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15 November 2008



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NASA Notes

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

The 22nd Annual Winter SWL Festival is now history. Co-Festmeisters **Rich Cuff** and **John Figliozzi** and an assorted array of volunteers put on another great show in Kulpsville. Reports should begin appearing this month and hopefully over the next few months as members share their experiences. Of course, now is a good time to begin thinking about attending next year's Winter SWL Festival scheduled for 5 and 6 March 2010 at the Best Western—The Inn at Towamencin. Attendance was roughly 155, maybe 5 down from last year. Not bad considering the current state of the economy and the listening doldrums of many due to low sunspot activity. **Victor Goonetilleke** was our banquet speaker; he did a great job talking about his background, how he got started listening, and what he thinks of shortwave to South Asia today. The raffle was very well supported this year; we gave away a slightly-used Drake R-8B and a Perseus SDR. People really supported the Fest by buying large amounts of raffle tickets. In my absence Saturday evening, NASWA Executive Council member **Alan Johnson** announced at the banquet that **Ron Howard** was selected by the club's Executive Council to be the recipient of the William P. Eddings Award as the club's 2009 member of the year. Congratulations Ron! Thanks to Rich, John and our volunteers for another great show. Watch the pages of the *Journal* for reports, musings and other comments about the Winter SWL Festival. If you attended, please consider sharing your experiences—good and bad—with others.

Congratulations to **Wally Treibel** on his 25th anniversary as a log report editor. See this month's *25 Years Ago* feature. Long serving editors such as Wally add a lot of stability to the club's operations. Thanks to all our editors who get the job done month after month after month. It is a great group of

people that I get to work with that makes this fun.

The 400th edition of the Ontario DX Association (ODXA) bulletin, *Listening In*, was published in March. The first edition of the club's bulletin, which was known as *DX Ontario* when things began, was published back in February 1975. Congrats to **Harold Sellers** and the entire ODXA gang on this great accomplishment.

Mike Barraclough and **Bob Padula** reported the recent passing of **Dick Speekman** on our Yahoo Group in March. Dick Speekman was a former host of *DX Jukebox* on Radio Nederland in the 1970s, and of Radio Australia's program *Spectrum* in the 1980s. He passed away peacefully on 11 March 2009 in the Hawker Hospital, South Australia. He had been suffering from colon cancer. Bob had worked closely with him in the production of the *Spectrum* program. In his later years, Dick was involved with community radio in South Australia.

For better or worse, it looks like India is moving toward implementation of Digital Radio Mondiale (DRM). After extensive trials in 2007, All India Radio (AIR) has decided that DRM is the best technology for converting its vast public service broadcasting network to digital. After conducting trials over a one and a half year period, AIR has started regular DRM transmissions from a 250 kW shortwave transmitter installed near New Delhi in January. AIR is also in the process of converting 4 shortwave transmitters (250 kW) to DRM mode in early 2009. There are plans to introduce DRM transmissions in 42 new medium wave, 36 existing medium wave and 5 new shortwave transmitters. However, the cost and availability of good receivers remains the main issue in their implementation strategy for the next five years.

Our Motto: Unity & Friendship

Don't forget about the availability of Radio Free Asia's (RFA) latest QSL card recognizing The Year of the Ox. **A. J. Janitschek** tells us that this is the third in its Chinese Lunar New Year series. According to the Chinese astrology calendar, 2009 is the Year of the Ox. People born in ox years are considered kind and caring, logical, positive, have a great deal of common sense and with their feet firmly planted on the ground. The card will be used to confirm all valid reception reports through April 30, 2009. RFA encourages listeners to submit reception reports and confirms all accurate reception reports by mailing a QSL card to the listener. RFA welcomes all reception report submissions at www.techweb.rfa.org (follow the QSL REPORTS link). Reception reports are also accepted by emails to qsl@rfa.org, and for anyone without Internet access, reception reports can be mailed to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036, USA. Upon request, RFA will also send a copy of the current broadcast schedule and a station sticker.

Bill Hill recently noted that as of March 29, all SWBC stations were required to leave the 7,100 to 7,200 kHz range in the 41 meter band, which will then be 100% reserved for amateur radio use. Will all SWBC stations leave this range or will some stay behind? As Bob noted, "It will be interesting to see how many stations continue to operate there in defiance, or ignorance, of the new allocation."

Bob Padula's Australian Shortwave Guide (ASWG), Edition No. 23 for the A09 Season is now available. It is commercially printed and produced in conjunction with the Australian Electronic DX Press Radio Monitoring Association. The ASWG Edition No. 23 is a no-frills reference, covering the five-month international shortwave transmission period commencing March 29 2009, and concluding on October 26 2009, known as the "A09 International Transmission Season." With several hundred entries, it provides comprehensive information of shortwave broadcasting schedules for transmissions intended for Australia, New Zealand and the Pacific Islands, for broadcasts in all

languages. The complete schedules for Radio Australia and CVC-Australia are also included. The ASWG has been around for 27 years, and was first published in 1982 as a supplement to an early Australian commercial electronics magazine. When that magazine ceased operations in 1992, ASWG became an independent self-funded project and is now published twice a year. Ordering from outside Australia: US\$10.00 / 10 Euro / 6 British Pounds / A\$10 - cash, five international reply coupons, Australian mint stamps to the value of A\$10, international bank transfer, international bank draft, PayPal (bobpadula@mydesk.net.au). Orders and payments should be sent to: Robert J. Padula, 404 Mont Albert Road, Mont Albert, Victoria 3127, Australia. By the way, Bob recently noted that he has now completed 45 years of continuous involvement with writing, hosting and broadcasting DX programs over domestic and international stations. 45 years! Bob continues to be active with his monthly Australian DX Report segment over HCJB, WHRI and AWR Asia and a weekly report over WWCR in addition to all his work with the Electronic DX Press.

Although the World Radio Television Handbook (WRTH) was late in arriving in North America this year, the editorial team was quick in releasing its first updated file for the Winter (B08) International radio schedules. It has been available for download from: <http://www.wrth.com>. The file is a PDF file and will require the free adobe acrobat reader, available from <http://www.adobe.com>. The file is 8 pages long and is approx 51kB in size. Included in this file are updates for: Albania, Algeria, Armenia, Australia, Austria, Benin, Croatia, Ecuador, France, Gabon, Germany, Guam, India, Iran, Italy, Korea (Rep), Kuwait, Latvia, Lithuania, Malaysia, Philippines, Poland Portugal, Romania, Russia, Taiwan, Turkey, Ukraine, UK, USA, Vatican, Venezuela, Vietnam, Zambia and more. **Sean Gilbert**, International Editor—WRTH and the WRTH editorial team is hoping that listeners find this a useful accompaniment to the printed WRTH.


Mike Rohde invites all to our Columbus NASWA Chapter meeting (see the *Calendar of Events* for contact information and future

meeting dates and times) on April 11th when Pirate DXpert **George Zeller** will be doing a presentation on pirate radio at the group's gathering at Universal Radio. Nobody presents quite like George so catch him if you can. Contact Mike and let him know if you are planning to attend.


Radio Romania International is issuing a series of QSL cards on vintage receivers for the year 2009. The March QSL card was a Radio Popular Galena, Romania, 1949. Galena crystal receivers were widely used in the early 1950's mainly in the countryside. This reception system has two advantages: sound quality and no electric power consumption. The galena receiver is powered by the electromagnetic waves received by the antenna. The "Radio Popular" Galena started being produced in 1950 by the Radio Popular receiver factory and it covered

a wave length ranging from 200 to 2000 meters. It is similar to the Soviet model Komsomolet. By the way, Radio Romania International's English Service announced that, as of 29 March, it started broadcasting programs to Central Africa.

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

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


FRENDX: Twenty-Five Years Ago (April 1984)

The cover by John Herkimer featured past and present headings and logos used by ANARC to celebrate its 20th anniversary (1964-1984). In Headquarters Report Bill Oliver noted the new editor for Log Report "D" was Wallace C. Treibel of Seattle, WA (25 years later Wally is still at it!). Helping Hand ads featured Tom Gavaras selling his Hammarlund HQ-180, George Sherman selling his HQ-140X, and Bill Krause of the ANARC Computer Information Committee selling IRCs for \$0.65 each. In the Shortwave Center, Editor John Herkimer provided a progress report on his shack renovations. Information about Radio Database International by Larry Magne and the Tropical Band Survey was covered. Bill Cole wrote "NASWA Log Report ... A Computer Program" which was a computer program for the Commodore-64. A Meet Your Neighbor newspaper article in the Hillsdale Daily News featured Marlin Field, including his picture, describing Marlin's listening hobby. James Herkimer's Technical Topics column featured the Icom IC-R71A communications receiver with input from Frank Decker in Syracuse and Sam Dellit in Australia. Michael Bolitho provided "A Few Tips on DXpeditions." In Pappas on Programming, editor Nick Pappas continued his survey of motives behind shortwave broadcasting. Terry Ward of Cedar Falls, IA stepped in as replacement editor for Listeners Notebook on short notice. Sam Barto's QSL Report column featured 119 countries reported with excellent QSLs from Bhutan, Rio Muni, Bali, Comoros, Honduras, Ecuador, Peru, Scotland, Uruguay, and Zanzibar. Sam indicated a very special column would be appearing in Frendx next month. In Log Report "A", Editor Mike Nikolich noted Karl Forth's report of Chad's return on 4,904 kHz at 0430 UTC sign on. Also, Venezuela's Capital Radio returned to 4,850 kHz. In Log Reporters, Nick Pappas thanked 48 members for their contributions. Among the reporters that month was: Brian Alexander, Charles Bolland, Ralph Brandi, Richard D'Angelo, Marlin A. Field, Karl Forth, Rufus Jordan, Sheryl Paskiewicz, Roland Shulze, Dave Valko, and Richard E. Wood. 

Calendar Of Events

- Apr 10 Meeting. Boston Area NASWA Chapter.** The Boston Area DXers have found a new location for meetings. Inquiries about the BADXers may be sent to Paul Graveline at 978-470-1971 or Internet: ctreditor@aol.com. The URL for the BADX guys is <http://www.naswa.net/badx/>
- Apr 11 Meeting. The Columbus, Ohio NASWA Chapter** will be meeting at Universal Radio in Reynoldsburg at 10:00 AM. Further information is available from Mike Rohde at 614-527-1398 or via e-mail at merohde@columbus.rr.com. The purpose will be to gather other SWL/ DX listening enthusiasts together for informative discussions and sharing of knowledge and information about the hobby.
- Apr 11 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meets at the Lebanon Citizens' National Bank (LCNB), 425 West Central Avenue (Ohio 73), Springboro, Ohio at 7:00 PM. For more information contact Mark Meece at 937-743-8089 or e-mail at [<antennapig@siscom.net>](mailto:antennapig@siscom.net). For additional information about MONIX, check out their web site at [<http://www.siscom.net/~mmeece/monix.html>](http://www.siscom.net/~mmeece/monix.html)
- Apr 18 Meeting. Reading International Radio Group** will hold its next meeting on Saturday October 4 at 2:30 PM in Room 3, Reading International Solidarity Centre, 35-39 London Street, Reading. All are welcome, for further details email Mike Barraclough mikewb@dircon.co.uk or phone 01462 643899.
- Apr 20 Meeting. Tar Heel Scanner/Shortwave Listening Group.** Red, Hot and Blue restaurant, 6615 Falls of the Neuse Rd., Raleigh, NC. Dinner @ 6:30PM, meeting @ 7:30PM. Meetings the 3rd Monday of each month. Info, Curt Phillips, 919-773-4522, [<mailto:curt@nerdster.net>](mailto:curt@nerdster.net) curt@nerdster.net.
- Apr 24 Meeting. The Reading Area DXers** will hold another meeting at The Flying Dog in majestic Earlville, PA (Route 562 and Airport Road). Members gather around 5:30 PM near the bar area before heading into the restaurant for dinner and further discussions. Contact Rich D'Angelo (2216 Burkey Drive, Wyomissing, PA 19610; 610-678-0937; rdangelo3@aol.com) for further information about future meetings.
- May'09 Annual Meeting. The 2009 National Association of Shortwave Broadcasters and US DRM Group** will be held in Nashville, TN 7 and 8 May 2009. It will be co-hosted by World Christian Broadcasting and WWCR. Additional information will be available at a later date.
- May'09 Annual General Meeting (AGM) and DX Camp. The Danish Shortwave Club International** will hold its AGM and DX Camp from May 11th through May 17th at Vardeborg, Vejers Beach, Denmark. For further information contact Bent Nielsen (bent.elin@webnetmail.dk), Egekrogen 14, DK-3500 Vaerloese, Denmark. More information will be available later on.
- Jul'09 Conference. The 15th National and International Meeting of DXers and Shortwave Listeners** will be held in Cuernavaca City, Morelos, Mexico from 31 July through 2 August 2009. This is the annual gathering in Mexico of radio enthusiasts hosted by Magdiel Cruz Rodríguez, Organizer [<mcruz_dx@yahoo.com.mx>](mailto:mcruz_dx@yahoo.com.mx). Further information is available at <http://www.gratisweb.com/dxmexico/cuernavaca2009.htm> or <http://www.gratisweb.com/dxmexico/english.htm>. Complete travel details are available at <http://www.gratisweb.com/dxmexico/location.htm>.
- Aug '09 Conference.** The National Association of Shortwave Broadcasters will host the **HFCC/ASBU B09 frequency planning conference** from 24-28 August 2009 in Puna Cana, Dominican Republic.

- Aug '09** *Convention.* **The European DX Council** will hold its annual conference from 28 through 30 August 2009 in Dublin, Ireland. It will be hosted by the Irish DX Club. See this month's NASWA Notes column for up to the minute information.
- Sep '09** *Convention.* **The International Radio Club of America** will hold its 2009 convention from 17 through 19 September 2009 at the Days Inn, 2120 Menaul Blvd. NE, Albuquerque, NM 87107 (Near I-40 and Hwy 25). Guest room rates are \$44.95 for one person or \$54.95 for two people. Phone number for reservations is 505-884-0250. Registration fee is \$25.00 (not including the banquet) payable to Mike Sanburn, P. O. Box 1256, Bellflower, CA 90707-1256. His e-mail address is mikesanburn@hotmail.com.
- Mar'10** *Convention.* The **23rd Annual Winter SWL Festival**, sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 5 and 6 March 2010. 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!
- May'10** *Annual Meeting.* The **2010 National Association of Shortwave Broadcasters and US DRM Group** will be held in Hamilton, Ontario on 13 and 14 May 2010. It will be hosted by Galcom International. Additional information will be available at a later date.

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). 

NASWA Flashsheet

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

NASWA Yahoo Group

Join moderator **Dan Ferguson**, the club's Yahoo Group, and other club members to discuss reception of shortwave radio broadcasts, program content, propagation, reception conditions, loggings, hot news and information as well as radio equipment and accessories and any topics related to shortwave radio in general. Please keep in mind that loggings, QSL news, schedule changes should also be reported to the appropriate column editor of the *Journal* for publication. This forum is a supplement to, not a replacement of, *The Journal*. Subscribe by going to <http://groups.yahoo.com/group/NASWA/>.

