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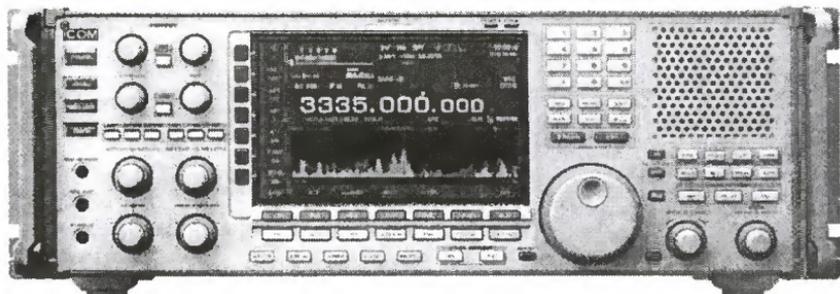
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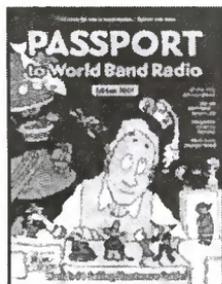


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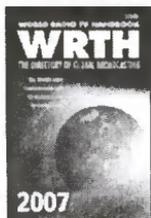


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NASA Notes

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

Happy New Year everybody. Welcome to 2007 and another great year for shortwave listening and DXing. I hope many of you had time to listen over the holiday break. I took some time off and managed a little extra listening. I understand that the sunspot cycle should be bottoming out real soon and then the slow progression upward will begin. Hopefully, we will see a noticeable improvement in shortwave listening conditions.

The Association of International Broadcasting (AIB) announced the winners of its second annual global awards in London on 22 November 2006. The event was attended by senior executives, producers and journalists from television and radio from five continents. The AIB Awards were judged by international panels from the broadcasting industry and are the only celebration of success that exclusively focuses on international, cross-border broadcasting. There were nine categories of the 2006 AIB Awards: (1) Best Coverage of a Single News Event—Radio: BBC World Service for South Asian Earthquake which was described by the judges as “most impressive in every respect”; (2) Best Coverage of a Single News Event—Television: Sky News for London bombings; (3) Best Magazine or Documentary Program—Television: Al Jazeera Channel for Prisoner 345; (4) Best Magazine or Documentary Program—Radio: BBC World Service for *Assignment—Return to Sarajevo*; (5) Most Innovative Use of Technology: Link Research for Link HD which the judges described as “the future for news and sports coverage”; (6) International Channel of the Year—Television: BBC World; (7) International Channel of the Year—Radio: sw Radio Africa described by the judges as “brave, an excellent independent alterna-

tive to Zimbabwe’s state media”; (8) International Presenter of the Year—Television: **Simon Hobbs** of CNBC Europe; and finally, (9) International Presenter of the Year—Radio: **Doug Bernard** of Voice of America’s *Talk to America* program described by the judges as “intelligent presentation and questioning, very polished, with a smile in his voice.” Congratulations to Doug Bernard of the VOA. Our own **Kim Andrew Elliott** has appeared numerous times on *Talk to America* and on one occasion I was invited to appear! Also, it was nice to see a “clandestine” radio station recognized by



Doug Bernard hosting Voice of America’s award winning program *Talk To America*.

the international panel for its work, Radio SW Africa, which has been featured in the Shortwave Center. Finally, the BBC continues to develop excellent programming which was reflected in three major awards.

The special Radio St. Helena Day broadcast is in the history books but the pleasant memories of this exceptional event remain. Organized by **Robert Kipp** in Germany, the “Revive Radio St. Helena Day” project was faced with the challenge of raising funds in an effort to restore a shortwave transmitter on St. Helena Islands. The “Revive Radio St.

Our Motto: Unity & Friendship

Helena Day" project was totally dependent upon generous donations from all Friends of St. Helena. Although the broadcast was a huge success, fundraising efforts were not as successful. However, it is not too late to help pay down the debt that returned Radio St. Helena to the shortwave bands with its annual "day." Monetary donations in US dollars by check, cash, or money order can be sent payable to: Radio St. Helena Fund, c/o **Richard A. D'Angelo**, 2216 Burkey Drive, Wyomissing, PA, 19610, U.S.A. Over the next few months, QSLs should be arriving. Come late October or early November another Radio St. Helena Day broadcast should excite the bands once again. If you have not already done so, please contribute. Thanks!

Please welcome back to the editorial team **Ray Bauernhuber** who will be assisting *Shortwave Center* Editor **John Figliozzi** with the column. It is nice to have Ray back as a member of the editorial staff. John and Ray look forward to your contributions to the *Shortwave Center*. Small news items as well as major articles and anything in between will gladly be accepted. I know a lot more of you are capable of sharing news and information about our shortwave listening hobby so please consider writing for your club and sharing with other members. When traveling with a shortwave portable to foreign lands, why not write about your travel and listening experiences.

If you have an interest in shortwave technology development and Internet access, a new group for discussion of Digital Radio Mondiale (DRM) broadcasting in North America has been formed (<http://groups.yahoo.com/group/drmna/>). Membership requires signing up. Although members may be from anywhere around the globe, the discussion should revolve around programming and reception issues of those living in Canada, USA and Mexico. Other welcome topics include hardware, software, antennas, theory, etc. There has been a lot of interest in DRM related activities and this is an excellent way to stay on top of breaking developments in North America.

The 39th annual Conference of the European DX Council (EDXC) was held in St. Petersburg,

Russia on late October. Seventy people from twelve different countries attended the event at the State Regional Education Centre of the Federal Agency for Atomic Power. The conference was organized by the new Secretary-General, Tibor Szilagyi and the St. Petersburg DX Club. The agenda included 14 lectures/presentations. The next EDXC Conference is scheduled for 1-4 November 2007 in Lugano, Switzerland.

The International Telecommunications Union (ITU) held a showcase meeting in Bulgaria from 3-6 December featuring telecommunications equipment. This was a landmark event for Bulgaria which expects to become a member of the European Union in 2007. **Hamadoun I. Touré** of Mali was elected to a four year term as Secretary-General of the ITU with **Houlin Zhao** of China elected as Deputy Secretary-General.

Did you order your copy of **Ian McFarland's** 2-CD *Shortwave Idents Series*? You may remember this from Radio Canada International's popular *swi. Digest* program. The *Shortwave Station Identifications & Interval Signals Series* that was featured on this award winning program featured over 100 identification and interval signals from shortwave stations around the world. Many of the identification signals heard in that long running series are no longer on the air. If you feel nostalgic about the "good old days" of shortwave listening or just like collecting anything shortwave related you will be interested to know that this unique series is now available in an autographed two CD set. I have thoroughly enjoyed my copy which is a great listening experience. The CDs are fully indexable and come with a hard copy listing all of these 100+ identification signals. The cost of this 2 CD set includes first class or airmail postage to anywhere in the world. Send you name, address and Cdn\$10.00 to addresses in Canada; US\$12.00 to addresses in the USA; and US\$13.00 or 13.00 Euros to all other countries. Personal checks or money orders are accepted from Canada & the USA but only Money Orders for orders from all other countries. Send your order to: **Ian McFarland**, 6667 Beaumont Avenue, Duncan, BC V9L 5X8, Canada. The net proceeds from the sale of these CDs

are being donated to the local Food Bank in Duncan, British Columbia. I received my copy shortly after last month's deadline. It is an outstanding collection of shortwave listening history that is worth the investment.

Don't forget the new CD compilation of the *WRTH* covering the years 1959-1970 developed by **Michael Schmitz** of the *ADDX* club. The CDs are in searchable PDF format and contain a complete high quality copy of the entire contents of the original volumes. They are available from 1 January, 2007 at US\$60.00. Also, they are offering a special offer of **both** CDs (the original 1947-1958 CD) for a fixed price of US\$99.00. All prices include shipping. To order the *WRTH* CDs make your check or money order payable to "NASWA Company Store" and send your order to: NASWA Company Store, c/o **Mike Wolfson**, 1842 Mifflin Ave., Ashland, Ohio 44805. I now have both CDs and frequently refer to the contents. This is a great item to add to your collection of shortwave radio stuff.

We are in the midst of the winter DX season and things are looking up for some quality listening. With the club's electronic *Flashsheet* in your hands each week you will be up to date with news and information about the DX scene. 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. Let's keep Mark busy in 2007!

Please remember to direct all communications about subscriptions, bulletin delivery issues, Valentine Day 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 Wyomingissing only slow down the process. Thanks!

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

FRENDX: Twenty-Five Years Ago (January 1982)

In Headquarters, Bill Oliver noted the formation of the United States DX Association which was the result of a merger of three established clubs: The Southern DX Association, Atlantic States DX Association and the Association of Illinois DXers. In John Moritz' *Shortwave Center* Robert Fraser wrote "Hawaii Calls", Dr. S. David Klein wrote "How I DX", and David Maxfield provided "Index to *Shortwave Center*—1981." Bill Taylor's *Vintage Vignettes* talked about early broadcasting history. Sam Barto noted in the *QSL Report* column that 109 countries were reported. *Log Report c* was lost in the mail so it was missing from *Frendx*. 

Calendar Of Events

- Jan 12 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.
- Jan 12 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/>
- Feb 10 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meets at the Lebanon Citizens' National Bank (LCNB), 425 West Central Avenue (Ohio 73), Springboro, Ohio at 7:00 PM. For more information contact Mark Meece at 937-743-8089 or e-mail at <antennapig@siscom.net>. For additional information about MONIX, check out their web site at <<http://www.siscom.net/~numeece/monix.html>>
- Mar 8-10, 2007 Convention. The 20th Annual Winter SWL Festival**, sponsored by NASWA, will be held at the *Best Western—The Inn at Towamencin*. JThe 20th Annual Winter SWL Festival, sponsored by NASWA, will be held at the Best Western —The Inn at Towamencin on 8th, 9th and 10th March 2007. Join us for this 20th anniversary extravaganza in the DX Mecca. Richard Cuff and John Figliozi co-chair the organizational committee. Although it is early, you don't want to miss this special FEST event. There are a lot of special arrangements being made for this special occasion. See you there!
- Aug 18, 2007 Convention. 2007 Madison-Milwaukee Radio Get-together.** The 14th Annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts is scheduled for Saturday, August 18, 2006. The location will be in Madison, WI (more details to follow). This is an all-band event, and everyone interested in the radio hobby is welcome. Tell your radio friends about it, and make your plans early to attend the 14th Annual Madison-Milwaukee Get-Together for DXers and Radio Enthusiasts for another fun and memorable day of visiting with your fellow radio hobbyists.
- Nov 1-4, 2007 Convention. The next European DX Council Conference** is scheduled for Lugano, Switzerland on 1-4 November 2007. More information will be published as it becomes available.
- 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 Figliozi 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). 

Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Bob Montgomery** (Address: P O Box 1458, Levittown, PA 19058). 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. *Note: this is a new address as of August, 2006!*

Musings

Hank Michalenka <hjmcpa1@msn.com>, RI

The day before Thanksgiving, we finished installing replacement window sashes throughout the house. The last one was the window that was always slightly open at one corner to allow the lead-in from the Alpha-Delta Sloper into the house through the (no longer present) storm window and under the inside sash.

I don't want to cut a hole through the sash to let the coaxial cable in, nor do I want to leave the window open as in the past.

I do have the television cable coming into the same room through a small opening underneath the shingles along the side of the house and through a cable jack plate (not terminated at a jack like most new construction). I would try to slide the A-D cable through the same opening, drill another hole through the cable plate, and reinstall the connector at the terminal end; BUT, what I don't know is if the television cable would cause interference being in extreme proximity to the antenna cable (and not wanting to make my house look like Swiss cheese drilling holes through the siding/inside walls to find a distance where it wouldn't interfere).

Any of our other members have any helpful suggestions?

I'm trying to get one of my clients in Kansas to write an article about her experience bringing hand-held crank shortwave portables to Zimbabwe. I could write it for her, but I think the first person perspective would be better.

Best regards, Hank

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

The RF noise that I have been dealing with for the past 6 weeks prompted me to purchase a Radio Shack 12 VDC so I could take my Icom R75 on its first mini-Dxpedition, with the intention of logging some interference-free DX.

I left the house Thanksgiving morning at 0900 (4 AM-EST), armed with both DX and cold weather supplies. I arrived at my destination, Sugar Hill Overlook, on the scenic Kancamagus Highway in the heart of the White Mountain National Forest. After getting the antenna and receiver situated I was ready for DX, just shy of 1000 UTC.

I didn't hear anything more or less than what I normally would DXing from home, but what I did hear appeared to be "cleaner". A few Peruvians were booming in early and Suriname was putting out the best signal I have ever logged from them. Indonesia and SE Asia were sub-par at best during local sunrise. Perhaps with a longer antenna (I used a 150' long wire on this occasion) coupled with either an attenuator or impedance matcher, would produce better results. The real hi-lite of the session was the moose that appeared shortly after sunrise, 25 feet to my left, and hung around the overlook for a half-hour!

Looking forward to going out again early next week, to the same location, during sunset.

Toshi Ohtake <ohtaket@yahoo.co.jp>, Tokyo, Japan

The first topic for this week is the Radio St. Helena Day, which was revived on the 4th of November after 7 years of silence. About a year ago, German DXer, Mr. Robert Kipp, started its revival project, asking donation to revive the Radio St. Helena Day. Many Japanese listeners responded, and donated one unit of 100 watt transceiver and about 1600 U.S.

dollars of cash, which, I hope, made significant contribution to materialize this Revival Day. This year, they transmitted 4 times, beamed to Oceania, Japan, Europe and North America, respectively. The transmissions to Japan and Europe were well heard in Japan, and many listeners here were excited to hear this once a dream station. The reception condition from 20:00 to 22:30UTC was SIO333 to 454 in various parts of Japan.

After the Revival Day, Mr. Kipp visited a local school, Prince Andrews School in the island of St. Helena, and set up a shortwave radio system by enough support from Japan. Head teacher of the school, Mr. Derek Henry, said, "This is a wonderful gesture, which will make our students contact with people from different countries, understand the geography better and have more hands-on technical experiences among other things." Japan Short Wave Club is pleased to be able to contribute to this RSH Revival project, which gave great pleasure to us and many shortwave listeners, and, moreover, to help young generation of St. Helena Island see other world by radio contact.

Second topic is the celebration of 50th anniversary of the restoration of Japan-Russia diplomatic relations. On November 13, piano recital was held at Russian Embassy in Tokyo to commemorate 50th anniversary of the restoration of Japan-Russia diplomatic relations. Mr. Philip Kopachevsky, Moscow born 16 year old prodigy pianist showed excellent performance. Mr., Hyugaji, Chief of Japanese announcer team of Voice of Russia (VOR) Moscow was interpreter of the celebration and we had an enjoyable dinner after the ceremony with him, Philip and his mother.

This is all for this month. Toshi Ohtake, Japan Short Wave Club

Bret Pollack <bret_pollack@hotmail.com>, 7572 Ridge Road, Marriottsville, MD 21104
I have been an avid shortwave listener (SWL) for the past 13 years and at time done a bit of Dxing as well. Unfortunately like many of the international broadcasters I have reached the time to turn off my shortwave radio. The news continues to be how different stations are finding a way or need to continually close down or eliminate shortwave from its broadcast media. The latest is Radio Canada International. The response from all of them is you can get our programs from the internet. Well, I live in the technology rich US and where I live I only can get a dial-up. The makes live web streaming or down loading quite a chore. Besides as a SWL, I don't want to be locked down to my computer.

Additionally, with the larger shortwave broadcasters leaving the air, there is not much left on shortwave worth listening to (WBCQ the only slight exception). The rest seems to be hard to catch or just plan boring or preachy. Of course you can still get all the propaganda you want. I was being entertained. Shows from the BBC, Deutsche Welle, Radio Canada, even Voice of Russia. Now the only clear catches in the US are China Radio International, Radio Havana Cuba, and Radio Taipei International. Not thanks. Good bye shortwave, guess I'll just have to turn on the TV.

Harold Cones <hcones@cnu.edu>, 2 Whits Court, Newport News, VA
Bret—I have had the feeling many times, but once in your blood, you keep returning to the dials. You could, as many of us have, start hunting medium wave stations, especially trans-Atlantic stations. I have put a real punch in my listening by dxpeditioning and have become addicted to 12 volt dxing (will be submitting an article to somewhere in the next month or so with techniques and experiences). You might try picking a geographic area and see how many stations you can hear (say PNG regionals)—I have found that with 240 countries verified, I need a challenge to stay interested. Or, a break may do the trick (but not a long break). Try setting up in a new location and stringing new antennas. A healthy dose of the Winterfest will also help. Keep me up on how it turns out (there might be a good musing for *The Journal* in here somewhere).

Mike Barraclough <softbulletin1@yahoo.com>

Just been reading an 8 page article *The Future of Radio 2* in the just published *World Radio TV Handbook 2007*, a series of interviews as a follow up to last years with much mention of DRM. Summarising the views given:

Nigel Chapman, Director BBC World Service: Not very optimistic over DRM. Keeping toe in the water but not investing any more in DRM at the moment. What's the market? BBCWS cutting back on European languages and radio generally for television. May be some possibilities in Asia. "As you've probably already gathered we're members of the DRM skeptics club in Bush House."

Guido Baumhauer, Managing Director, Strategy, Marketing and Distribution , Deutsche Welle: Ready to go digital in a big way if and when receivers are more commonly available. However customers will buy DRM receivers only if there are more and better programmes. DW is following a multi platform strategy including television and streaming internet services using P2P technology and on demand audio and television.

Mathew Palmer and Martin Orell of The Technology Partnership, experts in RF design and product development: See DRM as a bolt on technology to DAB but can't see a commercial return. "The question we would ask is why bother?" They were very early into DAB but all the research and development is now going into interactive mobile TV and radio and on demand services.

David Jackson, Director of Voice of America: No plans to broadcast in DRM. "We're not going to try to convince people to use it for the sake of using it. We'll wait until we see evidence that people are using DRM before we adopt it."

Richard Hunt, Head of Broadcast Services at VT Communications: DRM not made the progress hoped for since last year. DRM has focused too much, in his view, on international cross border broadcasting whose audience is a very small percentage of the total radio audience. DRM should push more within the domestic area. "I'm not terribly conversant with the finer points of the receiver market but it's as though DRM doesn't really excite the enthusiasm of the manufacturers." DRM is still a work in progress "Your average member of the public might find it (DRM) quite difficult to use." "There's still a lot of functionality in DRM that hasn't yet been completely nailed down, like autotuning."

Keen on what he calls DRM 120 not because of the mode but because it uses spectrum already allocated to broadcasting.

China interested in possibilities of DRM and putting DRM capable transmitters into their shortwave sites. "The worrying side of it is whether perhaps they'll try and control the receivers and so control what the population hears."

The article deals with other aspects of radio development as well as DRM, well worth a read through at Borders if you don't regularly buy a copy of the Handbook.

Kevin Mikell <kmikell@globalcrossing.net>, 241 N. Hamlin Avenue, Park Ridge, IL 60068
My reception report to Radio St. Helena came back to me from the US Post Office. "Insufficient Address". Insufficient Address? At first, I laughed to myself that all they needed to do was get it to the damn Island and the folks there would easily figure out where to deliver it. I went up to the local post office to find out what exactly was wrong with my address. The clerk looked it over. He looked at a list, and found the Island on it right away.

His guess... not a geography problem... The Island is listed as Saint Helena, not St. Helena, on their international list, and the person routing it didn't know that St. is an abbreviation for Saint. Ha!

Easy Listening

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

RCI further revamps its shortwave schedule; domestic Radio One programming no longer on shortwave

You know that RCI schedule that I included in last month's column? As they'd say in New York, "fuhgeddaboutit." Soon after I finished last month's column, RCI totally revamped the shortwave schedule, particularly the schedule targeting North America. Instead of multiple hours of relayed domestic English language programming in both the mornings and evenings, these periods instead contain programming in other languages, including languages such as Russian. Quoting an RCI press release, "Shortwave frequencies, in the Americas, were changed to cover our intended targets and the retransmission of CBC and Radio-Canada programming was moved from shortwave to our web site as our domestic services are widely distributed by other means in North America, including Sirius Satellite Radio." The Americas-focused shortwave service is a relay of RCI's live webcast; this, too, is a rotation of RCI's various language services; the three English-only, French-only and multilingual blends of RCI and CBC domestic programming no longer exist.

While the "official" listed targets are Eastern and Central North America, the direction of the listed beam is really closer to the northern tier of US states or the southern tier of Canadian provinces.

Here's the revised North American schedule; as you can see, there are continuous transmissions from Sackville targeting North America from 1205 through 0405 UTC. Given that some of these target a more northerly region that typically than historically used by most of RCI's transmissions, you may not be able to hear them at your location.

0000-0059 7 days 9640, 11990 Spanish
0005-0205 Tue-Sat 9755 English
0005-0105 Sun-Mon 9755 English
0100-0159 7 days 6100 Spanish
0105-0135 Sun-Mon 9755 Portuguese
0135-0205 Sun-Mon 9755 Ukrainian
0205-0305 7 days 9755 Chinese
0300-0359 7 days 6130 Spanish
0305-0405 7 days 9755 Spanish
1205-1305 7 days 7310 Arabic (!)
1305-1405 7 days 7310 Spanish
1405-1505 7 days 9610 Chinese
1505-1605 7 Days 9610 English
1605-1705 Mon-Fri 9610 Russian
1605-1635 Sat & Sun 9610 Russian
1635-1705 Sat & Sun 9610 Ukrainian
1705-1905 7 Days 9610 English
1800-1859 7 Days 13650, 15365, 17740 English
1905-2005 7 Days 9610 French
2005-2105 7 Days 9610 Arabic (!)
2105-2205 7 Days 6100 French
2205-2305 7 Days 6100 Chinese
2305-0000 7 Days 6100 Spanish

This is the first time I remember any broadcasters targeting North America with languages such as Arabic, Russian and Ukrainian. All of the English language programming will consist of the weekday two-hour program *The Link*, with the weekends consisting of *Blink* (best of *The Link*) on Saturdays (sometimes UTC Sundays) and *Maple Leaf Mailbag* on Sundays (sometimes UTC Mondays).

As was mentioned last month, this is all part of RCI's new mandate to serve prospective immigrants to Canada in their home countries, plus new immigrants actually in Canada already. Most people with a long history of listening to RCI are disappointed with the changes, as there is less on the air of interest to RCI's historical audience; this really is not a surprising observation.

Those interested in RCI's domestically targeted programs such as *The Sunday Edition*, *As It Happens*, *Dispatches*, *The World at Six*, *Definitely Not the Opera*, *Vinyl Café*, and *Cross Country Checkup* can find most of these on Sirius satellite radio; all CBC domestic Radio One services are webcast live, with five different time zone feeds helping to provide scheduling flexibility. Many, though not all, CBC Radio One programs are archived for on-demand listening.

One shortwave option remains for some of these—CBC's Northern Quebec shortwave service on 9625 kHz. The Northern Quebec Service is also webcast live, it appears—visit <http://www.cbc.ca/north>, and then click on *Audio/Video* and then *Radio Nord Quebec*. I no longer have a full schedule for the Northern Quebec service; the weekends are largely English; indigenous languages dominate weekdays.

Looking back, looking ahead

I always try to take out some time in the January column to look at the past year in shortwave listening and look ahead at likely trends. 2006 actually saw the *return* to shortwave for **Radio Slovakia International**, after funding had been cut in 2005 and the service relegated to webcasts. Otherwise, there weren't significant losses (other than the RCI changes noted above), in part because some of the largest broadcasters, such as the **VOA**, the **BBC**, and **Deutsche Welle**, have already ended shortwave broadcasts targeting North America. Thankfully, all these services are still reasonably audible in Eastern North America for many Africa-targeted broadcasts, though infrequently at "rocking-chair" audibility. Folks in Western North America can often hear Pacific-targeted services, especially for broadcasters using East Asian relays to reach the Pacific.

This trend is expected to continue—with "prime time" Eastern North American listening beginning with morning African schedules at approximately 0200 or 0300

UTC; one can generally listen through approximately 2100 UTC. Since shortwave remains one of the most effective ways to reach communities without access to local, independent radio, Africa looks to remain a viable shortwave target for international broadcasters. As many of us shortwave listeners mature ("get older"), we will probably find the programming less to our liking, as it appears our short-attention-span society tends to emphasize quick-hitting, less-detailed, fast-paced programming than the more in-depth approach we more senior listeners favor. Such is life...thankfully, I find most of what's available in English from international broadcasters still to be definitely worth a listen. International broadcasters seem slower to adapt to media trends than their commercial counterparts; not exactly a bad thing!

Voice of Russia updates logo and launches new website; new program joins the schedule

Thanks to Sergei Sosedkin and Andy Sennitt via Glenn Hauser's *DX Listeners' Digest*, The **Voice of Russia** has launched a new logo and website; the website can be found at <http://ruvr.ru/>. The site is reorganized; it's easier to navigate to program listings, along with live and on-demand audio. Initially some of the information appeared to be stale, or had placeholders pending the creation of new content; a recent check of the *What's New?* section did indeed have something new—the announcement of a new feature program, **A Stroll Around the Kremlin**, a series of programs describing a place especially dear to the hearts of Russians. The "virtual tours" will be conducted by staff members of the Moscow Kremlin Museum Complex. Air times to North America include Mondays at 0300, and Wednesdays, Saturdays and Sundays at 0330 UTC, at least according to the website.

Why the change, you ask? One reason is that the old address, <http://www.vor.ru>, is unpleasant to a Russian ear—in most Slavic languages, the word "vor" means "thief."

BBC World Service highlights

One of the aspects of the **BBC World Service** that remain a strength, even as some would argue the quality of the World Service has slipped, is that many world leaders seek out the BBC to make their views known to the world. With the USA being frequently snubbed for its Middle East policies, world leaders will preferentially be interviewed by the BBC World Service. Take North Korea's dictator Kim Jong-Il, for example; did you know he's a fan of swing jazz from the 1920s through the 1940s? This nugget was recently on *The Beat*, a review of developments in live popular music. Best shortwave airtimes include Thursdays 1932 (targeting Europe) and 2132 (targeting Africa).

The World Service science program, *Discovery*, began a new series on clinical drug trials in late December.

Another recent four-part documentary series was called *Dirty Business*; it deals with illegal waste dumping; the fourth of the four programs focused on the relationship between the Mafia and the trash hauling business in the USA. Documentaries regularly air on shortwave to Africa Mondays at 1406 and 2106; you may also be able to pick up a Sunday repeat at 1306. Europe airings include 1206 and 2006 Mondays. The Caribbean service airs the Monday documentary at 1306; unfortunately the shortwave transmitters to the Caribbean are switched off at 1300 UT. Don't forget that the BBC has nearly all of its documentary series available for on-demand streaming and downloading, well after the series has originally gone to air. Visit http://news.bbc.co.uk/2/hi/programmes/documentary_archive/ or simply click on the *Documentary Archive* link on the main BBC World Service website.

Don't forget that you can get advance notice of BBC World Service programming in a weekly e-mail; the easiest way to subscribe is to click on the *Radio Schedules* link

from the main BBC World Service page and then look for the section labeled *Services* on the right side of the web page. The direct URL for e-mail subscription is much longer and, frankly, not worth the hassle.

Radio Netherlands updates

Radio Netherlands continues to promote *Amsterdam Forum* as somewhat of a flagship program on the schedule. This is an interactive weekly panel discussion that tackles hefty issues from time to time; like all other **Radio Netherlands** programs, it's well-produced. The program is currently soliciting topic suggestions for the new year; you can reach the web form for submitting suggestions at <http://www.radionetherlands.nl/features/amsterdamforum/amfor>. You can probably also send these in via mail or fax; the snail mail address for Radio Netherlands is the usual: Radio Netherlands, Box 222, 1200 JG Hilversum, The Netherlands. You can also contact Radio Netherlands' English service via fax at +31 35 6724239. The '+4' is where you add your international access dialing code; in the USA and Canada, that code is '011'.

A nice bonus on the Radio Netherlands website is a series of highlights programs from the various individual series, including *Research File*, the long-running science program from Radio Netherlands.

There is a change coming to Radio Netherlands in January: *A Good Life*, Radio Netherlands' weekly series on development, ends its run, to be replaced by *Network Europe*, a collaborative production of Deutsche Welle, Radio France International, Radio Prague, Radio Polonia International, Radio Slovakia International, Radio Slovenia International, Radio Sweden, Radio Ukraine International, and Radio Netherlands; *Network Europe* has its own website, <http://networkeurope.radio.cz/>.

Radio Sweden now has a 30-day program archive

It's worth a quick mention that **Radio Sweden** now maintains a rolling 30-day archive of prior broadcasts available for on-demand listening; visit the main Radio Sweden website, <http://www.sr.se/rs/english/>, click on *English*, then click on *30 day Archive*.

Milwaukee *Journal Sentinel* mentions shortwave

Thanks to Rich D'Angelo, here's a link to a newspaper article on international broadcasting that makes brief reference to shortwave: <http://www.jsonline.com/story/index.aspx?id=544825>. The article is an interesting perspective on holiday programming that, while highlighting webcasts, nonetheless makes mention of the shortwave heritage of international broadcasting. Nice to see Deutsche Welle mentioned somewhere other than a shortwave enthusiast publication!

Winter SWL Fest!

It's time to start planning to join the festivities at the 20th (!) Annual Winter SWL Fest in beautiful Kulpville, PA just outside of Philadelphia. The registration form appears elsewhere in this issue; if you prefer, you can print off an 8 1/2 x 11 version of the form at the Fest website, <http://swlfest.com>. We are now checking the Fest post office box

and processing registrations as of January, so feel free to get your form in. We are expanding the Fest to include some Thursday activities this year; while we don't have the program fully mapped out yet, we know we'll have a mix of forum topics ranging from classic, familiar subjects to some new themes we haven't covered before.

The Fest has lasted for 20 years thanks to a group of folks that helps out every year, fueled with the enthusiasm of first-time participants who bring fresh ideas and perspective. Every year, whenever we ask for help with various and sundry tasks, we are appreciative of those who help out.

If you haven't joined us at the Fest yet, consider making the 20th Fest your first! If you aren't within reasonable driving distance of eastern Pennsylvania, it has become cheaper than before to fly to Philadelphia, as the presence of Southwest Airlines in Philadelphia helps to keep airline flights^o inexpensive for all airlines.

Aside from browsing the Fest website,^{*} which has extensive resources on the Fest itself and the Philadelphia region, one of the best ways to find out more is to join the online e-mail based discussion group having the Fest as its subject; visit the Fest website and click on the navigation link labeled *Mailing Lists* along the left side of the page for more information.

