 11/9)
- 9345 **UZBEKISTAN R Nederland** relay via Tashkent in EG 1409, "Newline" w/reports on NATO mission in Afghanistan, Dutch news, IDs, "Network Europe" feature, p (Schiefelbein MO 10/26)
- 9460 **GERMANY Bible Voice BC** relay via Juelich in HB 1858, YL w/ment of "Jerusalem" and "Elohim", contact info, website, ID in EG, f (Taylor WI 11/6)
- 9490 **GERMANY CVC Int** relay via Wertachtel in EG 1905, Christian mx, ID, website, f (Taylor WI 11/6)
- 9495 **SRI LANKA Deut Welle** relay in AR 2100, ID, regional nx, ment Turkey, f (McGuire MD 10/24)
- 9500 **GERMANY WYFR Family Radio** relay via Wertachtel in AR, Muzak-like hymn, Family Radio continuity, ID, talk by OM, f (Taylor WI 11/6)
- 9510 **BULGARIA? IRRS** Milano relay in EG 1042-1110, t/in to EG religious program, ID 1045, US pop mx by Jennifer Lopez etc., address at 1100, UNI news, light pops, Sunday only, f-g (Alexander PA 11/4)
- 9550 **CUBA RHC** Havana in EG 0527, calypso mx leading into Arnie Coro w/news about the effects of the US blockade on Cuban goods, vg (Wood TN 10/21)
- 9565 **BRAZIL R Tupi** Curatiba in PT 0110-0150, OM preaching w/congregational singing, speech over orchestral mx, Voz de Libertacao relay, TC, ID, vocals (Taylor WI, Paszkiewicz WI 10/30)
- 95992v **MEXICO R Universidad** Mexico City in SP 2307-2345, great program of jazz mx hosted by two OMs, many selections by the Preservation Hall Jazz Band, f-g w/Cuba splatter (D'Angelo FCDX-PA 11/11)
- 9625 **CANADA CBC Northern Service** Montreal in EG/Inuik 2136, ID, Northern news, feature mostly in EG, report on child custody, weather rpt, low and muffled audio (Hauser OK 10/29)
- 9675nf? **ROMANIA RRI** in EG 2204, rpt on Turkey's threat to northern Iraq, //11940 (Fraser ME 10/17)
- 9680 **INDONESIA RRI** Jakarta in EG 1011, KGRE program presented by Sue and Maggie re music and the Balinese musician Balawan, played a few of his songs, g (Howard CA 10/17) Wed. and Suns only
- 9705 **NIGER RTV du Niger** Niamey in FR 2155, dance mx, ID, talk about African countries over music, vocals (Paszkiewicz WI 11/3)
- 9745 **SOUTH AFRICA TWR** relay via Meyerton in EG/Hausa *1828-1925*, several IDs in various langs alternating w/IS, into Hausa programming at 1830, ID in EG at closedown, p-f (D'Angelo PA 11/3)
- 9760 **PHILIPPINES VOA** relay in EG 1325, Jazz America show from VOA Music Mix Network, "Jungle Blues", terrific piece by Jelly Roll Morton, QRM from CRI underneath (Hauser OK 10/20)
- 9765 **RUSSIA R Tikhii Okean** (R Pacific Ocean) relay via Vladivostok in RS *0835-0900*, ID "Govorit Vladivostok", chimes IS, RS news items, ancnmts, interviews, Russian ballad etc., sound of the ocean and ship's bell, ToH 3 pips and off, this station bcsts to the Russian fishermen and seamen out in the Pacific Ocean and is also aired via Primorskoe Radio on AM 610, //12065, g (Howard CA 10/20)
- 9780v **YEMEN Republic of Yemen Radio** in AR 2131-2200, continuous mx thru 2158 w/whisper-quiet OM announcer, ID "Radio San'a", fair w/fade out by 2200 (Barbour NH 10/15, Taylor WI 10/15)
- 9785 **TURKEY V of Turkey** in EG *1830, IS, pips, ID, TC, fqy, sked, news, cmntry on PKK terrorist acts, good (McGuire MD 10/19, Fraser ME 10/22)
- 9810 **THAILAND R Thailand** in EG 1246-1300*, Thailand promo, TC, ID 1250, news re UN and North Korea, commentary, another ID at s/off (Barbour NH 11/6, Alexander PA 11/2, Hauser OK 11/1)
- 9845 **NETHERLANDS ANTILLES R Nederland** relay Bonaire in EG *0000, IS, pips, TC, "Newline", ID, report on Turkey, good (McGuire MD 10/12)
- 9870 **INDIA AIR New Delhi Vividh Bharati** in HD 1411, Indian film mx, NA?, ID 1415, news briefs, talk about Diwali (Hindu holiday), good (Brandi NJ 11/9, Bergadano NJ 11/9, Hauser OK 11/5)

- 9935 **GREECE R Makedonias** in GK 1523, OM w/ pgm of traditional/modern GK mx, f-g (Parker PA 10/25)
- 11690 **JORDAN R Jordan** in EG 1600-1729*, light instrumental mx, Euro-pops, call-in program about saying "no", ID, news 1701, more mx to s/off, f-g (Alexander PA 11/10)
- 11725 **PHILIPPINES VOA** relay in EG 2235, "VOA News Now" w/reports on Putin's trip to Iran and opening of Communist Party Congress in China, audio echo reception, f (Schiefelbein MO 10/15)
- 11760 **CUBA RHC Havana** in SP 1335, DX program "El Contacto", talk by new correspondent in Guatemala about DRM which sounded like a DRM press release - nothing re its drawbacks (Hauser OK 11/4)
- 11765 **CHINA China R Int Urumqi** in EG 1403, news rpt w/in-depth coverage of the opening of the 17th Annual Communist Party's National Congress, plans for Beijing restaurants to go green by ditching disposable wooden chopsticks, f-g w/splatter from Cuba 11760m //11675 (Schiefelbein MO 10/15)
- 11770nf **NIGERIA V of Nigeria** in SH 1507, talking drums, YL in lang w/an accent, good modulation and helped by absence of Anguilla on 11775, xmsn is scheduled from 1500-1530 (Hauser OK 10/31)
- 11780 **BRAZIL R Nacional Amazonia** Brasilia in PT 0153, announcer w/ reverb interviewing OM, possibly a comedy, ID at 0200, exc (Parker PA 11/1)
- 117849v **INDONESIA Suara Indonesia/V of Indonesia** Jakarta in AR 1603-1645, Qur'an recital, talk about Indonesia, DJ playing EZL music and pop songs, IDs, f (Howard CA 10/19)
- 11790 **MADAGASCAR R Canada Int 1** relay in AR *0300, news report w/mentions of Stephen Harper, Canada, and Yellowknife, long phone rpt from correspondent, IDs, website, g (Schiefelbein MO 10/19)
- 11990 **KUWAIT R Kuwait** in EG 1835, OM w/world news, rpt on terrorist attacks in Pakistan and Sri Lanka (Fraser ME 10/22) in AR/EG *1757-1900+, in AR to 1800, NA and into EG programming, ID, talk about religion in the area, US and Euro pop mx, feature re Kuwaiti women, f-g (Alexander PA 11/10)
- 11995 **ASCENSION ISLAND Radio Japan** relay in JP *2200, IS, pips, ID, news, g (McGuire MD 10/26)
- 12095 **THAILAND R Thailand** in EG 0043, regional wx forecast (mostly rain), ID, website, music to 1000, choral anthem, chiming bells, into Thai programming (Howard CA 10/30)
- 13580 **CZECH REPUBLIC R Prague** in EG 1310, report on neo-Nazi march in May into Prague's Jewish Quarter, f (Fraser ME 10/23)
- 13750 **ALBANIA R Tirana** in EG 1319, mailbag, reading listeners' reception rpts, answering a listener's question about religious tolerance in Albania (Hauser OK 10/19)
- 15275 **PORTUGAL Deut Welle** relay via Sines in EG 1917, "Newslink", features about Uganda, Liberia, and Italy, ID and into PT program at 1930, f, //11690 from Meyerton relay (D'Angelo PA 11/3)
- 15275 **THAILAND R Thailand** in EG *0200, "News Hour" with segments for "National News" and "Global News", ID stating that Radio Thailand was being broadcast by the "Public Relations Department of the Royal Thai Government", beamed to West Coast US, f-p (Howard CA 10/30)
- 15410 **CHILE CVC International** Santiago in PT 2342, classical music w/many interruptions, promos, and PSAs so that only brief pieces of music can be heard, plug for EG lessons daily (Hauser OK 10/20)
- 15450 **TURKEY V of Turkey** in EG 1302, talk re Ataturk's views on art, "Food of the Court" feature about fish markets, detailed recipe too rushed to copy w/o taping, TK music (Hauser OK 10/16)
- 15476 **ANTARCTICA R Nacional Arcangel San Gabriel** in SP 2032-2058*, Latin vocals, talk, closedown ID and ancmts, p-f (D'Angelo FCDX-PA 11/12) in SP 2050-2100*, lively Lat Am music, weak signal (Alexander PA 10/18) in SP 1910-1955, many lively Argentine folk songs and ballads, all with dramatic OM vocals and acoustic guitars, talks, fair w/fades and static (Comeau MA 10/17)
- 15675 **SÃO TOME VOA** relay in Somali 1745, OM w/several animated guests on the phone, numerous ments of Somalia, VOA ID in EG and s/off 1759, f (Schiefelbein MO 10/14)
- 15750 **BULGARIA? IRRS** Milano Italy relay(p) in EG *1300, ID, feature about the influence of positive and negative thoughts, Sundays only, f-g (Alexander PA 10/21)
- 17610 **AUSTRIA AWR** relay via Moosbrunn in Afar dialect, brief talk, repetitious singing w/primitive string instrument, cut off abruptly at 1458:30 (Hauser OK 10/31)
- 17725 **LIBYA V of Africa** Sabrata in EG 1400, monotone OM announcer, ID, local music, news, comments, formerly on 17870, //21695, both frequencies with audio hum (Hauser OK, Alexander PA 10/28)
- 17860 **RWANDA Deut Welle** relay in AR *1800, ID, mainly regional nx, ment Iraq, vg (McGuire MD 10/24)
- 17895 **BOTSWANA VOA** relay in EG 1900, ID, TC, Africa service, rpt on Pakistan, g (McGuire MD 10/19)
- 21470 **ASCENSION ISLAND BBC** relay in EG 1438, report on India's fledgling space program, genetic detective work on Neanderthals and other science news, g (Schiefelbein MO 10/26)
- 21695 **LIBYA V of Africa** Sabrata in EG 1451, talk about Allah, ID as "Voice of Africa from the Great Jamahiriyah", talk in a series about African countries, e.g. Mauritius' geographical facts, language etc. (Hauser OK 11/10) in EG 1459, ID at 1500, light music and discussions, signal marred by het tone and muffled audio, f (Schiefelbein MO 10/26)