Musings

Ron Howard <ron888howard@gmail.com>, Asilomar Beach, CA

Thanks and appreciation to the NASWA Executive Council for selecting me for the William P. Eddings Award as NASWA's 2009 member of the year. It was back in early 1971 that I first joined the club and have certainly enjoyed my membership ever since. It's been a pleasure to have had the privilege of interacting with many of our members. With my recent retirement, I find I can put in even more time listening to my favorite stations from Asia and hope to continue to pass along many more postings, with my logs and observations.

Thank you again for the honor of receiving this award!

Scott R. Barbour Jr. Intervale, N.H. USA

When I've had time this week, I've been hearing, what I presume to be, several Chinese regional stations, during the 2300-0030 time frame. I say presumed due to poor copy, usually lasting only minutes at a time, under strong QRN. This leads me to believe that my 4980-unid from Feb 21, is probably Xijiang PBS.

Toshi Ohtake <ohtaket@yahoo.co.jp>, P. O. Box 44, Kamakura 248-8691, Japan

The first topic is about Radio St. Helena informed by Mr. Kipp of Germany. According to Mr. Gary Walters, Station Manager of Radio St. Helena, the station has received mail from 24 countries for the 2008 St. Helena Day broadcast aired on November 15 last year. The mail received by February 4 had come from the following countries: The top is Japan 124 mail, almost half of the total mail. The second is USA 35, then Germany 33, UK 15, Italy 12, Spain 9, Sweden 7, Brazil 4, Austria 3, France 2, Belgium 2, Greece 2, Mexico 2, India 2. One each from the following countries: Ukraine, Finland, Luxembourg, Czech Republic, Denmark, Indonesia (Bali), Canary Islands, Portugal, New Zealand and South Korea. The new QSL is printed in Europe and is to be shipped to St. Helena. The station will issue the cards hopefully in July.

The second topic is the noise problem of PLC (Power Line Communication) equipment in Japan. As reported last month, the first assessment committee was held on 23rd of January, and the Government position seemed to reject our complaint because of our unqualification status as the SW listeners were not legally protected in Japan. The second assessment committee is scheduled on 18th of March, so we are preparing clarification document. So far we have filed three complain documents against 17 certified types of PLC equipment claiming cancellation of these certification because of high noise level on SW bands from these equipment.

This is all for this month. Wishing you FB DXing! Toshi Ohtake, Japan Short Wave Club

Brandon Jordan <bcdx.org@gmail.com>

I am working on putting together my applications for NASWA awards, the first time since I started DXing and joined NASWA in 1976. I have been cataloging my QSL collection and have noted that I have lost a few valuable QSL cards that I collected over the years. I cannot find my VOA Ryukyu Island QSL card or my Radio Laos QSL letter. The later was on some of the thinnest rice paper I have ever seen, perhaps it evaporated over the years, hi! Also, it appears all of my foreign medium-wave letters and most of the cards have disappeared.

I am sitting on 145 countries verified and was planning on waiting until I hit 150 countries before submitting award applications. But since the reply rate for QSL requests is so bad these days, it could take another year to get 5 more countries verified, so no more procrastinating and I am sending in a batch of applications this weekend.

Although regretting I did not QSL many more of the stations that I heard in the past that are now long gone, I am still thankful for what I did get. It is sad that the award program is only realistic for veteran DXers these days, a new DXer would not have a chance at most of the awards and perhaps not a single one of the Continental Awards! Here is where I stand on them:

Africa: 29 verified. I don't think it will be possible for me to verify 11 more countries from what is currently active, but I could perhaps get close.

Antarctica: 0. Need to send another follow-up.

Asian: 35 verified. Enough for the first award, need 15 more for the DXpert. Not sure if there are enough active countries left.

European: 38 verified. More than enough for the Master award.

North America: 19 verified. Exactly enough for the DXpert award.

South America: 12 verified. Need one more for the DXpert award. Working on Suriname with a relatively fresh report now and still trying with Paraguay with a log from 2006.

Now a question on the All Germany DXer. This is a question for the Awards Committee, but thought I would try here first. The award requires verification of 10 different shortwave broadcast stations in Germany. Does QSLing say DW on various transmitter sites each count as a broadcast station? Or would DW count as one, VOA relays count as one, etc?

My tally consists of 8 which includes 5 of the old German regionals such as Bayerischer Rundfunk in Munich, Sender Fries Berlin in Bremen, RIAS Deutschland Radio in Berlin, etc. I have VOA Munich and VOA Wertachtal counted as 1 each for a total of 7. Finally RBI, no telling what transmitter site there, from 1977 that I count as 1 more for a total of 8.

Can anyone enlighten me on this award and what to count?

Sheryl Paszkiewicz <paszkiewiczsheryl@yahoo.com>, Manitowoc WI

Yes, you can count each VOA site and DW site. I don't think there is any overlap there (they don't both use Nauen for instance). Boy, how frustrating not to find the QSLs. That happened to me when I moved once. Then one day I opened up a box of photos, and there were 5 MW QSLs including WTOP Washington DC. Sounds like you have a good start on awards!

Phil Stremple <phil_stremple@agilent.com>, Folsom CA

Here are this week's reports. I'm still playing with the loop in the backyard and doing comparisons. It's a lot quieter than the sloper, especially below 5000 kHz.

Some good fun this week as the Colombia and Mali stations were firsts for me as was the Myanmar station on Ron Howard's lead. I exchanged e-mails with Marfil Estereo in Colombia and sent a verification letter so keep your fingers crossed.

Larry Colton <lcolton1@verizon.net>

I have a Drake R-8B and Alpha Delta Sloper antenna and I was wondering if any members could help me with a question. I have noticed I have quite a bit of noise (continuous static like), particularly on the tropical bands which makes hearing anything difficult. My question: I do not have the antenna grounded, although a wire leads down presumably for that purpose, nor do I have the receiver ground utilized, although again a nut on

the back of the receiver appears to be for that purpose. Would it help to drive an 8 foot copper rod in the ground and attach the antenna ground to it-it is about 20 feet from the house? Also, would it help to attach a ground wire from the rx to that same rod? Or would it make no difference at all? I don't recall this static being a problem before, and it does not change in consistency at different times of the day. Do you have any ideas? Thanks for the help and sorry for the long explanation.

Ron Howard <ron888howard@gmail.com>, Asilomar Beach, CA

CLANDESTINE - Shiokaze. On March 1, I sent an email to COMJAN, along with an audio file of a recent reception on 5985. My recording contained Myanmar Radio interference in the background. I explained to them that Myanmar Radio had been on that frequency for many years and was a government operated station. Mr. MURAO had recently indicated to me that "There are a lot of illegal radio stations in Myanmar", which sounded as if he thought the interference on 5985 was coming from an illegal operation, so I set the record straight. On March 2, I received this response from COMJAM: "Thank you for your report on our SHIOKAZE. We feel easy there is no jamming from North Korea. Then, our director Mr. MURAO has the plan to research the situation of reception near the border of DMZ in South Korea next week. And he will get together with the escapee from North Korea who stays in Japan. I think it is very informative for us to manage the short wave radio to North Korea. Sincerely yours, Sadaki MANABE". Would be interesting to know if he is told if there is any interference from Myanmar that is actually heard near the DMZ or in any other parts of Korea.

Richard W. Parker KB2DMD, 1205 Sleepy Hollow Road, Pennsburg, PA 18073

Often, one must decide whether to fish or cut bait. Where "fish" equals DXing and "cut bait" equals equipment maintenance, I was finally forced to perform the latter to enhance the former. Yet another intermittent connection was found in my rat's nest of 20-year old coaxial patch cables, and that was the last straw. I decided to replace them all. A bagful of PL-259's, UG-175 reducers, BNC's and RCA Phono plugs was ordered, and new cables were cut to the proper lengths.

Since my BIG soldering gun gave up the ghost some years ago, and my 140-watt Weller gun just isn't up to the task, I decided to solder the shield braid to the PL-259's with a small tip on the oxy-acetylene rig. Heat sinking was provided by two pairs of vise grips, and this method worked so well that I'll never use a soldering gun for this job again. The connections are bulletproof, and these new pigtails are a noticeable improvement. Received signal strengths have increased by as much as 10dB!

But the big news at KB2DMD is a small radio. In a most gracious expression of "Unity and Friendship", our leader, the benevolent Mr. Rich D'Angelo, has entrusted me the stewardship of his Lowe HF-150 communications receiver! This is really a dream come true for me, as I has always yearned to own one of these sets. Back when they were on the market, circumstances prevented me from acquiring one and, by the time my situation had improved, the radio had been discontinued.

The reviews of the day intrigued me—how could so much receiver be stuffed into a package the size of a red brick? Even David Letterman owns one of these radios, and that man could afford to buy the latest HF receiver manufactured by Daimler-Benz Aerospace.

Well, the HF-150 has been on constant use here for over a month now, and I've found its performance to be astonishing in every regard. Its sensitivity and selectivity compare favorably with my very best vacuum tube brutes, to the extent that I've been able to give those receivers a well deserved rest. Even the major gripe of the HF-150's reviewers ("overloading", due to its unfiltered broadband front end), is easily rectified with an out-

board preselector. Used with a "big Speaker", its audio quality is absolutely phenomenal—listening to Sunday's "Big band Bounce" on 1370 WPAZ would have you believe that the Artie Shaw or Glenn Miller orchestras were performing in our living room!

Thanks again, Rich. The HF-150 occupies a place in my shack, and I can't remember the last time I've been so excited about a piece of gear.

Oh, and before I forget: hats off to Dexter Ball for his Musing in the February Journal. Brother Stair's ubiquity on short wave certainly seems to annoy some people, but the five points that Mr. Ball mentioned in his missive are not only valid, but extremely important.

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

HCJB's Global Technical Center in Elkhart, Indiana has just received 8,000 fixed-tuned, solar powered shortwave radios to be distributed to potential listeners worldwide. They were manufactured in China. (From HCJB's "Truth")

The last tall international transmitter at the Pifo site in Ecuador was moved on Christmas Eve. The tall towers were moved because they would have obstructed the flight pattern of the future international airport. There are still fourteen shorter towers left. They don't have to be moved. They are used to broadcast sixty hours a day to targets in the Americas, such use being scheduled to end in 2010 when local stations will broadcast many of the shortwave programs. The above is based on information just received from HCJB's Voice & Hands.

Jim Evans <evans.j.w@att.net>, Germantown, TN

In the February edition of the Journal, Don Jensen and Jim Ronda contributed a short article titled "The E5 Challenge". They had embarked on a project to determine if 100 countries could be logged using a basic portable receiver and its whip antenna. Both owned an Eton E5, hence the title of the project. Others were invited to take up the challenge.

While I don't own an E5, I do have a similar receiver, a Sony ICF-SW7600G. It's in the same category (Compact Portables) as the E5 in Passport and sells for around \$150. I have used the 7600 sparingly for about 10 years, but always with the Sony AN-LP1 portable loop antenna. Although I questioned its performance using only the whip, I decided to take up the "E5 Challenge".

I am pleased (and a bit surprised) to report that I have now logged 104 countries. My top five logs are 4319 BIOT/Diego Garcia, 4976 Uganda, 4828 Zimbabwe, 4780 Djibouti, and 3905 PNG-New Ireland. The total was helped by some good PNG/Asian openings, and by the fact that I am retired and can listen, for the most part, at odd hours of the day and night.

The performance of the whip antenna deserves comment. While it remains the limiting factor in terms of the absolute number of countries that can be logged, it also provides an advantage in some circumstances. I found that it gave me the mobility needed to avoid locally (in and near the house) generated noise and enabled me to wander about the second floor with the 7600 and earphones in search of the best spot to hear a signal. The family didn't think this odd, as they have become accustomed to such behavior.

I believe than I've reached the practical maximum number of countries for the 7600 given the time of year, sunspot count, and available targets. I'm declaring the project a success and most definitely recommend that others try "basic radio and whip" DXing. Thanks, again, to Don and Jim for this great idea.

Stephen J. Price <vinyltocdr@msn.com>, Johnstown, PA

Last night, 03-19-09 UTC, Radio Madagasikara abruptly came on around 0330 with what sounded like what one would believe to be a political leader speaking to a Cheering crowd. This type of programming went on until I fell asleep face down on the desk at 0345. The signal was on and off about twice a minute at times. This was sunrise in MGD and the day before (MGD time) Ravalomanana stepped down as president. It was very exciting to actually sit at your desk and hear FRIST HAND as major political situation unfolds in an exotic country on the other side of the world as a radio signal squeaks in ON YOUR RADIO. THIS IS WHAT SHORTWAVE IS ALL ABOUT FOLKS!!!

Mark Coady <mark.coady@sympatico.ca>, 1038 Ward Street, Bridgenorth, ON K0L 1H0, Canada
After 30 plus years in the hobby and close to that with the Ontario DX Association, I have finally joined another club - NASWA. I got my first issue—March—and am impressed with it. Nicely done.

I live in a small community about 60 miles northeast of Toronto with my wife, Susan, three cats and an idiot and moron—a beagle/Jack Russell mix which is sort of like having a hunting dog that doesn't know it's supposed to stop. I work for Bell Canada in Oshawa and will be retiring next year which will give me more time for my two favourite hobbies—DXing and astronomy.

I currently use a Kenwood R-2000, Drake SPR-4, and Panasonic RF-2200 with a 70 foot inverted L and a loop made out of mini-slinky toys.

I look forward to many years as a NASWA member.

Mark—Editor, Your Reports/Listening In Magazine, Co-Moderator, ODXA Yahoogroup

Giovanni Serra <dxer_gserra@fastwebnet.it> Roma, Italy
Ciao from Roma (March 22nd 2009—sunny and cold weather)

It's spring time, but since March 20th weather is cold, windy and dry here in Rome; instead bad weather elsewhere in Italy. Some days before the equinox, weather in my QTH was clear / variable with almost warm temperature under the Sun.

Maybe I am lucky, but since last December, I started FM Radio listening at my office too. With my small Grundig Yacht Boy 10 (AM-FM & SW analogical tuning), the morning I can hear the funny talk shows and music programs of Radio Monte Carlo on 106.30 MHz. Instead, during the afternoon, usually I hear "Lo Zoo di 105" talk show of Radio 105 on 96.5 MHz. That's a good idea, as time seems to pass faster, especially when doing a boring and repetitive job. Sometimes, I tried to listen something on short-waves bands, but nothing of interesting: no idea concerning tuned Radios and frequencies, but only some Arabic and Middle East chants, and talking in some unidentified languages.