Hope to see many of you in Kulpville!

73 DE Richard



WWW Shortwave Listening Guide

Looking for programs to listen to? You can find what programs are on for the current hour or list programs of a desired type on a given day at the **www Shortwave Listening Guide** on NASweb. Visit the Guide at <http://www.naswa.net/swlguide/>.



Shortwave Center

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

Well, if you're reading this, congratulations! You, my friend, have made it to 2007. That's no small feat given all the obstacles placed in your way over the past year. But, somehow you overcame, got around, went through, or just plain ignored them and here you are!

So, in honor of that great achievement, why not make a resolution to contribute one item to the Shortwave Center during 2007? Heck, I don't care if you just steal something from somewhere else, put your name on it and send it in! Or—a better and more legal idea—should you come across something interesting in your reading that you think others might enjoy or find useful, let me know about it and I'll contact the author for permission

In this here club, it would be great to have at least one perspective from everyone so that some time far in the future when some archaeologist sifts through the ruins of our long forgotten civilization and they find all the collected works of NASWANS, they will find your name among the ruins, along with something literate to attach it to.

I think that's what motivated the fellow who wrote the first article that appears in this month's column. After all, it would be a crying shame if eons from now, no one knew who Gerry Dexter was. <big wide grin>. Seriously, Gerry, thanks for the contribution—and for all you've done over the years to support and promote the hobby. Why not follow in Gerry's footsteps and make your own literary contribution?

I'd also like to welcome and thank NASWA member Ray Bauernhuber who has agreed to assist me in preparing this column by searching far and wide for "good stuff" that readers will enjoy and find useful. Although we've never met, Ray and I found that we have something in common. We're both have Long Island (New York) roots. Ray lives in Whitestone now just across the East River from Manhattan and I've drifted even farther north to near Albany, the state capital.

I hope you enjoy this month's column. And Happy New Year and Good DXing and SWling to all of us in 2007!

The Great Radio Desk Adventure

By Gerry L. Dexter

(This story was originally submitted to a SW news group in 2001. Recently resurrected, I thought NASWANS might enjoy it.)

Last fall I finally replaced the green swivel chair I had used at my radio desk since sometime around the Eisenhower administration and which I had been threatening to punish with every squeak and squeal of protest it emitted whenever I used it over the last dozen years. The retired chair was replaced with a nice, high back, black leather swivel model. The acquisition of such new luxury set in motion more upgrades, becoming a sort of nebulous "five year plan."

Next it was time to retire the worn and battered steel desk where I've parked radios for something like 50 years. (If there were such a thing as a receiver archeologist, I expect he/she could discover the history of my listening equipment just from the foot impressions they've left on the leatherette surface over the years!)

So I picked up a catalog from the local office supply and soon found a nice 60 x 30 inch oak desk deeply discounted to \$350. What a deal! Yes, it was in stock at their Chicago warehouse. And yes, they could deliver it day after tomorrow. Oh boy! Much excited!

The night before it was due I disconnected and moved the 515. The filing cabinet and old steel desk were pushed and pulled, wrestled and grunted out of the shack, with my back protesting every inch of the way.

The next day the store called with one of those good news/bad news routines. Good news: The desk had arrived. Bad news: when the delivery people dropped it off, they really *dropped* it off. "Totaled," was the how the store described it. Furthermore, that was the last such model in stock so I could forget about getting a replacement for several weeks. This, of course, would not do. Gotta have a place to put the receiver, whether it gets used or not.

Further catalog study turned up a similar desk. But, naturally, the sub was more expensive than my first choice. But I could get this one quickly so I opted to spend the extra \$80.

Came then the big day. The delivery people arrive, measure the crate width and that of the basement stairway and decide the desk won't fit. "No way we can get it down there," they say. The basement and room doors and the handrail have to come off or it's a no-go, they tell me.

"But, but..."

"No sir, we do not remove doors or railings and such. Not our job. We are not carpenters. But we can leave it in your garage and come back next Tuesday if you can get the way cleared."

Such emergencies are what the Yellow Pages are for. After a call or two I found a local handyman/carpenter type who agreed to remove the doors and railing and then return a few hours later to put everything back. \$75. (It is costly not to be even so much as a third cousin of Mr. Fixit!)

On Delivery Day #2 the same two people show up, one of them a female built like "Arnold," and a mouth like a sewage outlet. Some minutes later they discover they had

measured wrong and the desk is too wide even to fit through the front door! Surprisingly, they whip out tools and soon the front door is off. Now begins The Great Struggle. It takes an untold number of adjustments and re-tries just to get the desk half way down the stairs. As my frustration meter edges into the red I finally suggest they might get a better purchase on the thing if they took it out of the box, which they finally did. Although that required them to push/pull the thing back up the stairs and out into the open before they could remove the packaging.

As I stood there, fists and jaw clenched, they got it actually to basement floor level and into the room, just barely missing the prized poster on the right hand wall. But at last the desk was safely into the shack and the female wrestler type kept it to only a dozen or so expletives over the 90 minutes or so required for the operation.

But wait! Suddenly I notice that this desk has no opening at the back! Meaning there is no way to pass power cords and antenna cables from wall to receiver. Quickly, another call to the carpenter to bring a power saw when he returns and cut out a rectangular piece. (another \$25).

Then, in all my adjusting, sawdust cleanup and other messing about I stood up while too close to the wall and managed to knock the large, wall-mounted 24-hour clock onto the floor. Stopped? Of course it did! This brought a trip to the nearest clock repair place (13 miles). They looked at it and ordered the needed part. Back again a few days later. Pick up the clock, bring it home, set it and put it back on wall. Hours later: "That's odd. The time's moving way too fast!" Back to the repair shop I go. "Oh," they say, "a 24 hour clock! Didn't notice that. We ordered the wrong part." So time troubles use up four trips, although only about \$10 in repair cost, not counting gas for 104 miles.

While this extra, added attraction was in play I also discover that, unlike the old desk, the top right side drawer on the new

one is too shallow to hold the 4x6 file cards on which I kept my logs (I know, I know, "how quaint!"). There goes \$60 more, this time for a 2-drawer card file.

So, what should have been a relatively easy one-day project stretched into nearly two weeks, not to mention all the significantly

extra bucks involved. But once it was finally finished and I had my custom-built solid oak rectangular equipment "console" out of storage and the 515 and speaker in it all of the anxiety and frustration involved dissolved and once again I was master of all I surveyed.

Moral? Pan ahead. (Or at least spell-check!)

Radio St. Helena Turns Me On!

A Report From India

By T. R. Rajeesh

Our expectations and Dxprience of listening to Radio St. Helena! Even in the wild dreams of the new generation DXers here in India, (may be through out the world too!) we never imagined of hearing Radio St. Helena. Many of us still remember the announcement of final transmission of Radio St. Helena in the Wavescan Global DX Report segment by William Matthews during 1998. But none of us were able to listen that final broadcast due to the lack of good receivers.

Years passed and many of us were able to obtain some moderate type portable receivers. Although we read information in *WRTH* under Future Plan of St. Helena (F Pl) is to procure new equipment and re-introduce the annual SW transmission from St. Helena, such plans never seemed to be work out. At least we believed so and settled with salivating a copy of QSL from Mr. C. K. Raman, an IBB monitor who logged St. Helena during 1992 broadcast.

During the late 2005 many reports were coming about the attempts for reintroducing annual SW broadcasts from RSH via a new transmitter. An article by Robert Kipp of Germany on the Radio St. Helena QSL Project that published in various DX newsletters invited our attention to St. Helena one again. The efforts of Mr. Anker Petersen (DSWCI), Richard D'Angelo (WDXC & NASWA), NZ DX League and especially the greatest of all Mr. Toschimichi Ohtake (JSWC) along with Mr. Robert Kipp helped to raise the neces-

sary fund and support for Radio St. Helena. The regular updates and reports about the RSH revival project, which appeared in the Contact magazine as well as in DSWCI bulletin *DX-Window/sw News*, provided lot of excitement for us.

Once the broadcast schedule announced, we started preparing for celebrating the event. For us it was a must hear situation of this revived station I made regular contacts with fellow DXers Mr. Alokesh Gupta in New Delhi, Swopan Chakroborty in Kolkata, Mr. Muhammed Shamim in Thiruvananthapuram, Kerala and Gautam Kumar Sharma in Assam preparing and exchanging the possibilities of logging St. Helena. I made an alert in the cell phone reminder at various time schedules as announced.

In the beginning of November the excitement reached its peak. Most of my letters and e-mails to fellow DXers included Radio St. Helena as an item. Club member Edwin sent his best wishes for logging St. Helena through his encouraging letter. On the first day of November reports of RSH test transmission on 11092.5 started arriving. At 1500 UTC Jari Savolinen of Finland reported logging the tests with good reception. Alokesh and Gautam tried for the test transmission but heard nothing. It made a fear of not hearing the revival broadcast in India. I believed that the Japanese beam should provide some signals from the first hop of RSH signals that may reach India during its transmission (via long path) so that I can compile programme details for a report.

On 4th November I came from office quite early finishing the work. Shamim went a step further by taking half-day leave from the afternoon work in order to sleep early and wake up just before the broadcast. When I called Shamim in the early evening his wife took the phone and told that he was sleeping! The first broadcast of RSH (New Zealand beam) at 1800 UTC starts from 2330 IST (half hour before midnight!).

By 1700 UTC Alokesh was ready with his ICOM R-71 tabletop and headphone; Shamim with a Grundig YB-80; Gautam with his Grundig YB-400 and myself with the Sony ICF-77 and a 5 metre internal wire connected to the extended telescopic antenna were awaiting for the RSH signals. At 1758 UTC some weak instrumental music started arriving on my receiver with unintelligible signals. After 1800 UTC RSH broadcasts with very poor reception noted and even unable to take down program details. Alokesh called me on mobile and checked the reception at my end through mobile. The situation was even worse in New Delhi. Shamim and Gautam heard nothing. Alokesh presumed that there is a greater chance of hearing the North American beam. It was right to assume it since the North American evening (early morning in India) beam of most shortwave broadcasters can easily be picked up here. We also believed that if RSH uses the long path via Africa to cover the Japan from 2000 UT there is even a better chance of hearing the broadcast. Shamim also called and indicated that he is very much depressed with the result of first broadcast.

I continued checking for other SSB transmissions. There were MARLO broadcasts of U.S Navy fifth fleet in International Waters from Bahrain with fair signals on 9133 LSB. Cairo ATC was clear on 11300 USB and even Gander Airport from Newfoundland, Canada was audible on 10051 USB! What happened for RSH to cause such a poor reception? I assumed perhaps RSH might have used the short path via South America to reach New Zealand. I set alarm on the cell phone to wake up at 1950 UTC, just before the Japanese beam.

At 1950 I woke up and set the receiver on 11092.5 kHz. At 1957 some instrumental music started arriving in my receiver. By 2000 interval signal with very good reception noted and followed by station ann. "This is Radio St. Helena broadcasting on 11092.5 kHz SW, and on 1548 kHz MW, 194 meters; we are beaming towards Japan from St. Helena in the South Atlantic, very Good morning to Japan." One of the most awaited moment arrived at last. The exception was 35443 and I started enjoying the broadcast. Suddenly I remembered Alokesh and Shamim and called both of them who were asleep!! My alerts awake them and they too enjoyed the broadcast. We also checked each other's reception through cell phone.

Each moment of the broadcast was so thrilling. We heard the message by the Governor of St. Helena Mr. Michael Clancey followed by a pop song of the Beatles and so on. Later e-mail reports started acknowledging on air. Shamim called me at 2050 UTC and told to send an e-mail to the station. I have not imagined about sending a report to Radio St. Helena. Without any hesitation I opened my computer and told them that 3 of us were listening from India and reception is so good here. I also requested to play a song dedicated to my DX friends listening and also to every World DX Club member in England.

I mailed the message at 2100 UTC exactly and by 2105 I am thrilled to hear my name mentioned from one of the remotest stations in the world. Nirvana!!! What more needed in the life of a DXer? This itself is more than an official verification statement from St. Helena! The flooding of e-mails to the station only allowed them to mention my name and the reception location only.

We continued monitoring and heard the name of our World DX Club mentioned by them. The highlights of the Japanese beam were the description about St. Helena and an interview with Toshi Ohtake of JSWC and reading listener's letters and airing their telephone messages. Japanese listeners participated actively as evidenced by the

large number of e-mail reports from there. One of the employees in German Embassy of Vietnam also sent e-mail to RSH!

that my name was heard over the broadcast! I really felt sorry for not recording the RSH broadcast.

The broadcast to Japan ended by 2147 UTC extended than scheduled time limit of 2130 UTC. The reception was not good for the European beam and for the late North American beam. Final analysis with Alokesh Gupta indicated that the best reception was noted here in Kerala, at my location! Alokesh and Shamim also had fair reception. But our friend Gautam was not able to hear the broadcast on any of the beam in his location, Assam (Northeast India). We also heard one Ajith Krishnan's name but was unable to locate him. Mr. C.K. Raman with excellent receivers at the IBB office in New Delhi was also able to hear the revival broadcast beamed to North America. Further one Mr. Neil, VU2BGK in Tamilnadu also heard RSH Japanese beam with his Grundig Satellit 500 receiver and reported over next day's BCDC ham net on 7085 LSB. He mentioned

One of the surprise e-mail I received soon after the broadcast was the "Thank you" message from Derek ZD7CTO for participating in the worldwide transmission of Radio St. Helena. The three of us, Alokesh, Shamim and myself sent off reports with return postage to Radio St. Helena and DSWC within the next few days itself for QSLs.

But for me I already received the best verification from St. Helena first via on air acknowledgement and secondly via the great e-mail reply from Derek. Everything else is a mere formality as DXing is a matter of internal happiness!

[Compiled by T.R. Rajeesh (WDXC#2504) for the *Contact Magazine*, the monthly DX Digest of World DX Club in Northampton, England]

News Items

Deutsche Welle Signs Deal With VT Comm

UNITED KINGDOM. VT Communications (VTC) was recently awarded a contract to broadcast a significant number of analogue and digital shortwave programs for Deutsche Welle.

The cornerstone of VT Communications' ability to deliver this contract is the introduction of new broadcast equipment at its UK transmitting stations to facilitate Deutsche Welle's analog and digital broadcasts. As the result of VT Communications' commitment to providing state-of-the-art solutions for broadcasters, the first step in the re-engineered infrastructure was achieved at Woofferton in mid-October, with a new 250 kW shortwave transmitter entering service for the first time. The transmitter was supplied by Riz Transmitters Co, from Zagreb in Croatia with responsibility for the installation and commissioning shared between Riz and VT Communications' staff.

Work has already commenced both on site at Woofferton and in Zagreb for two more transmitters, with more to follow, one at Woofferton and one at Skelton. The first pair is scheduled for installation late 2006 through early 2007.

(VT Communications Bulletin November/December via Mike Barraclough's DX News column in World DX Club Contact bulletin)

More RTM Radio And Television Transmitters For Sarawak Under 9MP

SIBU, Dec 4 (Bernama)—Radio Televisyen Malaysia (RTM) will build more radio and television transmitters in Sarawak under the Ninth Malaysia Plan. State Second Minister of Resource Planning and Management Datuk Seri Awang Tengah Ali Hasan said this was necessary for better quality broadcast and reception for listeners and viewers in the rural areas.

"There will be two FM (frequency modulation) transmitters in Mukah and Kanowit and two SW (short wave or R7) transmitters in Bukit Kayu Malam (Sarikei) and Bukit Sengalang (Sibu) for the radio broadcast."

"Similarly, there will be three television transmitters for better TV1 and TV2 transmission reception in Mukah, Bukit Sengalang and Song in the Kapit division."

The transmitters were currently being installed, Awang Tengah, who is also the minister in charge of the Information Ministry in the state, said at the Sibu RTM Quality Day Awards presentation here last night.

Earlier, in his speech, he said RTM, as the official agency to disseminate news, information and entertainment programs, would continue to play a relevant and important role.—BERNAMA [Found at www.kimandrewelliott.com]

The Ontario DX Association (ODXA) has a monthly publication named "Listening In."

In Fred Waterer's October column "Programming Matters" the following news items were found:

Nepal

Japanese government provides assistance to Radio Nepal.

The government of Japan has decided to extend a grant assistance of Rs.588,436,000 to the government of Nepal for the project of improvement of Short Wave and Medium Wave Radio Broadcasting Stations.

Japanese Ambassador to Nepal Tsutomo Hiraoka and Vidyadhar Mallik, Secretary of the Ministry of Finance, signed and exchanged memorandum of understanding to this effect Wednesday.

A press release issued by the Japanese Embassy in Kathmandu said, "The grant being extended to the Government of Nepal is intended to procure the products and

services necessary for the improvement of radio transmission stations," adding, "The radio stations have been facing an acute shortage of equipment and spare parts for maintaining existing transmission services. Reconstruction of damaged radio buildings and renovation of existing buildings are equally important in order that the stations may cover and extend the present covering areas."

Speaking at the program, Japanese envoy Hiraoka expressed his sincere hope that this project will prove to be yet another milestone in strengthening the existing friendly relationship between Japan and Nepal.

<http://www.nepalnews.com/archive/2006/sep/sep13/news11.php>

Russia

6 September 2006

Moscow
RIA Novosti

The Russian Television and Radio Broadcasting Service (RTRS) is on the verge of bankruptcy, the culture minister said Wednesday.

"A critical situation has evolved at RTRS, which sends the signal throughout the country," Alexander Sokolov said. "RTRS is in effect on the brink of bankruptcy, which could be followed by a crisis of the entire television and broadcasting system."

He said he had alerted the lower house of the Russian parliament last summer to the danger of the loss of broadcasting satellites.

Commenting on the minister's statement, a RTRS spokesman said that the company was indeed on the verge of bankruptcy and that under-funding was the main reason.

Andrei Pautov said the Finance Ministry's outstanding debt to RTRS was about 2 billion rubles (US\$74 million).



Kim's Column

Dr. Kim Andrew Elliott • 5001 25th St. North • Arlington, VA 22207 • ibcast@mail2kim.com
<http://www.kimandrewelliott.com>

This column, with links, is available at this URL publicized only to NASWA members: <http://www.kimandrewelliott.com/index.php?id=817>

To the BBG via the side door

On December 20, President Bush recess appointed Mark McKinnon to be a member of the Broadcasting Board of Governors. I assume this is for one of the Republican seats in the board, although the White House previously tried to install the ex-Democrat McKinnon as a Democratic member of the BBG. The Board is supposed to be bipartisan, but perhaps the Bush Administration interprets this to mean four Republicans and four former Democrats. Heads I win, tails you lose.

A recess appointment is a method of sidestepping the usual Senate confirmation process for senior appointments. Democrats in the Senate Foreign Relations appear to be inclined to block any formal appointment of McKinnon to the Board. This recess appointment is good for one year.

Strangely enough, as some newspapers were reporting McKinnon's appointment to the BBG, others were quoting him in his capacity as a senior adviser to the John McCain presidential exploratory team. Can he serve both on the BBG and in such a political position? And shouldn't the president be looking for professional journalists who are outside the political fray to serve on this body whose most important role is firewall between the government and the news function of U.S. international broadcasting?

On the subject of personnel appointments, we learned a few weeks ago about the appointment of Karen Hughes aide Diane Zeleny to be head of the Public Diplomacy Rapid Response office in Brussels. Zeleny is "married to prominent neocon Reuel Marc Gerecht, an Iraq war promoter and occasional Bush adviser."

The American Foreign Service Association mounted a "rare" protest, claiming that this job was not advertised through the normal channels. Now, I have seen this dozens of times: presidentially appointed senior officials (of either party) arrange to have certain plum jobs advertised one day, but with a filing deadline a couple of days later, because they really have a friend lined up for the position. I always thought this practice was an inescapable stain on bureaucratic Washington but, in this case, the AFSA won. Zeleny will leave her new post this summer, and the job will be reposted according to—miracle of miracles—"established procedures."

Not a very shortwave Christmas

I do have a few Christmas traditions, including listening to the BBC's broadcast of the Nine Lessons and Carols from King's College at Cambridge, the Queen's message to the Commonwealth, and Christmas music on Christmas eve from the German Service of Deutsche Welle. Of course, I prefer to listen to these via shortwave. This is for tradition, and because the fading signals of shortwave denote distance and provide the ethereal experience appropriate to the holiday.

Anyway, it was not to be this Christmas 2006. The BBC's and Deutsche Welle's surviving shortwave frequencies were no match for the noise generated by who-knows-what devices in my neighborhood. The digital tinniness of internet audio was not especially ethereal. Listening to certain programs on demand was helpful, however.

On December 17, John Warrington wrote in the Stabroek News (Guyana) that every Christmas Eve, "I shut myself in my study to get away from it all, but at 11 am I mentally transport myself 5000 miles (with the help of the BBC) to the Chapel of King's College Cambridge and listen to a carol service—the Festival of Nine Lessons and Carols, which is sung by one of the finest choirs on this

planet. If you have a short-wave radio give yourself a treat and join me." I hope their shortwave reception down there was better than mine was up here.

Broadband access certainly makes internet audio streams a more viable alternative to shortwave. But I learned that Verizon and Cingular wireless broadband services list "listening to a Web radio station" among the activities their subscribers are prohibited from doing. The providers are worried about bandwidth hogs. If these two broadband services can ban internet radio, theoretically so could others.

Enter France 24

Last month, I reported on the startup of Aljazeera English. France 24, with a French and a mostly-English channel, followed soon thereafter, on December 6. France 24 has very few cable outlets in the United States, and so reception for most of us must be via the internet (if your provider does not prohibit video streams).

Unlike those of Aljazeera English and BBC World, the France 24 video stream is free. For now. The channel's news coverage strikes me as quite competent, and attractively presented, despite its budget disadvantage *vis-a-vis* CNN, BBC, and Aljazeera. However, as I was watching (mostly listening), I noticed the same stories repeating themselves within a couple of hours. That's how a 24-hour news channel is accomplished *à bon marché*.

Press scrutiny for Radio/TV Martí

Perhaps you've noticed that Radio and TV Martí have received a great deal of press attention lately. The Chicago Tribune started it on December 14 with a long special report covering, among other things, the stations' apparently small audiences in target Cuba. "The problem is that the Cuban audience can smell spin a mile away," said one observer.

Then the Miami Herald, which considers the Martí their home turf, followed on December 18: "Records show that in 2005 Radio Martí—which is best heard on shortwave radio that bypasses Cuba's jamming—spent about 250 times more money to reach a listener in Cuba than the U.S. spent to reach listeners through Middle East Broadcasting Networks, Voice of America and Radio Free Europe/Radio Liberty."

The next day, the Herald broke the news that Radio Martí is now leasing time on WAQI, Radio Mambí, 710 kHz in Miami. And TV Martí is doing the same on south Florida's WPMF-TV 38 in South Florida.

So what's going on here? WAQI does have 50 kilowatts and a night pattern pointing south. But it also has four Radio Rebelde transmitters in Cuba, from 10 to 150 kilowatts, on the same frequency. WRMF does not have the power to make terrestrial reception in Cuba a likelihood. But it is carried by DirectTV Latin America, said to be picked up by "pirate" dishes in Cuba.

Detractors, however, think these transmissions are really meant to impress Cuban-American, or to provide patronage to politically allied broadcasters in south Florida. And the question of the domestic dissemination of U.S. international broadcasting was raised, not surprisingly. A spokesman for the BBG pointed out a provision in law that allows Radio Martí to lease time on U.S. domestic transmitters if necessary. All of this recalls the transmissions of VOA Spanish that many of us heard all across the medium wave band during the Cuban missile crisis of 1962.

Best wishes for 2007. See you at the Winter SWL Fest.

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



Listener's Notebook

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

AZERBAIJAN Some hardly readable audio from AZE today at 1300 on 6110.75 kHz. I missed the start of the ID, but fortunately got a second in German and also French. Proves that the station uses two names depending on the language: *Radio Azerbaijan International* and in English they use *Voice of Azerbaijan* and *Radio Dada Gorgud*. (Mauno Ritola, Finland, Dec 22, RealDX yg/DX Listening Digest/Hauser-OK)

BAHRAIN 6010.11 *Radio Bahrain*, 1750-1915, Dec 12, 13 and 14, much QRM until Beijing s/off at 1858*; western rock music, English ann with "10 o'clock," short news headlines at 1900-1901:30, a Radio Bahrain ID jingle, then back into western rock vocals /instrumentals with occasional ann by "DJ Brownside." (Churchill via DX Tuner-Sweden and Ritola in Dxplore, Savolainen/DSWCI DX-Window/Petersen-DK)

BOLIVIA 4694.7 *Radio San Miguel*, Riberalta, 1000-1020 and 2240-2255, Dec 17, flauta Boliviana, no ID; 0945 on Dec 18 on 4694.8 flauta and ann, no ID; 4695.1 on Dec 19, good signal. Station had similar frequency drift while on 4901. (Wilkner). Also heard on 4694.54-4695.2 at 1030-1040, Dec 16 and 2235-2330 on Dec 17, Andean music, talks and IDs in Spanish. (Bolland, Grimm and Groppazzi/DSWCI DX-Window/Petersen-DK)

BULGARIA Frequency changes of *Radio Bulgaria* from Jan.1, 2007:

0000-0100	Spanish	NF 7300
0100-0200	Bulgarian	NF 7300
0200-0300	Spanish	NF 7300
0400-0500	Russian	NF's 7400 9400
0500-0600	Bulgarian	NF's 7400 9400 11900 Sa/Su
0530-0600	Bulgarian	NF's 7400 9400 11900 Mo-Fr
0600-0630	German	NF 11900
0600-0630	Russian	NF's 7400 9400
0600-0630	Turkish	NF 7200
0700-0730	French	NF 11900
0730-0800	English	NF 11900
1500-1600	Russian	NF's 7400 9400 9500
1600-1700	Bulgarian	NF's 7400 9400
1700-1730	Russian	NF's 7400 9400
1730-1800	German	NF's 7400 9400
1800-1830	French	NF's 7400 9400
1830-1900	English	NF's 7400 9400
1830-1900	Turkish	NF 9500
1900-2000	Russian	NF's 7400 9400
1900-2100	Bulgarian	NF's 9500 9700
2000-2100	German	NF's 7400 9400
2100-2200	French	NF's 7400 9400
2200-2300	English	NF's 7400 9400
2200-2300	Spanish	NF's 6200 9500

Radio Varna

2200-0400 NF 7200 Su-Mo, ex 7600

(DX Mix-BUL)

CHILE *Christian Vision* (CVC) B06 schedule:

0000-1200	Spanish	6070/Chile
0100-0400	Hindi	9570/Dw
0100-0400	Spanish	11970/Chile
0100-0800	Spanish	11805/Chile
0400-0600	Chinese	15250/Dw
0400-1000	Indonesian	17820/Dw
0400-1100	Hindi	13630/Dw
0500-0600	English	9430/W
0500-1500	English	6065/Zambia
0515-1545	English	9555/RSA
0600-0700	English	11720/W
0600-1200	Chinese	17635/Dw
0700-0900	English	15640/W
0700-1000	Portuguese	6050
0800-1100	Spanish	6185/Chile
1000-1300	Indonesian	15365/Dw
1000-2300	Portuguese	15410
1100-0100	Spanish	17680/Chile
1100-1400	Hindi	9500/Dw
1200-1500	Chinese	13685/Dw
1200-2400	Spanish	9635/Chile
1300-1700	Indonesian	7245/Dw
1400-2000	Hindi	6260
1500-0500	English	4965/Zambia
1500-1800	Chinese	13695/Dw
1500-1800	English	15680/W
1800-2000	English	9490/W
2000-2100	English	7285/W
2200-0200	Chinese	15170/Dw
2300-0200	Indonesian	15250/Dw
2300-0700	Portuguese	11745

CVC International

0100-0300	English	7355/UZB
0300-0600	English	13685/UZB
0600-0900	English	15335/Dw
0900-1100	English	11955/Dw
1100-1800	English	13635/Dw
1200-1500	English	13830/J 15715/J
1500-1700	English	11705/J 11830/J

(Alokesh Gupta-IND)

CHINA Schedule of *China Radio International* in B06 [except for English (!), original said "see separate schedule" but I didn't see any! - ed.]