Clandestine/Opportunity Stations

- 5980 **ETHIOPIA V of the Tigray Revolution** in Amheric *0356, familiar IS until 0359 when OM gave opening ID and announcements, news? followed at 0400, p (D'Angelo PA 10/20)
- 6300 **ALGERIA National Radio of Saharan Arab Democratic Republic** relay via Rabouni in AR *0602-0715 military march at s/on, Koran chants to 0616, AR mx, OM w/impassioned rant to 0620, extremely strong signal and hi-fi audio (Parker PA 10/12) in SP/AR 2344-0001*, OM w/talk in SP between up-beat AR mx, ID and NA at s/off, good w/some splatter from Egypt on 6290 (Barbour NH 10/27)
- 6335 **IRAQ V of Iraqi Kurdistan** in Kurdish 0418-0502, lively Kurdish music and vocals, talk by YL, music fanfare and ID at 0500 followed by OM with news, fair w/RTTY QRM (D'Angelo FCDX-PA 11/13) ED: Listed power of transmitter is only 5 kw. Incredible DX if that's correct.
- 9525 **ASCENSION ISLAND Star Radio-Cotton Tree News** in EG/Verns 0703-0800*, news about Liberia, Star Radio IDs, "Star Weekly Review" news pgm, news in local languages, vg (Alexander PA 10/28) in EG/Vernaculars 0713-0730, live report from Monrovia via phone call, YL w/"Star Contact", read messages and played taped messages, ID, fair, QRM from V of Indonesia on 9526 (Howard CA 10/30)
- 9635 **SOUTH AFRICA Radio Okapi** relay via Meyerton in FR *0357-0432, OC until instrumental music opening and ID, s/on ancmts 0400, news features w/remote reports, numerous jingle "Okapi" IDs sprinkled throughout, f-g at opening but fading around 0430 (D'Angelo PA 11/8) in FR 0502-0600*, "Okapi" jingles at s/off, f-g (Alexander PA 11/2) in FR 0402, news re Pres Bush and Congo, QRM from stations on 9630 (Hauser OK 10/28)
- 9765 **MADAGASCAR RV of the People** in Vernacular/EG *0400-0455*, s/on w/local music and multi-lang ID ancmts, talk, covered by a strong music loop jammer at 0403 making reception nearly impossible but was able to hear some EG later in the broadcast (Alexander PA 10/27)
- 9825 **SLOVAKIA? Miraya FM Radio** (UN Mission in Sudan) in AR/EG 1456-1505+, t/in to Afro-pop mx, ID "101 Miraya FM", pips, news in EG 1501, covered by DRM signal at 1505 (Alexander PA 10/26) in AR/EG 1450-1601*, Horn of Africa mx, talk - part of it seemed like AR, website, EG talk about AIDS at 1458, ID, then into local language briefly, 4+1 time pips 1500, EG news, stinger and animated talk, group singing 1523-1525, rap-style vocals, best signal for the first 15 minutes or so, then got noisy, heard on subsequent days as well but reception best on 10/25 (Berg MA)
- 11610 **MADAGASCAR RV of the People** in Vernacular *0357-0425, open carrier until sudden on at 0400 with instrumental music, ID, ancmts, news began 0401 and so did a music-type Zimbabwe jammer which dominated the frequency, fair at opening but very poor thereafter (D'Angelo PA 11/9)
- 11690 **SOUTH AFRICA Radio Okapi** relay via Meyerton in FR 0505-0559*, "Okapi" jingles, weak but readable. Not heard in some time (Alexander PA 10/19)
- 11810 **RUSSIA SWR Africa** via Armavir in EG 1802-1830, various news/commentary re Amendment 18 and crackdown on protesters in Zimbabwe, "Hidden Story" program at t/out, f, //12035 (Barbour NH 10/15)

Digital Reception

- 9755D **VATICAN CITY Vatican Radio** in IT 2305, classical music, commentary, IDs, nearly dropout-free with 17-19 dB SNR signal (Schieffelbein MO 10/15)
- 11615D **RUSSIA V of Russia** Moscow in GM 1138, signal on the brink of decoding, 12 dB but only occasional snippets of audio making it through, 17.46 kbps stream (Brandi NJ 11/11)
- 13620D **KUWAIT Radio Kuwait** in AR 1145, conversation w/OM on phone, strong signal, S/N 15-16 dB, 100% intelligible with no dropouts on this 11.64 kbps stream (Brandi NJ 11/11)
- 15275D **ECUADOR HCJB** Quito in GM 1153, sporadic reception of GM program w/GM hymns, about 20% decodable, S/N ratio about 12-13 dB for this 16.58 kbps stereo broadcast; carrier stayed on past program end at 1200, 4 kilowatts transmitter listed (Brandi NJ 11/11)

Ye Olde Editor wishes all NASWA members the very best holidays. A votre sante mes amis .