As the Sun is still "sleeping", during the second and the third week in March, conditions on Tropical band of 60mt changed every night. Some nights, I listened usual LA Radios (R. Clube do Para, R. Dif. De Macapa & R. Brasil Central) with nice audio or barely audible; instead, other nights with no signal or fading out during the morning grayline before sunrise here in Rome, as the strong R. Rebelde (March 22nd, just noted a weak signal only on 5025 before sunrise! Few hours before, it was on air with usual fair audio). The most usual LA Radios were R. Rebelde and R. Clube do Para. No good conditions for African Radios in March 21st evening, but resumed UBC Radio in March 22nd early morning before sunrise. Voice of America on 4960 kHz increased its signal and audio during greyline in Sao Tome. Also caught VOA from Africa relays on other tropical

frequencies during evening. Nighttime conditions from East and Far East seemed to be still fair. March 18, reappeared Australia on the 120 meters band.

Thanks to Rich D'Angelo's news on Journal (just received March issue 3 / 20), March 22nd morning , I caught R. Dabanga via Germany on 7315 (after Radio France Int. with its French program in // 5925) and Madagascar on 13800 kHz, both in //: listened the Talata Volonondry relay with few seconds of delay from Wertachtal transmitter (please, see loggings of mine on the appropriate columns). And here my last tip: March 17, from 0500 UT, the authoritative BBC WS on 5875 kHz (Rampisham transmitter - UK), noted, for the first time, shifting frequently up and down on 5874.98 & 5874.99 kHz.

That's all for now. Till the next.

Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610
The 22nd annual Winter SWL Festival is now history. Due to a family conflict (I was assisting my daughter move into a new house), I was only able to attend Friday's session which was excellent. A full program of interesting forums appeared on Friday's schedule and I was able to meet and greet many members by the club table and in the halls between sessions. Thanks to Rich Cuff, John Figliozzi and all the many volunteers who assist them in making the FEST happen.

In my absence Saturday evening, NASWA Executive Council member Alan Johnson announced at the banquet that Ron Howard was selected by the club's Executive Council to be the recipient of the William P. Eddings Award as the club's 2009 member of the year.

As many of you know, Ron is a regular contributor to the club's Flashsheet, Yahoo Group and the Journal. Attacking the bands from his location at Asilomar Beach, CA, Ron provides excellent reports of DX emanating from the Asian and Pacific region as well as from other parts of the DX globe.

Congratulations Ron!

Here is a rundown of this month's QSL returns. First, Adventist World Radio via Moosbrunn verified with a full data card with a Moosbrunn sticker from v/s Adrian M. Peterson, DX Editor. CHU verified new 7,850 kHz with a full data card for a report sent to Raymond.pelletier@nrc-cnrc.gc.ca. North Korea Clandestine Free North Korea Radio via Gavar, Armenia verified an electronic report to Mini6915@hanmail.net with a no data electronic reply from v/s Min Jae Oh from mjoh6701@naver.com. Eritrea's Radio Bana signed, stamped my prepared card. My card went to Reijo Alapiha in Joenu Finland who contacted me via e-mail before forwarding the card asking me if I received his card. I hadn't but three days later a Radio Bana envelope arrived with his full data station card. He sent me my prepared card as I sent him his card. Although I was glad to get the prepared card back, I would have liked the modest station card too, hi! Peruvian Radio Cultural Amauta verified from v/s Samuel Montes S., Administrador at <radioamauta@hotmail.com>. This reply was for a new report after many past efforts went unanswered. Quite pleased to finally close this one out. Far East Broadcasting Company verified with a card and personal letter indicating the program I heard was "Lu Mien Program" from Thailand from v/s Mrs. Menchie Marcos, QSL Secretary. I received a receipt for my \$1.00 return postage. Finally, European Gospel Radio/IRRS via Slovakia verified an electronic report with an electronic reply from v/s Alfredo mentioning a QSL card was being sent to me from Milano. They don't send many cards so I will be interested in seeing what, if anything, arrives over time. 

Shortwave Center

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The 22nd Annual Winter SWL Festival

Half a Fest is Better Than None

Round 1: Friday

By Richard Cuff and Richard A. D'Angelo

Every once in a while, some family matter rises to the top of the pile and the shortwave listening hobby suffers. Okay, maybe that sounds callous, but I think that I am officially too old to be hauling furniture, boxes of books and other worldly possessions up and down staircases. Yes, this year my participation in the 22nd Annual Winter SWL Festival in Kulpsville, PA was curtailed because my daughter closed on a new house on the Friday of the Fest and moving day was on Saturday. Being the dutiful Dad, I was helping my youngest move into her new residence thus missing Saturday's Festivities. However, I was able to attend on Friday so I got to see, hear, feel and experience much of what made this year's event another success. Picking up the slack is co-Festmeister Rich Cuff who linked up with me in this combined authorship effort. Therefore, all mistakes in this article are his, hi!

Before delving into the details, thanks go out to Rich Cuff, John Figliozi and a team of dedicated volunteers that make this possible each year. The club's sponsorship of the Winter SWL Festival is only achievable through the combined efforts of many folks that make the Fest a special event. Also, thanks to the 155 fine people that made their way to Kulpsville to attend this year's event. The people that come to the Fest each year make this worth repeating in subsequent years. Thanks everyone from the volunteers that make it happen, the presenters that make the forums lively and interesting, and to the fine people that show up every year ready for a good time.

The registration table opened bright and early, 8:00 AM. The exhibits tables, which ran continuously from 9:00 AM to 10:00 PM (evening hours were a new feature this year) in the Stockholm Room, included Digital Radio Mondiale and Internet Radio Live Demonstrations and Testing by Kim Elliott; Satellite TV/Radio Demonstration with Tracy Wood; and vendor displays, station displays and club displays. Greg Majewski hosted the Radio Listening Room in Room 425 designed to enable people to hook up radios to various loop antennas.

The club table was busy both days. NASWA being ably represented by Ed Mauger, Bill Oliver and Company Store Manager Jim Strader. New members were signed up, many old time members renewed thus saving a whopping 42 cents postage. The Company Store sold out of its supply of Passport to World Band Radio books. Jim had a full selection of club coffee mugs, tee shirts, hats, sweatshirts and books to sell making this one of the best Company Store appearances of all time.

After Rich Cuff and John Figliozi opened the Festivities with a welcome at 8:15 AM, it was time for the formal session to begin. Paul Ladd discussed World Christian Broadcasting: The World is Listening in the first forum in the Oslo/Copenhagen Room. This was followed by Tracy Wood with International Broadcast TV/Radio Reception. After these two sessions, it was time to find a nice lunch spot before the afternoon forums began.

The International Broadcasting Bureau ("IBB") Monitoring Team was once again present at the Fest. The IBB coordinated a meeting with some of its monitors to coincide with the Winter SWL Festival. Although several meetings for the monitors took place

during the Festivities, we were able to enjoy the presence of the IBB monitors as active participants at the year's Fest. I had long discussions with well-know international DXers Mauno Ritola of Finland and Victor Goonetilleke of Sri Lanka – expert DXers and prior attendees – that will remain an important highlight to me. The IBB monitors added a nice international flavor to the event. Thanks to Bill Whitacre and the IBB for timing things just right.

The afternoon was busy with three interesting forums. Andy Walker returned along with Steve Underground with a history of United Kingdom land based pirate radio including some shortwave pirates in The History of UK Land-Based Pirate Radio – Incorporating European SW Pirates. The North American perspective on pirate radio was heard in The Annual Pirate Forum hosted by George Zeller in which our own Chris Lobdell was a panelist. The afternoon closed with Greg Majewski – who also participated in the previous session as a panelist – providing An Introduction to HF Loop Antennas which gave details on large and small HF loop antennas. This was in advance of the evening session in Room 425 where attendees could actual try out numerous loop antennas that Greg arranged for the participants to try. The day session attendance numbers were solid at all the forum sessions.

Dinner is on your own the first night. People slowly gathered back for the evening activities which included the Swap Meet in the Stockholm Room where almost anything radio-related can be found. Later in the evening, David Goren hosted The Listening Lounge. Here an informal, after-hours celebration of the sounds of shortwave radio, its history, and influence on popular culture are discussed and heard with audio clips. David's supporting cast included Saul Brody, Martin Peck, Jack Widner, Dan Robinson, and Skip Arey. While all this was going on, the Hospitality Room, hosted by Tony Pazzola, was open for business where adult beverages and soft drinks could be found along with an assortment of munchies for those watching their waistlines.

Round 2: Saturday

Saturday's forums started at 9:00 AM; it seemed the crowd was a bit slow to gather at that hour, even though the Hospitality Room had emptied out by 12:30 AM the night before. Seems that we don't have quite the stamina for partying multiple nights in a row into the next morning!

The morning forums consisted of Rob de Santos with The Future of Radio in Our Lives and Tom Swisher leading the Scanner Scum in Stump the Scum – If You Can! The Silent Auction opened for business at 10:00 AM in Room 153.

The lunchtime speakers on Saturday were especially good. Tom Witherspoon, who is one of the prime movers behind the "Ears to the World" charity whose goal is to get self-powered AM/FM/SW radios into the hands of school teachers in the developing world, told us about the work of the charity and how much he felt their cause resonated with the enthusiasm and spirit of "unity and friendship" and charity he was experiencing at the Fest. His speech was enthusiastically received, and "Hands to the World" was named as the Fest charity for the Silent Auction proceeds.

Sheldon Harvey also gave a nice lunchtime talk, mentioning the radio enthusiasts, DXers, prior Fest participants, and key industry stalwarts who passed away in the prior year. This has become a new Fest tradition, and offers a chance for us to reflect on the passings of the prior year.

The afternoons session began with Dan Srebnick looking at current Internet radio applications in Internet Radio Update and Tim Lemmon with Radio Shacks of the Stars of the Fest – i.e.: You! with candid pictures from SWL radio rooms. After the two forum sessions, the Silent Auction wrapped up the Saturday afternoon events before that all-important pre-Banquet nap. People seemed to participate in the Silent Auction bidding with renewed vigor in the afternoon, fueled by the knowledge that a radio-related char-

ity with meaningful vision was going to be the beneficiary of the Silent Auction.

After that much-appreciated nap, the crowd gathered once again for pre-dinner drinks and the traditional Fest banquet. Funny how activities surround drinking and food seem to be key parts of the Fest activities! The author of the radio enthusiast blog "Radio Kitchen", who goes by the pen name "The Professor", set up a DJ stand to provide us with before-dinner music and continued with mood-appropriate music during dinner. That was a nice touch. A get-well card for Jay Smilkstein was circulated during the banquet, as a few of the Fest participants had announced plans to visit Jay in the hospital on Sunday as they returned home.

Following the dinner, Co-Festmeister Cuff made a series of announcements before introducing the guest speaker; among these announcements was the word that the Fest would be able to donate more than \$500 towards the "Ears to the World" charity through the Silent Auction proceeds. These announcements also include an acknowledgment of the combined talents and efforts of all those who make the Fest possible through their efforts before, during, and after the event itself. Alan Johnson, a member of NASWA's Executive Council, announced the awarding of the NASWA Bill Eddings award to member Ron Howard at this time. Pre-speaker activities concluded with Gerry Kercher's flawless recitation of "The Shooting of Dan McGrew", a poem by Robert W. Service that runs 58 lines in 10 stanzas. That recitation is no small feat!

Victor Goonetilleke was our banquet speaker; he did a great job talking about his background, how he got started listening, and what he thinks of shortwave to South Asia today. Victor's talk was a "reality check" about the continued relevance of shortwave radio. He also spoke about how he got into DXing.... the Pope made him do it!

After a break to enable Fest participants to make one last rush for raffle ticket purchases from Maryanne Kehoe and Gary Neal (a surprisingly robust activity in this recessionary economy), we then settled in for the

Grand Raffle, the penultimate Fest event, guest emceed again this year by George Zeller, as traditional host Harold Cones ("Dr. DX") was again leading a cruise of whale watchers and meeting his first grandchild and was unable to join us for the Fest. Come to think of it, George has emceed the raffle for enough recent years that we may have to consider Harold, not George, the "guest emcee" in the future.

George continued to have his usual assortment of props, including the Pancho Villa doll and massaging vibrating eyeglasses, augmented with a Wisconsin cheesehead. A propeller-Festooned yellow skullcap completed his adornment.

In an amazing feat that continues to defy all known statistical theories and principles, George once again won the "Barto Basket" of valuable prizes; in a major upgrade of this valuable package, a laundry basket was added for George to haul away his valuable booty, which included a Pirate coloring book ("arrrrrrrigh!") a yellow tabletop gumball machine, a transparent non-working flashlight, and all the other useless leftovers from the Silent Auction we could find.

The raffle was mercifully shortened this year, as there were fewer trinkets and assorted tchotchkes that needed to find new homes. The winner of the Grand Prize, a lightly-used Drake R8B, was John Litterio. Everything was given away within 55 minutes of when George first invoked the music of the Pancho Villa doll to kick off the raffle.

This provided ample time for the assembled Fest crowd to retreat to various private post-Banquet parties as well as the Hospitality Room to await the expected midnight arrival of the Ghost of Pancho Villa through the miracle of radio. In a nod to the "multi-platform" radio environment in which we now find ourselves, parallel frequencies in the MW, SW, and FM bands were all utilized for this important broadcast. Best as we could figure, the broadcast plot featured a fanciful account of an inspection of a new African shortwave station by that country's recently-appointed ambassador and noted

geography expert, Sarah Palin, dutifully accompanied by Pancho Villa and others.

The Hospitality Room crowd dispersed by approximately 2:30 AM, and Sunday morning followed along way too quickly, affording an opportunity for last goodbyes and departures.

Round 23: Next Year

Now is a good time to begin thinking about attending next year's Winter SWL Festival scheduled for 5 and 6 March 2010 at the Best Western - The Inn at Towamencin. The fun begins for many on Thursday as friends say "hi" to one another and meet new friends that arrive early to begin enjoying things a day early. While the formal program doesn't begin until Friday morning, Thursday sees the meeting rooms being set up for the excitement of the next two days. Also, Thursday evening sees many folks gather-

ing for group dinners in a relaxed casual atmosphere that adds to the "fun" value of the weekend. If you can make it early, Thursday is a lot of fun too.

The Fest's website (<http://swlFest.com>) already has the countdown clock activated for the 23rd annual Winter Shortwave Listeners' Festival, to be held March 5th and 6th, 2010 yet again in Kulpville, PA. Rush out and buy your 2010 calendars now so you can save that all-important date!

That's it from Kulpville, the DX Mecca for gatherings of radio listeners for over seventy years. Make a little DX history next year by attending the club sponsored 23rd Annual Winter SWL Festival in Kulpville, PA on 5 and 6 March 2010 (three reminders in three paragraphs... get the hint?). I hope to see you there... more importantly, I hope not to be loading and unloading another moving van next year during the Fest!

Radio St. Helena Receives Letters From DXers

Gary Walters, Radio St. Helena via Robert Kipp

In an email on 29 January 2009, Gary Walters, the RSH Station Manager, commented on the amount of mail regarding Radio St Helena Day 2008 and, indirectly, about the success of the "new" postal route.