0000-0100	Cambodian	11990/Nn
0000-0100	Cantonese	11820/Xi 17495/Be
0000-0100	Chinese	6005/CAN 11780/Be 11845/Jin 11900/Be 13580/Be 13655/Xi

0000-0100	Hakka	6140/Kun 9460/Kun 9550/Kun 9610/Kun 15100/Jin	0600-0700	Chinese	13620/Xi 15120/Be 15170/Be 15230/Xi 17615/Kun 17650/Kash 17740/Xi
0000-0100	Mongolian	9470/Xi 11875/Be	0600-0700	Italian	15620/Kash
0000-0100	Portuguese	6100/Be 9435/Kash 11850/GUF	0600-0800	French	15220/Kash
0000-0100	Russian	5905/Kash 5990/Hoh 7110/Hoh	0600-0800	German	15245/Kash 17720/Ur
0000-0100	Spanish	5990/HAB 9475/Qi 9590/ Kash 9745/ANT 9800/Kash	0600-0800	Spanish	15135/Kash
0000-0100	Vietnamese	9665/Kun 11770/Be 13680/Xi	0700-0800	Chaozhou	13730/Xi 15145/Xi
0100-0200	Amoy	9460/Kun 9550/Kun 9610/Kun 9860/Jin 11945/Kun 11980/Kun 15425/Xi 17495/Be	0700-0800	Chinese	11855/ALB 17650/Kash 17740/Xi
0100-0200	Chinese	13655/Xi 15160/Be	0700-0900	Cantonese	11640/Be 13610/Xi
0100-0200	Hakka	13580/Be 15140/Xi	0800-0900	Chinese	9440/Jin 15565/Xi 17560/ Xi 17650/Kash
0100-0200	Russian	5905/Kash 13600/Xi	0800-1000	Russian	15360/Kash 15665/Kash
0100-0200	Spanish	9595/Kash 9710/Kash	0830-0930	Indonesian	15135/Kun 17735/Be
0100-0200	Urdu	7155/Kash 7240/Kash	0900-1000	Chinese	7190/Jin 9440/Xi 11980/ Kun 15250/Kun 15340/ Kun 15440/Kun 15525/Ur 17500/Kash 17540/Be 17670/Kun
0130-0230	Nepali	11860/Kun 13780/Kun	0900-1000	French	17650/Kash
0200-0230	Pashto	6065/Kash 7150/Kash	0900-1000	Romanian	7130/ALB 9460/ALB
0200-0300	Bengali	9655/Kun 11640/Xi	0930-1030	Malay	15135/Kun 17680/Nn
0200-0300	Chinese	6020/ALB 7220/Qi 7330/ Kash 9410/Be 9570/ALB 9690/Spain 13655/Xi 15160/Be	1000-1100	Cantonese	15440/Kun 17670/Kun
0200-0300	Hakka	15425/Xi 17495/Be	1000-1100	Chinese	5965/Jin 15525/Ur 17500/Kash 17650/Kash
0200-0300	Russian	5915/Kash 17640/Xi	1000-1100	Hakka	7255/Xi 11980/Kun 13850/Be 15250/Kun 15340/Xi 15525/Ur
0200-0300	Spanish	9595/Kash 9710/Kash 13685/GUF	1000-1100	Japanese	7190/Jin 9440/Xi
0200-0300	Tamil	11650/Kash 13610/Kash 13715/Kash	1000-1100	Russian	5915/Hoh 7110/Hoh 7290/ALB
0230-0330	Nepali	11730/Kun	1030-1130	Cambodian	15160/Nn 17680/Nn
0300-0400	Chinese	6020/ALB 9570/ALB 9590/Ur 9720/GUF 13655/ Xi 15130/Jin 15160/Be 17540/Be	1030-1130	Indonesian	11700/Kun 15135/Kun
0300-0400	Hindi	11640/Kash 13720/Kash 15210/Kash 15350/Kash	1100-1200	Cantonese	9540/Be 9590/Kun 9645/ Be 13580/Kun
0300-0400	Russian	7220/Kash 9435/Kash 11710/Ur 15425/Xi 15435/Xi 17710/Xi	1100-1200	Chaozhou	9440/Kun 11875/Kun
0300-0400	Spanish	9560/CAN 9665/Brasil	1100-1200	Chinese	5960/CAN 7200/Jin 9515/ Kash 11620/Xi 11980/Kun 17650/Kash
0300-0400	Tamil	13600/Kun 13735/Kash	1100-1200	Esperanto	6100/Ur 7210/Ur
0400-0500	Cantonese	9790/HAB 13655/Xi 15160/Be 17540/Kash	1100-1200	Japanese	7160/Xi 7190/Jin
0400-0500	Chinese	13640/Kash 15130/Jin 15170/Kash	1100-1200	Mongolian	7110/Hoh 7170/Xi
0400-0500	Hakka	15350/Ur 17505/Xi 17540/Kash 17710/Be	1100-1200	Portuguese	15540/Chile
0400-0500	Russian	5905/Kash 9435/Kash 15425/Xi 15445/Kash 15665/Kash 17640/Xi	1100-1200	Russian	5915/Hoh 6080/Xi 7290/ ALB
0400-0600	Vietnamese	11640/Kun 17740/Xi	1100-1200	Vietnamese	9550/Be 11600/Xi 11990/ Xi
0500-0600	Cantonese	15170/Jin 13655/Xi	1100-1500	Korean	5965/Xi
0500-0600	Chinese	13620/Xi 15120/Be	1130-1200	Burmese	9880/Kun 11680/Xi
0500-0600	Russian	15445/Kash 15665/Kash	1130-1200	Tagalog	7180/Jin 12110/Kun
0500-0700	Arabic	5985/ALB 7120/ALB 9590/ALB 17485/Kash	1130-1230	Thai	7360/Kun 9785/Kun
			1200-1230	Tagalog	9720/Xi 12110/Kun
			1200-1300	Cambodian	9440/Nn 11680/Nn 17680/Xi
			1200-1300	Chinese	7160/Nn 7180/Kun 7205/ Kash 9570/HAB 9855/Xi 15110/Ur 15540/Chile

1200-1300	French	17650/Kash	1530-1600	Pashto	6165/Ur 9665/Kash 11880/Kun
1200-1300	Japanese	7150/Xi 7190/Jin	1600-1700	Arabic	7130/SP 7300/Kash 9555/ ALB 11725/ALB 15125/ Mali
1200-1300	Mongolian	5915/Hoh 5990/Hoh	1600-1700	Hakka	9770/Ur 11825/Xi
1200-1300	Russian	5905/Kash 6100/Be 7140/ ALB 7215/Xi 9590/Xi 9685/Ur	1600-1700	Hindi	5915/Kash 7120/Kun 7235/Ur
1200-1300	Serbian	7130/ALB	1600-1700	Russian	5905/Kash 6040/Ur 7215/ ALB 7265/Ur
1200-1300	Vietnamese	9550/Be 11600/Xi 11990/ Kun	1600-1700	Swahili	5985/Be 7140/Xi 7160/Xi
1230-1330	Lao	7360/Kun 9785/Kun	1600-1700	Turkish	6165/Ur 7325/Xi
1230-1330	Malay	11955/Kun 15600/Kun	1600-1700	Vietnamese	6010/Xi 7360/Kun 11990/ Xi
1300-1400	Bengali	9490/Kash 9600/Xi 11610/Kun	1600-1800	French	7350/Kash
1300-1400	Burmese	9880/Kun 11680Xi	1600-1800	German	5970/ALB 7155/ALB
1300-1400	Chinese	7160/Nn 7205/Be 9855/Xi 13650/Ur 15230/CAN	1630-1730	Hausa	9620/Kash 9670/Kun
1300-1400	Esperanto	9440/Be 11650/Xi	1700-1800	Arabic	7300/Kash 9555/ALB 11725/ALB
1300-1400	French	13685/Mali 13710/Kash 17880/Mali	1700-1800	Cantonese	6090/Kun 7220/Ur 9770/ Xi
1300-1400	Hindi	7265/Kash 9635/Kash	1700-1800	Russian	5905/Kash 6040/Ur 6070/ Xi 7105/Xi 7265/Ur
1300-1400	Japanese	7190/Jin 7215/Xi	1700-1800	Swahili	5985/Be 7140/Xi 11640/ Mali 15125/Mali
1300-1400	Mongolian	6100/Be 7285/Be	1730-1800	Chinese	6150/ALB 7120/Ur 7160/ Ur 7315Kun 9645/Kun 9745/Kun
1300-1400	Russian	5905/Kash 5915/Hoh 5990/Hoh 7180/Kash 7120/ALB	1730-1800	Hausa	9450/Kash 9685/Kash
1300-1500	Vietnamese	9550/Be 11990/Kun	1800-1830	Chinese	6100/RSA 6150/ALB 7120/Ur 7160/Ur 7315Kun 9645/Kun 9745/Kun
1330-1430	Indonesian	9535/Kun 11955/Kun	1800-1830	Farsi	7130/SP 7140/Ur 9670/ Kun
1330-1430	Thai	7360/Kun 9785/Kun	1800-1830	French	5970/ALB 6055/ALB 7180/ALB 7385/ALB
1400-1500	Amoy	9655/Be 11650/Xi	1800-1830	Hausa	9450/Kash 9685/Kash 11640/Mali 13670/Mali
1400-1500	Bengali	9490/Kash 11610/Kun	1800-1900	Chaozhou	6010/Ur 7285/Xi
1400-1500	Cambodian	6055/Nn 9600/Xi	1800-1900	Italian	7150/Jin 7340/Kash
1400-1500	Chinese	7210/Jin	1800-1900	Russian	5905/Kash 6070/Xi 7190/ Ur 7255/ALB 9535/F
1400-1500	Japanese	7115/Xi 7190/Jin	1800-2000	German	6160/Kash 7170/Kash 9615/Ur
1400-1500	Mongolian	5915/Hoh 5990/Hoh	1830-1900	Bulgarian	6020/ALB 7265/Xi 9695/ Jin
1400-1500	Nepali	7160/Kun 7180/Be	1830-1900	Chinese	6100/RSA
1400-1500	Russian	5905/Kash 7330/Xi 9450/ ALB	1830-1900	Farsi	7140/Ur 9670/Kun
1400-1500	Sinhala	7265/Kash 9610/Kun 11900/Jin	1830-1930	Arabic	7200/M 11640/Mali 13685/Mali
1400-1500	Tamil	9665/Kun 11685/Kash	1830-2000	French	5970/ALB 6055/ALB 7180/ALB 7350/Ur 7385/ ALB 9645/Kun
1400-1600	French	11920/ALB 13670/ALB	1900-1930	Czech	7150/Ur 7325/Xi
1400-1600	Urdu	6075/Kun 7285Kash	1900-1930	Hungarian	7110/Jin 9560/Ur
1430-1500	Tagalog	11695/Xi 12110/Kun	1900-1930	Portuguese	5985/Xi 7180/Xi 7335/Jin 9620/Kash 9635/Kash
1430-1530	Lao	7360/Kun 9675/Kun	1900-1930	Romanian	6145/Xi 7305/F
1500-1530	Farsi	6165/Ur 11700/Kun	1900-1930	Turkish	7255/Xi 9655/Kun
1500-1530	Pashto	9665/Kash 11880/Kun	1900-2000	Albanian	6020/Ur 7130/Kun
1500-1600	Bengali	9610/Xi 9690/Kun	1900-2000	Cantonese	7215/Be 9770/Kash
1500-1600	Chinese	7150/Be 7265/Kash 9560/ Kash 9700/Kash 7150/Be 13680/Kash			
1500-1600	Hausa	7170/Mali			
1500-1600	Hindi	7115/Kash 7235/Ur			
1500-1600	Japanese	5980/Xi 7190/Jin			
1500-1600	Nepali	7215/Kun 9535/Kun			
1500-1600	Russian	5905/Kash 5915/Hoh 5965/ALB 5990/Hoh 6025/Xi 6105/ALB 6180/ Be			
1500-1600	Tamil	9490/Kash 11800/Kash			
1500-1600	Turkish	7120/ALB 9565/ALB			
1500-1600	Vietnamese	9455/Kun 9550/Be			

1900-2000	Russian	5905/Kash 6100/Be 6110/ Xi 7245/Kash	2300-2400	Spanish	6175/ALB 7210/ALB 7250/Ur 9590/Kash 9800/ Kash
1930-2000	Czech	7150/Ur 7305/F	2300-2400	Vietnamese	7220/Xi 9415/Be
1930-2000	Portuguese	5985/Xi 7180/Xi 7335/Jin 9620/Kash 9635/Kash 11640/Mali 13630/Mali	2330-0030	Sinhala	6065/Kash 9490/Kash (various sources, as of Nov 4/WWDXC DX Magazine/ Eibl-DE)
1930-2000	Romanian	6145/Xi 7200/Jin			
1930-2000	Turkish	7225/M 7255/Xi 9655/Kun			
1930-2030	Esperanto	7265/Kash 9745/Ur			
2000-2030	French	7350/Ur 9645/Kun			
2000-2030	Serbian	7130/Kash 7180/Jin 9585/Kash			
2000-2100	Chinese	7120/Xi 7335/Ur 7245/Be 9865/Kun			
2000-2100	Polish	6020/Kash 6145/F 7150/ Ur			
2000-2100	Russian	7255/Xi 9525/Be			
2000-2200	Arabic	6100/Kash 6185/ALB 7215/ALB			
2030-2100	Bulgarian	7160/Xi 9720/Ur			
2030-2100	Hungarian	7110/Jin 9585/Kash			
2030-2130	French	7200/Ur 7215/Sam 11660/ Kash			
2030-2130	Italian	7180/Kash 7265/Kash			
2100-2130	Albanian	6145/F			
2100-2130	Serbian	7110/Jin 7160/Ur			
2100-2200	Korean	7290/Xi			
2100-2200	Portuguese	17645/Chile			
2100-2200	Spanish	6020/ALB 9640/Kash			
2130-2200	Hungarian	6145/F 7120/Xi			
2130-2230	French	7200/Ur 11660/Kash 11975/Mali 13630/Mali			
2200-2230	Chinese	6140/Kun 7125/Kun 7190/Xi 7220/Kun 7265/ Kun 7305/Be 7325/Kun 9460/Kun			
2200-2300	Esperanto	7315/Kash 9860/Kash			
2200-2300	Japanese	5985/Xi 7110/Jin			
2200-2300	Korean	7210/Xi			
2200-2300	Portuguese	7160/ALB 9410/Kash 9685/Kash			
2200-2300	Spanish	6020/ALB 6175/ALB 7210/ALB 7250/Ur 9490/ Be 9640/Kash 13700/CAN			
2230-2300	Chinese	6140/Kun 7125/Kun 7190/Xi 7220/Kun 7265/ Kun 7305/Be 7325/Kun 9460/Kun 11975/Mali 15505/Mali			
2300-0100	Cambodian	9765/Nn			
2300-2400	Cantonese	6140/Kun 7325/Kun 9425/Kun 9460/Kun 9965/Jin 11945/Kun			
2300-2400	Chinese	7170/Mali 11975/Mali			
2300-2400	Japanese	9435/Xi 9695/Jin			
2300-2400	Mongolian	6185/Xi 7205/Xi			
2300-2400	Portuguese	6100/Be 13650/HAB			
2300-2400	Russian	5905/Kash 5990/Hoh 7110/Hoh			

CLANDESTINE—MIDEAST Radyo Democrasi Shorafi (Radio Council Democracy) broadcasting in Persian on 7435 kHz at 1700-1800 on Friday 24 November 2006; the full opening announcement was translated as follows: "You are listening to the Voice of the Council Democracy. Radio Council Democracy is the voice of the workers, proletariat, women and all the oppressed people who are fighting for freedom and socialism." A website address was given near the end of the broadcast, www.radioshora.org. This Persian-language site features an on-demand audio archive of their broadcasts. Shortwave airtime broker Ludo Maes' website lists this broadcast airing on Tuesday, Thursday, Friday and Sunday. (BBC Monitoring via MN Weblog/Australian DX News via ARDXC)

CONGO—DEMOCRATIC REPUBLIC 5066.34, 0425-0450 24-12, *La Voix du Peuple*, Bunia, Vernacular talks, native singing. Seems reactivated! 15121 AP-DNK (Anker Petersen, Skovlunde, Denmark, @tivade DX Dec 25/DX Listening Digest/-Hauser-OK)

CUBA Radio Habana Cuba in Spanish B06:

0000-0500	5965 6000 6060 6140 6180 9550 9600 . 11760 11875 15230
0500-0700	6000 6060 6180 9550 11760
1100-1300	6000 6180 9550 9600 11760 11805 12000 15230
1300-1400	6000 9550 11760 11805 12000 13680 15230 15370
1400-1500	9550 11760 11805 12000 13680 15230 15370
2000-2100	9505 11760 11800
2100-2130	9505 9550 11760 11800 15230 15340
2130-2200	5965 9505 9550 11760 11800 15230 15340
2200-2230	5965 9505 9550 11800 15230 15340
2230-2300	5965 6000 6180 9505 9550 11800 15230 15340
2300-2400	5965 6000 6180 9550 11875 15230 15340

(Coro-RHC, Cuba/WWDXC DX Magazine/Eibl-DE)

DOMINICAN REPUBLIC 5009.78 *Radio Pueblo*, 1100, 12/20/06. Tuned in just as they were coming on with clear Radio Pueblo ID into usual talk program by man. Heard again other days starting up after 1100 straight into program in process. I've been checking this regularly and have not heard any Crystal IDs (John Herkimer-NY/NASWA Flashsheet)

1700-1725 Yiddish 6985 7545 9345
 1730-1745 Romanian 6985 7545 9345
 1745-1755 Hungarian 6985 7545 9345
 1800-1815 French 6985 7545 9345
 1815-1830 Spanish 6985 7545 9345
 1830-1845 English 6985 7545 9345
 1845-1900 Romanian 6985 9345
 1900-1930 Amharic 6985 9345
 1900-2000 Hebrew 7545
 1930-1945 Tigrina 6985 9345
 1945-1955 Hungarian 6985 9345
 2000-2025 English #6280 7545 *9345 15640
 2030-2045 French #6280 6985 7545 *9345
 2045-2100 Spanish #6280 6985 7545 *9345
 2100-0430 Hebrew 7545
 2100-2200 Russian 6985
 2100-2215 Hebrew 11585

til February 28

* from March 1

(DX Mix-BUL)

KOREA—NORTH *Voice of Korea*, Pyongyang, for B06:

0000 Chinese 13650 15100
 0000 Korean** 7140 9345 9730
 0000 Spanish 11735 13760 15180
 0100 English 7140 9345 9730 11735 13760
 15180
 0100 French 13650 15100
 0200 Chinese 7140 9345 9730
 0200 English 13650 15100
 0200 Spanish 11735 13760 15180
 0300 Chinese 13650 15100
 0300 English 7140 9345 9730
 0300 French 11735 13760 15180
 0700 Japanese 3250 7580 9650
 0700 Korean** 7140 9345
 0700 Russian 9975 11735 13760 15245
 0800 Chinese 7140 9345
 0800 Japanese 3250 7580 9650
 0800 Russian 9975 11735 13760 15245
 0900 Japanese 3250 6070 7580 9650
 0900 Korean* 7140 9345
 0900 Korean** 9975 11735 13760 15245
 1000 English 6185 6285 9325 9850
 1000 Japanese 3250 6070 7580 9650
 1000 Korean** 7140 9345
 1100 Chinese 7140 9345
 1100 French 6185 6285 9325 9850
 1100 Japanese 3250 6070 7580 9650
 1200 Japanese 3250 6070 7580 9650
 1200 Korean* 6285 9325
 1200 Korean* 6185 9850
 1200 Korean** 7140 9345
 1300 Chinese 6185 9850
 1300 English 7570 9335 11710 12015
 1300 Korean** 6285 9325
 1400 French 7570 9335 11710 12015
 1400 Korean* 6185 9850
 1400 Russian 6285 9325
 1500 Arabic 9990 11545

1500 English 7570 9335 11710 12015
 1500 Russian 6285 9325
 1600 English 9990 11545
 1600 French 7570 9335 11710 12015
 1600 German 6285 9325
 1700 Arabic 9990 11545
 1700 Korean* 7570 9335 11710 12015
 1700 Russian 6285 9325
 1800 English 7570 12015
 1800 French 7100 9975 11535 11910
 1800 German 6285 9325
 1900 English 7100 9964 11535 11910
 1900 German 6285 9325
 1900 Spanish 7570 12015
 2000 French 7570 12015
 2000 Korean* 6285 7100 9325 9975 11535
 11910
 2100 Chinese 7180 9345 9975 11535
 2100 English 7570 12015
 2100 Japanese 3250 7580 9650
 2200 Chinese 7180 9345 9975 11535
 2200 Japanese 3250 7580 9650
 2200 Spanish 7570 12015
 2300 Japanese 3250 7580 9650
 2300 Korean* 7180 7570 9345 9975 11535
 12015

* KCBS

** PBS

(Arnulf Piontek-DE/WWDXC DX Magazine/Eibl-DE)

KOREA—SOUTH *KBS World Radio* B06 schedule:

0100-0200 Spanish 15575
 0200-0300 English-1 9560Sa 15575
 0300-0400 Korean-2 11810
 0600-0630 Spanish 6045Sa
 0700-0800 Korean-2 9870Sk
 0800-0900 English-1 9570
 0800-0900 Japanese 7275
 0800-0900 English-1 9640
 0900-1100 Korean-1 7275 9570
 1100-1200 Japanese 7275
 1100-1200 Spanish 11795Sa
 1130-1230 Chinese 6065 9770
 1200-1300 English-1 9650Sa
 1200-1300 Indonesian 9570
 1200-1300 Korean-2 7275
 1230-1300 Vietnamese 9770
 1300-1400 Chinese 7275
 1300-1400 English-1 9570 9770
 1400-1500 Korean-2 9650Sa
 1400-1500 Japanese 7275
 1400-1500 Indonesian 9570
 1430-1500 English-2 9750R (DRM) Fr
 1500-1530 Vietnamese 9640
 1600-1700 Korean-1 7275
 1700-1800 Korean-1 7150 7275 9515
 1800-1900 Korean-1 7150 9515
 1800-1900 Russian 7235
 1900-2000 Arabic 7180R
 1900-2000 English-1 7275
 2000-2100 German 3955Sk

2100-2200	French	3955Sk
2200-2230	English-2	3955Sk
2200-2300	Indonesian	9805
2300-2400	Chinese	7275 9805
2400-0100	Japanese	11810

R=Rampisham
 Sa=Sackville
 Sk=Skelton

(KBS website as of 10 Nov 2006, via JKB/WWDXC DX Magazine/Eibl-DE)

MEXICO XEYU, 9599.4, again on air Dec 22 at 1447 check, and again with guitar music interlude with talk about something in Spanish before and after, usual het from 9600.0. Not enough punch to be listenable, unfortunately. Also could hear a het at 2104 and 2113. Julian Santiago thinks this will remain on air thru the holidays until Jan 2. I wonder if anyone further away, even in other continents, is hearing it? (Glenn Hauser, OK, DX Listening Digest)

MOLDOVA (PMR) I can confirm that the station on 6235 is the external service of the "breakaway" Pridnestrovye Moldovan Republic (PMR). The station is heard daily in English at 1700-1720, followed by a program in another language, usually German, but on one occasion French was heard. Modulation tends to be distorted but the announcer speaks good English and the scripts are well-written, apart from a few howlers such as a reference to the PMR's "traditional binds with Russia" (instead of "ties!") The station claims that the PMR is a fully independent, democratic state. It says it is irrelevant that the state was "self-declared," as its critics argue, because all European states are self-declared entities. It criticizes the neighbouring Moldovan Republic for allegedly "wanting to unite with Romania," adding that "Our land has never been Romanian territory and never will be." At the end of each program it announces an address at "Rosa Luxembourg Street" (the rest is unclear) and gives an equally unclear email address (Roger Tidy, UK, Dec 28/DX Listening Digest/Hauser-OK)

NEW ZEALAND Radio New Zealand International schedule revised November 8:

0559-1058	9870 9890DRM
1059-1258	13840 9870 DRM
1259-1750	5950 7145 DRM
1751-1850	9870 11675 DRM
1851-1950	11675 15720 DRM
1951-2150	17675 11675 DRM
2151-0358	15720 17675 DRM

(Alokesh Gupta-IND)

NIGERIA Voice of Nigeria back to more or less full schedule, which seems to be as following now:

0500-0800	15120, English, French as usual
0800-1600	????
1600-1700	11770, Igbo, Arabic

1700-2100	15120, English
2100-2300	7255, French, Hausa

Homepage is still a chaos with no actual schedule (Thorsten Hallmann-DE, Dec 27, dxing.info/DX Listening Digest/Hauser-OK)

PAKISTAN Updated B-06 schedule for Radio Pakistan:

0045-0115	Assami	7445.0 9340.4
0045-0215	Urdu	11580.0 15480.0
0115-0200	Bangla	7445.0 9340.4
0215-0300	Hindi	7445.0 9340.4
0315-0345	Tamil	11565.0 15620.4
0400-0430	Gujarati	7445.0 9350.4
0500-0700	Urdu	11570.0 15100.0 15625.0
0730-0830	English	15100.0 17835.0
0830-1100	Urdu	15100.0 17835.0
0945-1015	Tamil	15625.4 17480.0
1015-1045	Sinhala	15625.4 17480.0
1100-1105	English	15100.0 17835.0
1100-1145	Hindi	7445.0 9350.4
1200-1230	Chinese	9385.0 11570.0
1200-1245	Bangla	7445.0 9350.4
1245-1315	Nepali	7445.0 9350.4
1330-1400	Turki	4835.4
1330-1530	Urdu	7530.0 11570.0
1415-1445	Russian	7550.0 9300.4
1500-1545	Pashto	5095.0
1515-1545	Dari	4835.4
1600-1615	English	6215.4 7530.0 11570.0
1630-1700	Turkish	6215.4 7545.0
1700-1900	Urdu	7530.0 9380.0
1715-1800	Persian	5835.0 6235.4
1800-1900	Urdu	5835.0 Islamabad program
1815-1900	Arabic	6235.4 7545.0
1915-0045	Urdu	5835.0 Islamabad program

(DX Mix-BUL)

PAPUA NEW GUINEA 7120 Wantok Radio Light, Port Moresby, has come under criticism for continuing to operate on this frequency in the shared 40 mb Amateur Radio Service Band for Region 3 (Australia, Asia, Pacific). This has forced the Wireless Institute of Australia to move one of its net channels from 7117 to 7140, due to severe interference from the Port Moresby station. To avoid this interference, Wantok Radio Light plans to adjust its 41 mb service to a frequency in the range 7300 to 7400, outside of the 40 mb amateur band. The station was planning to introduce its new higher frequency during 2007. (Padula-AUS, Nov 17/DSWCI DX-Window/Petersen-DK)

PERU 5323.7 La Voz del Anta, (p), 1045-1115, Dec 20 and 24, steady Huaynos music, 1057 Spanish comments, but really threshold and beyond the possibility of copying details. (Bolland-FL)

Reactivated 9504.9 **Radio Tacna**, Tacna in Spanish at 1809. (Alfredo Benjamin Canhoto, Lima, Peru, Dec 26/DX Listening Digest/Hauser-OK)

RUSSIA Foreign relays via shortwave transmitters
of Russia and CIS countries

Moscow / RUS

5920 1900-2100 DWL DRM
6000 1900-2000 YFR
7170 2200-2300 CRI
7200 1830-1930 CRI
7220 1930-2000 CRI
7335 1600-1630 BBC Mon-Fri
7335 1600-1700 BBC Sat, Sun
7345 1630-1700 FEB
11730 1300-1330 BBC

Sankt-Petersburg / RUS

5960 1800-1900 VRT
6015 1700-1730 TWR
7130 1600-1700 CRI
7130 1800-1830 CRI
11760 1300-1400 BBC
13685 0700-0800 VRT

Samara / RUS

5900 1400-1500 YFR
5900 1500-1600 YFR
5935 1800-1900 IBR
6070 1330-1400 VAT
7215 2030-2130 CRI
7220 0200-0300 FEB
7240 1900-2000 YFR
7305 1700-1730 VOL Mon, Thu
7305 1700-1800 VOP Tue, Sat
7305 1700-1800 DER Wed
7305 1700-1800 VOE Fri, Sun
7315 1600-1645 TWR Mon-Wed
7315 1600-1630 TWR Thu, Fri
7345 1800-2000 YFR
9440 0500-0600 BBC
9445 1600-1700 LBT Wed, Fri, Sun
9445 1600-1700 ERI Thu
11655 0400-0500 FEB Mon-Thu
11655 0400-0550 FEB Mon-Sun
15180 0600-0700 BBC Mon-Sat
15180 0800-0900 BBC Mon-Sat

Krasnodar / RUS

5910 1730-1930 DWL
5940 1545-1730 TWR
5940 1730-1800 RPR
5955 1600-1800 RNW
6030 1300-1500 BBC
6165 0330-0430 BBC
7120 0000-0200 DWL
7175 1400-1600 YFR
7250 1530-1700 FEB
7300 1900-2200 YFR
7335 1700-1730 VOD Mon-Fri
7335 1730-1800 RHR Sat-Thu
9400 1700-2100 BBC
9915 0445-0600 BBC Mon-Sat
11840 1800-1900 FSC Sat
11900 1500-1600 VOY

12065 0500-0530 BVB Mon, Wed
12065 0500-0545 BVB Fri
12095 0500-0700 BBC
13660 0445-0700 BBC
13660 0900-1300 BBC
13780 0400-0600 DWL
15555 0900-1500 BBC

Novosibirsk / RUS

5900 1300-1330 DWL
5900 2200-2400 DWL
5925 1730-1930 DWL
5950 1245-1545 TWR
7110 0100-0145 FEB
7190 1400-1515 FEB
7210 1900-2000 YFR
7295 1300-1500 VOA
7300 2315-2400 VAT
7340 1230-1315 VAT
7345 0015-0145 TWR
7350 2200-2300 RFI
9450 0200-0300 FEB
12070 0200-0330 VAT

Irkutsk / RUS

5900 0930-1030 RFI
7175 1200-1400 YFR
7210 1500-1700 RFA
7265 1000-1200 DWL
7320 1230-1600 TWR
7340 1400-1500 YFR
7340 1500-1545 FEB
9450 0900-1200 YFR
11980 0300-0700 RFA
12065 1000-1100 RNW
15510 0230-0300 BBC

Chita / RUS

5920 1400-1500 RFI
6140 1315-1400 VAT
7115* 1300-1330 DEG Tue, Thu, Sat

* alternative 7125, 7195

Khabarovsk / RUS

5950 1130-1245 BVB
5985 1030-1145 BVB Sun
9600* 2200-2245 VAT
9795 1000-1100 RNW
13785 0000-0045 VAT

* 29/10/2006—01/12/2006* 03/02/2007—24/03/2006

Komsomolsk-na-Amure / RUS

5900 1030-1150 DWL
6005 1200-1300 YFR

Vladivostok / RUS

7115 1230-1300 IBR
7315 2200-2300 RFI
7330 1100-1530 BBC
15565 2330-0030 RFA

Petropavlovsk-Kamchatskiy / RUS

5900 1200-1300 IBR
 5910 1000-1200 DWL
 5910 1300-1400 RNW
 6040 1000-1100 RNW
 7150 1000-1100 YFR
 7165 1100-1500 YFR
 9600* 2200-2245 VAT
 15320 0000-0100 DWL

* 02/12/2006—02/02/2007

Almaty / KAZ

7395 2200-2400 DWL
 7435 1700-1900 YFR
 7460 1630-1700 VOO Tue, Fri
 7530 2330-0015 TWR
 7535 1300-1500 YFR
 9310 1300-1400 YFR
 11510 1000-1200 DWL
 12150 1100-1300 YFR

Gavar / ARM

5885 0030-0200 FEB
 6210 1800-2000 VRT
 9415 1430-1530 DVB
 15515 0400-0700 CVC

Grigoriopol / MDA

6040 2100-2300 RNW
 7460 0230-0315 RPD
 7480 1800-1845 RPD
 7590 1500-1700 MEZ
 11530 0500-1500 MEZ
 17665 1200-1400 SAM

Nikolaev / UKR

6245 1700-2200 ZMN
 7430 1600-1700 YFR
 11820 0600-1300 BBC

Orzu / TJK

5865 1300-1700 YFR
 6225 2300-2350 DWL

Yanivul / TJK

5830 1900-1930 RPR
 6010 1600-1630 RFI
 7495 1500-1700 BBC
 7510 1700-2100 BBC
 7515 1600-1700 RFA
 7515 2330-0030 RFA
 11535 0030-0130 RFA
 17515 0600-0700 RFA
 16 mb* 1050-1350 VOT
 41 mb* 1350-1520 VOT