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Visit our club home page on the World Wide Web at <http://www.naswa.net/>, including the 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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Compiled by Mike Barraclough from station schedules, monitoring observations and reported updates. Updates and corrections are always welcome. Thanks to the following for information used in this publication: Alan Roe, Alexander Yegerov, Allen Dean, Alokesh Gupta, Ashik Eqbal Tokon, Andreas Volk, Daniel Sampson, Daniel Rosensweig, Dmitry Kutesov, Dragan Letik, Edwin Southwell, Glenn Hauser, Ivo Ivanov, John Babbis, Jose Jacob, Jose Romero, Marty Delfin, Michael Murray, Roberto Scaglione, Ron Howard, Shigenori Aoki, Tony Ashar, Wolfgang Bueschel, DX Listening Digest, Hard Core DX, Nagoya DX Circle

Relay sites: a= Ascension, b= Bonaire, c= Sackville Canada, d= Abu Dhabi, D= Delano, e= Espana (Spain), f= WYFR Florida, g= Agat, Guam, h= Havana, H= Horby Sweden, j= Julich Germany, k= Kigali Rwanda, l= Sri Lanka, m=Meyerton, RSA, M= Moybai, Gabon, N=Nauen, Germany o= Bamako Mali, q= Cerrick/Flaake, Albania, r= Russia (various), s= Sines Portugal, S= Singapore, t= Talata, Madagascar, T=Tashkent, u= Skelton/Rampisham UK, v= Taiwan, w= Werchatal Germany, x= Xian/Kashi/Kunming/Urumchi China, y= Yamata Japan

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

AWR AFRICA	2000-2030 Af	15235j
AWR AFRICA	2100-2130 WAF	11955 Moosbrun
KNLS ALASKA	0800-0900 FE	7355
KNLS ALASKA	1000-1100 FE	7355
KNLS ALASKA	1200-1300 FE	7355 9920
KNLS ALASKA	1400-1500 FE	7355
ALBANIA R TIRANA	0145-0200 NA	6115 7245 Tuesday to Sunday
ALBANIA R TIRANA	0230-0300 NA	6115 7425 Tuesday to Sunday
ALBANIA R TIRANA	1845-1900 Eu	6035 7465 Monday to Saturday
ALBANIA R TIRANA	2000-2030 Eu	7465 Monday to Saturday
R NACIONAL ANGOLA	2100-2200 Af	7217
RAE ARGENTINA	0200-0300 NA	11710 Tuesday to Saturday
RAE ARGENTINA	1800-1900 Eu	9690 15345 Monday to Friday
AWR ASIA	1130-1200 EAs	15435g
AWR ASIA	1200-1230 As	15320w
AWR ASIA	1330-1400 SEAs	15275g not Sunday/Wednesday
AWR ASIA	1500-1530 As	11640g
AWR ASIA	1530-1600 As	15225w
AWR ASIA	1600-1630 SAs	11805g
AWR ASIA	1630-1700 SAs	6155g
AWR ASIA	1730-1800 ME	9980g
AWR ASIA	2130-2200 As	11850g
AWR ASIA	2230-2300 As	15320g
HCJB AUSTRALIA	0000-0030 As	15525
HCJB AUSTRALIA	0115-0130 As	15405 Saturday
HCJB AUSTRALIA	0730-0930 Pa	11750
HCJB AUSTRALIA	1000-1130 As	15540
HCJB AUSTRALIA	1130-1200 As	15425 Monday to Saturday (Sunday -1230 and 1245-1300)
HCJB AUSTRALIA	1130-1230 As	15400
RADIO AUSTRALIA	0000-0100 As Pa	9660 12080 13690 15240 15415> 17715 17750 17775 17795
RADIO AUSTRALIA	0100-0200 As Pa	9660 12080 13690 15240 15415 17715 17750 <17775 17795
RADIO AUSTRALIA	0200-0400 As Pa	9660 12080 13690 15240 15415 15515 17750 21725
RADIO AUSTRALIA	0400-0500 As Pa	9660 12080 13690 15240 15415> 15515 17750 21725
RADIO AUSTRALIA	0500-0600 As Pa	9660 12080 13690 15160 15240 15415> 15515 17750
RADIO AUSTRALIA	0600-0700 As Pa	9660 11650 12080 13690 15160 15240 15415> 15515 17750
RADIO AUSTRALIA	0700-0800 As Pa	9660 9710 11650 12080 13630 15160 15240 15415 17750
RADIO AUSTRALIA	0800-0900 As Pa	9580 9590 9710 12080 13630 15415 17750
RADIO AUSTRALIA	0900-1000 As Pa	9580 9590 11880 12080 15415>
RADIO AUSTRALIA	1000-1100 As Pa	9580 9590 11880 12080 15415

RADIO AUSTRALIA	1100-1200	As Pa	5995 6020 9475 9560 9580 9590 11880
RADIO AUSTRALIA	1200-1300	As Pa	6020 9475 9560 9580 9590 11880
RADIO AUSTRALIA	1300-1400	As Pa	6020 9560 9580 9590
RADIO AUSTRALIA	1400-1500	As Pa	5995 6080 7240 9475> 9590 11660>
RADIO AUSTRALIA	1500-1600	As Pa	5995 6080 7240 9475 9590 11660
RADIO AUSTRALIA	1600-1700	As Pa	5995 6080 7240 9475 9580 9710 11660
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 9500 9580 9710 11880
RADIO AUSTRALIA	2000-2100	As Pa	6080* 7240* 9500 11650 11660 11880 12080* *Sat/Sun
RADIO AUSTRALIA	2100-2200	As Pa	9500 9660 11650 11660 11695 12080 13630 15515
RADIO AUSTRALIA	2200-2300	As Pa	11840 13630 15230 15240v 15515 17785 17795
RADIO AUSTRALIA	2300-0000	As Pa	9660 11840 12080 13690 15230 <15240v 15415> 17750 17785 17795

VOICE INT AUSTRALIA	0100-0300	SAs	11790T
VOICE INT AUSTRALIA	0300-0600	SAs	13680T
VOICE INT AUSTRALIA	0600-0900	SAs	15335
VOICE INT AUSTRALIA	0900-1100	SAs	11955
VOICE INT AUSTRALIA	1100-1800	SAs	13635

Weekday schedule:

RADIO AUSTRIA INT	0043-0058	LA	9870 Tuesday to Saturday
RADIO AUSTRIA INT	0113-0128	LA	9870 Tuesday to Friday
RADIO AUSTRIA INT	0143-0158	NA	9870 Tuesday to Saturday
RADIO AUSTRIA INT	1205-1220	As Au	17715 Monday
RADIO AUSTRIA INT	1205-1220	Eu	6155 13730 Monday
RADIO AUSTRIA INT	1215-1230	As Au	17715 Tuesday to Friday
RADIO AUSTRIA INT	1245-1300	As Au	17715 Monday to Friday
RADIO AUSTRIA INT	1245-1300	Eu	6155 13730 Tuesday to Friday
RADIO AUSTRIA INT	1505-1520	NA	13775c Monday
RADIO AUSTRIA INT	1515-1530	NA	13775c Tuesday to Friday
RADIO AUSTRIA INT	1545-1600	NA	13775c Monday to Friday

Weekend schedule:

RADIO AUSTRIA INT	0035-0058	LA	9870 Sunday and Monday
RADIO AUSTRIA INT	0105-0128	LA	9870 Sunday and Monday
RADIO AUSTRIA INT	0133-0156	NA	9870 Sunday and Monday
RADIO AUSTRIA INT	0505-0528	ME	17870 repeated at 0535-0558 Sunday
RADIO AUSTRIA INT	1205-1228	Eu	6155 13730 repeated at 1235-1258 Saturday and Sunday
RADIO AUSTRIA INT	1205-1228	As Au	17715 repeated at 1235-1228 Saturday and Sunday
RADIO AUSTRIA INT	1505-1530	NA	13775c repeated at 1535-1600 Saturday and Sunday

The station also has a short English news bulletin in to Europe at 0609 on 6155.