"RSH Station Manager, Gary Walters, is pleased to announce that, between 14 and 19 January 2009, Radio St. Helena received 266 letters from DXers around the world containing reports of the recent Radio St Helena Day shortwave transmission, which was held on the 15th of November 2008.

Staff at Radio St Helena will immediately set to work, when we have received the new QSL cards.

Gary and his staff send their best greetings to all DXers around the world and many thanks for their letters of appreciation."

The new RSD 2008 QSL cards have been printed and have arrived in Germany. The cards will be sent to St. Helena very soon, but it will take up to three months for the cards to arrive at RSH.

Therefore, DXers should not expect to find their QSLs in the mail before about July 2009.

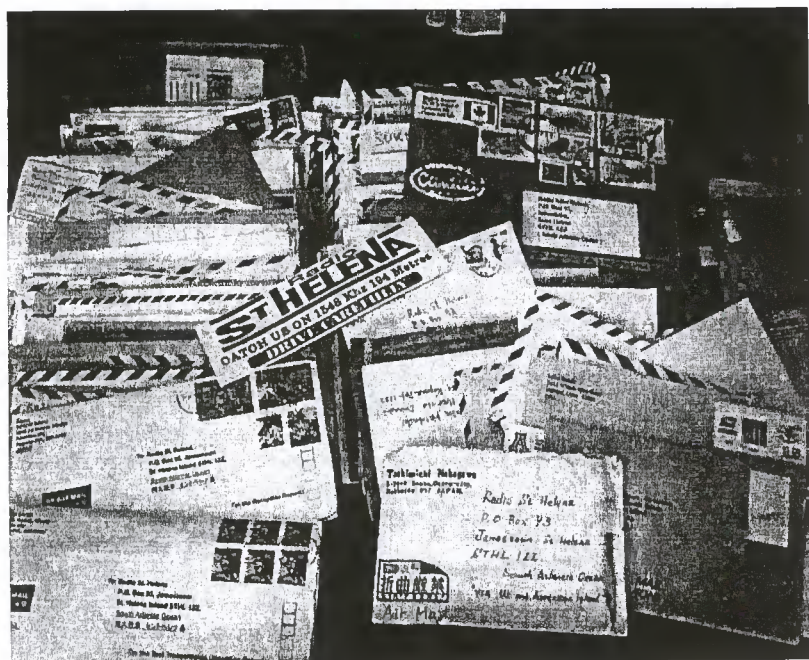
P.S. Included are two photos from Gary showing the pile of mail received.

Radio St. Helena has received mail from 24 countries. Gary Walters, Station Manager of Radio St. Helena, reports (04 February 2009) that the mail received so far has come from the following countries:

Japan 124 Japan, therefore, has the biggest Radio St Helena fan base !!

USA 35

Germany 33



UK 15

Italy 12

Spain 9

Sweden 7

Brazil 4

Austria 3

France 2

Belgium 2

Greece 2 (Athens)

Mexico 2

India 2

Ukraine 1

Finland 1

Luxembourg 1

Czech Republic 1

Denmark 1

Indonesia 1 (Bali)

Canary Islands 1 (Las Palmas)

Portugal 1

New Zealand 1

Seoul Korea 1

Also, it is noted that the "new" postal route (via UK and Ascension) works very well, but that many DXers are still using the "standard" route (via Cape Town).

With best greetings to all SWLs and DXers everywhere, Gary Walters

Equipment Reviews

Alan Johnson • 2490 Sharon Way • Reno, NV 89509 • alanjohnson@gbis.com

MFJ-4726 Desktop/Remote Antenna/ Transceiver Switch

The MFJ-4726 is a multiple antenna/transceiver switch that permits selecting any of six 50 ohm coaxial feedline antenna systems and up to six transceivers or receivers in any combination. The selections are performed by relays, so the '4726 can be remotely mounted in an out of the way position and switching can then be controlled by the MFJ-4726RC—a small switch box that connects to the main unit with CAT5 cable. The other advantage afforded by the use of relays is that light action switches for antenna/transceiver selection can be used instead of the heavier units required for handling RF power in passive antenna switches. The unit includes gas discharge tube surge protectors and all inputs are grounded when the switches are placed in the "Off" position. A transceiver sense jack is included—this can be connected to a 12 volt accessory output on a transceiver so the switch inputs are grounded when the radio is turned off. There is a common output from the antenna selection section and a common input to the transceiver selection section, allowing accessories such as tuners or preselectors to be placed in-line. If no such accessories are used the antenna out must be connected to the transceiver input with a short coaxial jumper cable. The unit is rated for 1500 watt transmitter power and is usable over the frequency range of 1 to 150 MHz, with slightly higher SWR above 50 MHz. All antenna/transceiver connectors are SO-239s. The main unit measures 8W x 5H x 4¼D inches. The '4726RC remote control measures 2¾W x 3¾H x 1D inches. The unit requires a power source of 12-15 volts DC at 300 mA. MFJ supplies a power connector with wire leads—the accessory

wallwart power supply MFJ-1312D is available for \$14.95. The suggested list price for the main unit is \$159.95 and the remote control (with no cable) is \$59.95. The MFJ-4724 is a similar unit but provides four inputs and outputs and sells for \$139.95. The four position remote control is also \$59.95.

In the past, I had been using a military surplus multi-coupler to get signals to my receivers and an Alpha Delta antenna switch to choose between antennas. This setup worked well, but I needed an antenna switch with more than the four positions of the Alpha Delta and decided to eliminate the multi-coupler due to concerns about the possibility of it causing spurious signals. The MFJ-4726 was attractive to me since it offered enough inputs/outputs, was compact enough to fit in the designated spot on the shelf and had light switch action.

Installation

MFJ equipment is built primarily for value, which means that construction quality is usually adequate, but not at "battle-ship" level. That's the case with the MFJ-4726—on my model, there is a small gap between the top of the cabinet and the front panel. Since all the connectors and circuit boards are mounted on the back panel, the unit is "back heavy" and tends to rock backward. I was able to overcome this by moving the rubber feet from the bottom panel to the lip of the back panel. There are also mounting ears on either side of the case bottom that can be used to secure the switch box to a surface—these can be

removed if desired. One possible mounting option is to remove the switch knobs and shafts to allow placing the unit face down for easy connector access if the unit is remotely mounted. I installed the '4726 on my desk and did not use the optional remote switch option. The silk screening is of good quality and there are white labeling areas for each switch position. I used a Brother P-touch label printer to make labels for my unit. I also used the P-touch to make labels for my coaxial cables as it can get confusing with 14 cables going into the back of the unit. The coax connectors are of good quality and are mounted to the back panel with nuts and bolts, not rivets. The circuit boards and soldering are of good quality.

Mighty Fine Junk


Well, that's what many people say "MFJ" stands for—I must admit that I've never had any problems with any of their products that I have used, until this one! My '4726 worked fine for about two weeks, then the antenna selection portion of the unit ceased working. I did some rudimentary troubleshooting but was unable to find the problem. MFJ has a fairly reasonable 12 month warranty/return policy. The owner has to pay for shipping the unit back to MFJ and enclose \$7 for return shipping. They will even repair/replace units that the owner has tried to fix themselves. I sent the unit back and three weeks later got a new replacement from MFJ.

I connected the new switch to my power supply and checked to make sure that all the relays clicked as the front panel switches were rotated. I then labelled the front panel and connected my receivers and antennas. I was quite pleased as I had ended up with a new unit that appeared

to be working correctly. Pride goeth before a fall, I guess, as after about 30 minutes, antenna switch position #3 ceased working. I decided to get more methodical with my trouble shooting this time, as I didn't want to wait three more weeks for a repair/replacement.

I took the unit apart and removed the antenna select board which required dismounting the SO-239s from the back panel, since I couldn't get enough heat from my pencil iron to desolder the center pins of the connectors from the board. I then checked the voltage at the relay coils and found it low at the problem relay. I lifted one end of the coil protection diode and that normalized the voltage. I checked the diode and found that it had a high forward voltage drop. Replacing the diode with a good one cured the problem. I checked the voltage at the other relays and found another one with low voltage (but enough to pull in the relay)—replacing that diode also brought the voltage at the relay coil up to the supply voltage. Since the board is double sided, I had trouble getting enough heat to cleanly desolder the diodes from their ground plane connections. In retrospect, I could have done the voltage checks without removing the board and could have replaced the bad diodes by cutting out the originals and tack soldering replacements to the top of the board.

The unit has now been working fine for several weeks and I am pleased with its size and performance. I'm not sure that I can recommend the product to those without electronic troubleshooting/repair skills or without the patience for potentially multiple returns to MFJ for service.

MFJ Enterprises, P.O. Box 494, Mississippi State, MS 39762; 800-647-1800; www.mfjenterprises.com. 

Kim's Column

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This column, with links, is available at this URL publicized only to NASWA members: <http://kimelli.nfshost.com/index.php?id=6175>

DRM at the Fest

For the sixth year in a row, I demonstrated the somewhat-FM-like Digital Radio Mondiale shortwave reception at the Winter SWL Fest, March 13 and 14 at Kulpsville, Pennsylvania. My two e-mails to the DRM Consortium at the BBC in London were, this year, unanswered. (The previous Consortium headquarters in Geneva was always helpful.) However, through separate channels, we were able to arrange special DRM transmissions with the kind assistance of Vatican Radio and TDF France.

At the Fest, we were mostly unable to receive the Vatican Radio DRM transmission all the way from Italy at 1300-1400 UTC on 15500 kHz. However, listeners elsewhere in the United States were able to hear it. Furthermore, Vatican Radio has a regularly scheduled transmission to North America from its transmitter near Rome, 2300-2345 UTC on 7370 kHz. This I can almost always receive successfully at my home in northern Virginia.

The TDF transmission from French Guiana, 1300-2000 UTC on 17545 kHz, was received at the SWL Fest with about 90% success. Reception would probably have been even more reliable in a location with less electrical noise than our hotel.

In addition, we listened to the DRM transmissions from Radio Canada International, via Sackville NB, throughout the day on 9800 Khz. We also had some success with a Radio Kuwait DRM transmission on 11675 kHz.

Alas, there is still no standalone DRM receiver available in North America. DRM reception, therefore, is a grueling process of compiling 1) a shortwave receiver with some

sort of IF output, 2) a device to convert the IF to the 12 kHz required for DRM decoding, 3) an antenna up on the roof of the hotel, 4) a good PC, 5) in our case, an extra sound card, 6) speakers, 7) DRM decoding software, and 8) all the necessary cables, connectors, and power supplies. I am really getting too old for the rigors of DRM reception.

It was, however, a bit easier this year thanks to our US-made receiver, the RFSpace SDRIQ, a software-defined small black box that connects to a PC. It also takes power from the PC via USB, so one less wall wart to worry about. Furthermore, with the proper setting, but without the need for an extra downconverter (are you with me so far?), the SDRIQ can produce the 12 kHz IF output to input into the DRM decoding software. It is a relatively easy and inexpensive way to receive DRM. (See screenshot.) (The SDIRQ also receives analog broadcasts, with a spectrum display that is great fun to use.)

How far will DRM go?

At the Fest, we like to test the limits of DRM shortwave by decoding trans-oceanic signals. In reality, DRM shortwave is more reliable over modest distances, such as the new BBC and Deutsche Welle intra-European DRM transmissions. The use of DRM shortwave for reception within India also seems feasible, provided, as mentioned above, DRM receivers become available. DRM might also bring new life to medium wave and long-wave in countries where those bands are no longer popular with listeners.

On the same table as our Rube Goldberg DRM receiving setups, we also displayed and listened to five wifi internet radios. They are all standalone devices, needing a broadband connection but no external antenna. They were able to receive thousands of stations, domestic and international, as compared to, usually, one on the DRM receivers.

But DRM might, finally, have its standalone receiver. The Uniwave Di-Wave DRM receiver was supposed to have been introduced at the DRM General Assembly in Germany on March 25. As I hunt-and-peck this column, no news, no press releases, no nothing, not even from the DRM Consortium website. (NB: The press release appeared March 27 at drm.org.)

Indeed, I can't even find a website for Uniwave. Well, there is a website for a company in Germany that makes the Uniwave Projectile 419, a device that lubricates knitting machine components. The Universal Projectile 419 is a very cool looking machine. I'll bet we could modify it somehow to receive DRM.

Obama speaks to Iran

Some people inside U.S. international broadcasting were dismayed that President Obama did not make this an exclusive for VOA's Persian News Network and/or RFE/RI's Radio Farda—just as his administration earlier opted to reach Arabs via an interview on Al Arabiya rather than Alhurra.

Instead, the video was distributed to a wide array of media, including VOA, BBC, Al Jazeera, YouTube, and the White House website.

The pluralistic distribution of this video is actually a good thing for both U.S. public diplomacy and for U.S. international broadcasting. From a public diplomacy standpoint, the Obama administration wanted this message to have the widest possible distribution. There is no better way to do this than to make the video available to a large number of news outlets. These redundancies of distribution are especially important given the vigor with which Iran blocks and jams information from outside its borders.

It also worked out well for US international broadcasting, because it showed that VOA Persian News Network and Radio Farda are not President Obama's personal intercoms for reaching Iran. These stations will establish their all-important credibility not through presidential exclusives, but through the objectivity and reliability of their news, week after week, year after year.

World Service website has a new wide look

BBC World Service has redesigned its website, again. "The new wide format makes the whole site even easier to use, creating more room for the content to be easily seen and scanned," says a BBCWS press release.

It is a wide format. I wonder how well it can be seen on netbooks that are popular these days. These small PCs have correspondingly small displays, but they are in the "wide" aspect ratio for which the BBCWS is obviously designed.

The new look BBCWS website fails the most important requirement for an international broadcasting site. Most international broadcasting operations are multilingual. Audiences in each of a station's languages must find a welcome on the station's home page, and a way to navigate to content in that language.

On the BBCWS home page, non-English speakers must cursor down "below the fold," to the lower left hand corner. Even then, only speakers of Arabic, Urdu, Persian, Chinese, Hindi, Somali, Russian, Portuguese to Brazil, Spanish, and Vietnamese are in luck. The others must know, somehow, that "More languages" is the link to the links their languages. VOA manages to fit links to all of its language services on its home page.

What if you speak English and you want the news? You will find the BBCWS website a nice enough source of schedule information and audio files. But where is the news? It's rather hidden. You can get there by way of the "Explore the BBC" link in the upper right corner, or the not exactly correctly worded, small-pitch "From BBC News" in the right column. Then you are transferred to news.bbc.co.uk (International Version), with its amazing wealth of news. It's a website that could one day replace BBC World Service. No wonder it's hidden.