* various frequencies in the specified range

Tashkent / UZB

5820 1800-1900 YFR
 5995 1800-1900 RFI
 6260* 1400-1700 CVC

6260 1700-2000 CVC
 7355 0100-0300 CVC
 7365 1400-1500 FEB
 7370 0100-0130 BBC
 7375 0000-0100 FEB
 7430 1330-1530 BBC
 7485 1400-1500 BVB Thu, Fri
 7505 1400-1600 YFR
 9310 1430-1600 VAT
 9345 1400-1600 RNW
 9500 1100-1400 CVC
 9570 0100-0400 CVC
 13630 0400-1100 CVC
 13685 0300-0600 CVC

* Alternative 9855

BBC—*British Broadcasting Corp.*
 BVB—*Bible Voice Broadcasting Network*
 CRI—*China Radio Int.*
 CVC—*CVC Int.*
 DEG—*Degar Voice*
 DER—*Dejen Radio*
 DVB—*Democratic Voice of Burma*
 DWL—*Deutsche Welle*
 ERI—*V of Eritrea*
 FEB—*FEBA Radio*
 FSC—*Radio Free Southern Cameroons*
 IBR—*IBRA Radio*
 LBT—*Voice of Liberty*
 MEZ—*Voice of Mesopotamia*
 RFA—*Radio Free Asia*
 RFI—*Radio France Internationale*
 RHR—*Radio Horyaal*
 RNW—*Radio Nederland Wereldomroep*
 RPD—*Radio Payam-e Doost*
 RPR—*Radio Prague*
 SAM—*Sawt al-Amal / V of Hope*
 SHI—*Shiokaze (Radio Sea Breeze)*
 TWR—*Trans World Radio*
 VAT—*Radio Vaticana*
 VOA—*Voice of America*
 VOD—*Voice of Delina*
 VOE—*V of Ethiopian National United Front*
 VOL—*Voice of Oromo Liberation*
 VOO—*Voice of Orthodoxy*
 VOP—*V of Ethiopian People*
 VOT—*Voice of Tibet*
 VOU—*V of Unity*
 VRT—*Radio Vlaanderen Int.*
 YFR—*WYFR Family Radio*

(Nikolay Rudnev-RUS, Rus-DX Dec 24/DX Listening Digest/Hauser-OK)

3955 *Radio Rossii*, Ulan Ude, 1311, Nov 19, rather new channel. No local broadcasting—too late for this near Baikal lake region. (Mezin and Kulichenko-RUS/DSWCI DX-Window/Petersen-DK)

Some changes for *Voice of Russia* in DRM mode:
 0700-0800 Russian 12060 MSK, additional
 0800-1000 English WS 12060 MSK, additional

1100-1300 German 12060 MSK, cancelled
 1300-1400 English WS 12060 MSK, cancelled
 (DX Mix-BUL)

SERBIA International Radio Serbia, B06 schedule, effective as of November 06 All broadcasts via Bijeljina-Jabanusa, Bosnia (BIH)

1730-1745 Arabic 6100
 1745-1800 Hungarian 6100
 1800-1815 Greek 6100
 1815-1830 Italian 6100
 1845-1900 Mandarin 6100
 1900-1930 Russian 6100
 1930-2000 English 6100
 2000-2030 Spanish 6100
 2030-2100 Serbian 6100 Su-Fr
 2030-2130 Serbian 6100 Sa
 2100-2130 German 6100 Su-Fr
 2130-2200 French 6100

(Dragan Lekic-Serbia/WWDXC DX Magazine/Eibl-DE)

SOUTH AFRICA Channel Africa and other short-wave transmissions in B06 via Sentech Ltd. facilities:

Adventist World Radio (AWR)

1700-1730 Swahili 11915
 1730-1800 Masai 11915
 1800-1830 English 3215 3345 11830
 1900-1930 Fulfulde 15140
 1930-2000 Hausa 11750
 2000-2030 English 9655
 2000-2030 French 11845
 2030-2100 Yoruba 11845

BBC

0300-0330 Swahili 9610
 0300-0400 English 3255 6005 6190
 0400-0430 Swahili 15400
 0400-0500 English 3255 7120
 0430-0530 Portuguese 3390 6145 7205 Mo-Fr
 0500-0600 English 3255 11765
 0530-0600 Kirundi 17885 Sa/Su
 0600-0700 English 6190 11765 11940
 0700-0730 French 17695
 0700-1500 English 6190 11940
 1430-1600 Swahili 11810 Sa
 1500-1530 English 6190 11940 17885
 1530-1600 English 6190 11940
 1530-1615 Swahili 17885Su
 1530-1630 Swahili 17885 Mo-Fr
 1600-1700 English 3255 6190
 1615-1700 English 17885 Sa/Su
 1630-1700 Kirundi 17885 Mo-Fr
 1700-1900 English 3255 6190 12095
 1745-1800 Swahili 7230
 1800-1830 French 7230
 1900-2200 English 3255 6190
 2030-2100 Portuguese 3390 6135 7260 Mo-Fr

Channel Africa

0300-0355 English 7390
 0300-0355 Swahili 6120
 0300-0500 English 3345
 0400-0455 French 7305
 0500-0555 English 7240 9685
 0555-0600 English 7240
 0600-0655 English 7240 15255
 0655-0700 English 7240
 0700-0800 English 9620
 0800-0900 Nyanja 9620
 0900-1000 Lozi 9620
 1000-1200 English 9620
 1200-1300 Nyanja 9620
 1300-1400 Lozi 9620
 1400-1600 English 9620
 1500-1555 English 17770
 1500-1555 Swahili 17780
 1600-1655 French 15235
 1700-1755 English 15235
 1900-2000 Portuguese 3345
 2000-2200 English 3345

China Radio International

1500-1800 English 6100
 1800-1900 Chinese 6100

Family Radio

1900-2100 English 3230
 1900-2000 Swahili 9660
 2100-2200 English 5955

FEBA Radio

1430-1500 Nuer 12125
 1500-1515 Amharic 12125
 1530-1545 Dinka 12125
 1545-1600 Makonde 12125
 1600-1700 Amharic 12125

Hirondelle Foundation - Radio Okapi

0400-0600 French 11690
 1600-1700 French 11890

Radio France International

0300-0400 French 5925
 0600-0700 Portuguese 11830
 0700-0800 French 15170
 1100-1200 French 17525
 1200-1230 French 15160
 1230-1300 French 15160 17525
 1300-1400 French 15160
 1600-1700 English 9730 15160
 2000-2200 French 7160

Radio Sonder Grense

0500-0700 Afrikaans 7185
 0700-1700 Afrikaans 9650
 1700-0500 Afrikaans 3320

South African Radio League

0800-0900 English 7205 17695 Su
 1900-2000 English 3215 Mo

Christian Voice		0100-0200	English	6065 9505
0515-1545	English 9555	0145-0200	Spanish	5985 7570 9525 9985 11855
United Nations Radio		0145-0345	Portuguese	7520
1730-1745	English 7170 Mo-Fr	0200-0300	English	5985 6065 9505 9525 11855
1900-1915	French 5970 15240 Mo-Fr	0200-0300	Spanish	7570 9985 11740
Trans World Radio (TWR)		0300-0345	Spanish	5985 6855 7570 9525 9680 11885
0330-0345	7215 Sidamo We/Th	0300-0400	English	6065 9505 9985 11740
0330-0345	7215 Amharic Mo/Tu/Fr/Sa	0304-0400	Russian	7780
0327-0357	7215 Oromo Su	0345-0400	Spanish	5985 6855 9680 11885
0600-0645	11640 English Mo-Fr	0400-0445	English	6065 6855 7780 9505 9715
0600-0615	11640 English Sa/Su	0400-0445	Spanish	5985 9985 11855
1600-1630	9675 Kirundi	0400-0500	Arabic	7520
1625-1655	9660 Somali	0400-0500	Portuguese	11580
1645-1700	9930 Oromo/Boran Su-Tu	0404-0500	German	9355
1645-1700	9930 Kambaata We/Th	0445-0500	English	6855 7780 9715
1645-1700	9930 Hadiya Fr/Sa	0500-0600	Arabic	9985
1657-1712	9660 Juba Tu-Fr	0500-0600	English	6855 7520
1657-1727	9660 Juba Sa-Mo	0500-0600	French	11530 11580
1700-1715	9930 Amharic Su	0500-0600	German	7780
1700-1730	9930 Amharic Mo-Sa	0500-0600	Mandarin	5985
1703-1718	7265 Sena	0500-0600	Spanish	6000 9355 9715
1715-1745	9930 Oromo Su	0504-0600	Russian	5745
1718-1733	7265 Yao	0600-0645	Cantonese	5985
1730-1800	9930 Oromo Mo-Fr	0600-0700	English	6000 7780 9680 11530 11580
1730-1800	9930 Amharic Sa	0600-0700	French	7520 9985
1733-1748	7265 Yao Tu/Fr/Su	0600-0700	Italian	9355
1745-1800	9930 Amharic Su	0600-0700	Spanish	6855 9495 9715
1755-1825	9620 Pulaar Mo-Fr	0700-0745	English	6855 7455 7780 9495 9715 9985
1755-1825	9620 French Sa/Su	0700-0745	Italian	11530
1810-1840	9720 Bambara	0700-0745	Portuguese	9355
1830-1900	9510 Fulfulde	0700-0745	Spanish	6000 7520 9680
1830-1900	9745 Hausa	0700-0800	Arabic	11580
1840-1910	9720 French Sa-Th	0745-0800	English	6855 7455 9495 9715 9985
1840-1910	9720 Songhai Fr	0745-0800	Spanish	6000
1900-1930	9510 Yoruba	0800-0845	English	5950 6855 7455 9985
1900-1915	9745 Kanuri	0800-0845	French	11580
1910-1925	9720 French Su-Th	0800-0900	Portuguese	6105 9605 9680
1910-1925	9720 Moore Fr	0800-0900	Spanish	5745 6000 9495 9555 9715 11740
1910-1940	9720 Moore Sa	0845-1000	English	5950 6855 7455
1925-1940	9720 Moore Mo-Fr	0900-0945	Spanish	5745 6000 6890 9495 9555 9715 11740
1925-1940	9720 Songhai Su	0900-1000	Portuguese	6105 9575 9605 9680
1930-1945	9510 Twi Mo/Tu	0945-1000	Spanish	6890 9555 9715 11740
1930-1945	9510 Ewe Sa/Su	1000-1045	English	5950 6855 6980 7455 9680 11740
1945-2000	9510 Igbo Sa	1000-1045	French	9680 11740
1945-2015	9510 Igbo Su	1000-1045	Portuguese	6105 9575 9605
(Sentech website via JKB/WWDXC DX Magazine/EibL-DE)		1000-1100	Spanish	6000 6085 9555 9715
UNITED STATES WYFR schedule:		1045-1100	English	5950 6855 6980
0000-0045	English 6085 9505 9715 11720	1045-1100	French	11740
0000-0045	French 15400	1045-1100	Portuguese	9575
0000-0045	Portuguese 9690 11885 15170	1100-1145	English	5950 6000 6980 7780 11725 11830
0000-0045	Spanish 5985 11855 15215 17845			
0045-0100	English 6085 9505 11720			
0045-0100	Portuguese 9690 11885			
0045-0100	Spanish 5985 11855 15215			
0100-0145	Portuguese 7520 9690 11720			
0100-0145	Spanish 5985 7570 9525 9985 11855 11885			

1100-1145	Spanish	6085 6855 9555 9575 9605 9705 11740	1900-1945	French	17690 21455
1145-1200	English	6980 7780 11725 11830	1900-2000	Russian	9355
1145-1200	Spanish	6085 6855 9555 9605 9705 11740	1900-2000	Spanish	15130
1200-1245	English	6980 7780 11530 11970	1945-2000	English	15115 17535 17555
1200-1245	French	6855	2000-2100	Arabic	21525
1200-1245	Portuguese	11830	2000-2100	English	5745 6855 15115 17535 17555 17575
1200-1245	Spanish	6085 9555 9705 11725 11740 13615	2000-2100	German	9355
1245-1300	English	7780 11530 11970	2000-2100	Spanish	5985 11855 15130
1245-1300	Spanish	6085 9555 11725 11740 13615	2100-2145	English	5745 6855 15565 17555
1300-1345	English	7780 11830 11855 11970	2100-2145	German	11565
1300-1345	Portuguese	11530	2100-2200	Arabic	11665
1300-1345	Spanish	6085 9555 11725 13615 15130 15355	2100-2200	French	17575
1300-1400	French	11740	2100-2200	Portuguese	21525
1300-1400	Mandarin	13695	2100-2200	Spanish	5985 9355 11855 15130
1345-1400	English	11830 11855	2145-2200	English	5745 6855 15565
1345-1400	Spanish	6085 11725 13615 15130	2200-2245	Arabic	11665 15565
1400-1500	English	11565 11855 13695 17760	2200-2245	English	11740 21525
1400-1500	Portuguese	15210	2200-2245	Portuguese	6855 9690 17575
1400-1500	Spanish	6085 11725 11740 11830 13615 15130 15355 17555	2200-2300	Spanish	5985 11855 15130
1500-1545	English	11565 11855 15210 17760	2245-2300	English	11740
1500-1545	Portuguese	15355	2245-2300	Portuguese	9690
1500-1545	Spanish	6085 11725 11740 13695 15130 17555	2300-2345	English	11740 15170 15400
1500-1600	Mandarin	11830	2300-2345	Spanish	5985 11855 15130 15215 17845
1545-1600	English	11565 11855 17760	2300-2400	French	6085
1545-1600	Spanish	6085 13695 15130	2300-2400	Portuguese	11885
1600-1645	Arabic	15665	2345-2400	English	15170 15400
1600-1645	English	6085 11565 11830 13695 17690 17760 18980 21455	2345-2400	Spanish	5985 11855 15215 17845
1600-1645	French	11855	(via Evelyn Marcy, WYFR, DX Listening Digest/Haus- er-OK)		
1600-1700	Italian	18930	UZBEKISTAN <i>The Voice Asia</i> is now on new 6260 via Tashkent to India. Schedule is 1700-2000 in Hindi. Their website is: www.thevoiceasia.com Contact address: The Voice, P.O. Box 1, Kangra, PC.176001, Himachal, India. E-mail: <a href="mailto:mail@thevoic-
easia.com">mail@thevoic- easia.com (K.Raja, Chennai DX Club/New Zealand DX Times)		
1600-1700	Spanish	15130	VATICAN <i>Vatican Radio</i> B-06:		
1600-1745	Russian	21745	0000 Chinese	13785	
1645-1700	English	6085 13695 17690 18980 21455	0025 Urdu	5915 7335	
1700-1800	English	13685 17555 18980 21455	0030 Portuguese	7305 9610	
1700-1800	French	15115	0040 Hi/Tam/Mal/En	5915 7335	
1700-1800	German	17760	0100 Spanish	7305 9610 11910	
1700-1800	Portuguese	17575 17690	0145 Spanish	7305 9610 11910	
1700-1800	Spanish	6085 15130 17535 18930	0200 Hi/Tam/Mal/En	12070	
1800-1845	Spanish	6085 15130 18930	0230 French	7305 7360 9610	
1800-1900	English	13695 15115 17535 17555 18980	0250 English	7305 9610	
1800-1900	French	15565 17690	0300 English	7360	
1800-1900	German	21455	0310 Armenian	6185 9645	
1800-1900	Italian	17760	0320 Spanish	7305 9610	
1800-2000	Portuguese	17575	0330 Kiswahili	7360 9660	
1845-1900	Spanish	6085 15130	0330 Russian	6185 7335 9645	
1900-1945	English	6085 13695 15115 15565 17535 17555 18980	0330 Slovenian	4005	
			0345 Somali	7360 9660	
			0350 Croatian	4005	
			0400 Amh/Tigrina	7360 9660	
			0400 Ukrainian	6185 7335	
			0410 Czech	4005 5885	

0420	Byelorussian	6185 7335	1650	Armenian	7365 9585
0425	Slovak	4005 5885	1700	Fr/English	4005 7250 9645 9635
0430	French	7360 9660	1700	French	11625 13765
0440	Hungarian	4005	1710	Russian	6185 7365 9585
0440	Lithuanian	6185 7335	1730	English	9755 11625 13765
0500	Arabic	9645-H 11715	1730	Slovenian	4005 7250
0500	English	7360 9660 11625	1740	Ukrainian	6185 7365
0500	Latvian	6185 7335	1750	Croatian	4005 5885 7250
0500	Polish	4005 7250	1800	Byelorussian	6185 7365
0520	German	4005 7250	1800	Portuguese	9755 11625 13765
0520	Rumanian	6185 7335	1810	Hungarian	4005 5885 7250
0530	Portuguese	7360 9660 11625	1820	Lithuanian	6185 7365
0540	Bulgarian	6185 7335	1830	Czech	4005 5885 7250
0540	French	4005 7250	1840	Latvian	6185 7365
0600	English	4005 7250	1845	Slovak	4005 5885 7250
0600	French	7360 9660 11625	1900	Polish	4005 5885 7250
0600	Scandinavian	6185 7335	1900	Rumanian	6185 7365
0630	English	7360 9660 11625	1900	Spanish	9755 11625
0630	Mass-Latin	4005 6185 7250 9645 11740 15595	1920	Bulgarian	6185 7365
0700	It/Fr/En	4005 6185 7250 9645 11740 15595	1920	German	4005 5885 7250
0710	Rumanian	7250 9645	1940	Rosary	4005 5885-FG 7365
0715	Ukrainian	9850 11740	1940	Scandinavian	6185 7250
0745	Arabic	6185 7250 9645 15595	1945	English	9800*
0830	Mass-Italian	7250	2000	Albanian	6185 7250
0915	Papal AudIENCE	5885	2000	English	7365 9755 11625
0930	Liturgy	15595 17765	2000	Italian	4005 5885
0930	Oriental Liturgy	11740 15595 17765	2020	Esperanto	4005 5885 6185 7250
1000	Portuguese	21850	2030	French	4005 5885 7250 7365 9755 11625
1100	Angelus	5885 7250 9645 11740 15595 17765 21850	2050	English	4005 5885 7250
1100	Italian	5885	2100	Russian	5910 7370
1130	Mass-English	15595 17765	2120	Spanish	4005 5885 7250
1130	Spanish	21850	2140	Arabic	4005 5885 7250
1200	French	5885 13750*	2200	Chinese	6145 7300 9600
1210	Italian	13750*	2200	Italian	4005 5885
1230	Mass-Chinese	6020 7340 15235	2250	Esperanto	4005 5885
1230	Music	13750*	2300	English	7370*
1300	Italian	7250 9645 11740 15595 21850	2315	Vietnamese	7300 9600
1315	Vietnamese	6140 15235	2330	Music	7370*
1330	Russian	6110 9695			
1400	Spanish	7250 9645			
1415	Portuguese	7250 9645			
1415	Urdu	11850 13765			
1430	Hi/Tam/Mal/En	9310 11850 13765			
1500	German	5885 6060* 7250 9645			
1515	Polish	5885 6060* 7250 9645			
1530	Italian	5885 7250 9645			
1530	Mass-English	9310 11850 13765			
1530	Music	5885 7250 9645			
1600	Kiswahili	11625 13765			
1600	Vesper	5885 7250 9645			
1615	Somali	11625 13765			
1630	Amharic Tigrina	11625 13765			
1630	Arabic	9635 11935			
1630	Italian	7250 9645			

* DRM

(from website/WWDXC DX magazine/Eibl-DE)

WESTERN SAHARA [non] Frequency change of
RN de la Republica Arabe Saharaui Democratica:

0700-0900 Arabic NF 6215, ex 7425
1700-2300 Arabic NF 6215, ex 7425
2300-2400 Spanish NF 6215, ex 7425

(DX Mix News Bulgaria, Dec 19/DX Listening Digest/
Hauser-OK)

UNIDENTIFIED 4855.6 UNID Central Asian station on new frequency, 0125-0235, Dec 25, ann in a language which sounded like Turkmen, Kazakh, Kirghiz or similar; choir singing in the beginning, but then non-stop Central Asian folkmusic with no breaks for ID at 0200 or 0230. Not heard Dec 26. (Petersen-DK/DSWCI DX-Window) 

Pirate Radio Report

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

Hello and welcome to the January 2007 edition of the *Pirate Radio Report*. Happy New Year everyone! There was a lot of activity over the Christmas weekend. Let's get to some of those logs. Many thanks to the following fine folks who sent in their reports: Ralph Brandi-NJ, Rich D'Angelo-PA, Jim Fedor-NV, Jerry Strawman-IA, Alex Vranes-WV, George Zeller-OH.

The Crystal Ship, The Poet's radio station, was logged on 6875.1 on December 24th at 2200 UTC. Music by Cream, ID "You are tuned to The Crystal Ship, the Voice of the Blue States Republic" @2202, then break in middle of ID, "Sorry folks, my computer just freaked out", back to song, then KISS "Detroit Rock City" with car crash at end; deep fades, but quite strong at peaks [Brandi-NJ]

Grasscutter-Sunshine Radio, a joint transmission, heard on 6925 kHz USB from 1945-2031 sign off on December 22nd. Some standard Christmas songs and also some Christmas novelty mx. Said hello to posters on the FRN. [Zeller-OH]

Ground Zero Radio, noted on 6925.6 kHz from 2207-2218 sign off on Dec 17th. Parody ad for environmentally friendly antenna, send \$20.00 for plans. Several IDs and Elkor, NB maildrop for old summer program. At close a man announcer have a yahoo.com e-mail address for reports noting this was an encore broadcast. [D'Angelo-FCDX-PA]

Kracker Radio, noted on 6950.5 on December 24th at 1738 UTC with Christmas music, Commander Bunny, profane Christmas greeting, Glenn Hauser talking about Church of the Subgenus, anti-Communist PSA, other assorted excerpts from other shortwave broadcasts, ID as Kracker Radio @ 1744, "White Christmas" [Brandi-NJ]

MAC, noted at 1244 UTC on 6950 kHz AM mode 12/24/06. Christmas music including Burl Ives singing "Santa Claus Is Coming To Town." "This is MAC" ID @ 1246. Clean audio but deep fades. S-meter varied S0 to S3. [Strawman-IA]

NOEL, The pirate that uses the slogan "All Christmas, All The Time", was heard on 6950 kHz from 1740 UTC on December 25th with Bing Crosby's White Christmas, ID jingle than more "music to wrap presents by"; only fair signal today heard 12-23 at 1915 with a much better signal and similar Christmas programming, AM signal [Wood-MA]

Radio Pigmeat International, logged on 6925 kHz on November 26th from 2045-2122* with music including song by The Animals' "House of the Rising Sun," Who's "The Kids Are All right," Doors' "Changeling," Eric Burdon and War's "Spill The Wine, Dig That Girl," John Lee Hooker's "Boom Boom Boom Boom," ZZ Top's "Lagrange," and Yardbirds' "For Your Love." M DJ Pigmeat w/IDs as R. Pigmeat Int'l. No address given, but searched FRN and found e-mail address of pigmeat_voab@yahoo.com. Got real nice e-mail back next day thanking me for rpt. and for post on FRN, and promised QSL. (Vranes-WV)

TIE/Take It Easy Radio, logged on 6925 USB at 0405 UTC on December 22nd. Heard in USB mode with rock music and plenty of Take It Easy radio IDs. Must have read Dexter's rant. Only fair signal but good clean audio and in the clear. [Fedor-NV]

The Voice Of Captain Ron Shortwave, 6925 12/25 1656 Talk by Captain Ron, e-mail address, call for posts to FRN web site, "Come All Ye Faithful", "I think that's a fine way to wrap up this live broadcast. Merry Christmas and thanks for listening, until next time, I am Captain Ron and we are signing off. 73!"; weak but intelligible (Brandi-NJ)

The Voice Of The Lutefisk, a new one, noted on 6920 in the AM mode from 2323-2341 UTC sign off on November 25th. Nice Procol Harum music (found out who it was after exchanges of e-mails). IDs by host Michael O Farad and gave e-mail address votl_radio@yahoo.com for reports. [Vranes-WV] Lutefisk/Lutfisk is a Scandinavian prepared codfish, dried, soaked in lye, than soaked in water to remove the lye and served baked with boiled potatoes. 

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



ABU DHABI: RadioJapan 7115 f/d "Yokohama at Dusk" cd. in 2½ mos. (Barto-CT). Voice of America 11905 via Dhabayya cd. in 6 wks. w/ calendar and program guide. (Barto-CT). Radio Free Asia 15510 via Dhabayya f/d "10th Anniversary" cd. w/o site in 2 mos. (Barto-CT).
ALBANIA: China Radio International 6020 and 7150 via Cerrik f/d "Endangered Species" cd. w/ paper cuts in 5 wks. (Barto-CT).

ASCENSION ISLAND: Radio Japan 15220 via English Bay f/d "Yokohama at Dusk" cd. in 2½ mos. (Barto-CT).

BOTSWANA: Voice of America 12080 f/d "Sao Tome" cd. in 1 mo. (Barto-CT). same cd. in 6 wks. (Barto-CT). 11675 f/d cd. in 5 wks. w/ calendar & schedule. (Barto-CT). 9885 f/d "VOA Celebrates America" cd. in 1 mo. (Barto-CT). 4930 cd. in 1½ mos. (Barto-CT). 9815 cd. in 6 wks. w/ calendar. (Barto-CT).

BULGARIA: Radio Bulgaria 11700 f/d handwritten "Bulgarian Sea Resorts - Sun-

QSL No. 8

Confirmed QSO de: Matt Hendricks

RADIO HABANA CUBA

Fecha 9-28-2003 Hora UTC 03:32
 (Date) (Time)

Frec./k Hz 11705 SINPO 5 5 5

STATION NOTES: Radio Ibrahim 5935 via

Samara v/s Elin Larsson. Addr: P.O. Box 56500, Limassol 3312, Cyprus.
FM Rainbow 9425 via Bangalore v/s Sunil Bhatia, English Director. Addr: All India Radio, Director of Spectrum Management and Synergy Division, Room 3207, Akash Bhawan, New Delhi 110001, India. All India Radio 15235 via Bangalore v/s Y.K. Sharma, Director. Addr: as above. All India Radio 4840 via Mumbai Addr: as above. All India Radio 4970 via Shillong v/s Sunil Bhatia.

Addr: as above. All India Radio 5010 via Thiruvananthapuram Addr: All India Radio, Thiruvananthapuram, Bhaktivilas, Vazhuthalud, Thiruvananthapuram 695014, Kerala, India...via PLAY DX..Sam.

RFA

RADIO FREE ASIA

We are pleased to verify your reception report of the transmission of our Tibetan language program on June 13, 2005 at 1320 UTC on 15508 kHz. Your data corresponds with our station log of the same day. Thank you for your interest. Further reports are welcome.

Sincerely,

Your friends at Radio Free Asia

RADIO FREE ASIA RADIO FREE ASIA RADIO FREE ASIA

Robert E Farnell III
P.O. Box 278
Vienna, MD
21869

This QSL card commemorates EDXC 2005 held in Prague, Czech Republic from April 26 - May 2, 2005. RFA attended this year's gathering of the European DXing Convention members and is pleased to provide a commemorative look at the successful success of our broadcast.

CHILE: Radio Voz Cristiana 6110 f/d "Logo" cd. w/ religious brochures in 3½ mos. (Barto-CT).

CHINA, PEOPLE'S REPUBLIC OF: China National Radio 11720 via Shijiazhuang f/d "Stump Tailed Macaque Endangered Species" cd. in 5 wks. w/ paper cuts. (Barto-CT). 9890 via Xi'an same cd. in 5 wks. (Barto-CT) **China Radio International** 9645 and 9540 via Beijing f/d "65th Anniversary of CRI" cd. in 2 mos. (Barto-CT). 11980 same cd. in 2 mos. (Barto-CT). 11900 via Kunming same cd. in 2 mos. (Barto-CT). 15600 and 11955 f/d cd. in 7 wks. w/ schedule (Barto-CT). 7360 same cd. in 5 wks. (Barto-CT). 9785 via Xi'an f/d cd. in 5 wks. (Barto-CT). 7255 f/d cd. w/ personal note in 2 mos. (Barto-CT). 7160 f/d "Taiwan Macaque En-



STATION NOTES: Radio Verdad 4052.5 v/s Edgar Amilcar Madrid, Director y Gerente. Addr: Apartado 5, 20901 Chiquimula, Guatemala. **Radio Africa** 15190 Addr: 2021 The Alameda, Suite 240, San Jose, CA 96126. **HRMI La Voz de Misiones Internacionales** 3340 Addr: P.O. Box 6321, San Bernadino CA 92412. E-mail: JKPIMP@mns.com. **Radio Luz y Vida** 3250 Addr: Apartado 303, San Pedro Sula, Honduras. **Trans World Radio Europe** 6235 via Albania. v/s Mrs. Beth Chick, Secretary. Addr: P.O. Box 141, A-1235 Vienna, Austria. **Radio Television Algerienne** Addr: 21 Boulevard des Martyrs, Alger Algeria....via PLAY DX ...Sam.



dangered Species" cd. in 1½ mos. (Barto-CT). 9720 via Urumqui same f/d cd. in 1½ mos. (Barto-CT). 9730 f/d "Logo" cd. in 3 mos. (Barto-CT). 6100 via Kashi f/d "Logo" cd. in 2 mos. w/ paper cuts (Barto-CT). **China National Radio** 7345 via Beijing f/d cd. in 5 wks. (Barto-CT). 9455 via Shanxi f/d cd. in 5 wks. w/ schedule. (Barto-CT).

DIEGO GARCIA: Armed Forces Radio and Television Service 4319 f/d "Logo" cd. in 3 wks. (Lare-MI).

ECUATORIAL GUINEA: Radiodifusion de Guinea Ecuatorial 5005 f/d ltr. in * 3 mos. v/s Julian Esono Ela. Addr: Radio Bata, Apartado 749, Bata.

ENGLAND: Radio (Barto-CT)

Japan 6115 via Skelton f/d "Yokohama at Dusk" cd. in 3 mos. (Barto).

EURO PIRATE: Borderhunter

* **Radio** 15780 f/d Email reply in 3 hours. v/s Frans Addr: Borderhun terradio@hotmail.com (Lare-MI).

FRANCE: China Radio International 6145 via Issoudun f/d cd. w/ sked. and paper cuts in 5 wk (Barto-CT).