VOICE OF AZERBAIJAN	1700-1730	ME	6110
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RADIO BANGLADESH	1230-1300	As	7185
RADIO BANGLADESH	1745-1900	Eu	7185

BELARUS RADIO MINSK	2000-2200	Eu	7105 7390 7440
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RADIO BULGARIA	0000-0100	NA	7400 9400
RADIO BULGARIA	0300-0400	NA	7400 9400
RADIO BULGARIA	0730-0800	Eu	7400 9400
RADIO BULGARIA	1230-1300	Eu	11700 15700
RADIO BULGARIA	1830-1900	Eu	7400 9400
RADIO BULGARIA	2200-2300	Eu	7400 9400

RADIO CANADA INT	0000-0057	SEAs	11700x
RADIO CANADA INT	1200-1259	SEAs	9660y 15170y
RADIO CANADA INT	1500-1557	As	11675x 17720x
RADIO CANADA INT	1505-1704	Nam	9515
RADIO CANADA INT	1800-1859	Af	9530w 11765x 13730w 15235u
RADIO CANADA INT	2000-2059	Eu	5850H 7235u 15325
RADIO CANADA INT	2300-0104	Nam	6100 (-0004 Sunday and Monday)

CHINA RADIO INT	0000-0100	NA/As/Eu	6020q 9570q/ 6075 7180 11885 13750 15125 / 9725
CHINA RADIO INT	0100-0200	NA/As/Eu	6020q 9570q 9580h 9790c/ 6075 9470 11870 15125 15785 /9410 9725
CHINA RADIO INT	0200-0300	As	9550 11770 13640
CHINA RADIO INT	0300-0400	NA/As	9690e 9790h/11770 13750 15110 15120 15785
CHINA RADIO INT	0400-0500	NA/As	6020 6080c 9560c 9755g/13750 15120 15785 17730 17855
CHINA RADIO INT	0500-0600	NA/Af/As	6020 6190c 9560c/11710q/11880 15350 15465 17505 17540 17730 17855
CHINA RADIO INT	0600-0700	Af/As	11750q/11870 11880 13660 15140 15350 15465 17505 17540 17710
CHINA RADIO INT	0700-0800	Eu/As	13710q 17490 /11880 13660 15350 15465 17540 17710
CHINA RADIO INT	0800-0900	Eu/As	11785q 13710q 17490 /11620 11880 15350 15465 17540
CHINA RADIO INT	0900-1000	Eu/As	17490/ 11620 15350 17750
CHINA RADIO INT	0900-1100	Pa	15210 17690
CHINA RADIO INT	1000-1100	Eu/NA/As	17490/ 6040c /11610 11635 13590 13620 13720 15190 15210 15350 17690
CHINA RADIO INT	1100-1200	Eu/NA/As	13650q 17490 / 6040c /11750c/ 5955 11650 11660 11795 13590 13645 13720
CHINA RADIO INT	1200-1300	As/Pa	5955 9460 9730 11650 11660 11690 11980 13610 13645 /9760 11760
CHINA RADIO INT	1200-1300	Eu	13650q 13790 17490

CHINA RADIO INT	1300-1400	NA/As/Af	9570h 9650c 15260c/ 5955 9730 9765 9870 11660 11980 13755/17625	Chile
CHINA RADIO INT	1300-1400	Eu/Pa	13610 13790 / 9760 11760	
CHINA RADIO INT	1400-1500	NA/Af/As	13740h 15220c/ 5955 9560 9765 9870 11660 11675 11765 11775	
CHINA RADIO INT	1400-1500	Eu/Af	13610 13710 13790/ 13685M 176300	
CHINA RADIO INT	1500-1600	Eu/Af	11965 13640 / 6100m 13685M 176300	
CHINA RADIO INT	1500-1600	NA/As	13740h/ 5955 7160 7325 9785 9870 11775	
CHINA RADIO INT	1600-1700	Eu/Af	11940 11965 13760 / 6100n 9570 11900	
CHINA RADIO INT	1700-1800	Eu/Af	9695 11940 13760 / 6100n 9570 11900	
CHINA RADIO INT	1800-1900	Eu	9600 11940 13760	
CHINA RADIO INT	1900-2000	Eu/Af	11940 13760/ 7295 9435	
CHINA RADIO INT	2000-2130	Af	11640o 13630o	
CHINA RADIO INT	2000-2100	Eu/Af	5960q 7190 7285q 9600 9800/ 7295 9440	
CHINA RADIO INT	2100-2200	Eu	5960q 7190 7285q 9600 9800	
CHINA RADIO INT	2200-2300	Eu/As	7175r/ 9590	
CHINA RADIO INT	2300-0000	NA/As	5990h 6145c 13680c/ 5915 7180 11690	
VOICE OF CROATIA	0200-0215	Eu NA	6165 9925	
VOICE OF CROATIA	0600-0605	Eu Pa	6165 9470 11610	
VOICE OF CROATIA	1000-1003	Eu	9830	
VOICE OF CROATIA	1600-1615	Eu	6165 Monday to Saturday (Sunday 1600-1605)	
VOICE OF CROATIA	1805-1815	Eu	6165 Monday to Friday (Saturday 1805-1810)	
VOICE OF CROATIA	2215-2230	Eu NA	6165 9925	
CUBA RADIO HAVANA	0100-0500	NA	6000 6060 6180	
CUBA RADIO HAVANA	0500-0700	NA	6000 6060 6180 9550 11760	
CUBA RADIO HAVANA	2030-2130	NA	9505 11760	
CUBA RADIO HAVANA	2300-0000	CAm	9550	
CZECH RADIO PRAGUE	0000-0027	NA	7345 9440	
CZECH RADIO PRAGUE	0100-0127	NA	6200 7345	
CZECH RADIO PRAGUE	0300-0327	NA	7345 9870	
CZECH RADIO PRAGUE	0330-0357	As ME/NA	9445 11600/ 6080c	
CZECH RADIO PRAGUE	0700-0727	Eu	9880 11600	
CZECH RADIO PRAGUE	0900-0929	Eu/As	9880/ 21745	
CZECH RADIO PRAGUE	0900-0927	LA	9955 via WRMI	
CZECH RADIO PRAGUE	1030-1057	Eu	9880 11665	
CZECH RADIO PRAGUE	1300-1329	Eu/As	13580/ 17540	
CZECH RADIO PRAGUE	1400-1427	NA	7385 via WRMI	
CZECH RADIO PRAGUE	1600-1627	Eu/Af	5930/ 17485	
CZECH RADIO PRAGUE	1700-1727	Eu/Af	5930/ 17485	
CZECH RADIO PRAGUE	2000-2027	Eu/As Pa	5930/ 11600	
CZECH RADIO PRAGUE	2130-2157	Al/NA	9410/ 11600	
CZECH RADIO PRAGUE	2230-2257	NA	7345 9415	
EGYPT RADIO CAIRO	0200-0330	NA	7270	
EGYPT RADIO CAIRO	1215-1330	sAs	17835	
EGYPT RADIO CAIRO	1600-1800	Af	11740	
EGYPT RADIO CAIRO	2030-2200	wAf	15375	
EGYPT RADIO CAIRO	2115-2245	Eu	9990	
EGYPT RADIO CAIRO	2300-0030	NA	9460	
EQ GUINEA	0700-1200	Af	15190	
RADIO ETHIOPIA	1600-1700	Af	7165 9560	
RADIO FRANCE INT	0400-0430	eAf	9805 11995 Monday to Friday	
RADIO FRANCE INT	0500-0530	eAf	13680 15160 Monday to Friday	
RADIO FRANCE INT	0600-0630	eAf	11725 15160 17800 Monday to Friday	
RADIO FRANCE INT	0700-0730	wAf	13675 Monday to Friday	
RADIO FRANCE INT	1200-1230	Af	21620	
RADIO FRANCE INT	1600-1700	Af	15160m 15605 17605	
Schedule valid until May 5				
RADIO FRANCE INT	0400-0430	eAf	9805 11995 Monday to Friday	
RADIO FRANCE INT	0500-0530	eAf	13680 15160 Monday to Friday	
RADIO FRANCE INT	0600-0630	eAf	11725 15160 17800 Monday to Friday	
RADIO FRANCE INT	0700-0730	wAf	13675 Monday to Friday	
RADIO FRANCE INT	1200-1230	Af	17800	
RADIO FRANCE INT	1600-1700	Af	15160m 15605 17605	
Schedule valid May 6 to September 1				
RADIO FRANCE INT	0400-0430	eAf	9805 11995 Monday to Friday	
RADIO FRANCE INT	0500-0530	eAf	11995 13680 Monday to Friday	
RADIO FRANCE INT	0600-0630	eAf	9765 15160 17800 Monday to Friday	
RADIO FRANCE INT	0700-0730	wAf	13675	
RADIO FRANCE INT	1200-1230	Af	21620	
RADIO FRANCE INT	1600-1700	Af	15160m 15605 17605	
Schedule valid from September 2				