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

KIM

Listener's Notebook

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

AFGHANISTAN Ex 6700 *Radio Solh*. Over the past week I have been talking to various intelligence people and spooks who are here on Kandahar Air Base. I have been directed to an area of Kandahar where there is a fixed frequency dipole, roughly about wave at 6700 kHz along with its antenna tuning unit (ATU). I have been told that the studios, etc., have already been dismantled and removed. But the antenna is still there and in good condition. Nearby is the sealed container where the transmitter lies and the transmission cable is buried underground. There is also a communications satellite and I do not yet know, if this is part of the Radio Solh operation. (Muick, Feb 26/DSWCI DX Window/Petersen-DENMARK)

ALBANIA A-09 schedule of *Radio Tirana*:

0030-0045	English	9345 Tu-Su
0145-0200	English	7425 Tu-Su
0230-0300	English	7425 Tu-Su
0330-0400	English	7425 Tu-Su
0630-0800	Albanian	7390
0801-0900	Albanian	7390
1430-1500	English	13625 Mo-Sa
1700-1730	Italian	7430 Mo-Sa
1730-1800	French	7430 Mo-Sa
1800-1815	Serbian	6145 Mo-Sa
1845-1900	English	7430 Mo-Sa
1845-1900	English	13640 Mo-Sa
1901-1930	French	7465 Mo-Sa
1901-1930	Italian	7430 Mo-Sa
1931-2000	German	7465 Mo-Sa
2000-2030	English	13640 Mo-Sa
2000-2030	English	7465 Mo-Sa
2030-2200	Albanian	6165 9345
2300-0030	Albanian	7425 9345

(DX-MIX-BULGARIA)

AUSTRALIA *CVC Australia* A09 via Darwin:

0400-1000	Indonesian	17820 17830
0630-0900	Chinese	17660
0830-1130	English	15555
1000-1300	Indonesian	9670
1000-1400	Chinese	13660
1130-1500	English	13635
1300-1700	Indonesian	6110
1400-1600	Chinese	11640
1500-1600	English	11730
1600-1730	English	9680
2200-0200	Chinese	15170
2300-0200	Indonesian	15250

(Gupta-INDIA/Cumbre DX)

BELGIUM - NON TDP A09:

Moj Them Radio 0100-0130 15260 Mo/
We/Fr Hmong

<i>Haiv Hmoob Radio</i>	0100-0130	15260 Tu Hmong
<i>Hmong Lao Radio</i>	0100-0200	15260 Th/Su Hmong
<i>Hmong World Christian R. Aso Radio</i>	0100-0130	15260 Sa Hmong
	0530-0600	7385 Mo-Fr Hausa
<i>Denge Mezopotamya Denge Mezopotamya TDPradio</i>	0400-1800	11530 Kurdish
	1800-2000	7540 Kurdish
	0800-0900	6015* Mo English
<i>TDPradio</i>	0900-1000	6015* Tu English
<i>TDPradio</i>	1000-1100	6015* We English
<i>TDPradio</i>	1100-1200	6015* Th English
<i>TDPradio</i>	1200-1300	6015* Fr English
<i>TDPradio</i>	1300-1400	6015* Sa English
<i>TDPradio</i>	1400-1500	6015* Su English
<i>TDPradio</i>	1500-1600	6015* English
<i>Que Huong Radio</i>	1200-1300	15680 We-Fr Vietnamese
<i>Aso Radio</i>	1600-1630	15215 Mo-Fr Hausa
<i>EOTC Holy Synod Radio</i>	1600-1700	15340 Mo Amharic
<i>Addis Dimts Radio</i>	1600-1700	15195 Su Amharic
<i>Radio Kimpwanza Radio Xoriyo Ogadenia</i>	1700-1800	15260 Su Lingala
<i>Radio Xoriyo Ogadenia</i>	1700-1730	15350 Mo/Fr Somali
<i>Radio Xoriyo Ogadenia</i>	1700-1730	17870 Mo/Fr Somali
<i>Voice Of Asena</i>	1730-1800	15350 Mo/ We/Fr Tigrinya
<i>Ginbot 7</i>	1700-1730	15350 Tu/ Th/Sa Amharic
<i>Ginbot 7</i>	1700-1730	17870 Tu/ Th/Sa Amharic
<i>Voice Of Meselna-Delina</i>	1730-1800	15350 Tu/ Th/Sa Tigrinya
<i>Radio Bilal</i>	1700-1800	15350 Su Amharic
<i>TDPradio</i>	2300-2400	9790* English
<i>Suab Xaa Moo Zoo</i>	2330-2400	11860 DHA Hmong

Reports to :
 TDP c/o Ludo Maes
 P.O. Box 1
 2310 Rijkevorsel
 BELGIUM
 Tel : +32 33 14 78 00
 Mob : +32 477 477 800
 Fax : +32 33 14 12 12
 E-mail : info@transmitter.org
 Web : http://www.broadcast.be
 (Gupta-INDIA/Cumbre DX & DX Mix -
 BULGARIA)

BULGARIA Radio Bulgaria A09:

0000-0100	Bulgarian	7400 9400 9700 11700
0100-0200	French	9700 11700
0100-0200	Spanish	7400 9400
0200-0300	English	9700 11700
0300-0400	Russian	6100 7400
0400-0500	Bulgarian	6000 6100 7400 Sa/ Su
0430-0500	Bulgarian	6000 6100 7400 Mo- Fr
0500-0530	Greek	6000 Mo-Fr
0500-0530	Russian	6100 7400
0500-0530	Turkish	5900 7300
0500-0600	Greek	6000 Sa/Su
0530-0600	Albanian	6000 Mo-Fr
0530-0600	German	9600 11600
0600-0630	French	9600 11600
0600-0630	Serbian	6000 Mo-Fr
0600-0630	Spanish	11800 15800
0600-0700	Albanian	6000 Sa/Su
0630-0700	English	9600 11600
0700-0710	English*	9600 Sa/Su
0700-0710	Spanish*	11800 Sa/Su
0700-0800	Serbian	6000 Sa/Su
0710-0720	French*	11800 Sa/Su
0710-0720	German*	9600 Sa/Su
1000-1030	Bulgarian	7400 11600 11700 13600 15700
1000-1030	Turkish	5900 7300
1030-1100	German	11700 15700
1030-1100	Greek	7400
1030-1100	Russian	11600 13600
1100-1130	Albanian	7400
1100-1130	French	11700 15700
1100-1130	Spanish	11800 15800
1130-1200	English	11700 15700
1130-1200	Serbian	7400
1200-1400	Bulgarian	11700 15700
1400-1500	Russian	5900 7400
1500-1600	Bulgarian	5900 7400 13800 15700
1530-1600	Russian	9400 DRM
1600-1630	Russian	5900 7400
1630-1700	German	5900 7400 9400- DRM
1630-1700	Spanish	11800 13800
1700-1730	French	5900 7400 9400- DRM

1730-1800	English	5900 7400 9400- DRM
1730-1800	Turkish	6100
1800-1900	Russian	5900 7400
1800-2000	Bulgarian	6100
1900-2000	German	5900 7400
2000-2100	French	5900 7400
2100-2200	English	5900 7400
2130-2230	Spanish	6200 9800
2300-2400	English	9700 11700 9500- DRM
2300-2400	Russian	6200
2300-2400	Spanish	7400 9400

*Euranet

Horizont HS-1 Bulgarian

0400-0700	9400 Fr
0600-0900	11900 Sa/Su
0900-1200	11900 Mo-Th

Radio Varna Bulgarian

2100-2400	6000 Su
0000-0300	6000 Mo

(DX Mix)

CANADA 6069.97 **CFRX** Toronto, 0232-0250 + 0333-0344, March 5. CVC/Chile not heard March 4 nor 5. IDs "News Talk 1010 CFRB"; Ryan Dolye show; Ann Shatilla's Hollywood Report; Bill Carroll Show; traffic report.

6159.97 **CKZU** Vancouver, 0251-0308, March 5. As It Happens Show with Carol Off and Barbara Budd; "CBC News from Vancouver": local news & weather. QRM from assume CKZN (Newfoundland) which was faintly heard under them. Thanks to John Wilkins for also recently confirming these frequency measurements for both CKZU and CFRX (Ron Howard, CA/Cumbre DX)

CHINA A-09 English schedule of **China Radio International:**

0000-0100	6075 6180 7350 7415 11790 11885 13750 15125
0000-0200	6020cer 9570cer
0030-0130	11730
0100-0200	6080 6175 9410 9470 9535 9580cub 9790sac 11870 15125 15785
0200-0230	11770 13640
0230-0300	11770 13640 15435
0300-0400	9690nob 9790cub 11770 13750 15110 15120 15785
0400-0500	6020sac 6080sac 13750 15120 15785 17730 17855
0500-0600	6020sac 6190sac 11710cer 11880 11895 15350 15465 17505 17540 17730 17855
0600-0700	11710cer 11870 11880 11895 13660 15140 15350 15465 17540 17710 15350 15465 17505 17540

0700-0800 11895 13710cer 15125 15350
 15465 17540 11880 13660 15350
 15465 17540 17710

0800-0900 11620 11895 13710cer 15350
 15465 17540 11880 15125 15350
 15465 15625 17540

0900-1000 11620 15210 15270 15350 15625
 17490 17570 17690 17750

1000-1100 6040sac 6060 11610 11635
 11750 13620 13590 13720 15190
 15210 15350 17490 17690

1100-1130 5955 6040sac 6060 11660 11650
 11795 13590 13645 13650cer
 13720 17490

1130-1200 5955 6040sac 11660 11650
 11795 13590 13645 13650cer
 13720 17490

1200-1230 5955 9460 9600 9645 9730 9760
 11650 11660 11690 11760 11980
 13645 13650cer 13790 17490

1230-1300 5955 9460 9600 9645 9730 9760
 11650 11660 11690 11760 11780
 11980 13645 13650cer 13790
 17490

1300-1400 5955 9570cub 9650sac 9730
 9760 9765 9870 11660 11665
 11760 11980 13610 13755 13790
 15260sac

1400-1430 5955 7325 9765 9870 11665
 11675 11765 13685bko 13710
 13740cub 13790 17630bko

1430-1500 5955 9765 9870 11665 11675
 11765 13685bko 13710
 13740cub 13790 17630bko

1500-1530 5955 6095 7160 7325 7405 9720
 9800 9870 11965 13640
 13685bko 13740cub 17630bko

1530-1600 5955 6095 7160 7325 7405 9600
 9720 9800 9870 11965 13640
 13685bko 13740cub 17630bko

1600-1700 6060 6095 6180 7235 7420 9570
 9720 9760 11650 11900 11940
 11965 13760

1700-1800 6090 6140 6145 6165 7235 7265
 7315 7335 7410 7420 9570 9695
 1190 11940 13760

1800-1830 6030 6020 7265 9600 13760

1830-1900 6030 9600 13760

1900-2000 7285 7295 9435

2000-2030 5960cer 5985 7285cer 7295 7415
 9440 9600 11640bko 11940
 13630bko

2030-2100 5960cer 5985 7285cer 7295 7415
 9440 9600 11640bko 13630bko

2100-2130 5960cer 6135 7205 7225 7285cer
 7325 7415 9490 9600 11640bko
 13630bko

2130-2200 5960cer 6135 7205 7225 7285cer
 7325 7365 7415 9600

2200-2300 7360 9590msk

2300-2400 5915 5990cub 6145sac 7350
 7410 9610 11690 11790
 11840sac

(CRI Website via links supplied by
 Jaisakthivel-IND, DX Listening Digest/
 Hauser-OK)

bko - Bamako, Mali
 cer - Cerrik, Albania
 cub - La Habana Quivican, Cuba
 fla - Flaka, Albania
 msk - Moscow, Russia
 sac - Sackville, Canada
 (updated by Bueschel-GERMANY, WWDXC BC-
 DX TopNews Mar 27)

**CHINA - TAIWAN Radio Taiwan
 International A09, all from Taiwan except
 as noted:**

0000-0100 Vietnamese 11655
 0000-0300 Mandarin 9660
 0200-0230 Cantonese 15440-WYFR
 0200-0300 English 5950-WYFR
 0200-0300 Spanish 7570-WYFR 9840-
 Montsinery

0230-0300 Hakka 15440-WYFR
 0300-0400 English 5950-WYFR
 0300-0400 Mandarin 11640 11885 15245
 15290 Fr/Su

0400-0430 Cantonese 15320
 0400-0500 Spanish 17725-WYFR
 0400-0600 Mandarin 11640 11885 15290
 0430-0500 Hakka 15320
 0600-0700 Spanish 5950-WYFR
 0800-0900 Japanese 11605
 0900-1000 Vietnamese 15270
 1000-1030 Cantonese 15270 11635
 1000-1100 Hokkein 15465
 1000-1100 Indonesian 11520 11550
 1000-1100 Mandarin 6085 6150 7185
 9780 11665
 1030-1100 Hakka 15270 11635
 1100-1200 English 11715 7445
 1100-1200 Russian 11985
 1100-1300 Mandarin 6085 6150 7185
 9680 9780 11665
 11710

1100-1400 Japanese 9735
 1200-1230 Cantonese 11915 6105
 1200-1300 Hokkein 11715
 1200-1300 Indonesian 11635
 1230-1300 Hakka 6150 11915
 1300-1400 Hokkein 11635
 1300-1400 Mandarin 6085 6150 7185
 7445 9680 9780
 11665 15265

1400-1435 Mandarin 6085 6145 7130
 7185 7445 9680
 11665

1400-1500 Indonesian 11875
 1400-1500 Russian 15225-Issoudan
 1400-1500 Thai 11635
 1400-1500 Vietnamese 11550
 1435-1500 Mandarin 6085 6145 7130
 7185 7270 7445
 9680 11665

1500-1530 Cantonese 11550

1500-1535	Mandarin	6145 7130 7185 7270 9680 11665	1630-1657	German	11700si 11825kr
1500-1600	Thai	7555	1700-1727	English	5930 17485
1530-1400	Hakka	11550	1730-1757	Czech	5930 17485
1535-1600	Mandarin	6145 7130 7185 9680 11665	1800-1827	Russian	5840du
1600-1700	English	11550 13840- Issoudun	1800-1827	Spanish	5930 13580
1600-1700	Mandarin	6145 7130 7185 7365 9680 11665	1830-1857	French	5930 13580
1700-1800	English	15690-Issoudun	1900-1927	Spanish	5930 13580
1700-1800	Mandarin	6145 7130	1930-1957	Czech	5930 11600
1700-1800	Russian	11705-Issoudun	2000-2027	English	5930 11600
1800-1900	English	6155-Issoudun	2030-2057	Spanish	5930 11600
1900-2000	French	6045-Skelton 11755- Issoudun	2100-2127	Czech	9410 11600
1900-2000	German	6185-Skelton	2130-2157	English	9410 11600
2000-2100	Spanish	3965-Issoudun	2200-2227	French	7345 9415
2100-2200	German	3965-Issoudun	2230-2257	English	7345 9415
2200-2400	Mandarin	6105 6150 9660 9685 11635 11710 11885	2300-2327	Spanish	7345 9415
2200-2400	Thai	7445	2330-2357	Czech	7345 9440
2300-2400	Spanish	17725-WYFR	2330-2357	Spanish	11740sa

(Gupta-INDIA/Cumbre DX)

CZECH REPUBLIC *Radio Prague* A-09:

0000-0027	English	7345 9440
0000-0027	Spanish	7275as
0030-0057	Spanish	7345 9440
0100-0127	English	6200 7345
0130-0157	Czech	6200 7345
0200-0227	Spanish	6200 7345
0230-0257	Czech	7345 9870
0300-0327	English	7345 9870
0330-0357	English	6080sa 9445 11600
0400-0427	Russian	9445 11600
0430-0457	Spanish	9955rmi
0600-0627	French	5930 7345
0630-0657	German	5930 7345
0700-0727	English	9880 11600
0730-0757	French	9880 11600
0800-0827	Spanish	11600 15710
0830-0857	Czech	11600 15710
0900-0929	English	9880 21745 9955rmi
0930-0957	Czech	9880 21745
0930-0957	Spanish	9955rmi
1000-1027	German	6055 9880
1030-1057	English	9880 11665
1100-1127	Czech	11665 15710
1130-1157	Russian	11665 15710
1200-1227	German	6055 7345
1230-1257	Czech	6055 7345
1300-1327	German	9850wo/DRM Fr/Sa
1300-1329	English	13580 17540
1330-1357	English	9850wo/DRM Fr/Sa
1330-1357	French	13580 17540
1400-1427	English	9955rmi
1400-1427	Spanish	11625 13580
1430-1457	Russian	7345 13580
1500-1527	German	5930
1530-1557	Czech	5930 17485
1600-1627	English	5930 17485
1630-1657	French	5930 17485

as = Ascension Island
 du = Dushanbe
 kr = Krasnodar
 rmi = WRMI
 sa = Sackville
 si = Sines
 wo = Wooferton

(From scan of printed sked posted by Kraig
 in DX Listening Digest/Alan Roe)

ECUADOR *HCJB Global Voice* - B09:

0000-0030	Wodani	6050
0000-0200	Spanish	11625
0000-0300	Quichua	3220
0030-0100	Cofan	6050
0100-0500	Spanish	6050
0200-0500	Spanish	9745
0230-0300	German-H	9780
0300-0330	German-L	9780
0830-0900	Spanish	11625* Sa/Su
0830-0930	Spanish	11625* Mo-Fr
0830-1100	Quichua	3220 6050 6080
0900-0930	German-H	11625* Sa/Su
0930-1030	German-H	11625*
1100-1300	Quichua	3220 6080
1100-1300	Spanish	6050 11960
1300-1500	Spanish	6050 11690 11960
1500-1700	Portuguese	11705*
1730-2000	Portuguese	15295
1900-2400	Spanish	6050
2100-2230	Spanish	12000
2130-0300	Quichua	6080
2230-2300	German-L	12040
2245-2300	Kulina	11920
2300-0230	Portuguese	11920

*DRM

Mailing Address: HCJB Global Voice Casilla
 17-17-691 Quito, Ecuador S.A.

Frequency Manager: Douglas Weber (Gupta-
 INDIA/Cumbre DX)

GERMANY Here's the incredible shrinking
Deutsche Welle schedule for B09; it wasn't

so long ago this schedule would consume several pages:		
0000-0100 English-As	9885tr 15595vl 17525ko	1300-1330 Chinese 5980vl 13735tr 15360tr
0000-0100 Russian	6180dh 11865tr 17865kr	1300-1400 Hausa 15410ki 17610si 17800ki
0000-0200 German	6075si 6165tr 9430 ki 9505ra 9845ra 12050ki	1330-1400 Dari 13840tr 15595ks 9655tr 13840tr 15595ks
0100-0130 Bengali	9855tr 15345kr	1400-1500 Amharic 11645tr 15650ki
0100-0200 Russian	6115ra 9685tr	1400-1500 Russian 11915wo 15265ra 15620ki 15700wo
0130-0200 Hindi	9855tr 15345kr	1400-1600 German 6075ra 13780wo 15275ki 17840si
0200-0230 Urdu	12095tr 15345kr	1430-1500 Urdu 9655tr 13840tr 15595ks
0200-0300 Russian	15450tr	1500-1530 Hindi 6180tr 9540tr 9655tr
0200-0400 German	6075si 7310ra 9825si	1500-1600 Russian 15265ra 15620ki 15690dh
0230-0300 Farsi	5990ks 9845sm	1500-1600 Swahili 9485ki 9770ki 21840dh
0300-0400 English-As	11975tr 15595dh	1530-1600 Bengali 6180tr 9540tr 9655tr
0300-0400 Russian	1780ki 15450tr	1600-1700 English-As 6170tr 9485tr 9540tr 15640ra
0300-0400 Swahili	6180ki 9790dh 15400tr	1600-1700 French2Af 9440ki 11625ki 15620ra 21840as
0400-0500 English-Af	7245ki 7430si 12045dh 15445tr	1600-1700 Russian 9715dh 11915ki
0400-0530 Russian	5915ra 9545wo 13780ki	1600-1800 German 6075wo 6150ki 13780wo 15275wo
0400-0600 German	6075si 9480ki 9620ki 15605tr	1700-1730 Urdu 5915ks 9655tr
0500-0530 English-Af	7430si 9700ki 9440sk 9825me	1700-1800 Arabic 12045tr 13650wo 17860ki
0500-0600 English-As	17525tr/DRM	1700-1800 French2Af 9735me 11890wo 17610ki 21840si
0530-0600 Portuguese	9700ki 17800dh	1700-1800 Russian 9715ra 11915tr 15620si
0600-0627 German	6075si	1700-1900 English-Eu 5790sk/DRM 9960ky/DRM
0600-0630 English-Af	7310si 15275ki	1730-1800 Farsi 9545ks 7510gr
0600-0700 English-Eu	3995sk/DRM 6130si/DRM	1800-1900 Arabic 12045si 13650wo 17860ki
0600-0800 German	6075wo 9480wo 12045ki 13780wo 15605wo 17860ki	1800-1900 German 6150ki
0630-0700 Hausa	9885si 15275ki	1800-1900 Hausa 11965ki 13860ra 15620si
0700-0800 English-Eu	5790wo/DRM	1800-1900 Russian 9715ra 9885tr 11885wo
0700-1000 English-Eu	9545si/DRM	1800-2000 German 6075wo 9545wo 9735wo 13780si
0800-0830 Pashto	15360tr 17705ra	1900-1930 Belarusian 9535wo Mo-Fr
0800-0900 English-As	12095tr/DRM	1900-1930 English-Af 6150ki 11795ra 15620tr 17860si
0800-0900 German	9855bo	1900-2000 Arabic 11670si 11690ra 13810si 15420ki
0800-1000 German	6075wo 13780wo 15650tr	1900-2000 English-Eu 3995sk/DRM 5875ky/DRM
0800-1300 English-Eu	13810si/DRM	1900-2000 Russian 9715ra 9885tr 11885tr
0830-0900 Dari	15360tr 17705ra	1930-2000 Portuguese 6150ki 11795ra 15620tr 17860si
0900-1000 English-As	15340kr 17705tr	2000-2100 Arabic 1350ye(2001-) 9495ra 9495sk 11670si 15420ki
0900-1000 German	5905bo	
1000-1100 Swahili	9565ki 15410ki	
1000-1200 German	5905bo 6075ra 9425cc 17635tr 21780ki	
1000-1300 English-Eu	9545mb/DRM	
1030-1150 Chinese	7205vl 15360kr 15640tr 17820 tr	
1200-1258 Indonesian	11770tr 15105tr	
1200-1300 French2Af	11795ki 13860si 15265wo 15410ki 21780ki	
1200-1400 German	6075ra 9565tr 17845kr	

2000-2100 English-Af	6150ki 11795ra 11865si 15205tr	5955 1100-1458 WER RNW Su 5955 1500-1557 WER RNW Mo-Sa
2000-2200 German	6075ra 7330tr 9545si 9875ki	5955 2000-2100 WER BVB Su 5955 2330-0030 WER DVB
2100-2200 English-Af	9735si 11865ki 15205ki	5960 1900-1959 JUL CHW Sa 5960 2000-2159 NAU YFR
2200-2300 Indonesian	5955tr 7380tv	5960 2200-2300 WER YFR
2200-2400 German	6075si 9430ki 9465ra 9775ki 11865si	5965 1230-1259 WER PRW 5965 1400-1500 JUL RTR Su 5965 1626-1659 WER TWR Mo-Fr
2300-0000 Chinese	9865kr 9900no 11830pe	5965 1626-1659 WER TWR Sa 5975 1230-1259 WER PRW
2300-2400 German	5955tr	5980 0430-0500 WER NHK 6000 1530-1600 NAU PRW 6000 1600-1630 WER PRW 6010 1659-1757 WER RNW 6015 1800-1859 WER PRW 6015 1900-1930 WER BVB Tu/Fr 6015 1900-1945 WER BVB Th/Sa 6015 1900-2000 WER BVB Su 6015 1915-1930 WER BVB Mo/We 6020 1931-2016 WER PAB Su 6020 1931-2031 WER PAB Sa 6020 2000-2030 WER PAB Fr 6025 0500-0600 WER AWR 6030 0030-0100 WER BVB 6035 0759-0857 WER RNW 6035 1430-1529 WER PRW 6040 2030-2100 NAU IBB Mo-Fr 6040 2030-2100 NAU IBB Sa/Su 6045 0000-0100 WER WRN 6045 1000-1100 WER HLR Su 6050 1800-1859 JUL YFR 6050 2200-2300 WER PRW 6055 1000-1059 WER CHW Su 6055 1130-1200 WER EMG Sa/Su 6055 1200-1215 WER MWA Su 6060 1727-1800 WER TWR 6105 0400-0459 WER IBB 6105 0742-0920 NAU TWR Su 6105 0757-0850 NAU TWR Mo-Fr 6105 0812-0850 NAU TWR Sa 6105 1700-1759 NAU YFR 6110 1400-1559 JUL TOM 6110 1559-1657 NAU RNW 6110 1800-1859 WER BVB Sa 6110 1830-1859 WER BVB Su 6120 0400-0600 WER IBB 6120 0559-0657 NAU RNW 6120 0859-1100 WER RNW Mo-Fr 6120 1802-1902 NAU YFR 6135 2000-2030 WER PRW 6140 1300-1400 WER MVB Su 6140 1630-1759 WER PRW 6165 0030-0045 WER PAB Su 6175 1900-2000 WER TOM 6195 1645-1800 WER BVB Mo/We 6195 1715-1730 WER BVB Fr 7105 1630-1700 WER PRW 7150 1500-1530 WER IBB 7165 2000-2200 WER IBB 7170 1457-1600 WER TWR 7170 1600-1629 WER PRW 7180 1430-1530 WER PRW 7180 1800-1859 WER YFR

as: Ascension Is.
bo: Bonaire
cc: Cypress Cr.
dh: Dhabayya
gr: Grigoriopol
ja: jakarta
ka: Kabul
ki: Kigali
ko: Komsomolsk
kr: Kranji
ks: krasnodar
kv: Kiev
ky: Kvitsoy
mb: Moosbrunn
me: meyerton
mo: Moscow
no: Novosibirsk
pe: Petropavlovsk
pr: Pristina
ra: Rampisham
si: Sines
sk: Skelton
sm: Samara
sp: St. Petersburg
ta: Tirana
tr: Trincomalee
tv: Talata Vol
vl: Vladivostok
wo: Woofferton
ye: Yerevan
(DW via Alokesh Gupta in DX Listening Digest, re-arranged by Alan Roe and again by ye olde ed.)

GERMANY - NON Media Broadcast GmbH (formerly T-Systems - DTK) B08 operational DTK schedule:

3955	1800-1900 JUL HCJ
3975	1800-1900 WER YFR
3975	1900-2000 WER YFR
3975	2030-2100 WER PRW
5850	1630-1930 WER IBB
5850	1930-1959 WER PRW
5935	0030-0045 WER BVB Sa/Su
5935	1900-1929 WER PRW
5935	1930-2030 WER PRW
5945	0800-0830 NAU BVB Su
5945	0800-0915 NAU BVB Sa
5945	0845-0900 NAU BVB Fr
5955	0658-0758 NAU RNW
5955	0758-0859 WER RNW