GERMANY: Voice of America 13870 via Lampertheim cd. in 6 wks. (Barto-CT). **Voice of Oromia**

Channel Africa

thanks you for your reception report on their transmission from the Meyerton Transmitting Station

Date: 11-23, Time (UTC): 21:51

Frequency: 3345 kHz

SENTECH
(Pty) Limited

Private Bag X06
Honeydew 2040
South Africa

Phone Consular 02

Kathy Otto

Tygerberg Transmitting Station - Cape Town

Richard A. D'Angelo

2216 Burkey Drive

Wymissing,

PA 19610

USA



SAUTI YA TANZANIA



Independence 15650 via DTK Julich the station verified via its broker, WRMI, in 28 ds. w/ a f/d oversized "MSC Cruises" cd. from Jeff White. (D'Angelo-PA). Free People's Mission Krefeld 11865 via DTK Wertachtal Email in 2 ds. from v/s Walter Brodowsky, T-Systems Business Services. (D'Angelo-PA). Radio Waaberi 17550 via DTK Julich Email rpt. w/ Email reply in 6 ds. from Walter Brodowsky. (D'Angelo-PA). Voice of Democratic Path of Ethiopian Unity 15565 via DTK T-Systems Julich p/d Email reply in 20 ds. (D'Angelo-PA). INDIA: All India Radio 4820 via Kolkata f/d cd. in 2½ mos. v/s Y.K. Sharma. (Barto-CT). 9445 and 15075 via Bangalore f/d

STATION NOTES: Radio Canada International 9635 via Kunming v/s Bill Westenhaver. Addr: P.O. Box 6000, Montreal, Canada H3C 3A8 Radio Free Southern Cameroons 15695 via Samara Email: rfsboard@fdrsoutherncameroons.info Radio Xoriyo 9820 via DTK Wertachtal v/s Walter Brodowsky. Email: Walter.Brodowsky@t-systems.com West Africa Democracy Radio 12000 via Woofferton v/s Abdou Lo. Email: wadrwad r.com Radio Djibouti 4780 Email: rdttech@intnet.dj Missionswerk Werner Heukelbach Wachenbrunn Email: info@missionswerk-heukelbach.de ...via PLAY DX...Sam.

TARJETA QSL

Beijing

Estimado amigo: via Weissborn
Tenemos el agrado de confirmarle su informe de recepción de nuestra emisión en lengua española del día 26-6-03, de 00:00 a 01:00 hora UTC, por la frecuencia de 5990 KHz.

Recibiremos con mucho placer nuevos informes de recepción suyos sobre nuestros programas.

Muy atentamente.

Radio Internacional de China

wks. (Barto-CT). 3315 via Bhopal same cd. in 2 mos. (Barto-CT). 9905 via Aligarh f/d "Quadripartie Deer" cd. in 5 wks. (Barto-CT). 5010 via Thiruvananthapuram f/d "Scene from Mahajanaka Jataka, Cave 1 at Ajanta" cd. in 1½ mos. (Barto-CT). 11620 via Bangalore f/d "Tomb of General Rein Hart" cd. in 5 mos. (Lare-MI). 13620 f/d "Quadrepartie Deer" cd. in 5 wks. (Barto-CT).

ICELAND: Rikisutvarpid 13865 f/d ltr. in less than 2 wks. (Shemanski-NC). Sorry...out of order...Sam.

KASHMIR: All India Radio 4830 via Jammu f/d cd. in 2½ mos. (Barto-CT).

KOREA, PEOPLES DEMOCRATIC REPUBLIC:

Voice of Korea 15180, 11735 and 11710 f/d "Building and Fountain" cd w/ pennant (my 15th from them) and schedule in 3 mos. for a rpt. via Beijing. (Barto-CT).

KUWAIT: Voice of America 7595 f/d "Music for the African Service" cd. in 5 wks. (Barto-CT). Radio Free Asia 11590 cd. in 2 mos. (Barto-CT).

Dear Mr. D'Angelo:

Thank you for your email to Radio Sawa. We are happy to have you as a listener.

We do not have QSL cards yet, so please accept this email as a confirmation of your reception report below.

As a special gift for our listeners, we have produced a Radio Sawa screensaver for Windows. If you wish to get it, go to www.radiosawa.com for the download.

Radio Sawa is just starting and we are all working hard to make it a radio station for the needs of our audience. So keep listening, tell all your friends and email us whenever you want.

Your friends at Radio Sawa

"Buddah in Two Different Postures, Cave 2 at Ajanta" cd. in 6 wks. (Barto-CT). 4820 via Calcutta f/d "Buddah at Cave 19 in Ajanta" cd. for a 94 reception. in 5 wks. (Barto-CT). 9905

FEBIC RADIO INTERNATIONAL - "THE SOUND ALTERNATIVE"

Scott R. Banboun Jr.
Confirming your Report on *Thiruvananthapuram* from *Bahrain*
9420 MHz 31 Meters
Date *14 March 2003* Time *1238-1300 UTC*
QSL Secretary *Jan Bayliss*

FAR EAST BROADCASTING CO., INC.
BOX ONE - VALENZUELA - METRO MANILA - PHILIPPINES

MONGOLIA: Radio Free Asia 7470 via Ulan Baatar "10th Anniversary" cd. in 2 mos. (Barto-CT) MOROCCO: Voice of America 17785 via Briech f/d "Morocco" cd. in 1 mo. (Barto-CT). 13725 cd. in 5 wks. w/ station sticker and calendar. (Barto-CT). 7290 "VOA Celebrates America" cd. in 1 mo. (Barto-CT). 17785 "Sao Tome" cd. in 6 wks. (Bar-



RADIO VOICE OF THE GOSPEL

to-CT).
NEW ZEALAND: Radio New Zealand International

THE LUTHERAN WORLD FEDERATION BROADCASTING SERVICE

9870 f/d "Poindancers" cd. in 3 mos. w/ station schedule and many stickers. (Barto-CT). 7145 f/d "New Zealand's Magnificent Mountains" cd. w/ stickers in 3 mos. (Barto-CT)

PALAU: Radio Free Asia 15560 "10th Anniversary" cd. in 7 wks. (Barto-CT).

PHILIPPINES: Voice of America via **Tinang** cd. in 1 mo. w/ program guide and calendar. (Barto-CT).

PORTUGAL: Radiodifusao Portuguesa 11635 and 11960 f/d cd. w/ personal ltr. in 2 mos. v/s Isabel Saraiva. Email: isabelsaraiva@rdp.pt (Barto-CT). 9795, 9460, 11635 and 11825 f/d cd. in 5 wks. w/ station schedule. (Barto-CT).

SAIPAN: Radio Free Asia 9355 f/d "10th Anniversary" cd. in 7 wks. (Barto-CT).

STATION NOTES: Pan American Broadcasting 13800 via **Wertachtal** Email: Walter.Brodowsky@t-systems.com **All India Radio** 4860 via **Kingsway** v/s Y.K. Sharma. Email: spectrum-manager@air.org.in **Hamburger Lokal Radio** 9290 v/s Michael Kiltner Email: redaktion@hamburger-lokalradio.de **Radio Free Asia** 7460 via **Khonkhor** v/s A. J. Janitschek Email: qsl@rfa.org **On Air AM** 6245 Addr: SRS Germany, Postfach 101145, D-99801 Eisenach, Germany **Holland AM** 6296.1 v/s Mark & Wim. Email: radiohollandam@hotmail.com ...via **PLAY DX**.



Radio Free Mass.

By H.V Short

Qsl # 7

JOHN L. SCRULLETTA

in 6 wks. w/ program guide. (Barto-CT). f/d cd. in 5 wks. (Barto-CT). 6080 cd. in 1 1/2 mos. (Barto-CT). 9830 f/d "Sao Tome" cd. in 1 mo. (Barto-CT). 9560 cd. in 6 wks. (Barto-CT).

SIKKIM: All India Radio 3390 f/d "Quadrupartie Deer at Cave 1, Ajana" cd. for receptions in 98 and 2 in 03. (Barto-CT).

to-CT). 11870 same cd. in 2 mo. (Barto-CT).

SAO TOME: Voice of America #3735 f/d "African Service Music Makers" cd. in 5 wks. (Barto-CT). 15730 f/d "Sao Tome" cd.

QSL

Verification Card

Station Voice of Iranian Kurdistan _____

To Richard A. D'Angelo _____

This is to confirm your reception of our transmission dated 31 January 2005, 0259 - 0322 hours UTC on a frequency of 4.860 kHz. with _____ watts.

PARTI DÉMOCRATIQUE DU KURDISTAN D'IRAN
C/O AFK - B.P. 102
75623 PARIS CEDEX 13 - FRANCE

Signature & Official Seal

SRI LANKA: Voice of America 11500 via **Iranawila** f/d cd. in 5 wks. (Barto-CT). 9735 cd. in 5 wks. (Barto-CT). **Radio Free Asia** 15525 f/d "10th Anniversary" cd. in 7 wks. (Barto).

TAJIKISTAN: Radio Free Asia cd. in 2 mos. (Barto-CT).

THAILAND: Voice of America 15145 via **Udon Thani** cd. in 6 wks. w/ calendar. (Barto-CT). 13755 cd. in 6 wks. (Barto-CT). 13760 cd. in 2 mos. (Barto-CT).

NEW ZEALAND consists of three main islands in the South Pacific Ocean, the North Island and South Island, covering an area of approximately 250,000 sq. mi. and having a population of over 3 million people of mainly Maori, European and Polynesian descent.

For all details however, New Zealand is a land full of contrasting scenic beauty and interest in the world. High mountains, low plains, lakes, rivers, glaciers and fjords abound, most within a short distance of the coast and 2000 ft. is a typical altitude in which any climatic shift can be experienced. Any further information see NZ QSL Card, Category 2/3/1/2/3.



TINIAN: Radio Free Asia
 13625 "10th Anniversary"
 cd. in 2 1/2 mos. (Barto).
USA: WBOH 5920 f/d cd. in 1
 mo. (Barto-CT). **WTJC**
 9370 f/d "The Light of the
 World is Jesus" cd.
 in 1 mo. (Barto-CT).
Voice of America 9885
 via **Greenville cd.** in 6
 wks. w/ program guide.
 (Barto-CT). 11890 f/d
 "Music Makers" cd. in 6
 wks. (Barto-CT). 11925
 same cd. in 2 mos. (Bar-
 to-CT). 11815 via **Delano**
 (?) cd. in 6 wks. (Bar-
 to-CT). **WEWN 13615** and
 9885 ltr. w/ cd. in 2

This is to confirm reception of the South Pacific DX Report.

Via **HCJB**
 Date **23/Aug/2003**
 Time **1515KHz**
 Frequency **1251 UTC**

NAME ADDRESS
Henry Weissborn
11214 Cliffwood Dr
Houston
TX 77035-6010

U.S.A

Thanks for tuning in!
733
Paul

Remember to check out our website:
<http://radiodx.com/>



mos. (Barto-CT). 5810 cd. w/ ltr. and religious literature in 6 wks.
 (Barto-CT). 9955 cd. in 1 mo. (Barto-CT).
USA (Pirates): WBNY 6925 f/d "Rabbit Logo Certificate" w/ Halloween Mask
 in 4 mos. for 3 ms. Addr: P.O. Box 1, Belfast, NY 14711. (Wood-TN).
MAC Shortwave 3200.7 QSLed Email rpt. in 1 day who said I had been
 added to the QSL list but had no idea
 when they would go out. (D'Angelo-PA).
UZBEK: WYFR 9615 via Tashkent f/d cd.
 site in 5 wks. (Barto-CT). 9495 f/d cd.
 w/ site in 6 wks. (Barto-CT).

RADIO RSA

THE VOICE
 OF
 SOUTH AFRICA



STATION NOTES: INOCAR - Instituto Nacional
Oceanografico de la Armada de Ecuador 3810
 v/s Ing. Mario Proano Silva, Director. E-mail: Inocar@
 inocar.mil.ec La Voz del Napo 3280 v/s Padre Umberto Dorigatti, Direc-
 tor. Addr: Mision Josefina, Calle Juan Montalvo s/n y P. Central, Tena,
 Ecuador. **Radio Maria Ecuador 3280 v/s Presbiterio Ricardo Palacio**
 Plaza, Quito, Ecuador. **Voice of**
the Broad Masses 7100 v/s Gerh-
ane Gerezihiher, Technical Director
 of Radio Engineering. Addr:
 Ministry of Information, Radio De-
 partment, Radio Engineering Divis-
 ion, P. O. Box 242, Asmara, Eritrea
Voice of Han 9745 Addr: Voice of
Han Broadcasting, "B" Building, 5 F
No. 3, Sia Yi Road, Sec. 1, Taipei,
Taiwan...via PLAY DX...Sam.

RADIO EMISORA BERMEO

VII FESTIVAL FOLCLORICO CULTURAL

XII ANIVERSARIO

Musica, Canto y Poesia expresan los sentimientos mas profundos de cada Pueblo

F.M. 99.2 A.M. 1590 KHZ.

AL SEÑAL DEL MUEBLO Y DE LAS COMANDANTES CAP-RESAS

YEMEN ARAB REPUBLIC: Radio Sana'a -
Yemen Radio and Television Cor-
poration 9780 f/d cd. w/ f/d
 personal ltr. in 7 mos. v/s Eng.
 Mohammed H. Bather and Ali Ahmed
 Tashy. Addr: Sana'a Radio, General
 Program, Technical Dept.,
 26 September St., P.O. Box 2371.
 (Barto-CT).

A couple of good QSLs this month especially from Sikkim and Bata.

Where are the rest of the QSL reports. I know there are more of you out there.

Happy DXing and Happy New Year.

Contributors' Page

Bob Montgomery • P.O. Box 1458 • Levittown, PA 19058 • rmonty23@verizon.net

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA NRD-545 AOR AR-7030 100' LW
Scott BARBOUR, Intervale, NH R-75, MLB-1, 200' Beverage
Jerry BERG, Lexington, MA R8 19, 41, 90 meter dipoles
Ralph BRANDI, Middletown, NJ AOR7030+ DRM, R8, etón E1 300' longwire, T2FD
Rich D'ANGELO, Wyomissing, PA TenTec R340, Lowe HF-150, DX Sloper
Jerry DEXTER, Lake Geneva, WI NRD-515, NRD-545, etón E1
Jerry ERVINE, Hidalgo, TX R-75, R2000, whip & 5 band Vert, wire
Jim EVANS, Germantown, TN RX340, 30 m wire, R8B LFE-H800 EF-SWL
Jim FEDOR, Wells, NV R-70, various longwire antennas
Bob FRASER, Belfast, ME Sony ICF-2003 ICF-SW100S 2m LW
Glenn HAUSER, Enid, OK FRG-7, DX-398, SW-07, ATS-909, YB400 LW
John HERKIMER, Caledonia, NY NRD535 (Kiwa), etón E1-XM, 100' longwire
George HERR, Playa del Rey, CA G303e. R8B. 45' lw, Am Rad active antenna
Ron HOWARD, Monterey, CA NRD545, LW 160', etón E5
Brant HUNT, Aiken, SC Drake R8A, 2010, Sat 800 with par antenna
Victor JAAR, Longueuil, QUE Galaxy R530, 30 m wire
Fred KOHLBRENNER, French Creek, PA Drake R8, NRD-525, Datong LW
Steve LARE, Holland, MI Drake R7, R8, R8A & R8B, 70' & 200' wires
Frank MEZEK, Sun City, AZ Icom R71A, 55' random wire
Kevin MIKELL, Park Ridge, IL etón E1-XM, 80' long wire
Jim POGUE, Memphis, TN NRD-535, 2010, LA5030, attic lw, Quat phaser
Jim RONDA, Tulsa, OK NRD-545, R75, etón E1, Eavesdropper
Mark SCHIEFELBEIN, Springfield, MO Kenwood R-5000, Sony 2010, 70' long wire
Clem SHEMANSKI, Wilmington, NC Sat 700
Jerry STRAWMAN, Des Moines, IA R-8, 313e, 60 mtr dipole, mini whip
Mark TAYLOR, Madison, WI R-75, Sat 800, EWE, Eavesdropper
Dave TURNICK, Reading, PA NRD-545, 2001, Alpha Delta sloper
Alex VRANES, Jr., Harpers Ferry, WV Yaesu FRG-100B, 200' dipole, Grove Tun 3, Ameco TPA
Joe WOOD, Gray, TN DX-390, Grundig Mini 100 PE, whip antenna 

NASWA

Visit our newly redesigned and refreshed club home page on the World Wide Web at <http://www.naswa.net/>

Visit the NASWA Loggings Database at www.naswa.net/logs/. It contains loggings from November 1998 to the present.

The Loggings Columns depend on your contributions. Send them in.

Tropical Band Loggings

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

- 2310 **AUSTRALIA VL8A** Alice Springs 1248-1310 ctry mx pgm Sat night; R.National nx at ToH. F/P 12/9. (Taylor-WI) 1214-1250 pop mx pgm & talks; ABC nx 1230; nice mention of "ABC Local Radio" at 1240 before returning to local hostess encouraging phone calls. Nothing audible earlier but this slowly faded up out of the mud to fair levels. 2325 VL8T Tennant Creek not heard but //2485 VL8K Katherine was heard but at a poor level. 12/18. (D'Angelo/FCDX-PA)
- 2485 **AUS VL8K** 1229 EE nx; fair; 2310 F/G; 2325 fair; 11/9. (Brown-MO)
- 2850 **N.KOREA KCBS** 1305 KK nx by M&W; good steady signal; 11/9. (Brown-MO)
- 3215 **USA WWCR** 0011-0045 in EE; M w/interesting pgm about using solar power to heat small living spaces. ID as "Reality Radio Network." Good 12/9. (Wood, TN)
- 3220 **ECUADOR HCJB** 1020 Andean mx, SS rel talk by M; fair w/noise 11/10. (Brown-MO)
- 3220 **PNG R. Morobe** 1250-1259* M in Pidgin, Dabarae mx; s/off w/NA; 10/31. (Brown-MO)
- 3234.8 **PERU R. Luz y Sonido** 1045-1103 f/o, M w/spirited rel talk in Spanish; poor 12/18. (D'Angelo/FCDX-PA)
- 3235 **BRAZIL R. Clube de Marilia** (P) 0405-0445 continuous pop vocals, very brief PP anmts by M. P/F 12/15. (D'Angelo-PA)
- 3249v **HONDURAS R. Luz y Vida** 0113 SS ID, into gospel songs; strong 12/6. (Ronda-OK) 3249.68, 0146 SS taljk, LA rhythm mx; poor 12/5. (Turnick-PA) 3249.69, 1130-1140+ IDs, SS talk. lite instl & LA mx; fair 11/23. (Alexander-PA)
- 3275 **PNG R. Southern Highlands** 1257 M w/South Seas vocals; fair 11/30. (Brown-MO)
- 3279.73 **ECUADOR LV del Napo** 1030 M SS talk about Napo province; fair 11/10. (Brown-MO)
- 3291.2 **GUYANA V. Guyana** 0926-0938 Christmas mx & a Hollies remake; intro by EE M; nice signal 11/6. (Brown-MO)
- 3315 **PNG R. Manus** Lorengan, Admiralty Is. 1139 M in Tok Pisin; poor 11/30. (Herr-CA)
- 3320 **N.KOREA Pyongyang BC Stn** 1035-1045 W in rapid KK; fair 11/10. (Brown-MO)
- 3320 **S.AFRICA R. Sonder Grense** 0042 long tlk by M at noise level; only audible signal other than WWCR; 12/6. (Strawman-IA)
- 3325 **PNG R. Bougainville** Kubu 1136; poor at noise floor 11/30. (Herr-CA)
- 3335 **PNG R. East Sepik** Wewak 1135 M&W in Tok Pisin, mention R.Australia; 1151 playing "I'm on my way" in EE; fair (Herr-CA) 1245 rustic song by M; weak but good audio 11/23. (Brown-MO) 1006-1021 in assume Tok Pisin; nx till 1012, short mx selection, mostly talking, P/F 11/30. (Howard-CA)
- 3340 **HONDURAS HRMI, R.Misiones Int'l** 1112-1114 end SS ballad, rooster crowing; fading down & noisy 11/10. (Brown-MO)
- 3375.02 **BRAZIL R. Municipal** (P) 0920-0938 various PP pops w/M ancr, many mentions Cachoeira province; good signal, but strong co-channel het made ID difficult; 12/1. (Brown-MO)
- 3385 **BRAZIL R. Guaruja Paulista** 0006-0025 & 0355-0403 pop vocals pgm hosted by M w/PP talks; poor, as was //5045. Later improved to fair. 12/15. (D'Angelo-PA) 3384.95, 0700-0720+ Brazilian pops/ballads, PP anmts, ads, jingles. 5045, 5940.23 - all weak but readable 11/26. (Alexander-PA)
- 3385 **PNG R. E. New Britain, Rabaul** 1245-1251 girls choir, M in Pidgin; poor 11/23. (Brown-MO)
- 3396 **ZIMBABWE ZBC** (P) 2010-2032 martial mx, M in language at t/in; diff ancr 2015 w/EE pop mx; "It's so Easy (to fall in love)" and cover of "Love Hurts". Weak/poor 12/5 w/constant "helicopter-like" QRM. (Barbour-SHDX/NH) 0157-0230 ID & ad for R.Zimbabwe advertising "reach your goals" ... "Radio Zimbabwe, the best way to sell your products and services." Into pgm of local mx w/M ancr in Shona w/talks, IDs, ads; EE ID 0203 mentioned "FM and shortwave, Radio Zimbabwe." F/G 12/18. (D'Angelo/FCDX-PA)
- 3481 **N.KOREA KCBS** 1251-1300 martial mx; fair, 3320 fair, 4450 good, 2850 best; 11/30. (Brown-MO)
- 3810 **ECUADOR HD2IOA** Guayaquil 0359 time pips, SS anmts every minute. Not very strong but also very little ARO QRM 12/3. (Dexter-WI)
- 3905 **PNG R. New Ireland** 0758 Dabarae mx, intro by W in Pidgin; F/G 11/8. (Brown-MO)
- 3925 **JAPAN R. Nikkei** 0802-0825 non-stop classical mx; fair/fadey 10/31. Also rapid fire JJ W, into Santana Abraxes album side; good till abrupt s/off 0729; 11/13. (Brown-MO)

- 3965 **FRANCE R. Taiwan Int'l** 2222 in Mandarin; various talk-heavy segments, promo for a phone-in show w/sound effects and Taipei phone number repeated. Vicious ham QRM kept me switching back and forth between LSB and USB; otherwise good 11/30. (Schiefelbein-MO)
- 3976.05 **INDONESIA RRI Pontianak** 1155 M in lang; fair 11/30. (Herr-CA)
- 4052.5 **GUATEMALA R. Verdad** 0315-0347 M SSpreaching, rel vocals; ID 0330; fair 11/19. (D'Angelo-PA) 0215-0245 mellow vocals & instls, M SS ancr between songs; clear IDs 0216 & 0230; poor 12/1. (Taylor-WI)
- 4319u **DIEGO GARCIA AFRTS** 0048-0105 EE real estate, PSAs, nx, sports; poor/fair; also 5446.5 good, 7811.0 good; 11/30. (Brown-MO) 0002-0036 AP Radio News, then Ron Barr interviewing Duke basketball coach Mike Krzyzewski; Face the Nation pgm 0030; fair but deep fades 11/28. (D'Angelo-PA)
- 4460 **CHINA CNRI** Beijing 1047 two M in CC discussion; fair/fadey 11/13. (Brown-MO)
- 4605 **INDONESIA RRI Serui** 1320-1338 with a string of 1960s western rock hits including Indo version of "You ain't nothin' but a hound dog"; F/G 11/6. (Brown-MO)
- 4635 **TAJIKISTAN Tajik Radio** 2211-2303, W ancr in Tajik w/flute mx & vocals program. At 2227, the woman began talking to a man, possible interview, with mention of Dushanbe. More music from 2331. Generally poor but in the clear and holding up much better than last DXpedition, 12/18. (D'Angelo/FCDX-PA)
- 4716.7 **BOLIVIA R. Yura** 2304-2322 continuous rustic female vocals, M SS ancr, ID 2320; more rustic vocals; poor 12/18. (D'Angelo/FCDX-PA) 4716.76, 0035 animated tlk and local-style mx, not much above noise level. 12/6. (Strawman-IA)
- 4750 **BANGLADESH Bangladesh Betar** 0038-0120 nice pgm of S-C mx w/flutes & haunting melodies; Bengali talks by W; 3+1 time pips 0100, then M ID & nx. 0110 W ID, long talk, more mx; poor signal 12/19 but basically in the clear. Station began fading at tune out. (D'Angelo/FCDX-PA)
- 4750 **INDONESIA RRI Makassar** 1330 Indo W w/piano; good 11/6. (Brown-MO) 1350, in Bahasa Indonesian [listed]; with soft choral European-style songs; W ID w/"Makassar" 1400; off 1401. Interesting that PWBR spells it Makassar; the usually authoritative Oxford World Atlas has Makasar. My first Indo regional; thanks to Ron Howard and Don Jensen for help on this. Fair-poor 12/6. (Ronda-OK) 2135-2210 local music, M&W ancrs in Indo; 2200 SCI, W w/generic RRI ID, Jakarta nx; poor at first but steadily improving to fair although CODAR marred reception quality 12/18. (D'Angelo/FCDX-PA)
- 4754.9 **BRAZIL R. Imaculada Conceição** Campo Grande 0440-0525+ rel pgms & mx, lots of mentions of "Imaculada Conceicao," "Milicia da Imaculada," "Programa Igreja do Radio," and "Misionario da Imaculada Padre Kolbe." TC's given in UTC -2, as this is relay of programs from eastern Brazil; can't remember w/out checking website but was either in SP or RJ. Mentioned website www.milicia.org.br. This is ex-R.Educacao Rural, which apparently changed in 2005. Seems irregular, but when hrd, always //4865, which seems to be on all night each night. See logging under 4865 for more details. Fair to poor and bothered by CODAR; //4865 better. 12/6. (Vranes-WV)
- 4770 **NIGERIA R. Nigeria** Kaduna 0537-0551 M EE political talks; good 10/31, though UTE on high side. (Brown-MO)
- 4775 **BRAZIL R. Congonhas** 2315-0005* pop mx & occasional M ID, no ads hrd; wonder how they make money off of broadcast? 0000 M ID & freq's, then into another M (priest?) w/devotional msg or prayer, as near end hrd him mention "Amen" few times. 0005 silence, though seemed xmtr still on, but slop from Guatemalan on 4780 made it difficult to tell. Fair to poor w/fluttery type of fading. Sked seems 0700-2400 more or less, although occasionally hrd running later. 12/5. (Vranes-WV)
- 4777 **GABON RTV Gabonaise** 0535-0543 M in FF w/hilife mx; vy good 10/31. (Brown-MO)
- 4779.98 **GUATEMALA R. Coatan** San Sabastian 1125-1135+ Xmas mx, ID. SS sermon 1130; good 11/23. (Alexander-PA)
- 4780 **DJIBOUTI R. Djibouti** 0300, 12/2/2006. Djibouti national anthem, Koran, talk in Arabic; CODAR and noise made intelligibility poor 12/2. (Brandt-NJ) *0258-0320 OC, mx 0300, W ID & AA s/on anmts, then M w/Koran; poor 11/30. (D'Angelo-PA) 1948-2002* AA discussion by 2 M; listener phone call, M&W s/off anmts 1958; NA 2001; fair 12/5. (Barbour-SHDX/NH)
- 4780 **GUATEMALA R. Cultural Coatan** 0224-0229 M SS talk, into seeming hymn w/marimba; 0228 canned anmt w/mention of 'Cultura' & then gone; poor 12/3. (Mikell-IL)
- 4790 **INDONESIA RRI FakFak** 1327 W in Indo vocals; good but ruined by sweeper 11/6. (Brown-MO)

- 4790.13 **PERU R. Vision** 0111-0345+ SS chanting/group prayer at tune in, 0114 talk by M, 0119 chanting, 0131 M ancr w/freq & probable ID; different M w/talk before a crowd, chanting resumed 0139 w/same pattern as 01 hour through chanting ending 0235 w/anmt & probable ID. M speaking before a crowd, gospel hymn sung by W, 0309 M ancr, fanfare, M introducing speaker; 0331 complete "Radio Vision ... Chiclayo" ID, congregational song, back to M speaking; very poor initially with conditions improving to fair after 0300; 11/25. (Taylor-WI) 4790.18, 1050 church service, recitations by congregation. Checking for signs of Atlantida but only this one heard mornings and eves regularly here with many ments of Chiclayo. Fair 11/28 (Herkimer-NY)
- 4796.45 **BOLIVIA R. Mallku** 0935 local mx, SS anmts by M DJ, ID 0948, minimal CODAR QRM 12/7. (Brandi-NJ)
- 4805 **BRAZIL R. Dif. do Amazonas** Manaus 0031 vocal ballads partially covered by CODAR sweep; P/F 12/6. (Strawman-IA)
- 4810 **MEXICO XERTA** 0042 in SS, mx, full EE ID 0048, then full SS ID, more mx; 12/15. (Brandi-NJ) 0042-0135 nice pgm of vocals hosted by M w/SS talk & ID 0102; P/F 11/30. (D'Angelo-PA) 0440 SS, pop vocals; in usual fierce het & zipper QRN; F/P 11/30. (Ronda-OK)
- 4815 **ECUADOR R. Buen Pastor** Saraguro (P) 0218 vocals, low-voiced woman speaking slowly at 0215 similar to recent logs. 12/14 (Dexter-WI) 4815.02, (P), 1100 seeming rel talk in SS by M, some mx; weak under ute & CODAR; no chance for ID 11/28. (Herkimer-NY)
- 4824.48 **PERU LV de la Selva** 0951 Huayno mx, M DJ, ID as "Selva" 1007; Santa & kids 1011 w/snatches of "Feliz Navidad", mentions of Iquitos, many ads, back to music 1016; full ID in passing at 1050 recheck. 12/7. (Brandi-NJ) 4824.5, 1032-1056 OA vocals, M ancr, SS talk, IDs & anmts; fair 12/9. (D'Angelo-PA)
- 4830 **KASHMIR R. Kashmir** (aka AIR Jammu) 1157-1233, finally nice log of this one. T/in 1157 to nice music, almost Middle-Eastern sounding. 1200 M lang ID; 1214 very nice a cappella music, very different from music hrd on most other Indian stns, sort of more 'Himalayan'-sounding. 1220 M, then 1222 M & W; just before 1230 another W talking, but fading very rapidly; poss relay 6 pm EE nx from Delhi but hard to tell; did sound like what was on 4920 Chennai and 5010 Thiruvananthapuram; have hrd AIR IS just before 0025 a few different times, but could never hear anything after. Very happy w/this one; sent e-mail rpt. to Delhi right after, sure hope to get QSL! 12/3. (Vranes-WV)
- 4830 **MONGOLIA Mongolian Radio** 1134 in presumed Mongolian; talk, music; // 4895, better on 4895 after 1140. 12/10. (Brandi-NJ)
- 4835 **AUSTRALIA ABC** Alice Springs 0825-0832* soccer or rugby sports coverage //4910-Tennant Springs; abrupt s/off, then 4910 off about 45 seconds after 4835; both freqs weak 11/11. (Alexander-PA) 0810-0819 M&W EE variety show, into modern Aussie mx; fair 10/31. // 4910 poor. (Brown-MO)
- 4835.4 **MALI RTM** 2103-2148 tribal vocals w/drums, then M FF talk; then FF discussion by 2 M; P/F & improving, //5995 good 12/17. (D'Angelo/FCDX-PA) 4835.39, 2310-0002* variety of African folk mx, Afro-pop mx, FF pops/ballads. FF anmts; march style NA 0000; weak but in the clear; //5995 stronger, but w/adjacent channel splatter, 12/1-2. Also *0555-0615+ s/on w/IS, march style NA 0558; local mx & FF anmts 0559; possible nx 0602; African folk mx 0603; weak, poor in noise; stronger on //5995; 12/2. (Alexander-PA) 4835.4, 0606-0617 M FF nx items; drums & xylophone between items; strong carrier, low audio 10/31. (Brown-MO)
- 4835.4 **PERU R. Maranon** 1038-1045 sing-song Andean vocals, M SS ID w/children reciting the freq in unison; F-G 11/10. (Brown-MO)
- 4840 **INDIA AIR Mumbai(P)** 1302-1306 M in Hindi w/S-C mx between items; fair 11/11. (Brown-MO)
- 4845 **MAURITANIA R. Mauritanie** 0235-0350+ app running all night w/non-stop AA talk by M, sometimes alternating with another man. No stopping for IDs or any other station anmts; fair 11/22. (D'Angelo-PA) 2332-2335 M AA talk w/correspondents; strong 11/28. (Brown-MO)
- 4845.2 **BRAZIL R. Cultura Ondas Tropicais** 0140-0200* W ancr, PP talk, vocal selections, ID & s/off anmts 0159; off w/no NA; P/F 12/6. (D'Angelo-PA) 4845.24, 1100 caught ending of pop vocal ballad then full canned PP ID by man; fair w/some local noise 12/13. (Herkimer, NY)
- 4850 **INDIA AIR Kohima(P)** 1255-1309 S-C vocals, two M ancrs, on in Hindi, one in lang; talk mx; fair & improving 11/11. (Brown-MO) 0034-0045 Hindi group singing, M Hindi talk; fair 12/19. (D'Angelo/FCDX-PA)
- 4855.42 **PERU R. La Hora** 1055 W ID, into rustic huaynos; weak 11/27. Heard again 1048 with more local mx, 12/1. (Herkimer-NY)
- 4860 **INDIA AIR Delhi** 1249 upbeat S-C vocals; good & steady 11/11. (Brown-MO)