GERMANY D WELLE	0000-0100	sAs	7245I 13730S 15595r
GERMANY D WELLE	0300-0400	As	11695I 13810d
GERMANY D WELLE	0400-0500	Af	7225u 7245k 12045d 15445I
GERMANY D WELLE	0500-0530	Af	5945s 9700k 9825m
GERMANY D WELLE	0600-0630	Af	7310S 15275k
GERMANY D WELLE	0900-1000	As	15340S 17770I
GERMANY D WELLE	1600-1700	As	6170I 9845I 15620u
GERMANY D WELLE	1900-1930	Af	9895a 11795I 17820s
GERMANY D WELLE	2000-2130	Af	7130k 11795I 11865u 15205u
GERMANY D WELLE	2100-2200	Af	9735u 11865k 15205k
GERMANY FREE PEOPLES MISSION	1630-1700	ME	11640w Saturday
VOICE OF GREECE	0005-0100	Eu NA Af	7475 9420 12105 Monday
VOICE OF GREECE	0300-0400	Eu NA Af	7475* 9420 12105* Monday (*, ends 0350)
VOICE OF GREECE	0700-0800	Eu	12105
VOICE OF GREECE	1105-1200	Eu As Pa	9420 15650 Sunday
KTWR GUAM	0800-0900	Pa	11840 (Saturday -0845)
KTWR GUAM	0805-0900	sAs	15170 Monday to Fridau
KTWR GUAM	1345-1400	sAs	9975
KTWR GUAM	1400-1500	SAs	9975 Monday to Friday (-1430 Thursday and Friday)
R BUDAPEST HUNGARY	0100-0130	NA	6040
R BUDAPEST HUNGARY	0230-0300	NA	6195
R BUDAPEST HUNGARY	1500-1530	Eu	6025 9610 Sunday
R BUDAPEST HUNGARY	1900-1930	Eu	3975 6025
R BUDAPEST HUNGARY	2100-2130	Eu/sAf	6025 9525
AII INDIA RADIO	1000-1100	Pa As	13695 15020 15410 17510 17800 17895
ALL INDIA RADIO	1330-1500	sAs	9690 11620 13710
ALL INDIA RADIO	1745-1945	Eu Af	7410 9445 9950 11620 11935 13605 15075 15155 17670
AII INDIA RADIO	2045-2230	Eu Pa	7410 9445 9910 9950 11620 11715
ALL INDIA RADIO	2245-0045	As	9705 9950 11620 11645 13605
VOICE OF INDONESIA	0200-0300	As Am	9525
VOICE OF INDONESIA	0800-0900	As Am	9525
VOICE OF INDONESIA	2000-2100	Eu	11785
Station changes frequency erratically, uses one of 9525, 11785 and 15150 for its broadcasts.			
VoIR IRAN	0130-0230	NA	6120 7160
VoIR IRAN	1030-1130	seAs	15460 17660
VoIR IRAN	1530-1630	seAs	6160 7330
VoIR IRAN	1930-2030	Eu/Af	6010 6225L 7320/ 9855 11695
IRELAND	1500-2230	Eu	3910 6295 12255 Reflections Europe Sunday
KOL ISRAEL	0330-0345	Eu Am Pa	7530 9345 17600 (11590 replaces 7530 1/5 to 31/8)
KOL ISRAEL	0930-0945	Eu Am	13855 15760
KOL ISRAEL	1730-1745	Eu NA	9345 11590 13675
KOL ISRAEL	1900-1925	Eu Am Af	9400 11590 15640
IRRS	0930-1200	Eu Af	9510
IRRS	1600-1900	Eu Af	7285 Sunday (1600-1830 Friday)
European Gospel Radio, transmitter believed to be in Bulgaria			
RAI ITALY	0055-0115	NA	11800
RAI ITALY	0445-0500	Eu Af	6110 6145 7235
RAI ITALY	1935-1955	Eu	5960 9845
RAI ITALY	2025-2045	Af	5970 11875
RAI ITALY	2205-2230	As FE	11895
RADIO JAPAN	0000-0015	As	13650 17810
RADIO JAPAN	0000-0100	NA	6145c
RADIO JAPAN	0100-0200	ME/As/Am	5960u 17560/ 11780S 15235 15325 17810/ 11935b 17825
RADIO JAPAN	0300-0400	Pa	21610
RADIO JAPAN	0500-0600	Eu/NA/As	5975u 7230u/ 6110c/15195 17810/ 21755 Pa
RADIO JAPAN	0600-0700	Eu/NA/As	7230u/13630 /11715 11740S 11760 15195/ 21755 Pa
RADIO JAPAN	1000-1100	Eu/Af/Pa	17585d/17720d/11890
RADIO JAPAN	1000-1200	As/NA	9695 11730 / 6120c
RADIO JAPAN	1400-1500	As/Pa	7200 11730 /11840I
RADIO JAPAN	1500-1600	As/NA	6190 7200 11730 / 9505
RADIO JAPAN	1700-1800	NA/Eu/Af	9535/ 11970 /15355M
RADIO JAPAN	2100-2200	Eu/Af/NA	6055u 6180u/11855a/17870 / 6035S Pa
RADIO JAPAN regional services	0100-0200	Pa	17685
	0600-0700	Hawaii	17870
	2100-2200	Hawaii	17825

RADIO JORDAN	1300-1630	Eu NA	11690
KOREA KBS WORLD R	0200-0300	LA	15575
KOREA KBS WORLD R	0230-0300	NA	9560c
KOREA KBS WORLD R	0800-0900	As	9570
KOREA KBS WORLD R	1200-1300	NA	9650c
KOREA KBS WORLD R	1300-1400	As	9570 9770
KOREA KBS WORLD R	1600-1700	Eu	9515
KOREA KBS WORLD R	1800-1900	Eu	7275
KOREA KBS WORLD R	2100-2130	Eu	3955u
VO KOREA PYONGYANG	0100-0200	FE/LA	7140 9345 9730/ 11735 13760 15180
VO KOREA PYONGYANG	0200-0300	seAs	13650 15100
VO KOREA PYONGYANG	0300-0400	As	7140 9345 9730
VO KOREA PYONGYANG	1000-1100	seAs/LA	11735 13650/ 11710 15180
VO KOREA PYONGYANG	1300-1400	Eu/NA	13670 15245/ 9335 11710
VO KOREA PYONGYANG	1500-1600	Eu/NA	13670 15245/ 9335 11710
VO KOREA PYONGYANG	1600-1700	ME Af	9990 11545
VO KOREA PYONGYANG	1800-1900	Eu	13670 15245
VO KOREA PYONGYANG	1900-2000	ME Af	7100 9975 11535 11910
VO KOREA PYONGYANG	2100-2200	Eu	13670 15245
LAOS LNR Vientiane	0600-0630	As	7145
LAOS LNR Vientiane	1330-1405	As	7145
LATVIA Latvia Today	0700-0800	Eu	9290 Saturday
Repeated Sunday afternoon	UTC, time	varies depending on other bookings	
LIBYA VO AFRICA	1400-1600	Af	17870 21695
LITHUANIA R VILNIUS	0030-0100	NA	11690
LITHUANIA R VILNIUS	0830-0900	Eu	9710
LITHUANIA R VILNIUS	2330-0000	NA	9875
VOICE OF MALAYSIA	0600-0830	As/Pa	6175 9750 15295.
MOLDOVA	1700-1720	Eu	7370 Radio Pridnestrovye Monday to Thursday
MOLDOVA	1700-1740	Eu	7370 Radio Pridnestrovye Friday
Additional English service introduced from 2300 on 6240 at deadline, full schedule yet to be determined.			
VOICE OF MONGOLIA	1000-1030	As	12085
TWR MONTE CARLO	0700-0820	Eu	9800 11865q (Saturday 0715-0750, Sunday 0645-0820)
RADIO NEPAL	0215-0230	As	5005
RADIO NEPAL	1415-1425	As	5005
RADIO NETHERLANDS	0000-0200	NA	9845b
RADIO NETHERLANDS	0400-0500	NA	6165b
RADIO NETHERLANDS	0600-0800	Pa	9700b
RADIO NETHERLANDS	1000-1100	As Pa	12065r 13710r 13820r
RADIO NETHERLANDS	1100-1200	NA	11675b
RADIO NETHERLANDS	1400-1600	As Pa	9345T 9890T 11835t
RADIO NETHERLANDS	1800-1900	Af	6020t 7125t 11655t
RADIO NETHERLANDS	1900-2000	Af	5905t 7115t 11655 17810b
RADIO NETHERLANDS	1900-2100	NA	15315b 17660c 17735b Saturday and Sunday
RADIO NETHERLANDS	2000-2100	Af	5905t 7115t 17810b
RADIO NEW ZEALAND	0459-0658	Pa	9615
RADIO NEW ZEALAND	0659-1058	Pa	6095
RADIO NEW ZEALAND	1059-1258	Pa	9870
RADIO NEW ZEALAND	1300-1850	Pa	6095
RADIO NEW ZEALAND	1851-1950	Pa	11725
RADIO NEW ZEALAND	1951-2358	Pa	15720
RADIO NEW ZEALAND	2358-0458	Pa	13730
VOICE OF NIGERIA	0500-0700	Eu	15120
VOICE OF NIGERIA	1000-1500	Eu	15120
VOICE OF NIGERIA	1700-1900	Eu	15120
VOICE OF NIGERIA	1900-2100	Af	7255
RADIO OMAN	1400-1500	Eu	15140
RADIO PAKISTAN	0045-0115	sAs	9340
RADIO PAKISTAN	0730-0830	Eu	15100 17835 also 1100-1104
RADIO PAKISTAN	1600-1615	Af ME	9380 11550 11570
RADIO PILIPINAS	0200-0330	As	11880 15285 15510
RADIO PILIPINAS	1730-1930	As	9380 11720 15190
PHILIPPINES FEBC	1000-1030	As	15325