7200	2330-0030	WER	<i>GFA</i>	9615	0430-0500	WER	<i>BVB</i>	Mo-Th	
7205	0230-0330	WER	<i>IBB</i>	9615	0430-0530	WER	<i>BVB</i>	Sa	
7205	1800-1830	WER	<i>BVB</i>	Su	9615	0430-0545	WER	<i>BVB</i>	Fr
7210	1800-1815	JUL	<i>BVB</i>	Sa	9625	1830-1900	WER	<i>IBB</i>	
7210	1800-1830	JUL	<i>BVB</i>	Mo/We/Fr	9640	2030-2100	GUF	<i>PRW</i>	
7210	1800-1859	JUL	<i>BVB</i>	Tu/Th	9650	1600-1659	WER	<i>YFR</i>	
7210	1830-1859	JUL	<i>BVB</i>	Su	9660	1730-1759	JUL	<i>IBR</i>	
7215	0030-0130	WER	<i>GFA</i>	9660	2200-2300	GUF	<i>PRW</i>		
7220	1600-1659	NAU	<i>IBB</i>	9665	1500-1530	WER	<i>AWR</i>		
7235	1900-1930	WER	<i>FEB</i>	9665	1530-1559	WER	<i>AWR</i>		
7260	1830-2000	JUL	<i>BVB</i>	Su	9670	0100-0300	WER	<i>IBB</i>	
7260	1930-2000	WER	<i>BVB</i>	Sa	9680	1700-1730	JUL	<i>RMI</i>	Sa
7260	1945-2015	WER	<i>BVB</i>	Mo-Fr	9680	1730-1759	JUL	<i>RMI</i>	Fr
7280	0300-0330	WER	<i>AWR</i>	9680	1830-1929	WER	<i>IBB</i>		
7285	1130-1200	NAU	<i>PRW</i>	9695	1600-1630	JUL	<i>RMI</i>	Su/Tu/Th	
7305	2100-2159	WER	<i>YFR</i>	9695	1900-1959	WER	<i>YFR</i>		
7315	0300-0330	WER	<i>AWR</i>	9730	1600-1759	JUL	<i>BVB</i>	Mo/We/Th	
7315	0330-0359	WER	<i>AWR</i>	9730	1600-1859	JUL	<i>BVB</i>	Su/Fr	
7315	0430-0527	WER	<i>RNW</i>	9730	1630-1759	JUL	<i>BVB</i>	Tu	
7325	1300-1400	WER	<i>PRW</i>	9730	1630-1830	JUL	<i>BVB</i>	Sa	
7335	0200-0400	WER	<i>VOR</i>	9750	1559-1657	NAU	<i>RNW</i>		
7335	0400-0600	GUF	<i>VOR</i>	9760	1600-1659	WER	<i>YFR</i>		
7345	1800-1900	ISS	<i>PRW</i>	9760	1830-1845	JUL	<i>RRP</i>	Tu/Th	
7375	0000-0400	WER	<i>HRT</i>	9770	1700-1800	WER	<i>IBB</i>		
7375	0200-0600	WER	<i>HRT</i>	9790	1530-1600	WER	<i>PRW</i>		
7375	2300-0400	WER	<i>HRT</i>	9800	1500-1600	NAU	<i>YFR</i>		
7425	0400-0430	WER	<i>AWR</i>	9800	1830-1859	WER	<i>LWF</i>		
9405	1600-1700	WER	<i>YFR</i>	9800	1900-1929	WER	<i>PRW</i>		
9415	1600-1659	WER	<i>IBB</i>	9805	2000-2030	WER	<i>AWR</i>		
9430	0400-0500	WER	<i>IBB</i>	9815	1900-1930	WER	<i>IBB</i>		
9445	1130-1159	WER	<i>PRW</i>	9820	1630-1659	JUL	<i>RHU</i>	Tu/Fr	
9445	1700-1729	WER	<i>AWR</i>	9830	1730-1759	WER	<i>AWR</i>	Su	
9450	1300-1359	WER	<i>PRW</i>	9830	1730-1800	WER	<i>AWR</i>	Mo-Sa	
9460	1630-1915	NAU	<i>BVB</i>	Su	9845	1800-1859	WER	<i>YFR</i>	
9460	1645-1700	NAU	<i>BVB</i>	Mo/We	9845	1900-2030	WER	<i>IBR</i>	
9460	1645-1715	NAU	<i>BVB</i>	Fr	9850	1600-1630	JUL	<i>PAB</i>	Su/Th
9460	1645-1720	NAU	<i>BVB</i>	Tu	9850	1700-1759	WER	<i>YFR</i>	
9460	1645-1745	NAU	<i>BVB</i>	Th	9885	1700-1759	WER	<i>YFR</i>	
9460	1645-1929	NAU	<i>BVB</i>	Sa	9895	0559-0658	NAU	<i>RNW</i>	
9460	1800-1900	NAU	<i>BVB</i>	Tu	9895	0658-0757	WER	<i>RNW</i>	
9460	1830-1859	NAU	<i>BVB</i>	Fr	9895	1100-1557	WER	<i>RNW</i>	Su
9465	1600-1629	WER	<i>IBB</i>	9925	1530-1729	WER	<i>BVB</i>		
9465	1800-1859	NAU	<i>YFR</i>	11605	1600-1659	WER	<i>IBB</i>		
9470	1800-1859	WER	<i>IBR</i>	11645	1530-1629	WER	<i>GFA</i>		
9470	1901-1931	WER	<i>BVB</i>	Sa	11645	1730-1759	JUL	<i>IBR</i>	
9470	1915-1945	WER	<i>BVB</i>	Su	11675	1400-1429	WER	<i>PRW</i>	
9470	1930-1959	WER	<i>BVB</i>	Fr	11675	1500-1530	WER	<i>AWR</i>	
9480	1900-2200	NAU	<i>YFR</i>	11675	1530-1600	WER	<i>AWR</i>		
9485	1600-1659	NAU	<i>IBB</i>	11685	1700-1759	NAU	<i>YFR</i>		
9485	1730-1759	WER	<i>IBB</i>	Mo-Fr	11695	1400-1459	WER	<i>BVB</i>	Sa/Su
9485	1800-1900	NAU	<i>IBB</i>	11720	1300-1329	NAU	<i>AWR</i>	Mo-Fr	
9485	1900-1930	NAU	<i>IBB</i>	Mo-Fr	11720	1300-1329	NAU	<i>AWR</i>	Sa/Su
9495	0230-0330	WER	<i>IBB</i>	11725	1330-1500	NAU	<i>AWR</i>		
9500	1900-2000	WER	<i>YFR</i>	11760	1600-1630	JUL	<i>RMI</i>	Su/Tu/Th	
9520	1600-1658	WER	<i>IBB</i>	11760	1900-1930	WER	<i>AWR</i>		
9540	1700-1829	NAU	<i>IBB</i>	11760	1930-1959	WER	<i>AWR</i>		
9565	1400-1459	WER	<i>IBB</i>	11795	1730-1759	WER	<i>AWR</i>		
9585	1500-1559	WER	<i>YFR</i>	11810	1700-1758	JUL	<i>SBO</i>	Su/We	
9595	0700-0800	WER	<i>AWR</i>	11830	1500-1559	WER	<i>YFR</i>		
9595	1400-1500	WER	<i>IBB</i>	11835	1700-1758	NAU	<i>ELF</i>	Th	
9595	1800-1859	WER	<i>IBB</i>	11835	1700-1758	NAU	<i>ADM</i>	Sa	
9595	2000-2059	WER	<i>YFR</i>	11835	1700-1758	NAU	<i>EFD</i>	Su/We	
9605	1600-1630	WER	<i>EMG</i>	Sa	11840	1200-1230	NAU	<i>EMG</i>	Sa
9610	1000-1100	NAU	<i>AWR</i>	Su	11840	1400-1429	WER	<i>PRW</i>	
9615	0430-0500	WER	<i>BVB</i>	Su	11875	1630-1729	JUL	<i>BVB</i>	

11875 1729-1745 JUL **BVB** Fr
 11895 1500-1530 NAU **BVB** Sa/Su
 11895 1500-1556 NAU **BVB** Th/Fr
 11895 1515-1556 NAU **BVB** We
 11895 1530-1556 NAU **BVB** Mo/Tu
 11905 1630-1659 WER **AWR**
 11905 1730-1759 WER **IBB** Mo-Fr
 11905 1800-1859 WER **IBB**
 11935 0759-0857 WER **RNV**
 11955 1600-1759 WER **YFR**
 11955 1900-2000 NAU **AWR**
 11970 1625-1715 WER **BVB** Tu/Fr
 11970 1625-1715 WER **BVB** Mo/Th
 11970 1625-1729 WER **BVB** We
 11975 0800-0830 WER **AWR**
 12005 1430-1529 WER **GFA**
 12010 0800-0830 WER **AWR**
 12010 0830-0900 WER **AWR**
 12015 1400-1500 WER **IBB**
 12035 1500-1559 JUL **BVB** Tu
 12035 1515-1559 JUL **BVB** We-Fr
 12035 1530-1559 JUL **BVB** Sa/Su
 12045 1759-1957 WER **RNV**
 13575 0000-0100 GUF **VOR**
 13600 1400-1459 WER **YFR**
 13630 0100-0300 GUF **VOR**
 13645 1400-1415 WER **PAB** Sa
 13645 1400-1430 WER **PAB** Su
 13645 1415-1430 WER **PAB** Mo-Sa
 13645 1430-1445 WER **PAB** Su
 13680 1230-1559 WER **IBB**
 13700 1400-1558 NAU **YFR**
 13750 1330-1429 NAU **GFA**
 13810 1400-1520 NAU **TOM**
 13810 1520-1556 NAU **TOM**
 13820 1300-1500 NAU **YFR**
 13840 1200-1229 WER **PRW**
 13840 1400-1459 WER **YFR**
 15185 1330-1459 WER **GFA**
 15190 0830-0900 WER **NHK**
 15215 1300-1345 WER **NHK**
 15215 1345-1515 WER **NHK**
 15225 0500-0600 NAU **IBB**
 15495 1200-1230 WER **AWR**
 15495 1230-1259 WER **AWR**
 15520 1200-1229 WER **PRW**
 15520 1230-1330 NAU **GFA**
 15565 1200-1230 NAU **BVB** Mo-Fr
 15620 1630-1700 WER **IBB**
 17485 1500-1559 JUL **TOM**
 17545 0900-1000 WER **BVB** Fr
 17650 1530-1559 WER **BVB** We
 17675 0600-0700 WER **IBB**

ELF Eritrean Liberation Front
EMG Evangelische Missionsgemeinden in Deutschland
FEF Feba Radio UK
GFA Gospel for Asia
HCJ Voice of the Andes
HLR Hamburger Lokalradio
HRT Hrvraska Radio Televizija
IBB International Broadcast Bureau
IBR IBRA Radio Schweden
LWF Lutheran World Federation
MVB Mecklenburg-Vorpommern Baltic Radio
MWA Missionswerk Arche
NHK Nippon Hoso Kyokai
PAB Pan Am Broadcasting
PRW Polskie Radio Warsaw
RHU Radio Huriyo (Xoroyo)
RMI Radio Miami International
RNW Radio Netherlands World Service
RRP Radio Reveil Paroles de Vie
RTR Radio Traumland (Belgium)
SBO Sagalee Bilisummaa Oromoo
TOM The Overcomer Ministry
TWR Trans World Radio
VOR Voice of Russia
WRN World Radio Network
YFR WYFR Family Radio

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 Josef-Lammerting-Allee 8-10
 D-50933 Cologne Germany

Please send your inquiries and reception reports to: E-Mail: <QSL-Shortwave @ media-broadcast.com> Internet: <http://www.media-broadcast.com/en/radio/kurzwelle.html>
 (via WWDXC, Mike Bethge-D, March 5)

GREECE Voice of Greece (ERA-5) B09 schedule:

0000-0100	15650 7475 9420
0100-0200	15650 7475 9420
0200-0300	15650 7475 9420
0300-0400	15650* 7475 9420
0400-0500	7450 7475* 9420
0500-0600	7450* 11645 9420
0600-0700	15630 11645 9420
0700-0800	15630 11645 9420
0800-0900	15630 11645 9420
0900-1000	15630 11645 9420
1100-1200	9935# 15630 9420
1200-1300	9935# 15630 9420
1300-1400	9935# 15630 9420
1400-1500	9935# 15630 9420
1500-1600	9935# 15630 9420
1600-1700	9935*# 15630 9420
1700-1800	7450# 15630 9420
1800-1850	7450# 15630 9420
1900-2000	7450# 15630 9420
2000-2100	7450# 15630 9420
2100-2200	7450# 15630 9420

Broadcasters:

ADM Adera Dimts Radio
AWR Adventist World Radio
BVB High Adventure Gospel - Bible Voice Broadcasting
CHW Christliche Wissenschaft
CVC Christian Vision
DTK MEDIA BROADCAST (ex Deutsche Telekom)
DVB Democratic Voice of Burma
EFD Ethiopians For Democracy

2200-2300 7450*# 15630* 9420
 2300-2400 15650# 7475 9420

* transmission ends 10 minutes early
 # ERT *Radiophonikas Stathmos Makedonias*
 (Thessaloniki)
 Break every Tuesday 0800-1200
 (VOG/John Babbis/Alan Roe)

GUAM KTWR A-09 Schedule:

0805-0900	English	15170	Tu/Th/Fr
0820-0900	English	15170	We
0835-0900	English	15170	Mo
0855-0930	English	11840	Mo-Fr
0900-0915	Balinese	15200	Fr-Tu
0900-0915	Torajanese	15200	We-Th
0915-0930	English	11840	Sa
0915-0945	Madurese	15200	
0930-1045	Mandarin	12105	
0945-1045	Indonesian	15200	
1000-1030	Hui	15325	Sa
1000-1030	Uyghur	11935	Mo-Fr
1015-1200	Mandarin	11590	
1045-1115	Javanese	15200	
1100-1115	Nosu Yi	11590	Sa/Su
1100-1130	Vietnamese	9635	
1100-1200	Cantonese	9975	Su
1100-1230	Mandarin	9910	
1115-1145	Sundanese	15200	
1200-1215	Mongolian	9910	Sa
1200-1215	Nosu Yi	9975	
1200-1235	Burmese	13765	Sa
1200-1300	Burmese	13765	Su-Fr
1200-1300	Mandarin	9370	Su
1200-1330	Mandarin	9370	Sa
1200-1400	Mandarin	9370	Mo-Fr
1230-1300	Kokborok	11870	Mo-Fr
1230-1330	Mandarin	9975	
1245-1300	Kokborok	11870	Sa
1300-1315	Amdo-Tibetan	9370	Mo-Th
1300-1315	Boro	9650	We-Su
1300-1330	Hui	9370	Sa
1300-1330	Sgaw Karen	9585	
1315-1330	Manipuri	9650	Mo-We
1330-1345	Assamese	12075	Su
1330-1400	Assamese	12075	Mo-Fr
1330-1400	Cantonese	9975	Mo-Fr
1345-1400	Santhali	9650	
1400-1415	Vietnamese	9920	Mo-Fr
1400-1500	Vietnamese	9920	Sa/Su
1400-1515	Korean	11570	Su-Fr
1400-1545	Korean	11570	Sa
1415-1450	English	9975	
2200-2230	Cantonese	12130	Mo-Fr
2200-2245	Cantonese	12130	Su
2300-2315	Mandarin	11765	

(Jaisakthivel, ADXC via DX Listening Digest mail list, re-arranged by Alan Roe and your bleary-eyed ed.)