- 4865 **BRAZIL R. Alvorada de Londrina/R. Imaculada Conceicao** 0440-0525+. Exact same details as 4774.9 above, though signal a little better and no CODAR. Have hrd rel pgmg here before, but was unsure which Brazilian it was, though had hrd reports recently of Alvorada here, but never hrd Alvorada ID, only mentions of Imaculada. So checked website listed in '06 WRTH, and sure enough it's site for Imaculada da Conceicao. Click on left side of first page under R. Imaculada Conceicao, and drop-down list shows both R. Educacao Rural and R. Alvorada de Londrina SW 62 m. Click on R. Ed. Rural, and it takes you to a page which shows a picture of the bldg. w/new name on front and MW/SW freq's. and a little info on change to R. Imaculada Conceicao. Sked unclear, though; only seems few hrs. a day. Click on Alvorada and takes you to page that shows antenna and short article, and mentions relays R. Imaculada Conceicao 24/7. 12/6 (Vranes-WV) 0035 in PP w/what seemed a rel pgmg; recheck 0215 still w/rel pgmg; clear IDs 0229 & 0230. Poor, sometimes peaking to fair 12/6. (Ronda-OK) 0020 fair to at times good signal of M&W in continuous tlc, marred by fading and neighborhood noise. 12/6. (Strawman-IA)
- 4869.96 **INDONESIA RRI Wamena** 1157 at noise floor 11/30. (Herr-CA)
- 4885 **BRAZIL R. Clube** 0654-0702 PP rap mx, many R. Clube live & canned IDs by M; vy good 10/31. (Brown-MO)
- 4886.63 **PERU R. Virgen del Carmen** 1051-1058 rel talk by man at t/in; pgm ended 1057, into string of local anmts, sound effects, ments of Huancavelica; poor but in the clear 12/1. (Herkimer, NY)
- 4890 **PNG NBC** Port Moresby 1335 modern pops; fair 11/6. (Brown-MO)
- 4894.87 **BRAZIL R. Novo Tempo** Campo Grande 0124-0220+; finally hrd. this one after much trying, w/surprisingly decent signal; lots of EE Christian pop music, and jingles "Gospel Internacional" & "R. Novo Tempo"; M host, w/plenty mentions of "Novo Tempo" & "A Voz da Esperanca," and also mentions of "Adventista." UTC -2 TC's, as like 4754.9 is relay of programs from eastern Brazil. After 0200, jingles and DJ mentioned "Madrugada Novo Tempo." 12/3. (Vranes-WV)
- 4895 **INDIA AIR Kurseong** *0053-0135 IS, M opening in Hindi w/ID & s/on anmts; re-tuned to note Hindi mx pgm. P/F 12/19. (D'Angelo/FCDX-PA)
- 4895 **MONGOLIA Mongolian Radio** 1144 in presumed Mongolian talk., mx, // 4830, better on 4895 after 1140, but still very weak. 12/10. (Brandi-NJ)
- 4905 **BRAZIL R. Araguaia** 0254-0259* female singer w/ BRZ pop vocal, M ID; into another pop music selection just before carrier was terminated. F/G 12/19. (D'Angelo/FCDX-PA)
- 4909.23 **ECUADOR R. Chaskis** Otavalo (T) 1050-1115+ HC style mx, SS anmts; weak in noise 11/17. (Alexander-PA)
- 4915 **BRAZIL R. Anhanguera Brasil** 0402-0440 in PP M w/call in pgm, Brazilian rap and pop mx: 12/6 (Caras-ME)
- 4915 **BRAZIL R. Difusora Macapá** 0428 station jingle by W, M PP ID; fair 11/29. (Brown-MO) R. Nac Macapa; 2354 PP ID 2354, into long talk by woman; no ID at ToH. Fair 12/9. (Ronda-OK)
- 4919 **ECUADOR R. Quito** 0235 M in SS; this one shows up sporadically at best; F/G 12/14. (Dexter-WI) 1102-1119 M SS nx, ID 1109, more nx; missing in action until this morning; good 12/19. (D'Angelo/FCDX-PA) 4918.97, 1058 lcl mx, SS ID 1101, ads, ID 1102, talk by M; 12/8. (Brandi-NJ)
- 4920 **INDIA AIR Chennai** 0045-0056 S-C vocals, then W Hindi ancr; clear, but just audible 11/21. (Brown-MO)
- 4920 **TIBET Xizang PBS** Lhasa 1230 W introing some really good Tibetan mx. A real treat! Good, with 4905 fair, 6130 poor. 11/11. (Brown-MO)
- 4930 **BOTSWANA VOA** 0405-0412 m EE nx; P/F 11/29. (Brown-MO)
- 4935 **BRAZIL R. Capixaba** 0031 apparent sermon thru ToH; Capixaba ID & freq 0106; reverb on audio; never heard at this strength (S7) before, 12/15. (Strawman-IA) 0312 PP talk by M, poss ID around 0330, vocal group, 12/15. (Dexter-WI)
- 4950 **ANGOLA RN de Angola** 0340-0410 M brief PP anmts between pop mx selections; "3+1" time pips 0400, then ID & nx; P/F, but low mod 12/19. (D'Angelo/FCDX-PA)
- 4950 **CHINA V. Pujiang** 1324 M&W in CC just above noise level 11/13. (Brown-MO)
- 4950 **PERU R. Madres de Dios** 0016-0032 group singing, M SS anmts 7 ID; F/G 12/19. (D'Angelo/FCDX-PA)
- 4960 **SÃO TOME VOA** 0515-0521 Hausa nx by W, w/EE correspondents reports; good 10/31. (Brown-MO)
- 4965 **ZAMBIA R. Christian Voice** 0354-0416 M speaking about "unclean" health conditions in EE; jingle ID 0400, then M ID, W w/nx; Christian Voice Morning Show followed at 0405; fair 12/18. (D'Angelo/FCDX-PA)
- 4965.8 **PERU R. Santa Ana** 1028-1049 M SS rel talk, mention of "Radio Santa Ana 1034; poor 12/18. (D'Angelo/FCDX-PA)
- 4976 **UGANDA Radio Uganda** 2059-2102*, caught tail-end of choral NA; P/F 12/17 w/some CODAR QRM this far up the band. (D'Angelo/FCDX-PA)

- 4980 **CHINA PBS** Xinjiang 0019 listed Uighur pgm was W just above noise. Bothered by CODAR. 12/16. (Strawman-IA)
- 4985 **BRAZIL R. Brasil Central** 0115 PP rel talks 7 mx; also on 11815..both fair 11/30. (Turnick-PA) 0115-0126 M PP ID, into contemporary vocal by W; good level but noise & fades 11/1. (Brown-MO) 0307-0325 pgm of romantic vocals hosted by M w/ID & PP anmts; P/F 12/6, and //11815 which was fair. (D'Angelo-PA)
- 4990 **SURINAME R. Apintie** (P) 0327, slight CODAR QRM. Not often noted here. 12/15. (Dexter-WI) 1014-1048 series of Dutch ads, with brief segments of Christmas instl mx; numerous mentions of "Paramaribo" in many of the ads; ID 1033, thennx feature by M&W; fair 12/18. (D'Angelo/FCDX-PA)
- 4991 **PERU R. Ancash** 1036-1047 string of SS ads, M ID & TC; nice program of huaynos. P/F 12/18. (D'Angelo/FCDX-PA)
- 5005 **EQ.GUINEA R. Nac** Bata; *0512-0545+ Abrupt s/on with Afro-pop mx. SS anmts. Rel pgm at 0528 w/local rel mx & talk. Weak but in the clear. 11/26. (Alexander-PA)
- 5009.8 **DOM REP R. Pueblo** 1100-1200, 12/12/06 fast moving SS talk, ads, ments of Dom.Rep. towns; maybe an ID at 1130, but it was hit by a noise blob at precisely that moment. Tried again at 1100 12/13 & they were there; not sure just when they come on--they were not there on some earlier checks so they are not on all night; same talk & ads, into upbeat mx at 1130, finally a definite R.Pueblo ID, somewhat in the mud, at 1135, into more talk. Telco-ish signal. -- Later: I checked the s/on times for this one over the last couple of days, and found them popping on in mid-prgm at *1109 12/14, *1101 12/15. (Berg-MA) 5009.78, 1100-1150, 12/13/06, lengthy talk segment by M&W w/ads, promos thrown in; seemed to go into another talk after music theme 1136. Many repetitions of "hasta mañana" but only one reference to R.Pueblo noted. Tuned out at 1150 after going down and onset of local noise. Muddy modulation but signal fairly good. Noted next day, 12/14, with carrier on suddenly *1109, quick xmtr tune-up then in mid- prgm with identical format as day before. The talk segment was actually fairly strong at times but as soon as they went into the promos the audio level dropped way down. In listening to about 45 minutes of recording from both days I heard only one formal ID and that was on Dec 14 as the signal started to break up "La emisora [grando] . . . Pueblo . . . HIBL . . . Santo Domingo . . ." (Herkimer, NY) 5009.8, 1059-1130 lively vocal prior to IDs and intro of a man who began a long talk with brief ads every two to three minutes. Fair 12/18. (D'Angelo/FCDX-PA)
- 5014.38 **PERU R. Altura** Cerro de Pasco 0300-0357* SS talk over OA flute mx; ID 0331; SS ballads/pops, anmts, ID anmts 0356 & off 0357. Poor, weak in noise 12/1. (Alexander-PA)
- 5019.9 **SOLOMON IS SIBC** (P) 1303-1325 M&W EE talk, apparent relay of BBC pgmg; weak 12/18. (D'Angelo/FCDX-PA)
- 5025 **BENIN Rdiff du Benin Parakou** (P) 2035-2056 f/o, mixing with Rebelde but when on top it was poor to fair with French talk by two woman followed by French pop vocal. 11/24 (D'Angelo-PA)
- 5026 **UGANDA R. Uganda** 2048-2103* lively African vocals straining against a rapidly improving Rebelde; off w/ID and EE anmt; P/F 11/19. (D'Angelo-PA)@
- 5030 **BURKINA FASO R. Burkina** 2340-0001* Afro-pops, FF talk. s/off w/NA 2359; air, except for some splatter from Cuba on 5025. University Network not on the air. 11/4-5. (Alexander-PA) 0558-0625+ s/on w/NA; opening FF anmts 0600; FF talk, Afro-pop mx; weak, poor, mixing with University Network & a lot of splatter from Cuba on 5025. 11/26. (Alexander-PA) 303 FF listener call in pgm w/mx nterludes; fr 12/3. (Turnick-PA) 340-2354 M in FF/lang; fair w/Rebelde splatter 11/28. (Brown-MO)
- 5030 **COSTA RICA University Network** 0300 assumed Gene Scott's widow talking about their financial troubles, seeking more regular pledges and talk about the importance of their C-Band feeds. She said they are getting by. Might explain some of the missing SW xmsns recently reported. 12/14 (Dexter-WI)
- 5035 **BRAZIL R. Aparecida** 0335 PP talk, brief classical mx drop-ins; good but with rapid fades. (Dexter-WI)
- 5040.42 **BURMA R. Myanmar** 1150-1214 in lang; fair w/W over co-channel ute; one vocal song 1157 then into long talk. Segment by woman with simple piano melody repeated throughout. 12/16 (Herkimer, NY) 5040.4, 1150-1239 haunting flutes & local vocals & talks by a W ancr in Burmese; apparent news 1230, then flute music; poor 12/18. (D'Angelo/FCDX-PA)
- 5045 **BRAZIL R. Guaruja Paulista** (P) 0343 M in PP; weak to fair; best in USB. Last heard in November, '75 when it was Radio Difusora Presidente Prudente. So definitely not a regular. 12/15. (Dexter-WI)
- 5050 **AUSTRALIA ARDS Radio Humpty Doo** 0850 aboriginal mx w/diggerae (wind instrument) & percussion; M EE ID 0912 "You are listening to ARDS Radio" and gave a phone # and invited replies; then more aboriginal group vocals; weak at first but rose rapidly; perfect greyline. 11/8. (Brown-MO)

- 5050 **USA WWRB** Manchester TN 0244-0305 in EE; noted in passing but stuck around a bit after host said he was going to talk about the HAARP project in AK. "Changing the Way We See The World with Dr Nick Begich". Apparently the brother of the mayor of Anchorage. Calls from a couple of listeners. Ads for oddball things. 0300 ID, and back to Dr. Nick. Never quite got onto the topic of HAARP apart from "Barium Insertions", did mention some book he wrote, so tuned out. Good 12/3. (Mikell-IL)
- 5050 **CHINA Guangxi FBS** 2323-2345+ VV pop tunes, short anmts w/jungles (ads?), apparent nx 2330; // 9820. other Chinese b'casts listed on both freqs at same time, but language was definitely not Mandarin. 5050 faded out by 2340 (w/no sign of WWRB), // 9820 somewhat better with some co-channel QRM (China Nat'l Radio?). Rechecks on later days found WWRB back and covering 5050 at this time. PF 11/26. (Schieffelbein-MO)
- 5420 **CHINA V the Minorities** Beijing 1240-1300* M in Mongolian dramatic presentation; very good, a regular here in central Missouri; 11/23. (Brown-MO)
- 5446.5 **USA Armed Forces Radio** Key West 2114 the 'Cincinnati Show' featuring question and answer call-in's. Fair 12/2. (Turnick-PA)
- 5460.3 **PERU R.Emisora Bolivar** (P) 1106-1115 rapid fire SS M, into a couple of selections of Andean vocals; P/F w/morse QRM 11/13. (Brown-MO)
- 5470 **LIBERIA R. Veritas** 2048-2103* two men discussing the constitution and how to change it. Phone calls from listeners during program called Topical Issues; after pgm, M w/ID & FM/SW freqs, with SW going off, tune in tomorrow to 6.09 MHz; then a series of promo anmts w/carrier cut during one of them. Fair 12/18. (D'Angelo/FCDX-PA)
- 5486.7 **PERU La reina de la Selva** 1100-1106 salsa mx, no talk; threshold level signal 11/21. (Brown-MO) 1110-1126 f/o M SS talk & ID, OA vocals; poor 12/19. (D'Angelo/FCDX-PA)
- 5500 **ETHIOPIA V of Tigrey Rev.** *0355-0415+ distinctive IS. Vernacular talk 0400, Horn of Africa mx. F/G 11/17; H 6350-poor in ute QRM. (Alexander-PA)
- 5775 **ITALY IRRS** 1900-1930* EErel pgm w/talk & gospel mx. Poor 11/24; weak in noise. (Alexander-PA)
- 5910 **COLOMBIA R. Marfil Estereo via LV de tu Conciencia** 0723-0745 good asst' of Latin music; 11/11. (Brown-MO)



Company Store

Mike Wolfson KB8TYT • 1842 Mifflin Ave. • Ashland, OH 44805 • mwolfson@bright.net

Hello everyone and Happy New Year. I'll start right off by saying that I don't have any big announcements for you this month. I can tell you, though, that our specials for the 2007 Passport to World Band Radio (\$18.90 + s/h) and for the WRTH (\$26.90 + s/h) are still good, so its not too late to get yourself a copy of one or the other or even both of the best reference sources for shortwave stations available. We are also offering a great looking 2007 QSL Calendar (\$17 ppd) from the guys at ADDX. Finally, don't forget the great deals on the WRTH CDs (1947-1958 and 1959-1970 \$60 each or both for \$99 ppd). If you don't have both of them already, you may want to consider giving yourself a late Christmas present. While you're at it, keep in mind that WinterFest is coming up. This year will be VERY special in that its the 20th birthday for this get together. In honor of the event, Rich and John have made it a 3 day event. The dates are listed elsewhere in The Journal. Until next month, good DX. Mike



NASWA

Visit our newly redesigned and refreshed 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/>.

International Band Loggings

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

- 5915 **ZAMBIA ZNBC** Lusaka in Vern/EG *0241-0349, Fish Eagle IS at s/on, choral NA, tlks in Vern, local choral mx, weak poor w/QRN, //6165 (Alexander PA 12/2, Hunt SC 11/20)
- 5960 **TURKEY V of Turkey** in EG *2300, IS, pips, ID, fqys, sked, national nx including item about the Bosphorus region (McGuire MD 11/22, Wood TN 12/9)
- 5960 **RUSSIA R Tikhyy Okean** (Pacific Ocean) in RS *0935-1000*, ID "Govorit Vladivostok", chimes IS, also IDs for "Radiostantiya Tikhyy Okean", nx, RS ballads (Howard CA 11/20, Barbour NH 11/27)
- 59649v **MALAYSIA Klasik Nasional FM** via RTM Kajang in Malaysian 1600-1633, NA, nx, Qu'ran recital, DJ w/pop songs and ballads, singing station jingles, IDs, website, f (Howard CA 11/28)
- 59858v **MYANMAR R Myanmar** in Burmese 1220-1325, distinctive mx, nx 1230, ID, narrative pgm w/mx b/w segments, some QRM from R Marti on 5980 (Herkimer NY 11/23, Evans TN 11/15)
- 5990 **BRAZIL R Senado** Brasilia in PT *0855, t/in to jazz mx and ID, opening ancmts, Brazilian ballads, PT talks, news (Alexander PA 11/11, Hunt SC 11/10)
- 6000 **BRAZIL R Guaiba** Porto Alegre in PT 2315, talks, ID, weak and in the clear until covered by Prague relay (Canada) s/on in SP at 2330, //11785 (Alexander PA 11/25)
- 6005 **RUSSIA V of Russia** relay via Komsomolsk in JP 1440, Balalaika recital w/some fancy fingerwork, in the clear and //5995 mixing w/R Australia, no sign of Havana on 6000 to QRM (Hauser OK 11/27)
- 6030 **CANADA CFVP** Calgary relaying MW CKMX in EG 0540, IDs "Classic Country AM 1060", program "Canadian Countdown", p-f, best on Mondays when Marti is off (Howard CA 11/13) only 100 watts!
- 6035 **COLOMBIA LV del Guaviare** in SP 0110-0240, coverage of futbol match, jingles, ads, marching band selection for about 3 minutes 0125 then coverage resumed to 0235, f (D'Angelo PA 12/14) in SP 1012 w/ballads and fqy announcements at 1013 (Kohlbrener FCDX-PA 11/13)
- 6040 **MOLDOVA R Nederlands** relay in DT 2226, special live election coverage w/phone-in calls, covered by CRI relay (Canada) at 2300, //11730, 15315, 13720, 9895, 6015 (Schiefelbein MO 11/22)
- 60497v **MALAYSIA Asyik FM** relay via RTM Kajang in Malaysian 1147-1224, repetitive indigenous singing and chanting, news and pips 1200, IDs, jingles, phone calls, f-p (Howard CA 11/25, Herr CA 11/30)
- 6055 **TURKEY V of Turkey** in EG 1938-2020*, Turkish Press Review, TK mx, language lesson, IDs and closing announcements, booming signal (D'Angelo PA 11/19)
- 6055 **RWANDA R Rwanda** Kigali in FR/Vern 2036, listener phone calls b/w various FR and Vern pop music bits, several IDs in passing, f-g (Barbour SHDX/NH)
- 6060 **CHINA PBS Sichuan** Chengdu in CH 1033, DJ's playing CH pop songs, nx? 1045, pips ToH and then covered by sign-on of RN de Venezuela via Cuba relay, f-p (Howard CA 12/6)
- 6080 **SINGAPORE RSI** in EG 1210-1242, media magazine format w/various hosts/hostesses in a fast-paced format, many IDs, f-g, //6150 poor (D'Angelo FCDX-PA)
- 6090 **UNITED KINGDOM R Japan** relay via Skelton in EG 2109, features "Top News and Views" and "Asian Top News", p (Turnick PA 11/22)
- 61253v **INDONESIA RRI** Nabire in IN 1240, long boring talk lasting to 1320, pips 1300, several nice music selections, Love Ambon at 1358 w/closing ancmts, s/off just after 1400, g (Lare MI)
- 61348 **BOLIVIA R Santa Cruz** in SP? 0937, ads, some LA ballads, singing ID, f (Howard CA 11/15)
- 6165 **CHAD RN Tehadienne** N'djamena in FR 2127-2258, lots of hi-life vocals, Afro pops, IDs, news 2200, mixing w/Croatia xmsn which dominated at times (Brandi NJ, D'Angelo PA, Ronda OK, Turnick PA)
- 6185 **MEXICO R Educacion** in SP 0932-1007, vocals, talks, ID ToH, news, f-g (D'Angelo PA 11/18)
- 6255 **LITHUANIA VOIRI** relay via Sitkunai in EG 2016, nx, ID, closedown ancmts and mx at 2029, fair on this channel but good on //6010 (D'Angelo FCDX-PA 12/17)
- 7120 **PAPUA NEW GUINEA R Wantok Light** in EG 1057, Christian mx, ID "Wantok Radio Light FM" and "Welcome to our Night Light Devotion" and FM fqy, f-g (Vranes WV 11/29, Herr CA 11/30)
- 7120 **SOUTH AFRICA BBC** relay in EG 0435, phone-ins, pop mx b/w calls, //7160, f (Ronda OK 12/7)
- 7120 **CHINA Xinjiang PBS** in Kyrgyz 1026, talk, ID 1030, IS matching website, CH mx (Brandi NJ 11/20)
- 7130 **TAIWAN RTI** Minhsiung in EG 1213, interview re refugee problems in Taiwan, ID 1215, feature on "Today in History", f (Ronda OK 11/23)
- 7170 **RUSSIA China R Int** relay via Moscow in EG 2200, xmsn to N Europe, news, report on "Developing Countries and China Beat (music) Programs", f (Ronda OK 11/26)

- 7190 **TUNISIA RTT** Sfax in AR 0629, humor pgm frequently interrupted by audience laughter, phone interview, good reliable signal this time of day in Oklahoma (Hauser OK 11/18, Ronda OK 11/22)
- 7195 **ASCENSION ISLAND BBC** relay in SH 0358, IS, TS, ID at 0400, nx and occasional mx, sudden s/off each day at 0429 even if in the middle of a mx selection, f (Ronda OK 11/21)
- 7220 **CHINA CRI** via Xi'an in VT 2320, talk and mx targeting Vietnam, strong signal, //9415 Beijing a bit ahead of 7220 (Hauser OK 11/26)
- 7225 **RWANDA Deut Welle** relay in EG, nx re US involvement in Iraq and the MidEast, f (Hunt SC 11/10)
- 7230 **SLOVAKIA RSI** in EG *0100, news, Mailbag, cmntry on early unexpected November snowstorm, also re a sensational murder/crime scene, tk on breast cancer, f-g (Hunt SC 11/12, Turnick PA 11/25)
- 7235 **SINGAPORE R Singapore Int** in Malaysian 1046, tk by YL, E-mail addresses for various programs, TCs for SE Asian countries at 1100, two IDs (Brandi NJ 11/21)
- 7250 **ARMENIA V of Russia** relay Samara in EG *0200, IS, NA, local nx, ment Iraq (McGuire MD 11/21)
- 7255 **NIGERIA V of Nigeria** Ikorodu in Hausa 2205, studio talk w/several ments of Nigeria, ID 2230, fading out after 2230 and gone by 2300 (Ronda OK 11/17)
- 7285 **GERMANY V of Croatia** relay in EG 2315, nx re two political parties to form a coalition govt, cmntry on drunk drivers in Croatia, wx rpt, fqys, web address, Croatian folk mx, g (Hunt SC 11/12) in EG 2312, pop mx, "Croatia Today" re politics in Croatia, skeds, target areas, fqys, p (Wood TN 12/9)
- 7300 **THAILAND R Thailand** in VT/Khmer 1112, close of VT lang pgm followed by traditional gongs and ID in EG at 1215, into Khmer w/ID and fqy, abrupt closedown 1129, f-g (D'Angelo FDX-PA 12/19)
- 7320 **FRANCE R Jamahiriya** (Libya) relay in AR 2220, modern AR mx, ID, nx 2230, f (Ronda OK 11/25)
- 7325 **AUSTRIA RAI** Moosbrunn in EG 0045, "Report from Austria" feature, f (Fraser ME 11/15)
- 7350 **VATICAN STATE V of Russia** relay in EG 0412, feature "Science Plus", songs (Turnick PA 11/29)
- 7390 **SOUTH AFRICA Channel Africa** in EG 0304, nx re UN and AIDS in Africa, economic nx, brief QRM from data burst, f-g although beamed to E Africa (Hauser OK 11/14)
- 7400 **BULGARIA R Bulgaria** in EG 0040, "Radio Bulgaria Calling", f-g, //9700 (Fraser ME 11/11)
- 7545 **ISRAEL Kol Israel** in EG *2000-2027*, 5+1 pips, ID, news, closedown w/ID and IS, fair, //6280 p-f (D'Angelo FCDX-PA 12/18) in EG 2016, anti-war demonstrations end, g (Fraser ME 11/12)
- 9310 **BULGARIA** (site presumed) **European Gospel Radio** relay via IRRS in EG 1140, choral mx, religious talk, IRRS ID 1145, UNICEF Radio segment re Africa, pop mx, website, f (Herkimer NY 11/26)
- 9335 **NORTH KOREA V of Korea** Kuyang in EG *1300-1340, NA, ID, pgm previews, choral anthem, news about the Great Leader, p-f with QRM in background (D'Angelo FCDX-PA 11/13, Caras ME 11/22)
- 9415 **CHINA CRI** Beijing in VT 2354, CH mx, website ancmnt in EG, ID? and s/off 2358 (Taylor WI 12/7)
- 9455 **NORTHERN MARIANAS R Free Asia** relay in VT 1404, interviews and phone guests, occasional clips of EG which sounded like they were part of feature rpts, g w/some QRM (Schiefelbein MO 11/29)
- 9475 **AUSTRALIA R Australia** in EG 1625, call-in pgm re socio-economics, IDs (Caras ME 11/23)
- 9525 **INDONESIA V of Indonesia** Jakarta in SP 1700, mx, ID "La Voz de Indonesia", nx spoken syllable by syllable w/accnt, brief Arte y Cultura pgm re something in East Java, into GM program'g at 1800, vg (Hauser OK 11/27) in GM 1820, lyrical folk mx, ID, talk over organ/flute mx, f (Schiefelbein 11/29) in EG 2103, end of xmsn with nx in EG, ID, sked, and off 2106, vg (Alexander PA 11/25) in CH 1126, vocals, ancmnts and into JP 1131, gamelan and flute mx, ID, f (Ronda OK 11/23, Herr CA 11/30)
- 9525 **GERMANY Radio Polonia** relay via Wertachtel in EG 1304, nx, press review, almost entirely about mining disaster in Silesia where 23 miners died in a methane explosion, ID, rpt on Polish elections, Russia-EU summit meeting, "News in Poland", "Business Week", "Discovering Chopin, w/long piano pieces, e-mail, web and postal addresses (Brandi NJ 11/24)
- 9580 **GABON Africa #1** Moyabi in FR 2128, FR songs, ID, traditional Afro vcls/drums, f (Ronda OK 12/2)
- 95994v **MEXICO XEYU Radio UNAM** in SP 1538, apparently testing for a possible return to shortwave, talk show about democracy/politics, classical mx, IDs sounded like Radio Universidad Nacional rather than UNAM, some QRM splash from CH stn on 9605 (Schiefelbein MO 12/6, Hauser OK 12/6)
- 9615 **PHILIPPINES R Veritas Asia** in CH 1132, features, theme mx, ID, fqys, EG ID, f (Schiefelbein 11/29)
- 9620 **INDIA AIR** Aligarh in Sindhi 1316, subcont mx, nx bulletin, f, //11585 Delhi (Schiefelbein MO 11/29)
- 9630v **BRAZIL R Aparecida** in PT 0840, BR pops/ballads, ID, talks, ads, jingles, f (Alexander PA 11/24)
- 96452v **BRAZIL R Bandeirantes** São Paulo in PT 0155, tlks, ads, jingles, ballads, ID, f (Alexander PA 11/24)
- 9665 **BRAZIL R Marumby** Florianopolis in PT 2245, ballads, ID, sermon at 2300, f (Alexander PA 11/23)
- 9665 **BRAZIL China Radio International** relay in SP 0319, cmntry, ID, "Economica de la Latina" segment (Turnick PA 11/20, Mezek AZ 11/18)
- 97041 **ETHIOPIA R Ethiopia** Addis Ababa in Amheric 1853-1945, tribal vocals, 3 pips at 1900, ID, news, tribal vocals from 1923, p, //7110 (D'Angelo FCDX-PA 12/18, Barbour SHDX-NH 12/5)