POLAND R POLONIA	1200-1300	Eu NA	9525w 11850N
POLAND R POLONIA	1700-1800	Eu	7140J 7265w
RADIO ROMANIA INT	0000-0100	NA	9775 11790
RADIO ROMANIA INT	0300-0400	NA SAs	6150 9645 11895 15220
RADIO ROMANIA INT	0530-0600	Eu Pa	9655 11830 15435 17770
RADIO ROMANIA INT	1200-1300	Eu	11875 15220
RADIO ROMANIA INT	1700-1800	Eu	9635 11735
RADIO ROMANIA INT	2030-2100	Eu NA	9515 11810 11940 15465
RADIO ROMANIA INT	2200-2300	Eu NA	7185 9675 9790 11940
VOICE OF RUSSIA	0100-0200	NA	7250 9665 13775
VOICE OF RUSSIA	0200-0300	Eu/NA	9665 9860 13635 13775
VOICE OF RUSSIA	0300-0400	Eu/NA	9435 9515 9665 9860 9880 12065 13635 13775
VOICE OF RUSSIA	0400-0500	NA	9435 9515 9860 9880 13635 13775
VOICE OF RUSSIA	0500-0700	Pa	17635 21790
VOICE OF RUSSIA	0700-0900	Pa	17495 17635 21790
VOICE OF RUSSIA	1400-1500	As	6045 7165 9745 11755 15605 15660
VOICE OF RUSSIA	1500-1600	Eu/As	7370 /4965 4975 9625 9660 11985
VOICE OF RUSSIA	1600-1700	Eu/Af	7370 9890/ 11985 15540
VOICE OF RUSSIA	1600-1700	As	6070 7350 9405 11985 12055 12115 15540
VOICE OF RUSSIA	1700-1800	Eu/Af	7370 9820* 9890/ 9850 11510 11985 *Sat,Sun only
VOICE OF RUSSIA	1700-1800	As	7350 9405
VOICE OF RUSSIA	1800-1900	Eu/Af	7370 9890 11630/ 9745 9850 11510
VOICE OF RUSSIA	1900-2000	Eu	7195 7310 9890 12070
VOICE OF RUSSIA	2000-2100	Eu/LA	9890 12070
From August 1st 5900 replaces 9880 0300-0500 to North America.			
European evening broadcasts from September 1st are:			
VOICE OF RUSSIA	1500-1600	Eu	7370 9810
VOICE OF RUSSIA	1600-1700	Eu	7370 9890
VOICE OF RUSSIA	1700-1800	Eu	7320* 7370 9820* 9890 *Sat,Sun only
VOICE OF RUSSIA	1800-1900	Eu	7370 9480 9890
VOICE OF RUSSIA	1900-2000	Eu	7195 7310 9890
VOICE OF RUSSIA	2000-2100	Eu	7195 9890
S ARABIA R RIYADH	1000-1230	As Eu	15250
INT RADIO SERBIA	1300-1330	Eu	7240
INT RADIO SERBIA	1830-1900	Eu	7240
RADIO SINGAPORE INT	1100-1400	As	6080 6150
RADIO SLOVAKIA INT	0100-0130	N&SA	5930 9440
RADIO SLOVAKIA INT	0700-0730	Pa	9440 15460
RADIO SLOVAKIA INT	1630-1700	Eu	5920 6055
RADIO SLOVAKIA INT	1830-1900	Eu	5920 7345
S AFRICA CHANNEL AF	0300-0400	Af	3345 5960
S AFRICA CHANNEL AF	0400-0500	Af	3345 7310
S AFRICA CHANNEL AF	0500-0600	Af	7240 9685
S AFRICA CHANNEL AF	0600-0700	Af	7240 15255
S AFRICA CHANNEL AF	0700-0800	Af	7240
S AFRICA CHANNEL AF	0800-1200	Af	9620
S AFRICA CHANNEL AF	1400-1500	Af	9620
S AFRICA CHANNEL AF	1500-1600	Af	9620 17770
S AFRICA CHANNEL AF	1700-1800	Af	15235
S AFRICA CHANNEL AF	2000-2200	Af	3345
S AFRICA R LEAGUE	0800-0900	sAf/cAf	7205 17695 Sunday
S AFRICA R LEAGUE	1900-2000	sAf	3215 Monday
REE SPAIN	0000-0059	NA	6055
REE SPAIN	2000-2059	Eu Af	9665 11625 Monday to Friday
REE SPAIN	2100-2159	Eu Af	9840 11625 Saturday and Sunday
SLBC SRI LANKA	0100-0430	As	6005 9770 15745 (Sunday -0515)
SLBC SRI LANKA	1330-1530	As	7300 9770 11905 Hindi and English service
SWAZILAND TWR	0430-0500	Af	3200 4775 Monday to Friday
SWAZILAND TWR	0500-0800	Af	3200 4775 9500
SWAZILAND TWR	0600-0645	Af	11640m (-0615 Saturday and Sunday)
SWAZILAND TWR	0800-0900	Af	3200 6120 9500
SWAZILAND TWR	1700-2030	Af	3200
SWAZILAND TWR	1730-1900	Af	9500
RADIO SWEDEN	0130-0200	NA AsPa	6010c 11675t
RADIO SWEDEN	0230-0300	NA	6010c
RADIO SWEDEN	1230-1300	EuAfNA	13580 15240 15735
RADIO SWEDEN	1330-1400	EuAfAsPa	15735
RADIO SWEDEN	1330-1400	NA	15240c

RADIO SWEDEN	1730-1800	Eu Af	6065
RADIO SWEDEN	1930-2000	Eu Pa	6065
RADIO SWEDEN	2130-2200	Eu Af Pa	6065 7420t
SWEDEN IBRA RADIO	1500-1545	As	7340r
SWEDEN IBRA RADIO	1645-1700	As	9830r Friday
SYRIA R DAMASCUS	2005-2205	Eu NA	9330 12085
R TAIWAN INT	0100-0200	As	11875 15465
R TAIWAN INT	0200-0300	NA	5950f 9680f
R TAIWAN INT	0300-0400	NA/LA/As	5950f/15215f/15320
R TAIWAN INT	0700-0800	NA	5950f
R TAIWAN INT	0800-0900	SEAs	9610
R TAIWAN INT	1100-1200	SEAs	7445
R TAIWAN INT	1400-1500	SEAs	15265
R TAIWAN INT	1600-1700	As	11550 11600(-5 May, from 2 Sep) 15515(6 May-1 Sep)
R TAIWAN INT	1700-1800	Af	15690 Issoudun, France
R TAIWAN INT	1800-1900	Eu	3965 Issoudun, France
R TAIWAN INT	2200-2300	Eu	15600f
RADIO TAJIKISTAN	0345-0400	ME	7245
RADIO TAJIKISTAN	1645-1700	ME	7245
RADIO THAILAND	0000-0030	Af	9570
RADIO THAILAND	0030-0100	eCNA	5890 Greenville
RADIO THAILAND	0200-0230	wCNA	5890 Delano
RADIO THAILAND	0530-0600	Eu	17655
RADIO THAILAND	1230-1300	As Pa	9835
RADIO THAILAND	1400-1430	As Pa	9805
RADIO THAILAND	1900-2000	Eu	7155
RADIO THAILAND	2030-2045	Eu	9680
VOICE OF TURKEY	0300-0350	Eu NA/As	5975/ 7270
VOICE OF TURKEY	1230-1320	Eu/AsPa	13685 15450
VOICE OF TURKEY	1830-1920	Eu	9785
VOICE OF TURKEY	2030-2120	As Pa	7170
VOICE OF TURKEY	2200-2250	Eu NA	6195
UK BIBLE VOICE	0000-0200	Iraq	6140w
UK BROADCASTING	0030-0100	SEAs	9620w Friday, Saturday, Sunday
UK NETWORK	0700-0845	WEu	5945w Sunday (0700-0800 Friday, 0700-0815 Sat)
UK	0815-0845	Weu	9655w Saturday
UK	1015-1045	Korea	5910r Sunday
UK	1100-1200	China	5945r Saturday and Sunday(1115-1130 Mon-Fri)
UK	1400-1500	SEAs	15680w Saturday and Sunday
UK	1500-1530	SEAs	13840w Tuesday, Saturday
UK	1515-1600	SEAs	15680j Saturday (1530-1600 Monday, Thursday)
UK	1530-1730	ME	13590j Sunday (1540-1600 Mon, 1540-1715 Tue, 1540-1615 Wed, 1540-1645 Th, 1540-1615 & 1730-1800 Fri, 1545-1730 & 1800-1830 Sat)
UK	1630-1800	ME	9430w Sunday (1700-1800 Saturday)
UK	1700-1800	ME	11945 via Flevo
UK	1800-1815	Iran	11875j Saturday
UK	1800-1845	EEu	6060j Saturday (1800-1830, 1900-1930 Sunday)
UK	1800-1900	ME	9430w Sat and Sun via Nauen (1830-1900 Friday)
UK	1915-2000	Af	9775w Sunday (1900 1930 Saturday)
UK CHRISTIAN VOICE	0500-0600	WAF	9430w
UK	0600-0900	WAF	15640w
UK	1500-1800	WAF	15715w
UK	1800-2100	WAF	13820w
Schedule valid till May 31st			
UK FAR EAST BC ASSOCIATION	1400-1415	SEAs	9500r
UK FAR EAST BC ASSOCIATION	1415-1445	SEAs	12025d Monday (1430-1445 Tue, Wed, Fri)
Alokesh Gupta			
RADIO UKRAINE INT	0000-0100	NA	7440
RADIO UKRAINE INT	0300-0400	NA	7440
RADIO UKRAINE INT	0500-0600	Eu	9945
RADIO UKRAINE INT	0700-0800	Eu	9945
RADIO UKRAINE INT	1100-1200	Eu	15675
RADIO UKRAINE INT	1400-1500	Eu	7530
RADIO UKRAINE INT	1900-2000	Eu	7490
RADIO UKRAINE INT	2100-2200	Eu	7510
From September 24 5820 is used at 0000 & 0300, 9950 at 1100 and 5830 at 2100.			
UNITED NATIONS	1730-1745	Af	7130m 15495u 17810a Monday to Friday

UNIVERSAL LIFE	1300-1330		15750 via IRRS Sunday
USA KAIJ	0100-1300	NA FE	5755
USA KAIJ	1300-0100	NA FE	9480
USA KJES	0200-0330	NA	7555
USA KJES	1400-1600	NA	11715
USA KJES	1900-2000	Pa CAm	15385
USA KTBN	0100-1400	NA	7505
USA KTBN	1400-0100	NA	15590
USA KWHR	0100-0500	As	17655
USA KWHR	0500-0800	As	11565 13650
USA KWHR	0800-1100	As	9930 11565
USA KWHR	1100-1200	As	9930
USA KWHR	1200-1400	As	12130
USA KWHR	1400-1800	As	9930
USA OVERCOMER	0800-0900	Pa	11700w Saturday and Sunday
USA MINISTRY	1100-1200	Eu ME	6110j Sunday
USA	1200-1500	Eu ME	6110j
USA	1400-1600	ME	13810j
USA	1900-2000	Eu	6175N
USA PAN AMERICAN	0030-0045	SEAs	9640w Sunday
USA BROADCASTING	1400-1415	ME	15205N Saturday and Sunday
USA	1415-1430	SEAs	15205N (-1445 Sunday)
USA	1430-1445	SEAs	15650j Sunday
USA	1600-1630	ME	13830j Thursday and Sunday
USA	1930-2030	ME	9430w Saturday (Friday 2000-2030, Sunday 1930-2015)
USA UNIVERSITY NETWORK	0000-1200	NA	5030 6150 7375 9725 Costa Rica
GENE	1200-2400	NA	9725 11870 13750 Costa Rica
SCOTT	1000-2200	NA	11775 Anguilla
	2200-1000	NA	6090 Anguilla
USA VOA	1400-1500	Eu ME	15195 17895
USA VOA	1500-1600	Eu ME	15195 15445
USA VOA	0300-0400	Af	4930 6080 <7340 9885 12080 15580
USA VOA	0400-0500	Af	4930 4960 6080 9575 <9885 11835 12080 15580
USA VOA	0500-0600	Af	4930 6080 6180 12080 15580
USA VOA	0600-0700	Af	6080 6180 12080 15580
USA VOA	1400-1500	Af	4930 6080 13570 15580 17685
USA VOA	1500-1600	Af	4930 6080 13570 15580 17895
USA VOA	1600-1700	Af	4930 6080 15580
USA VOA	1700-1800	Af	4930* 6080 15410 15580> *Sat, Sun
USA VOA	1800-1900	Af	4930> 6080 15410 15580 17895 (Sat, Sun 909 and 4930 from 1800)
USA VOA	1900-2000	Af	4930 4940 6080 11975 15410 15445 15580 17895
USA VOA	2000-2030	Af	4930 4940 6080 15445 15580
USA VOA	2030-2100	Af	4930 4940* 6080 15445 15580 *Sat, Sun
USA VOA	2100-2200	Af	6080 15580
USA VOA	2030-0030	Afghanistan	7555
USA VOA	0100-0200	FE SAs Pa	7430 9600 1170
USA VOA	1200-1300	FE SAs Pa	6140 9645 9760 11680
USA VOA	1300-1400	FE SAs Pa	9645 9760
USA VOA	1400-1500	FE SAs Pa	7125 9760 15185
USA VOA	1500-1600	FE SAs Pa	7125 12150 13735 15105
USA VOA	2200-0000	FE SAs Pa	7215 9415 11725 15185
USA VOA	1730-1800	Zimbabwe	4930 13755 15775 Monday to Friday
USA WBCQ	1700-2300	NA	18910 (Sunday 1300-2100, -2330 Wed, -2200 Sat, also 0000-0100 UT Saturday)
USA WBCQ	1400-0400	NA	9330 (Sat 1400-0300, Sun 1400-0330)
USA WBCQ	1800-0430	NA	7415 (Sat 1800-0700, Sun 1800-0445)
USA WBCQ	2300-1000	NA	5110
USA WBOH	0000-2400	NA	5920 Spanish and English
USA WEWN	0000-0500	NA Eu	5010 5810
USA WEWN	0500-0600	NA	5850
USA WEWN	0600-0900	NA Eu	5850 7570
USA WEWN	0900-1400	NA	5850
USA WEWN	1400-1600	NA	9955
USA WEWN	1600-1700	NA	9450
USA WEWN	1700-2000	NA Eu	9450 15390
USA WEWN	2000-2200	NA Eu	9450 15220
USA WEWN	2200-0000	NA Eu	9975 15745
USA WHRI	0000-0100	EuAf NA	5850 7315 7490
USA WHRI	0300-0400	EuAf NA	5835(Mon-Fri) 5850 7315(Sat,Sun) 7490
USA WHRI	0400-0500	EuAf NA	5835(Mon-Fri) 5850 7315(Sat,Sun) 7355