- 9705 **NIGER** *La Voz du Sahel* Niamey in FR 2230-2302*, Afro pop mx, Koran at 2254, IS at 2300 followed by choral anthem and s/off, f (Alexander PA 11/3)
- 97201v **PERU** *R Victoria* Lima in SP 1025, passionate relig sermon to 1045, back to local prgmg but signal nearly gone, heavy splatter from Family Radio on 9715 (Herkimer NY 12/3)
- 9725 **THAILAND** *R Thailand* in EG *1400-1429*, opened w/theme, news, "Science Show" w/Robyn Williams, feature re the Royal Guards March which was mostly talk about parading for the King's birthday, xmsn abruptly off w/o wrap up or goodbye (Hauser OK 12/9)
- 9760 **CHINA** *CRI* via Kunming in EG 1225, news, CH and world wx rpt, story re volunteers monitoring pollution in the Yellow River, VOA relay from Philippines hrd underneath, g (Schiefelbein MO 11/29)
- 9810 **THAILAND** *R Thailand* in EG 1245, Thai and regional nx, short feature on internet use, ad for Thailand tourism with internet address, poor but readable (Ronda OK 11/16)
- 9820 **INDIA** *AIR* Panaji in Sinhala *1300-1500*, talks w/few mx breaks up to 1400, almost completely mx and vocals to s/off, some cmntry, ID (Ronda OK 11/19, Caras ME 12/5, Turnick PA 11/9. Hauser OK)
- 9820 **CHINA** *Guangxi* *FBS* Nanning in VT 2308, talks, pop tunes, ads?, CNR in CH fading up underneath starting around 2330, g (Schiefelbein MO 12/3)
- 9820 **CHINA** *China Business Radio/CNRR2* via Xian in EG 1311, evening pgm w/review of the movie "The Devil Wore Prada" w/many audio clips, "Advanced Studio Classroom" w/Bill Quinn, //7375, 7245, 6155 and 6065, all mostly fair (Howard CA 12/10) in CH 0035, news features (Strawman IA 12/11)
- 9865 **MOROCCO** *R Free Europe* relay in Belarussian 1906, extensive coverage re the poisoning and death of Aleksandre Litninenko, the former KGB spy, f (Turnick PA 11/24)
- 9885 **BOTSWANA** *VOA* relay in EG 0404, "Daybreak Africa" w/nx features, IDs and TCs followed by VOA World News Now from 0430, f-g (D'Angelo PA 12/8)
- 11550 **MADAGASCAR** *R Sweden* relay in EG 0135, features re EU chemical regulations and a controversy at the Stockholm Museum of Modern Art, f (Schiefelbein MO 12/5)
- 11625 **VATICAN CITY** *Vatican Radio* in EG 2008, African News Panorama, talk re Sudan and agricultural development there, Christian message (Hauser OK 11/23, Wood TN 11/17)
- 11655 **MADAGASCAR** *R Nederlands* relay in EG 1005, tlk re Nazi invasion in WWII, f (Fraser ME 11/10)
- 11690 **RWANDA** *Deut Welle* relay via Kigali in EG 2105, "Newslink", ID, g (McGuire MD 11/20)
- 11690 **JORDAN** *Radio Jordan* in EG 1420, Western and Arabic pop mx, ID for FM station being relayed, letters/e-mails from listeners, news 1500 (Brandi NJ 12/6) in EG 1500, FM relay w/3 minutes of news during pause in pop mx, all news concerned the Mideast (Hauser OK 12/6) in EG 1604-1701, mx from the 70s, 80s, and 90s, disco beat rx, many IDs for FM relay, signal suffered from RTTY on the low side and some fading (Evans TN 11/24) in EG 1600, nx, ID, pop mx, RTTY QRM (D'Angelo PA 11/18)
- 117107v **ARGENTINA** *RAE* in EG 0200, local news, sports, plenty of tango and folk mx mixed in, strong het from carrier on 117096 but got rid of it in USB, g (Schiefelbein MO 12/6)
- 11730 **LEEWARD ANTILLES** *R Nederland* relay in DT *2200, bell chimes, ID, time pips, fqy, schedule, national news, g (McGuire MD 11/23)
- 11735 **TANZANIA** *RT Zanzibar* in SH 1900-2002, ID, nx, YL playing Afro pop and Hindi-style selections (Ronda OK 11/23, Kohlbrenner FCDX-PA 11/12, Hunt SC 11/6, Barbour SHDX/NH 12/5)
- 11750 **AUSTRALIA** *HCJB* Australia in EG 0735, pgm of various secular and relig mx selections, ID 0751 with e-mail and postal addresses, p-f (Pogue TN 12/22)
- 11880 **AUSTRALIA** *RA* in EG 2010, Pacific nx re Fiji, Bougainville, and Tonga (Hauser OK 11/23)
- 11960 **ECUADOR** *HCJB* Quito in SP 1450, live alabanza revival celebrating the 75th anniversary of HCJB, bits of mx on quean, pan flute with a guest who traveled 48 hrs from Peru to get there, end of xmsn abruptly terminated after 1500 time signal (Hauser OK 12/9)
- 11975 **RUSSIA** *Kamchatka Rybatskaya* Petropavlovsk in RS *0000-0100*, long talks by OM, ezl RS mx, signal improved during bcst and was quite good by 0100 s/off, Sundays only (Schiefelbein MO 11/25)
- 12035 **PORTUGAL** *Deut Welle* relay in FR *1600, ID, national and regional nx, f (McGuire MD 11/23)
- 12759usb **DIEGO GARCIA** *AFRTS* relay in EG 1440, National Public Radio programming, nx, sports bulletins, PSA announcements, ID ToH, sign off at 1507 (Schiefelbein MO 11/18, D'Angelo PA 11/18)
- 13735 **SAO TOME** *VOA* relay in FR 2025, Afro pop mx, "Yankee Doodle" IS at 2030*, f (Wood TN 11/17)
- 13780 **RWANDA** *Deut Welle* relay in AR *2000, ID, mostly regional nx, rpt on Israel (McGuire MD 11/16)
- 13865 **ICELAND** *Ríkisutvarpið* Reykjavik in IC *1407-1451*, no s/on or s/off ID, bcst began w/children's choir, piano mx, fair signal but increased significantly by 1430, poor afterwards (Shemanski NC 11/23)
- 15140 **OMAN** *R Sultanate of Oman* in EG *1400, nx, ID, US pop mx, into AR tlks at 1501, f-g strength but with noticeable hum (Alexander PA 12/2) in EG 1404, nx report re coup in Fiji, brief snippet of AR mx, into western pop rx, canned ID 1410, mostly non-stop mx to 1500 (Brandi NJ 12/7)

- 15140 **SOUTH AFRICA AWR** via Meyerton in Fulani (Niger-Congo language) *1900, opening ID in EG and variety of languages, then pgm of mostly African-style mx and talk, exc (Pogue TN 12/20)
- 15190 **EQUATORIAL GUINEA Radio Africa** Bata in EG 1150, religious pgm until s/off with ID and various addresses for rpts at 1157, very poor w/distorted audio/low modulation (Alexander PA 11.17)
- 15515 **AUSTRALIA RA** in EG 2200, nx re Fijian military coup and Iraq events, p, //15230 (Wood TN 11/24)
- 15560 **PORTUGAL RDP** Lisbon in PT *1256, mx, IDs, "A Portuguesa", time and fqys for SW and satellite, news, feature "Abraco da Madeira", mx, contact info, vg beamed to N Am (Berg MA 12/17)
- 15820 **ARGENTINA R Continental** Buenos Aires in SP 0230-0305+, talks, US pop rx, adm time pips, ID "Continetal" at 0300, transmission in LSB, g (Alexander PA 11/11)
- 17730 **MOROCCO VOA** relay in EG *1730, VOA Studio 7 for Zimbabwe, nx, editorial re people being suppressed with the internet within the country, also item about what China does to suppress their citizens in order to find the truth, f (Hunt SC 11/21)
- 17825 **JAPAN R Japan** Tokyo in EG 2140, sports rpt, ments of Japanese Professional League, women's pro golf, figure skating, women's marathon, and the Pacific Curling Championships, g (Wood TN 11/24)

Clandestine/Opposition Stations

- 6215nf **ALGERIA RASD-Radio Nacional de la Republica Arabe Saharaui Democratica** relay to Western Sahara in SP 2307-2336, rustic vocals, IDs 2325, long political talk, p-f (D'Angelo FCDX-PA 12/17) in AR/SP 2203, usual Western Sahara-related political nx, f (Jaar QC 12/12)
- 6245 **UKRAINE R Zamaneh** relay via Mykolaiv in Farsi 1822-2001, Mid East songs, talks, nx w/ments of Iran and Iraq, internet address, IDs, g (Jaar QC 11/27) in Farsi 2049-2059*, tlks, instrument'l mx, ID and website before s/off, f-g (D'Angelo FCDX-PA 12/17) in Farsi 1955-2101*, variety pgm, dramatic talks by OM, comedy sketches, local mx, pop vocals, many IDs, abrupt s/off, exc (Herkimer NY 12/16)
- 7175 **ERITREA V of the Broad Masses of Eritrea** in Vern *0355, s/on w/IS/ID sequence, talks, Horn of Africa mx, f-g, //7100 slightly weaker (Alexander PA 11/4)
- 7380 **SOUTH AFRICA V of Biafra** in EG 2140, beamed to Nigeria, long political cmntry about the Nigerian govt, theme mx, ID, fqy, clip of folk mx and off at 2200, f-g (Schieffelbein MO 12/2)
- 7425 **ALGERIA RASD** relay to Western Sahara in AR 0800, news, YL w/song in AR interrupted by OM announcer to make announcements until 0816, f (Hunt SC 11/12)
- 9525 **ASCENSION ISLAND Star Radio** (to Liberia) in EG 0748, OM/YL anchors w/nx, OM speaking to a govt official about situation in Liberia, s/off by YL at 0756, p (Hunt SC 11/12) in EG 0702, despite recent problems with tax authorities, Star Radio continues as usual w/nx of a US AID grant of \$540K for highway rehab, usual good signal for those awake (Hauser OK 11/23)
- 11530 **MOLDOVA Denge Mezopotamia** relay in Kurdish 1424-1500, Kurdish mx, listeners' phone calls, IDs, and s/off at 1500 (Taylor WI 12/9)
- 11900 **RUSSIA Tensae Ethiopia** (Voice of Unity) via Armavir in Amheric *1458-1600*, OC w/musical opening, ID, announcements, nx, series of interviews, p, //11900 also poor (D'Angelo PA 11/18)
- 11695 **MADAGASCAR V of the People** relay in EG 1748-1758*, beamed to Zimbabwe, OM w/political talk about situation in Zimbabwe, ID, tribal mx and s/off ancmts, g (D'Angelo FCDX-PA 12/18)
- 12000 **UNITED KINGDOM West Africa Democracy Radio** relay via Rampisham in EG 0720-0800*, aimed at Senegal, talk w/manager of World Bank, IDs 0725, fqys, website, Afro pops, lite instrument'l mx, abrupt s/off, weak but readable (Alexander PA 11/17)
- 17495 **MADAGASCAR Democratic V of Burma** in Burmese 1436, targeting Burma, continuous talks by M/F announcers, with a few guests on the phone, s/off 1527, f (Schieffelbein MO 11/15) 

WANTED: I am looking for a used JRD NRD-535 SW receiver. Please state condition and price. R.E. Larson, Sr., PO Box 213, Hector, MN 55342.

Times & Frequencies In English

Mike Barraclough/WDXC • 39 Sollershot Hall • Letchworth Garden City • Hertfordshire SG6 3PW • UK
mikewb@dircon.co.uk

Compiled by Mike Barraclough from station schedules, monitoring observations and reported updates.
Updates and corrections are always welcome.

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

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

AWR AFRICA	1800-1830 Af	3215n 3345n 11830n
AWR AFRICA	2000-2030 Af	9655n
KNLS ALASKA	0800-0900 FE	6150
KNLS ALASKA	1000-1100 FE	6150
KNLS ALASKA	1200-1300 FE	6150 6915
KNLS ALASKA	1400-1500 FE	6150
ALBANIA R TIRANA	0245-0300 NA	6115 7465 Tuesday to Sunday
ALBANIA R TIRANA	0330-0400 NA	6115 7465 Tuesday to Sunday
ALBANIA R TIRANA	1845-1900 Eu	6170 Monday to Saturday
ALBANIA R TIRANA	1945-2000 Eu	7465 Monday to Saturday
ALBANIA R TIRANA	2000-2030 Eu	7530 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 ABU DHABI	1200-1230 SAs	15110
AWR ABU DHABI	1530-1600 SAs	9530
HCJB AUSTRALIA	0730-0930 PA	11750
HCJB AUSTRALIA	0930-1000 As	15360
HCJB AUSTRALIA	1000-1030 As	15430
HCJB AUSTRALIA	1030-1130 As	15400 15430
HCJB AUSTRALIA	1130-1200 As	15430 Monday to Saturday
HCJB AUSTRALIA	1245-1300 As	15430 Saturday
RADIO AUSTRALIA	0000-0100 As Pa	9660 12080 13670 15240 15415> 17715 17750 17775 17795
RADIO AUSTRALIA	0100-0200 As Pa	9660 12080 13670 15240 15415 17715 17750 <17775 17795
RADIO AUSTRALIA	0200-0400 As Pa	9660 12080 13670 15240 15415 15515 17750 21725
RADIO AUSTRALIA	0400-0500 As Pa	9660 12080 13670 15240 15415 15515 17750 21725
RADIO AUSTRALIA	0500-0600 As Pa	9660 12080 13670 15160 15240 15515 17750
RADIO AUSTRALIA	0600-0700 As Pa	9660 12080 13670 15160 15240 15415 15515 17750
RADIO AUSTRALIA	0700-0800 As Pa	9660 9710 12080 13630 15160 15240 15415 17750
RADIO AUSTRALIA	0800-0900 As Pa	5995 9580 9590 9710 12080 13630 15415 17750
RADIO AUSTRALIA	0900-1100 As Pa	9580 9590 15415
RADIO AUSTRALIA	1100-1200 As Pa	5995 6020 9475 9560 9580 9590 12080
RADIO AUSTRALIA	1200-1300 As Pa	5995 6020 9475 9560 9580 9590
RADIO AUSTRALIA	1300-1400 As Pa	5995 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 9710 11660
RADIO AUSTRALIA	1700-1800 As Pa	5995 6080 7240 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* 9500 11650 11660 11880 *Frequencies used Sat/Sun
RADIO AUSTRALIA	2100-2200 As Pa	7240* 9500 9660 11650 11660 11695 12080 13630 15515
RADIO AUSTRALIA	2200-2300 As Pa	13620 13630 15230 15240 15515 17785
RADIO AUSTRALIA	2300-0000 As Pa	9660 12080 13620 13670 15230 <15240 15415> 17750> 17785 17795
VOICE INT AUSTRALIA	0100-0300 As	7355 Tashkent
VOICE INT AUSTRALIA	0300-0600 As	13685 Tashkent
VOICE INT AUSTRALIA	0430-0730 India	15515
VOICE INT AUSTRALIA	0600-0900 As	15335
VOICE INT AUSTRALIA	0900-1100 As	11955
VOICE INT AUSTRALIA	1100-1800 As	13635
AWR AUSTRIA	2100-2130 Waf	9830
Weekday schedule:		
RADIO AUSTRIA INT	2343-2358 LA	9870 Monday to Friday
RADIO AUSTRIA INT	0013-0030 LA	7325 Tuesday to Saturday
RADIO AUSTRIA INT	0043-0058 NA	7325 Tuesday to Saturday
RADIO AUSTRIA INT	1305-1320 Eu As Au	6155 13730 17855 Monday
RADIO AUSTRIA INT	1315-1330 As Au	17855 Tuesday to Friday
RADIO AUSTRIA INT	1345-1400 As Au	17855 Monday to Friday
RADIO AUSTRIA INT	1345-1400 Eu	6155 13730 Tuesday to Friday
RADIO AUSTRIA INT	1605-1620 NA	13675c Monday
RADIO AUSTRIA INT	1615-1630 NA	13675c Tuesday to Friday
RADIO AUSTRIA INT	1645-1700 NA	13675c Monday to Friday
Weekend schedule:		
RADIO AUSTRIA INT	2335-0000 LA	9870 Saturday and Sunday
RADIO AUSTRIA INT	0005-0030 LA	7325 Sunday and Monday
RADIO AUSTRIA INT	0033-0100 NA	7325 Sunday and Monday
RADIO AUSTRIA INT	0605-0630 ME	17870 repeated at 0635-0700 Sunday
RADIO AUSTRIA INT	1305-1330 Eu	6155 13730 17855 repeated 1335-1400 Saturday and Sunday
RADIO AUSTRIA INT	1605-1630 NA	13675c repeated at 1635-1700 Saturday and Sunday
The station also has a short English news bulletin to Europe at 0709 on 6155.		
VOICE OF AZERBAIJAN	1700-1730 ME	6110
RADIO BANGLADESH	1230-1300 As	7185
RADIO BANGLADESH	1745-1900 Eu	7185
BELARUS RADIO MINSK	2000-2200 Eu	7360 7390 7420
RADIO BULGARIA	0000-0100 NA	7400 9700
RADIO BULGARIA	0300-0400 NA	7400 9700
RADIO BULGARIA	0730-0800 Eu	9500 11500
RADIO BULGARIA	1230-1300 Eu	11700 15700
RADIO BULGARIA	1830-1900 Eu	5800 7500
RADIO BULGARIA	2200-2300 Eu	5800 7500
RADIO CANADA INT	0000-0100 As	9880x
RADIO CANADA INT	0005-0205 NAm	9755 (Sunday, Monday -0105)
RADIO CANADA INT	0100-0200 As	5840H 5970N
RADIO CANADA INT	1200-1300 SEAs	7105y 9665y
RADIO CANADA INT	1300-1330 SEAs	9665y 9725y
RADIO CANADA INT	1500-1600 As	9635x 11870N 11975x
RADIO CANADA INT	1505-1600 NAm	9610
RADIO CANADA INT	1705-1905 NAm	9610
RADIO CANADA INT	1800-1900 Af	7185x 11875w 13650 15365 17740
RADIO CANADA INT	2100-2200 Eu	5850H 9770
CHINA RADIO INT	0000-0100 NA/As/Eu	6020q 9570q/ 6075 7180 9425 11650 11885 / 7130
CHINA RADIO INT	0100-0200 NA/As/Eu	6005c 6020q 6080c 9570q 9580h/ 6075 7180 11650 11885 / 7130
CHINA RADIO INT	0200-0300 As	11770 13640
CHINA RADIO INT	0300-0400 NA/As	6190c 9690e 9790h/ 9460 11770 13620 15110 15120
CHINA RADIO INT	0400-0500 NA/As	6190c/ 9460 17725 17855
CHINA RADIO INT	0500-0600 NA/Af/As	5960c 6190c/ 7220q 17505/ 11880 15350 15465 17540 17725 17855
CHINA RADIO INT	0600-0700 NA/Af/As	6115c/11750q 17505
CHINA RADIO INT	0600-0700 As	11770 11880 13645 15140 15350 15465 17540 17710
CHINA RADIO INT	0700-0800 Eu/As	11785q 17490 /11880 13645 15350 15465 17540 17710
CHINA RADIO INT	0800-0900 Eu/As	11785q 17490 / 9415 11880 15350 15465 17540
CHINA RADIO INT	0900-1000 Eu/As	17490/ 9415 15350 17750
CHINA RADIO INT	0900-1100 Pa	15210 17690

CHINA RADIO INT	1000-1100 Eu/As	17490/ 5955 7135 7215 13590 13720 15190 15350 17750
CHINA RADIO INT	1100-1200 Eu/NA/As	13665q 17490 / 5960c/ 5955 9570 11650 11795 13645
CHINA RADIO INT	1200-1300 As/Pa	5955 7250 9460 9730 11650 11690 11980 12080/ 9760 11760
CHINA RADIO INT	1200-1300 Eu	13665q 13790 17490
CHINA RADIO INT	1300-1400 NA/As	9570h 11885c 15230c/ 5955 7300 9655 9730 9765 9870 11980
CHINA RADIO INT	1300-1400 Eu/Pa/LA	13610 13790/ 11760 11900 115540 via Chile
CHINA RADIO INT	1400-1500 Eu/Af	9700 9795/ 13685o 17630o
CHINA RADIO INT	1400-1500 NA/As	13675c 13740h 15230c/ 5955 7300 9460 9765 9870
CHINA RADIO INT	1500-1600 Eu/Af	9435 9525 / 6100n 13685o 17630o
CHINA RADIO INT	1500-1600 NA/As	13740h/ 5955 7160 7325 9785 9870
CHINA RADIO INT	1600-1700 Eu/Af	7255 9435 9525 / 6100n 7150 9570 11900
CHINA RADIO INT	1700-1800 Eu/Af	7205 7255 / 6100n 9570 11900
CHINA RADIO INT	1800-1900 Eu	6100 7100
CHINA RADIO INT	1900-2000 Af	7295 9440
CHINA RADIO INT	2000-2130 Af	11640o 13630o
CHINA RADIO INT	2000-2100 Eu/Af	5960q 7190 7285q 9600 / 7295 9440
CHINA RADIO INT	2100-2200 Eu	5960q 7190 7285q 9490 9600 9800
CHINA RADIO INT	2200-2300 Eu/As	7170r/ 5915
CHINA RADIO INT	2300-0000 NA/As	5990h 6040c 11970c/ 5915 6145 7180

VOICE OF CROATIA	0300-0315 NA	7285
VOICE OF CROATIA	0700-0705 Pa	9470 11690
VOICE OF CROATIA	1905-1915 Eu	6165 Monday to Friday (Saturday 1905-1910)
VOICE OF CROATIA	2315-2330 Eu NA	7285

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 CAm	9505
CUBA RADIO HAVANA	2300-0000 CAm	9550

CZECH RADIO PRAGUE	0100-0130 NA	6200 7345
CZECH RADIO PRAGUE	0200-0230 NA	6200 7345
CZECH RADIO PRAGUE	0400-0430 NA	5990c 6200 7345
CZECH RADIO PRAGUE	0430-0500 NAm	9890
CZECH RADIO PRAGUE	0800-0830 Eu	7345 9860
CZECH RADIO PRAGUE	1000-1030 Af As	15710 21745
CZECH RADIO PRAGUE	1130-1200 Eu ME Af	11640 17545
CZECH RADIO PRAGUE	1400-1430 ME Af NA	11600 13580
CZECH RADIO PRAGUE	1500-1530 NA	15160c
CZECH RADIO PRAGUE	1700-1730 Eu/Af	5930/ 15710
CZECH RADIO PRAGUE	1800-1830 Eu/AsPa	5930/ 9400
CZECH RADIO PRAGUE	2100-2130 Eu/As Pa	5930/ 9430
CZECH RADIO PRAGUE	2230-2300 Af NA	5930 9435
CZECH RADIO PRAGUE	2330-0000 NA	5930 7345

EGYPT RADIO CAIRO	0200-0330 NA	7270
EGYPT RADIO CAIRO	1215-1330 sAs	17835
EGYPT RADIO CAIRO	1600-1800 Af	11740
EGYPT RADIO CAIRO	1900-2030 wAf	15375
EGYPT RADIO CAIRO	2115-2245 Eu	9990
EGYPT RADIO CAIRO	2300-0030 NA	11885

EQ GUINEA R AFRICA	0700-1200 Af	15190
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RADIO ETHIOPIA	1600-1700 Af	7165 9560
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RADIO FRANCE INT	0400-0430 eAf	7315 9805 Monday to Friday
RADIO FRANCE INT	0500-0530 eAf	9805 11995 Monday to Friday
RADIO FRANCE INT	0600-0630 eAf	7315 9865i 11995 13680 Monday to Friday
RADIO FRANCE INT	0700-0800 Af	11725
RADIO FRANCE INT	1200-1230 Af	15275i 21620
RADIO FRANCE INT	1400-1430 As	5920r
RADIO FRANCE INT	1600-1700 Af	9730n 11615 11995 15160n

Schedule valid till February 25th

RADIO FRANCE INT	0400-0430 eAf	7315 9805 Monday to Friday
RADIO FRANCE INT	0500-0530 eAf	11995 13680 Monday to Friday
RADIO FRANCE INT	0600-0630 eAf	7315 9765 9865i 13680 Monday to Friday
RADIO FRANCE INT	0700-0800 Af	15605
RADIO FRANCE INT	1200-1230 Af	15275i 21620
RADIO FRANCE INT	1400-1430 As	5920r
RADIO FRANCE INT	1600-1700 Af	9730n 11995 15160n 15605

Schedule valid till February 25th

GERMANY D WELLE	0000-0100 As	7265i 9900r 15320r
GERMANY D WELLE	0300-0400 As	9480r
GERMANY D WELLE	0400-0500 Af	5905w 6180k 7225p 9565w 15445i
GERMANY D WELLE	0500-0530 Af	6180k 7285w 9755k 12045k 15410d

GERMANY D WELLE	0600-0630 Af	7240p 7285w 9565w 12045k
GERMANY D WELLE	0600-1000 Eu	6140w
GERMANY D WELLE	0900-1000 As	17780i 21780i
GERMANY D WELLE	1300-1600 Eu	6140w
GERMANY D WELLE	1600-1700 As	6170i 9795i 11695w
GERMANY D WELLE	1900-1930 Af	7245k 9735w 11690p 12025i 15575p
GERMANY D WELLE	2000-2100 Af	6145k 9735w 9830k 12025w 15275i
GERMANY D WELLE	2100-2200 Af	7280w 9615i 11690k
GERMANY FREE PEOPLES MISSION	1630-1700 ME	9490w Saturday
VOICE OF GREECE	0030-0130 Eu	7475 9420 12105 Monday Its All Greek To Me
VOICE OF GREECE	0700-0800 Eu	15630
VOICE OF GREECE	1105-1200 Eu	9420 17525 Sunday Its All Greek to Me
VOICE OF GREECE	1400-1500 Eu	9420 17525 Saturday Hellenes Around the World
AWR GUAM	1130-1200 EAs	15260
AWR GUAM	1330-1400 SEAs	15660 not Sunday/Wednesday
AWR GUAM	1500-1530 SAs	12105
AWR GUAM	1600-1630 SAs	9585 12065
AWR GUAM	1630-1700 SAs	11980
AWR GUAM	1730-1800 ME	9980
AWR GUAM	2130-2200 As	9720
AWR GUAM	2230-2300 As	15320
KTWR GUAM	0800-0900 Pa	11840 Monday to Friday (0800-0845 Saturday)
KTWR GUAM	0805-0900 sAs	15170 Monday to Friday
KTWR GUAM	1400-1500 SAs	9975 Monday to Thursday (1400-1430 Friday)
R BUDAPEST HUNGARY	0200-0230 NA	6110
R BUDAPEST HUNGARY	0330-0400 NA	6035
R BUDAPEST HUNGARY	1600-1630 Eu	6025 9565 Sunday
R BUDAPEST HUNGARY	2000-2030 Eu	3975 6025
R BUDAPEST HUNGARY	2200-2230 Eu/sAf	6025 9535
AII INDIA RADIO	1000-1100 Pa As	13710 15020 15235 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	15150
VOICE OF INDONESIA	0800-0900 As Am	15150
VOICE OF INDONESIA	2000-2100 Eu	9525 15150
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 6255S 7320 9855 11695
IRELAND	1600-2330 Eu	3910 6295 12255 Reflections Europe Sunday
KOL ISRAEL	0430-0445 Eu Am Pa	7545 9345 (6280 also used from December 15th)
KOL ISRAEL	1030-1045 Eu Am	15760 17535
KOL ISRAEL	1830-1845 Eu NA	6985 7545 9345
KOL ISRAEL	2000-2030 Eu Am Af	7545 9345 15640 (6280 also used from December 15th)
IRRS ITALY	0800-1300 Eu Af ME	13840 Saturday and Sunday
IRRS ITALY	0800-1300 Eu Af ME	9310 Sat/Sun Brother Stair, also 1900-2000 Mon-Th,Sat 1700-2000 Fri,Sun, 1500-1600 Sun
IRRS ITALY	1300-1330 As	15750 Sunday
IRRS ITALY	2000-2130 Eu Af ME	5775 Monday to Thursday. (2000-2300 Friday, Saturday, Sunday)
RAI ITALY	0055-0115 NA	11800
RAI ITALY	0445-0500 Af	5965 6120 7170
RAI ITALY	1935-1955 Eu	6035 9760
RAI ITALY	2025-2045 Af	6010
RAI ITALY	2205-2230 FE Pa	6090
RADIO JAPAN	0000-0015 As	13650 17810
RADIO JAPAN	0000-0100 NA	6145c
RADIO JAPAN	0100-0200 ME/As/Am	6030u 17560/ 11860p 15325 17810 17845/ 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/11690 /11715 11760 11740p 15195/ 21755 Pa
RADIO JAPAN	1000-1100 Eu/Af/Pa	17585d/17720d/21755
RADIO JAPAN	1000-1200 As/NA	9695 11730 / 6120c