USA WHRI	0500-0600	EuAf NA	5835(Mon-Fri) 6145 7315(Sat,Sun) 7355
USA WHRI	0600-0700	EuAf NA	7335 7365 7490
USA WHRI	0700-0800	EuAf NA	7335 7365
USA WHRI	0800-1100	EuAf NA	7315 7335
USA WHRI	1100-1200	EuAf NA	6095 9660
USA WHRI	1200-1300	EuAf NA	9495 9660 17650
USA WHRI	1300-1400	EuAf NA	9495 9840 11785(Sa,Sun) 17650
USA WHRI	1400-1600	EuAf NA	9840 11785 17650
USA WHRI	1600-1700	EuAf NA	9840 11960 17640
USA WHRI	1700-1900	EuAf NA	9840 11960 15705
USA WHRI	1900-2000	EuAf NA	9840 13710 17650
USA WHRI	2000-2100	EuAf NA	7400(Mon-Fri) 9840(Sat,Su) 11885(Sat,Sun)13760(Mon-Fri)17650
USA WHRI	2100-2200	EuAf NA	7400(Mon-Fri) 9840(Sat,Su) 11885(Sat,Su) 13640 13670(Mon-Fri)
USA WHRI	2200-2300	EuAf NA	7490(Sun) 9515(Mon-Fr) 11885 13640
USA WHRI	2300-0000	EuAf NA	7315 7490(Sun) 7520 9515(Mon-Sat)

USA WINB	1100-1300	NA	9265
USA WINB	1300-2300	NA	13570
USA WINB	2300-0400	NA	9265

USA WMLK	1600-2100	Eu ME	9265 Monday to Saturday
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USA WRMI	0000-0400	NA	7385 Tuesday to Saturday
USA WRMI	0400-1400	LA	9955 (from 0000 Sunday, Monday, some Spanish programming)
USA WRMI	1400-1600	NA	7385
USA WRMI	2100-2200	NA	7385

USA WTJC	0000-2400	NA	9370
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USA WWCR	0000-0100	NA	3215 5070 7465 13845
USA WWCR	0100-0300	NA	3215 5070 5935 7465
USA WWCR	0300-0900	NA	3215 5070 5765 5935
USA WWCR	0900-1000	NA	5070 5765 5935 9985
USA WWCR	1000-1200	NA	5070 5765 5935 15825
USA WWCR	1200-1400	NA	5765 9985 13845 15825
USA WWCR	1400-1800	NA	9985 12160 13845 15825
USA WWCR	1800-2200	NA	9975 12160 13845 15825
USA WWCR	2200-0000	NA	5070 7465 9985 13845

This schedule is valid to 31st May and from 1st September (except 12160 runs to 2300)

USA WWCR	0000-0100	NA	3215 5070 9985 13845
USA WWCR	0100-0200	NA	3215 5070 5765 13845
USA WWCR	0200-0900	NA	3215 5070 5765 5935
USA WWCR	0900-1000	NA	5070 5765 5935 9985
USA WWCR	1000-1100	NA	5070 5765 5935 15825
USA WWCR	1100-1200	NA	5070 5935 7465 15825
USA WWCR	1200-1400	NA	7465 9985 13845 15825
USA WWCR	1400-1800	NA	9985 12160 13845 15825
USA WWCR	1800-2200	NA	9975 12160 13845 15825
USA WWCR	2200-2300	NA	7465 9985 12160 13845
USA WWCR	2300-0000	NA	5070 7465 9985 13845

This schedule is valid from 1st June to 31st August

USA WWRB	0000-0500	NA	3185 5050 5745 6890
USA WWRB	0500-1200	NA	3185
USA WWRB	1200-1300	3185 6890	
USA WWRB	1300-1500	NA	6890 9385
USA WWRB	1600-1700	NA	9385 9430
USA WWRB	1700-2300	NA Eu Af	9385 9430 11915 15250
USA WWRB	2300-0000	NA	6890

Schedule subject to daily variations.

USA WYFR	0000-0100	NA/LA	6065 9505 /11835 17805
USA WYFR	0100-0200	NA	6065 9505
USA WYFR	0100-0200	As	15195v
USA WYFR	0200-0300	NA/LA	6065 9505 / 5985 11835 11855
USA WYFR	0300-0400	NA/LA	6065 9505/ 11740 15255
USA WYFR	0400-0500	Eu/NA/LA	7780/ 6065 6855 9505 / 9715
USA WYFR	0500-0600	Eu/NA	9355/ 6855
USA WYFR	0600-0700	NA/LA	9680/ 6000
USA WYFR	0600-0700	Eu/Af	7780 11580/ 11530
USA WYFR	0700-0800	Eu/NA/Af	7780/ 5985 6855 9505 9715/ 9930
USA WYFR	0800-0900	NA/Af	5950 5985 6855/ 9930
USA WYFR	0900-1100	As	9450r
USA WYFR	0900-1000	NA	5985 6855 9755
USA WYFR	1000-1100	NA	5950 5985 6855 9755
USA WYFR	1100-1200	NA/LA	5950 5985 9755/ 7780 9550 9625
USA WYFR	1200-1300	NA/LA	5950 5985 9755 17750/ 17555
USA WYFR	1300-1400	NA	11830 11865 11910 17750
USA WYFR	1300-1500	As	11520v 11560v 11895r 13670w

USA WYFR	1400-1500	As	7320r 9865r 12150r
USA WYFR	1400-1500	NA	11830 11910 13695 17750
USA WYFR	1500-1600	NA/LA	11830 11910 17750/ 15770
USA WYFR	1500-1600	As/Af	6280v 7320r 15520d/15750w
USA WYFR	1600-1700	NA	6085 11830 11865 13695 17750
USA WYFR	1600-1700	As	11850d
USA WYFR	1600-1700	Eu/Af	18980 21455/ 21525
USA WYFR	1700-1800	NA	13690 17795
USA WYFR	1700-1800	Eu/Af	18980 21455 21680a
USA WYFR	1800-1900	Eu/Af/As	3955u 18980/ 7395t 15750w 17535/ 7240r 13780u 15750w
USA WYFR	1800-1900	NA	13690 13800 17795
USA WYFR	1900-2000	Eu/Af	9840d 18930 18980/ 3230m 6020t 7395t 17845
USA WYFR	1900-2000	NA	6085 13690 13800 17795
USA WYFR	2000-2100	Eu/Af	12060r 17750 18980/3230m 6020t 15195a 17845
USA WYFR	2000-2200	NA/LA	13800 17795/ 17725
USA WYFR	2100-2200	Eu/Af	11565 12060r 18980/ 6045m 11875a(from 2115) 17845
USA WYFR	2200-2300	Af	11875a(to 2315) 15770
USA WYFR	2200-2300	NA	11740
USA WYFR	2300-0000	NA/LA	11740/ 15255 17750

VATICAN RADIO	0140-0200	As Pa	5915 7335
VATICAN RADIO	0250-0320	NA	6040 7305
VATICAN RADIO	0300-0320	As	15560
VATICAN RADIO	0300-0330	Af	9660
VATICAN RADIO	0500-0520	Eu	4005 7250
VATICAN RADIO	0500-0530	Af	9660 11625 13765
VATICAN RADIO	0630-0700	Af	11625 13765 15570
VATICAN RADIO	0630-0645	EuAsPaAf	4005 5885 6185 7250 9645 11740 15595
VATICAN RADIO	1130-1200	Af AsPa	15595 17765
VATICAN RADIO	1530-1600	As Pa	12065 13765 15235
VATICAN RADIO	1615-1630	EuAsPaAf	4005 7250 9645 15595
VATICAN RADIO	1730-1800	Af	11625 13765 15570
VATICAN RADIO	1950-2020	Eu	4005 5885 7250 9645
VATICAN RADIO	2000-2030	Af	7365 9755 11625

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
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
VOICE OF VIETNAM	1500-1530	SEAs	7285 9840
VOICE OF VIETNAM	1600-1630	Eu SEAs	7220 7280 9550 9730
VOICE OF VIETNAM	1700-1730	Eu	9725 Moosbrun
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	0500-0600	Waf	9430
ZAMBIA CHRISTIAN V	0600-0900	Waf	13650
ZAMBIA CHRISTIAN V	0600-1500	Af	6065
ZAMBIA CHRISTIAN V	0900-1500	Waf	13590
ZAMBIA CHRISTIAN V	1500-0600	Af	4965
ZAMBIA CHRISTIAN V	1500-1800	Waf	15715
ZAMBIA CHRISTIAN V	1800-2100	Waf	5940

Broadcasts to West Africa commence on June 1

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