RADIO JAPAN	1400-1500 As/Pa	7200 9875 11730 /11840i
RADIO JAPAN	1500-1600 As/NA	6190 7200 9875 / 9505
RADIO JAPAN	1700-1800 NA/Eu/Af	9535/ 11970 /15355m
RADIO JAPAN	2100-2200 Eu/Af/NA	6090u 6180u/11855i/17825 / 6035p Pa
RADIO JAPAN	0100-0200 Pa	17685
regional	0600-0700 Hawaii	17870
services	2100-2200 Hawaii	21670
RADIO JORDAN	1400-1730 Eu NA	11690
KOREA KBS WORLD R	0200-0300 NA Sam	9560c 15575
KOREA KBS WORLD R	0800-0900 As/Eu	9570/ 9640
KOREA KBS WORLD R	1200-1300 NA	9650c
KOREA KBS WORLD R	1300-1400 As	9570 9770
KOREA KBS WORLD R	1900-2000 As Eu	7275
KOREA KBS WORLD R	2200-2230 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	6185 9850/ 6285 9325
VO KOREA PYONGYANG	1300-1400 Eu/NA	7570 12015/ 9335 11710
VO KOREA PYONGYANG	1500-1600 Eu/NA	7570 12015/ 9335 11710
VO KOREA PYONGYANG	1600-1700 ME Af	9990 11545
VO KOREA PYONGYANG	1800-1900 Eu	7570 12015
VO KOREA PYONGYANG	1900-2000 ME Af	7100 9975 11535 11910
VO KOREA PYONGYANG	2100-2200 Eu	7570 12015
LAOS LNR Vientiane	0600-0630 As	7145
LAOS LNR Vientiane	1330-1405 As	7145
LIBYA VO AFRICA	1400-1600 Af	17725 21695 both via Issoudon, France
LITHUANIA R VILNIUS	0030-0100 NAm	9875
LITHUANIA R VILNIUS	0930-1000 Eu	9710
LITHUANIA R VILNIUS	2330-0000 NAm	7325
VOICE OF MALAYSIA	0600-0830 As/Pa	6175 9750 15295.
MOLDOVA	1700-1720 Eu	6235 Radio Pridnestrovye Monday to Thursday
MOLDOVA	1700-1740 Eu	6235 Radio Pridnestrovye Friday
VOICE OF MONGOLIA	1000-1030 As	12085
VOICE OF MONGOLIA	1500-1530 Eu	12015
VOICE OF MONGOLIA	2000-2030 Eu	12015
TWR MONTE CARLO	0800-0920 Eu	9800 11865q (Saturday 0815-0850, Sunday 0745-0920)
RADIO NEPAL	0215-0230 As	5005
RADIO NEPAL	1415-1425 As	5005
RADIO NETHERLANDS	0000-0200 NA	6165b
RADIO NETHERLANDS	0500-0600 NA	6165b
RADIO NETHERLANDS	1000-1100 As Pa	6045r 9795r 12065r
RADIO NETHERLANDS	1200-1300 NA	11675b
RADIO NETHERLANDS	1400-1600 As Pa	9345T 12080t 15595t
RADIO NETHERLANDS	1800-1900 Af	6020t 9895 11655t
RADIO NETHERLANDS	1900-2000 Af	7120t 9895 11655t 17810b
RADIO NETHERLANDS	1900-2100 NA	15525b 15315b 17725c Saturday and Sunday
RADIO NETHERLANDS	2000-2100 Af	7120t 11655t 17810b
RADIO NEW ZEALAND	0559-1058 Pa	9765
RADIO NEW ZEALAND	1059-1258 Pa	13840
RADIO NEW ZEALAND	1259-1550 Pa	5950
RADIO NEW ZEALAND	1551-1750 Pa	9870
RADIO NEW ZEALAND	1751-1950 Pa	11725
RADIO NEW ZEALAND	1951-2158 Pa	17675
RADIO NEW ZEALAND	2159-0558 Pa	15720
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	7445 9340
RADIO PAKISTAN	0730-0830 Eu	15100 17835 also 1100-1104
RADIO PAKISTAN	1600-1615 Af ME	6215 7530 11570
RADIO PILIPINAS	0200-0330 As	12025 15120 15270
RADIO PILIPINAS	1730-1930 As	11730 11890 15190
POLAND R POLONIA	1300-1400 Eu	5975n 9525w
POLAND R POLONIA	1800-1900 Eu	6015w 7130l
RADIO ROMANIA INT	0100-0200 NA	6150 9515
RADIO ROMANIA INT	0400-0500 NA SA	6115 9515 9690 11895
RADIO ROMANIA INT	0630-0700 Eu Pa	7180 9690 15135 17780
RADIO ROMANIA INT	1300-1400 Eu	15105 17745
RADIO ROMANIA INT	1800-1900 Eu	7120 9640
RADIO ROMANIA INT	2130-2200 Eu NA	6055 6115 7145 9755
RADIO ROMANIA INT	2300-2400 Eu NA	6055 6115 7105 9610
VOICE OF RUSSIA	0200-0300 NA	6240 7250 13665 15425
VOICE OF RUSSIA	0300-0400 NA/As	6240 7350 13665 15425/ 5995
VOICE OF RUSSIA	0400-0500 NA	7150 7255 7350 9840 12010 12030 13665
VOICE OF RUSSIA	0500-0600 NA	7150 7255 7350 9840 13665
VOICE OF RUSSIA	0600-0700 Eu	11575
VOICE OF RUSSIA	0600-0900 Pa	17495 17665 17805
VOICE OF RUSSIA	0800-1000 As	15195
VOICE OF RUSSIA	0900-1000 Pa	17495 17665 17805
VOICE OF RUSSIA	1500-1600 As	7260 7350 9660
VOICE OF RUSSIA	1600-1700 Eu/Af	6130 7320/ 11985 15540
VOICE OF RUSSIA	1600-1700 As	4965 4975 7260 7305 9470
VOICE OF RUSSIA	1700-1800 Eu/Af	7320/ 7270
VOICE OF RUSSIA	1700-1800 As	6125 7125 7270 9470
VOICE OF RUSSIA	1800-1900 Eu/Af	6055* 6175* 7105 7320/ 7270 11510 *Sat, Sun only
VOICE OF RUSSIA	1800-1900 As	6125 7125 7295
VOICE OF RUSSIA	1900-2000 Eu/Af	6175 7105 7290/ 7335 11510
VOICE OF RUSSIA	2000-2100 Eu/As	6145 7105 7330/ 5955
VOICE OF RUSSIA	2100-2200 Eu	7290 7330
INT RADIO SERBIA	1930-2000 Eu	6100
RADIO SINGAPORE INT	1100-1400 As	6080 6150
RADIO SLOVAKIA INT	0100-0130 N&SA	7230 9440
RADIO SLOVAKIA INT	0700-0730 Pa	13715 15460
RADIO SLOVAKIA INT	1730-1800 Eu	5915 6055
RADIO SLOVAKIA INT	1930-2000 EU	5915 7345
S AFRICA CHANNEL AF	0300-0400 Af	3345 7390
S AFRICA CHANNEL AF	0400-0500 Af	3345
S AFRICA CHANNEL AF	0500-0600 Af	7240 9685
S AFRICA CHANNEL AF	0600-0700 Af	9685 15255
S AFRICA CHANNEL AF	1000-1200 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	0000-0100 NA	6055
REE SPAIN	2000-2100 Eu Af	9680 11680 Monday to Friday
REE SPAIN	2100-2200 Eu Af	9680 11625 Saturday and Sunday
SLBC SRI LANKA	0100-0500 As	6005 9770 15745
SLBC SRI LANKA	1400-1600 As	7300 11905 15745 Hindi and English service
SWAZILAND TWR	0300-0330 Af	3200 Sunday
SWAZILAND TWR	0430-0500 Af	3200 4775 Monday to Friday
SWAZILAND TWR	0500-0800 Af	4775 Saturday and Sunday
SWAZILAND TWR	0500-0900 Af	6120 9500
SWAZILAND TWR	0600-0645 Af	11640n (-0615 Saturday and Sunday)
SWAZILAND TWR	1645-1715 Af	6130 (Saturday and Sunday 1630-1700)
SWAZILAND TWR	1700-2030 Af	3200
SWAZILAND TWR	1730-1900 Af	9500
RADIO SWEDEN	0130-0200 AsPa	11550t
RADIO SWEDEN	0230-0300 NA	6010c
RADIO SWEDEN	0330-0400 NA	6010c

RADIO SWEDEN	1330-1400 Eu As NA	7420 11550 15240
RADIO SWEDEN	1430-1500 Eu Af As	11550
RADIO SWEDEN	1430-1500 NA	15240c
RADIO SWEDEN	1830-1900 Eu	6065
RADIO SWEDEN	2030-2100 Eu As	6065 7420t
RADIO SWEDEN	2230-2300 Eu	6065
SWEDEN IBRA RADIO	1830-1845 EAf	9520j
SYRIA R DAMASCUS	2005-2205 Eu NA	9330 12085
TAIWAN R TAIPEI INT	0100-0200 As	11875 15465
TAIWAN R TAIPEI INT	0200-0300 NA	5950f 9680f
TAIWAN R TAIPEI INT	0300-0400 NA/LA/As	5950f/15215f/15320
TAIWAN R TAIPEI INT	0700-0800 NA	5950f
TAIWAN R TAIPEI INT	0800-0900 SEAs	9610
TAIWAN R TAIPEI INT	1100-1200 SEAs	7445
TAIWAN R TAIPEI INT	1200-1300 FE	7130
TAIWAN R TAIPEI INT	1400-1500 SEAs	15265
TAIWAN R TAIPEI INT	1600-1700 As	9785 Issoudun 11550
TAIWAN R TAIPEI INT	1700-1800 Af	11850 Issoudun, France
TAIWAN R TAIPEI INT	1800-1900 Eu	3965 Issoudun, France
TAIWAN R TAIPEI INT	2200-2300 Eu	15600f
RADIO TAJIKISTAN	0345-0400 ME	7245
RADIO TAJIKISTAN	1645-1700 ME	7245
RADIO THAILAND	0000-0030 Af	9680
RADIO THAILAND	0030-0100 eCNA	5890 Greenville
RADIO THAILAND	0200-0230 wCNA	5890 Delano
RADIO THAILAND	0530-0600 Eu	13770
RADIO THAILAND	1230-1300 As Pa	9810
RADIO THAILAND	1400-1430 As Pa	9725
RADIO THAILAND	1900-2000 Eu	9805
RADIO THAILAND	2030-2045 Eu	9535
VOICE OF TURKEY	0400-0500 NA/As	6020/ 7240
VOICE OF TURKEY	1330-1430 Eu/AsPa	12035/ 11735
VOICE OF TURKEY	1930-2030 Eu	6055
VOICE OF TURKEY	2130-2230 As Pa	9525
VOICE OF TURKEY	2300-0000 NA	5960
UK BIBLE VOICE	0000-0200 Iraq	5945w Friday
UK BROADCASTING	0030-0100 SEAs	5955d Friday, Saturday, Sunday
UK NETWORK	0800-0945 WEu	5945j Sunday (0800-0915 Saturday, 0800-0930 Friday)
UK	1030-1100 As	5985r Sunday
UK	1100-1200 As	5950r Saturday and Sunday (Monday 1115-1130)
UK	1400-1500 SEAs	11695j Saturday and Sunday
UK	1530-1600 SEAs	12035j Monday, Thursday, Saturday
UK	1630-1830 ME	9460j Sun (1640-1715 Mon, Wed, Fri, 1640-1815 Tu, 1640-1745 Th, 1830-1900 Fri, 1640-1830 and 1900-1930 Sat)
UK	1800-1900 ME	9730j Saturday (Sunday 1730-1800, 1830-1900)
UK	1845-1900 ME	7210j Saturday
UK	1900-1930 EEu	6015j Saturday and Sunday (also 1945-2015 Saturday, 2000-2030 Sunday)
UK	1900-2000 ME	9470j Saturday and Sunday (Friday 1915-2000)
UK	1900-1930 Af	7260j Saturday (Sunday 1930-2000)
UK	1640-1715 ME	9460j Mon,Wed,Fri (1630-1830 Sun, -1900 Tu, -1745 Th, also 1830-9100 Fri, 1645-1930 Sat, some Hebrew programming)
UK CHRISTIAN VOICE	0500-0600 WAf	9430w
UK	0515-1545 Af	9555n
UK	0600-0700 WAf	11720w
UK	0700-0900 WAf	15640w
UK	1500-1800 WAf	15680w
UK	1800-2000 WAf	9490w
UK	2000-2100 WAf	7285w
UK FAR EAST BC ASSOCIATION	1400-1415 SAs ME	7190r
	1500-1545 India	7340r
RADIO UKRAINE INT	0100-0200 NA	5820
RADIO UKRAINE INT	0400-0500 NA	5820
RADIO UKRAINE INT	1200-1300 Eu	9925
RADIO UKRAINE INT	2200-2300 Eu	5830
UNITED NATIONS	1730-1745 Af	7170n 9565u 17810l Monday to Friday

UNIVERSAL LIFE	0100-0130 As	7260w Sunday
UNIVERSAL LIFE	1900-1930 ME	7105j Sunday
USA KAIJ	2100-1300 NA FE	5755
USA KAIJ	1300-2100 NA FE	9480
USA KJES	0200-0330 NA	7555
USA KJES	1400-1600 NA	11715
USA KJES	1900-2000 Pa CAm	15385
USA KTBN	0000-1600 NA	7505
USA KTBN	1600-0000 NA	15590
USA KWHR	0100-0500 As	17655
USA KWHR	0500-0800 As	11565 15610
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	1200-1300 Eu ME	6110j Sunday
USA MINISTRY	1300-1500 Eu ME	6110j
USA	1400-1600 ME	13810j
USA	1800-1900 Af	9670j
USA PAN AMERICAN	0030-0045 SEAs	6165w Sunday
USA BROADCASTING	1400-1415 ME	13645N Saturday
USA	1430-1445 ME SEAs	13645N 13820j Sunday
USA	1545-1630 ME	13820j Sunday (Thursday 1600-1630)
USA	1930-2030 ME	5850w Saturday (Friday 2000-2030, Sunday 1930-2015)
USA UNIVERSITY	0000-1200 NA	5030 6150 7375 9725 Costa Rica
NETWORK	1200-2400 NA	9725 11870 13750 Costa Rica
GENE	1000-2200 NA	11775 Anguilla
SCOTT	2200-1000 NA	6090 Anguilla
USA VOA	1400-1500 Eu ME	11655 15205
USA VOA	1500-1630 Eu ME	11890 15205
USA VOA	0300-0400 Af	4930 6080 9885 15580
USA VOA	0400-0500 Af	4930 4960 6080 9885 15580
USA VOA	0500-0600 Af	4930 6080 6105 9885 15580
USA VOA	0600-0700 Af	6080 <6105 9885 15580
USA VOA	1400-1600 Af	4930 6080 15580 17715 17895
USA VOA	1600-1700 Af	4930 6080 13795 15580 17715 17895
USA VOA	1700-1800 Af	4930* 6080 13710 15580 *Sat, Sun
USA VOA	1800-1900 Af	4930* 6080 11975 13710 15580 17895 *Sat, Sun 1800-1830 only
USA VOA	1900-2000 Af	4930 4940 6080 11975 13710 15580 17895
USA VOA	2000-2100 Af	4930 4940* 6080 11975 13710 15580 *M-F 2000-2030
USA VOA	2100-2200 Af	6080 15580
USA VOA	2030-2130 Afghanistan	7595
USA VOA	2130-0030 Afghanistan	7405
USA VOA	0100-0200 FE SAs Pa	7200 11705 12005
USA VOA	1200-1300 FE SAs Pa	9645 9760 11705 11730 15190
USA VOA	1300-1400 FE SAs Pa	9645 9760 11705
USA VOA	1400-1500 FE SAs Pa	7125 9695 9760 11885 12150
USA VOA	1500-1600 FE SAs Pa	7125 9645 12150 13735
USA VOA	2200-0000 FE SAs Pa	7120 11725 15185 15290
USA VOA	1730-1800 Zimbabwe	4930 11815 17730 Monday to Friday
USA WBCQ	1800-0000 NA	18910 -0030 Wednesday, -2300 Saturday, Sunday 1400-2200
USA WBCQ	1500-0500 NA	9330 -0430 Sunday, -0400 Saturday, 1400-0500 Wednesday, Friday
USA WBCQ	1900-0530 NA	7415 -0545 Sunday, Saturday 2000-0800
USA WBCQ	2300-1100 NA	5110 Monday to Friday, UT Sunday and Monday 0000-1100
USA WBOH	0000-2400 NA	5920 Spanish and English
USA WEWN	0000-0500 NA Eu	5810
USA WEWN	0500-0800 NA Eu	5850 7570
USA WEWN	0800-1300 NA	5850
USA WEWN	1300-1600 NA	9955
USA WEWN	1600-2000 NA Eu	9450 15785
USA WEWN	2000-2200 NA Eu	9450 17595
USA WEWN	2200-0000 NA Eu	7560 9975
USA WHRI	0000-0100 EuAf NA	5850 7315 7490
USA WHRI	0100-0300 EuAf NA	5850 5860(Tue-Sat) 7315(Sun,Mon) 7490
USA WHRI	0300-0400 EuAf NA	5850 5860(Tue-Sat) 6110 7315(Sun,Mon)
USA WHRI	0400-0500 EuAf NA	5850 5860(Tue-Sat) 7315(Sun,Mon) 7490

USA WHRI	0500-0600 EuAf NA	5860(Tue-Sat) 7315(Sun,Mon) 7490 7555
USA WHRI	0600-0700 EuAf NA	5860 7315 7555
USA WHRI	0700-0900 EuAf NA	5860 7315
USA WHRI	0900-1100 EuAf NA	7315 7520
USA WHRI	1100-1200 EuAf NA	5875 7315
USA WHRI	1200-1300 EuAf NA	7520 9660 15665
USA WHRI	1300-1400 EuAf NA	6095 9495(Mon-Fr) 11785(Sa,Sun) 15665
USA WHRI	1400-1500 EuAf NA	9495(Mon-Fr) 9840 11785(Sa,Sun) 15665
USA WHRI	1500-1600 EuAf NA	9840 11785 15665
USA WHRI	1600-1700 EuAf NA	9840 15285 17650
USA WHRI	1700-1900 EuAf NA	15285 15650 17650
USA WHRI	1900-2000 EuAf NA	13760 15285 17650
USA WHRI	2000-2100 EuAf NA	11765 15285 15665
USA WHRI	2100-2200 EuAf NA	9660 11765 15665
USA WHRI	2200-2300 EuAf NA	7490 9660 15665
USA WHRI	2300-0000 EuAf NA	5850 7315 7490
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
USA WRMI	0500-1300 SAm	9955 Some Spanish programming
USA WRMI	1300-1600 NA	7385
USA WRMI	2200-2300 NA	7385
USA WRMI	2300-0500 NA	7385 Monday to Friday, some Spanish programming
USA WRMI	2300-0500 SAm	9955 Some Spanish programming
USA WTJC	0000-2400 NA	9370
USA WWCR	0000-0100 NA	3215 5070 7465 13845
USA WWCR	0100-0200 NA	3215 5070 5935 7465
USA WWCR	0200-1000 NA	3215 5070 5765 5935
USA WWCR	1000-1100 NA	5070 5765 5935 9985
USA WWCR	1100-1300 NA	5070 5765 5935 15825
USA WWCR	1300-1500 NA	7465 9985 13845 15825
USA WWCR	1500-1900 NA	9985 12160 13845 15825
USA WWCR	1900-2200 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 to 30th November and from 1st March, 7465 is in Spanish 2200-2300 Monday to Friday		
USA WWCR	0000-0200 NA	3215 5070 5935 7465
USA WWCR	0200-1000 NA	3215 5070 5765 5935
USA WWCR	1000-1100 NA	5070 5765 5935 9985
USA WWCR	1100-1300 NA	5070 5765 5935 15825
USA WWCR	1300-1400 NA	5765 5935 9985 15825
USA WWCR	1400-1600 NA	7465 9985 13845 15825
USA WWCR	1600-1900 NA	9985 12160 13845 15825
USA WWCR	1900-2100 NA	9975 12160 13845 15825
USA WWCR	2100-2200 NA	7465 9975 12160 13845
USA WWCR	2200-2300 NA	5070 7465 9985 13845
USA WWCR	2300-0000 NA	3215 5070 9985 13845
This schedule is valid from 1st December to 28th February, 5070 is in Spanish 2200-2300 Monday to Friday		
USA WWRB	0000-0500 NA	3185 5050 5745 6890
USA WWRB	0500-1300 NA	3185
USA WWRB	1300-1500 NA	9385
USA WWRB	1500-1700 NA Af	9385 11915
USA WWRB	1700-2200 NA Eu Af	9385 11915 15250
USA WWRB	2200-2300 NA	6890 9385 11915 15250
USA WWRB	2300-0000 6890	
Schedule subject to daily variations.		
USA WYFR	0000-0100 NA/LA	6085 9505 9715/ 11720
USA WYFR	0100-0200 NA	6065 9505
USA WYFR	0100-0200 As	15195v
USA WYFR	0200-0300 NA/LA	6065 9505 9525 / 5985 11855
USA WYFR	0300-0400 NA/LA	6065 9505/ 9985 11740
USA WYFR	0400-0500 Eu/NA/LA	7780/ 6065 6855 9505 / 9715
USA WYFR	0500-0600 Eu/NA/Af	7520/ 6855/ 9525t
USA WYFR	0600-0700 NA/LA	9860/ 5745 6000
USA WYFR	0600-0700 Eu/Af	7780 11530/ 11580
USA WYFR	0700-0800 NA/LA	6855 7455 9715/ 9495
USA WYFR	0700-0800 Eu/Af	7780/ 9985
USA WYFR	0800-0900 NA/Af	5950 6855 7455/ 9985
USA WYFR	0900-1100 As	9450r

USA WYFR	0900-1000 NA	5950 6855 7455
USA WYFR	1000-1100 NA	5950 6855 6890 7455
USA WYFR	1100-1200 NA/LA	5950 6890 7780/ 6000 11725 11830
USA WYFR	1200-1300 NA/LA	6890 7780 11970/ 11530
USA WYFR	1300-1400 NA	7780 11830 11855 11970
USA WYFR	1300-1500 As	7165r(1400-) 7495 7535r(1400-) 7580r 11560w
USA WYFR	1400-1500 NA	11565 11855 13695 17760
USA WYFR	1500-1600 NA	11565 11855 17760
USA WYFR	1500-1600 As/Af	6280v 12015d/13660w
USA WYFR	1600-1700 NA/LA	11565 11830 13695 17760/ 6085
USA WYFR	1600-1700 As	12010d
USA WYFR	1600-1700 Ew/Af	18980 21455/ 17690
USA WYFR	1700-1800 NA	13695 17555
USA WYFR	1700-1800 Ew/Af	3955u 18980 21455/ 21680i
USA WYFR	1800-1900 Ew/Af	7245u 7345r 18980/ 7395t 13660w 15115
USA WYFR	1800-1900 NA	13695 17535 17555
USA WYFR	1900-2000 Ew/Af	15565 18980/ 3230n 6020t 7395t 15115
USA WYFR	1900-2000 NA/LA	13695 17535 17555/ 6085
USA WYFR	2000-2100 Ew/Af	5745 5810 6855 7300r 7580/ 3230n 6020t 15115 15195i
USA WYFR	2000-2100 NA/LA	17535 17555/ 17575
USA WYFR	2100-2200 NA	17535 17555
USA WYFR	2100-2200 Ew/Af	5745 5810 6855 7300r 7580/ 5955 11875i(2115-) 15195i 15565
USA WYFR	2200-2300 Af	11875i(-2315) 21525
USA WYFR	2200-2300 NA	11740
USA WYFR	2300-0000 NA/LA	11740/ 15170 15400
VATICAN RADIO	0140-0200 As Pa	5915 7335
VATICAN RADIO	0250-0320 NA	7305 9610
VATICAN RADIO	0300-0320 As	12070r
VATICAN RADIO	0300-0330 Af	7360
VATICAN RADIO	0500-0530 Af	7360 9660 11625
VATICAN RADIO	0600-0620 Eu	1530 4005 7250
VATICAN RADIO	0630-0700 Af	7360 9660 11625
VATICAN RADIO	0730-0745 Eu AsPaAf	4005 6185 7250 9645 11740 15595
VATICAN RADIO	1130-1200 Af AsPa	15595 17765
VATICAN RADIO	1530-1600 As Pa	9310 11850 13765
VATICAN RADIO	1715-1730 Eu AsPaAf	4005 7250 9635 9645
VATICAN RADIO	1730-1800 Af	9755 11625 13765
VATICAN RADIO	2000-2030 Af	7365 9755 11625
VATICAN RADIO	2050-2120 Eu	4005 5885 7250
VOICE OF VIETNAM	0100-0130 NA	6175c
VOICE OF VIETNAM	0230-0300 NA	6175c
VOICE OF VIETNAM	0330-0400 NA	6175c
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	1500-1530 SEAs	7285 9840
VOICE OF VIETNAM	1600-1630 Eu SEAs	7220 7280 9550 9730
VOICE OF VIETNAM	1800-1830 Eu	5955 via 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	0500-1500 Af	6065
ZAMBIA CHRISTIAN V	1500-0500 Af	4965

World DX Club

A British Based DX Club



20th Anniversary(!)

Winter SWL Fest

Sponsored by 

March 8-10, 2007

Best Western—The Inn at Towamencin

(formerly Holiday Inn),

Summertown Pike, Kulpsville, Penna.

Expanded to three days to celebrate 20 years! Plan to attend your favorite forums Thursday through Saturday! Enjoy meeting with your friends in the Hospitality Room. Bring radio related items for the swap meet or to donate for the Silent Auction. Check out your friends' receivers, bring one of your own for others to try!

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

Please note, there is an incentive for you to pre-register, as prices are more expensive for those who wait. Registration options are also more flexible than in the past, with new one-day and student registrations. **If you wish to participate in the meals, you must register and inform us that you will be attending by Thursday morning, March 8th.** If you choose not to participate in the meals, the hotel has a restaurant, and there are other restaurants nearby.

Your registration must be received by February 28, 2007 for the best prices; registrations received after that date are priced higher. See the registration form below.

Many things, like the raffle, remain the same:

GRAND PRIZE To be announced

SPECIAL Register early to win a sw portable! One free entry for an early-bird registration received by February 16, 2007.

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

Checks should be made payable to WINTER SWL FEST. Register directly with the hotel for your rooms by calling the Best Western at (215) 368-3800. For 2007, one special rate \$75 single or double! Tell the hotel staff you're with the WINTER SWL FEST to receive this special room rate. *You must make your reservation directly with the hotel to receive this rate; reservations via the Best Western 800 number or web site are not eligible for this rate.* Up to the minute info. can be found on the WINTER SWL FEST Web Page at <http://www.swlfest.com/> or from <http://www.naswa.net/>.

The Best Western—The Inn at Towamencin is located at Exit 31 of the PA Turnpike Northeast Extension-Lansdale Interchange. Improved access from the south with the Blue Route (I-476)—ask for details. Limo service is available from Phila. Intl Airport directly to the hotel.

Please submit the following form with your registration amount or send for more information to:

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

NAME: _____ (SPOUSE'S NAME) _____

ADDRESS: _____

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

CHECK ONE OR MORE

REGISTRATION RECEIVED BY
FEBRUARY 28, 2007:

- Full (\$52)
- Three-Day Partial (\$22)
- Two-Day Partial (\$17)
- One-Day Partial (\$9)
- Lunch-only Saturday (\$23)
- Spouse Lunch-only Sat (\$13)
- Full Spouse / etc. (\$37)
- Banquet only (Spouse) (\$19)
- Student (\$5)

LATE OR ON-SITE REG. RECEIVED
AFTER FEBRUARY 28, 2007:

- Full (\$60)
- Three-Day Partial (\$25)
- Two-Day Partial (\$20)
- One-Day Partial (\$10)
- One-Day Partial w/Lunch (\$25)
- Full Spouse/son/daughter (\$45)
- Banquet only (Spouse) (\$25)
- Spouse etc. Lunch-only (\$15)
- Student (\$5)

BANQUET:

- Roast Beef
- Chicken

RAFFLE TICKETS:

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

Registration is not transferrable; cancellations after February 28, 2007 cannot be refunded, however we will refund raffle ticket money if you have to cancel.

Company Store

Mike Wolfson KB8TYT • 1842 Mifflin Ave. • Ashland, OH 44805 • mwolfson@bright.net

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

Publications

Shortwave Listening Guidebook by Harry Helms. A beginners guide to shortwave listening covering equipment and more.	\$19.95 +4.00 s/h US +8.00 s/h Can.
Joe Carr's Receiving Antenna Handbook A guide to high performance receiving antennas from longwave to HF and VHF.	\$19.95 +4.00 s/h US +8.00 s/h Can.
Joe Carr's Loop Antenna Handbook Comprehensive but readable guide to understanding and building loop antennas.	\$16.50 +4.00 s/h US +8.00 s/h Can.
Radio Monitoring: the How-to Guide by Skip Arey. Guide for new listeners to MW, HF, VHF and above.	17.95 +4.00 s/h US +8.00 s/h Can.
Passport to Worldband Radio 2006 Great source of information about shortwave stations, frequencies in use and schedules.	\$20.95 +4.00 s/h US +8.00 s/h Can.
World Radio and TV Handbook 2006 Long considered to be the bible for shortwave listeners.	\$27.95 +4.00 s/h US +8.00 s/h Can.
Fine Tuning's Proceedings Reprint Catalogs Complete list of articles from this hobby classic published between 1988 and 1995. Choose from 1) 5 page abridged version with article titles or 2) 20 page deluxe version with article abstracts.	1) \$2.00 ppd 2) \$5.00 ppd
1947-1958 WRTH CD High quality CD compilation of the 1947 to 1958 editions of the World Radio and TV Handbook.	\$60.00 ppd
NASWA Country List and Awards Program Booklet	\$3.00 PP US \$5.50 elsewhere
NASWA T-Shirts Return of a favorite in NASWA blue with the club logo.	\$14.00 S-XL 16.00 XXL +4.00 s/h US +8.00 s/h Can.
NASWA Sweatshirts Return of a favorite in NASWA blue with the club logo.	\$22.00 S-XL 24.00 XXL +8.00 s/h US +16.00 s/h Can.
NASWA Coffee Mugs 11 oz. white mug with the club logo on two sides. Return of a favorite with the club logo in NASWA blue.	\$5.50 +5.50 s/h US +11.00 s/h Can.
NASWA Ball Caps NASWA blue ball cap with velcro closure and NASWA logo embroidered on the front	\$12.00 \$3.00 s/h US \$6.00 s/h Can.

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



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Publisher / Business Manager: Bill Oliver, 45
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Executive Council: Jerry Berg, Ralph Brandi, Dr.
Harold Cones, Richard Cuff, Rich D'Angelo,
Fred Kohlbrenner, Bill Oliver

EDITORIAL STAFF

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

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

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

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Pirate Radio Report: Chris Lobdell, P.O. Box 146,
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QSL Report: Sam Barto, 78 Blakeman Rd.,
Thomaston, CT 06787

Scoreboard: Gary R. Neal, 4866 N. Wyndham Rd.,
Wichita, KS 67219-5501

Kim's Column: Dr. Kim Andrew Elliott, 5001 25th
Street North, Arlington, VA 22207

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

Tropical Band Loggings: Dan Ferguson, 4205
Friendfield Trace, Little River, SC 29566

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

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

The Company Store: Mike Wolfson KB8TYT, 1842
Mifflin Ave., Ashland, OH 44805

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