INDIA All India Radio A09 Shifting of AIR frequencies from 7100-7200 kHz band:

External Service changes:

AIR Panaji:

1615-1730 Persian 7250 (ex 7115)
 1730-1830 Malayalam 7250 (ex 7115)

AIR Chennai:

0000-0115 Tamil 7270 (ex 7360)
 0115-0200 Sinhala 7270 (ex 7360)
 0200-0430 FM Gold HS 7270 (ex 7360)

AIR Mumbai:

0015-0430 Urdu 7340(ex 7195)
 0830-1130 Urdu 7340(ex 7195)
 1130-1140 HS (Hindi/Eng) 7340(ex 7195)
 1230-1500 Sindhi 7340(ex 7195)
 1500-1600 Baluchi 7340(ex 7195)

AIR Delhi:

0030-0040 HS (Hindi/Eng) 7370(ex 7150)
 0100-0200 Sindhi 7370(ex 7125)
 1600-1830 Nat. Prog 7370(ex 7140)

(Gupta-INDIA, DX India/DX Listening Digest/Hauser-OK)

All India Radio on SW (Home & External Services) A-2009:

3945	50	Gorakhpur 0130-0230 Nepali (Nepal), 0230-0300 HS, 1330-1430 Nepali (Nepal), 1430-1735 Urdu (Pakistan)
4760	10	Leh s0130/w0213-0400/0413/Sun 0430 1130-1700
4760	8.5	Port Blair 2355-0300 1030-/1700/1730
4775	50	Imphal 0000/0030-0215 1030-1700/1730
4800	50	Hyderabad 0020-0215 1130-1742
4810	50	Bhopal 0025-0215 1130-1742
4820	50	Kolkata 0025-0215 1220-1744
4830	50	Jammu 0025-0445/Sun 0450 1030-1741 (Off air)
4835	10	Gangtok 0100-0401(Sun 0415) 1030-1600
4840	50	Mumbai 2355-0400 1230-1730
4850	50	Kohima 0000-0415 1000-1600/1630/1700 (Irregular)
4860	50	Delhi (Kingsway) 0025-0440,1220-1330 HS, 1330-1430 Nepali (Nepal), 1430-1930 Urdu (Pakistan)
4880	50	Lucknow 0025-0430(Sun 0415v), 1215-1741
4895	50	Kurseong 0055-0400 1130-1700(Sat, Sun 1741)
4910	50	Jaipur 0025 0430(Sun 0415) 1130-1741
4920	50	Chennai 0015-0245 1200-1739
4940	50	Guwahati 0000-0415 1135-1700(Sat 1741)
4950	50	Srinagar s0025/w0120-0215 1120-1739

4960	50	Ranchi 0025-0445 1100(Sun 1130) -1741 (Off air)	7270	100	Chennai 0000-0045 Sinhala, 0045-0115 Tamil (Sri Lanka), 0130-0430 HS(Ex 7360)
4965	50	Shimla 0025-0200 1235v-1730(Sat, Sun 1741)	7270	100	Chennai 1000-1100 English, 1115-1215 Tamil, 1300-1500 Sinhala (Sri Lanka)
4970	50	Shillong 0025-0400 1056-1630			
4990	50	Itanagar 0020-0400 1000-1630	7280	50	Guwahati 0600-0930 0945-1130 (Sun 0530-1130)
5010	50	Thiruvananthapuram 0020-0215 1130-1740	7290	50	Thiruvananthapuram 0230-0430(Sat 1000, Sun 1030), 0630-1000
5015	50	Delhi (Kingsway) 1220-1841	7295	10	Aizawl 0700-0930(Sun 1000)
5040	50	Jeypore 0025-0435 (Sun 0445, Sat 0545 v), 1130-1741	7315	50	Shillong 0656-0930 (Ex 7130)
5050	10	Aizawl 0025-0400 1130-1630	7325	50	Jaipur (Sun v0430-0500), 0630-0931 (Ex 7120)
5965	50	Jammu 0630-0930 (Off air)	7335	50	Imphal 0225-0400/0530(Sun 0500),0630(Sun 0600)-1000 (Ex 7150)
5985	50	Ranchi 0630-1000 (Off air)			
5990	500	Bengaluru 0100-0200 Sindhi (Pakistan)	7340	100	Mumbai 0015-0430 Urdu, 0830-1130 Urdu, 1130-1140 HS,1230-1500 Sindhi, 1500-1600 Baluchi (Pakistan) (Ex 7195)
6000	10	Leh 0700(Sun 0630)-0930	7370	50	Delhi (Kingsway) 0030-0040 (Ex 7150)
6020	50	Shimla 0215-0410, 0700 (Sun 0415-1000)-0930 1130-1230	7370	100	Delhi (Kingsway) 0100-0200 Sindhi (Pakistan) (Ex 7125)
6030	100	Delhi (Kingsway) 0200-0310	7370	100	Delhi (Kingsway) 1550-1615/1630/1700/1730v 1730-1740 (Ex 7140)
6030	50	Delhi (Kingsway) 1215-1430	7380	50	Chennai 0300-0430(Sun 0500), 0610-0930 (Sun 1130) (Ex 7160)
6040	50	Jeypore 0700-0936	7390	8.5	Port Blair 0315-0400 (Sat 0415, Sun 0500), 0700-0931(Sun 1000) (Ex 7115)
6045	100	Delhi (Kingsway) 1430-1930 Urdu (Pakistan)	7410	250	Delhi (Khampur) 1315-1415 Dari, 1415-1530 Pushtu (Afghanistan, Pakistan), 1745-1945 English, 1945-2045 Hindi, 2045-2230 English (W. Europe)
6065	50	Kohima 0430-0510 0700-0900 (Irregular)	7420	50	Guwahati 0130-0230 Nepali, 0230-0300 HS, 0300-0430 Bangla, 0700-0800 Nepali, 0800-1100 Bangla, 1215-1330 Tibetan, 1330-1430 Nepali, 1445-1515 Bangla, 1515-1600 HS, 1600-1730 Bangla, 1730-1740 HS
6085	10	Gangtok Irregular	7420	50	Hyderabad 0225-0400(Sat 0505, Sun 0500), 0545-0930 (Sun 0530-1030) (Ex 7140)
6085	50	Delhi (Kingsway) 1220-1310 1330-1340 1345-1420 1430-1440 1445-1615/1630/1700/1730v, 1730-1740	7430	50	Bhopal 0225-0447 (Sun 1031), 0700-0931 (Ex 7180)
6100	100	Delhi (Kingsway) 0230-0330 1430-1530	7440	50	Lucknow 0700(Sun 0430)-1000, 1005-1006 (Ex 7105)
6100	50	Delhi (Khampur) 0900-1200 (Vividh Bharati, DRM NVIS)	9425	500	Bengaluru 1320-0043 (National Channel)
6110	50	Srinagar 0225-0509 (Sun 1115), 0600-1115	9445	500	Bengaluru 1745-1945 English (W NW Africa), 2045-2230 English(W. Europe)
6150	50	Itanagar 0700-0900			
6155	250	Delhi (Khampur) 0015-0430 Urdu (Pakistan)			
6165	250	Delhi (Khampur) 1230-1500 Sindhi, 1500-1600 Baluchi(Pakistan)			
6190	50	Delhi (Kingsway) 0730-1030			
7210	50	Kolkata 0230-0401v (Sat, Sun 0501), 0700-1000(Sun 1030)			
7220		Delhi For special broadcasts			
7230	50	Kurseong 0620-1030			
7235	50	Delhi (Kingsway) 0215-0320 0330-0340 (Sun 0355)			
7240	50	Mumbai 0530-1035			
7250	50	Gorakhpur 0700-0800 Nepali (Nepal), 0830-1130 Urdu (Pakistan), 1130-1140 HS			
7250	250	Panaji 1615-1730 Persian, 1730-1830 Malayalam (W. Asia) (Ex 7115)			
7255	250	Aligarh 1315-1415 Dari, 1415-1530 Pushtu, 1530-1545 English (Afghanistan, Pakistan)			

9470	250	Aligarh 1320-0043 (National Channel)	11620	250	Delhi (Khampur) 1330-1500 English (E SE Asia)
9575	50	Delhi (Kingsway) 1215-1330 Tibetan (Tibet), 1330-1420 1430-1440 1445-1615/1630/1700/1730v, 1730-1740 HS	11620	500	Bengaluru 1515-1600 Gujarati (E. Africa), 1615-1715 Russian (E. Europe), 1745-1945 English, 1945-2045 Hindi (Europe)
9595	250	Delhi (Khampur) 0015-0430 Urdu (Pakistan)	11620	2x500	Bengaluru 2045-2230 English (Australia/NZ/Europe)
9595	100	Delhi (Kingsway) 0700-0800 Nepali (Nepal), 0810-0830 HS, 0830-1130 Urdu (Pakistan), 1130-1140 HS	11645	250	Delhi (Khampur) 2245-0045 English (NE Asia)
9595	250	Delhi (Khampur) 1615-1715 Russian (E. Europe)	11710	50	Delhi (Kingsway) 1115-1140 HS, 1215-1315 Burmese (Myanmar) 11715250Delhi (Khampur)0130-0230 Nepali (Nepal)
9620	250	Aligarh 1230-1500 Sindhi, 1500-1600 Baluchi (Pakistan)	11715	250	Panaji 2045-2230 English (Australia/NZ)
9635	250	Aligarh 0100-0200 Sindhi (Pakistan)	11730	250	Delhi (Khampur) 0400-0430 Persian, 0430-0530 Arabic (West Asia), 0530-0600 Urdu (Haj Season)
9690	500	Bengaluru 1330-1500 English (E SE Asia)	11735	500	Bengaluru 0215-0300 Pushtu, 0300-0345 Dari (Pakistan, Afghanistan)
9705	250	Panaji 2245-0045 English (E SE Asia)	11740	250	Panaji 2300-2400 Hindi, 0000-0045 Tamil, (SE Asia), 0045-0115 Sinhala (Sri Lanka)
9810	250	Panaji 0130-0230 Nepali (Nepal)	11775	250	Panaji 1215-1330 Tibetan (Tibet), 1330-1430 Nepali (Nepal)
9820	250	Panaji 1300-1500 Sinhala (Sri Lanka), 1530-1545 English	11830	50	Delhi (Kingsway) 0125-0340 (Sun 0355)
9835	100	Delhi (Kingsway) 0000-0045 Tamil (Sri Lanka)	11840	250	Panaji 0315-0415 Hindi (West Asia)
9835	250	Delhi (Khampur) 0215-0300 Pushtu, 0300-0345 Dari (Afghanistan, Pakistan)	11840	250	Delhi (Khampur) 1145-1315 Chinese (NE Asia)
9835	50	Delhi (Kingsway) 1330-1615/1630/1700/1730v, 1730-1740	11850	50	Delhi (Kingsway) 0700-0800 Nepali (Nepal)
9870	500	Bengaluru 0025-0435 0900-1200 1245-1740 (Vividh Bharati)	11935	100	Mumbai 1745-1945 English (E. Africa)
9890	100	Delhi (Kingsway) 0730-0830	11985	250	Delhi (Khampur) 0000-0045 Tamil, 0045-0115 Sinhala (Sri Lanka)
9910	250	Aligarh 0215-0300 Pushtu, 0300-0345 Dari (Pakistan, Afghanistan)	11985	500	Bengaluru 0215-0300 Kannada (W. Asia)
9910	250	Delhi (Khampur) 1315-1415 Dari, 1415-1515 Pushtu, 1530-1545 English (Afghanistan, Pakistan)	12025	250	Panaji 1615-1730 Hindi, 1730-1830 Malayalam (W. Asia)
9950	250	Delhi (Khampur) 1515-1615 Swahili, 1615-1730 Hindi (E. Africa)	13605	500	Bengaluru 1515-1615 Swahili (E.Africa), 1745-1945 English, 1945-2030 French (W NW Africa)
9950	50	Delhi (Khampur) DRM : 1745-1945 English, 1945-2045 Hindi, 2045-2230 English (W. Europe)	13605	2x500	Bengaluru 2245-0045 English (E SE Asia)
11585	250	Delhi (Khampur)1230-1500 Sindhi, 1500-1600 Baluchi (Pakistan), 1615-1730 Persian, 1730-1945 Arabic (W. Asia)	13620	500	Bengaluru 1730-1945 Arabic (W. Asia), 1945-2030 French (W NW Africa)
11620	250	Aligarh 0100-0430 Urdu (Pakistan)	13645	500	Bengaluru 1515-1600 Gujarati (E.Africa)
11620	250	Delhi (Khampur) 0830-1130 Urdu (Pakistan), 1130-1140 HS, 2245-0045 English (E SE NE Asia)	13695	500	Bengaluru 0315-0415 Hindi (W.Asia)
11620	500	Bengaluru 1215-1315 Burmese (Myanmar)			

0400-0500 Japanese	5960sa 15195 15325 17560 17810	2200-2300 Japanese	9650dh 11910 13680 15265bo
0430-0500 Korean	15300	2210-2230 Korean	9560
0430-0500 Russian	6130ge	2230-2250 Chinese	9560
0500-0530 Chinese	15300	2240-2300 Chinese	13650
0500-0530 English	5975uk 6110sa 11970is 15325 17810	2300-2320 Thai	13650
0500-0530 Spanish	6195bo	2300-2400 Japanese	11910 13680 15265bo
0530-0600 French	9850ge 11750ge	2310-2340 Indonesian	17810
0530-0600 Russian	11715 11760	2320-2340 Vietnamese	13650
0600-0630 Chinese	17860	2340-2400 Burmese	13650
0630-0700 French	9800is	2340-2400 Chinese	15195 17810
0700-0730 Arabic	11905is	ar = Armenia	
0700-0800 Japanese	6145 6165 9750	bo = Bonaire	
0800-0830 Russian	6145 6165	dh = Dhabbaya	
0800-0900 Japanese	9750 9825 11740sn 15290is	ge = Germany	
0830-0900 Persian	15190ge	is = Issoudun	
0900-0930 English	9625 9825 11815 15590	mo = Moscow	
0900-1000 Japanese	9750 9795sa 11740sn 15290is	sa = Sackville	
0930-1000 Portuguese	9660bo	sn = Singapore	
0945-1030 Indonesian	6140sn	uk = UK	
1000-1030 Spanish	6120sa 6195bo	uz = Uzbekistan	
1000-1500 Japanese	9750 11815	(From pdf Sked at http://adxc.wordpress.com/2009/03/16/nhk-world-radio-japan-a09 via Jaisakthivel, ADXC in DX Listening Digest, retyped and re-arranged by Alan Roe and your grumpy ed.)	
1030-1100 Burmese	11740sn		
1100-1130 Korean	6090	JORDAN Radio Jordan has resumed transmissions on a second transmitter - and obviously beamed towards Europe.	
1100-1130 Vietnamese	9695		
1100-1200 Russian	6010		
1130-1200 Chinese	6090		
1130-1200 Thai	11740sn		
1200-1230 English	6120sa 9625 9695 9790ge	11960 was on air today (25th) at 0730 and closed at 0810. It's registered with the HFCC for 0600-0815 via 350 degrees. The usual 11810 was in parallel - registered 0500-0815 at 94 degrees.	
1230-1300 French	15400is		
1230-1300 Korean	6190		
1230-1300 Thai	9695		
1230-1300 Vietnamese	11740sn		
1300-1330 Chinese	6190 11740sn	And now 15290 has come up at 1138 in midst of a music programme. This one is registered at 1145-1230 via 287 degrees. I hear a faint 11810 in parallel - registered 1145-1400 at 94 degrees.	
1300-1330 Swahili	21560is		
1300-1345 Bengali	15215uz		
1310-1340 English	11985		
1315-1400 Indonesian	11705		
1330-1400 Russian	6190		
1345-1430 Hindi	9585uz	Unfortunately, 11690 is no longer registered, so we may not hear any English there later - but worth checking.	
1400-1430 English	11705 11705sa 11985 13630uk 21560is		
1400-1430 Korean	6190		
1430-1500 Burmese	11705	[Later at 1534 UT:] Jordan 15290 did close down at around 1230UT, and I've been tuning 11690, but as expected, there has been no trace of Radio Jordan in English. The next transmission therefore should be the normal one at 1745-2100 in Arabic on 9830 via 300 degrees. Under current conditions I think this frequency should make it to Stateside fairly early, and even better later (Noel Green-UK, March 25/DX Listening Digest/Hauser-OK)	
1430-1500 Chinese	6190		
1430-1515 Urdu	9680uz		
1500-1700 Japanese	9535 9750 11815 12045sn 17735is		
1630-1700 Korean	6035		
1700-1900 Japanese	6035 7225 9835 11945is 13740dh		
1900-2000 Japanese	9560		
2000-2100 Japanese	6085 9560 9625 11910		
2100-2200 Japanese	6085 9560 11665 11910 13640	KOREA - NORTH Voice of Korea, Pyongyang A09:	
2200-2220 English	13640	0000 Chinese 13650 15100	

0000 Korean-1 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 9650 11865
0700 Korean-1 7140 9345
0700 Russian 9975 11735 13760 15245
0800 Chinese 7140 9345
0800 Japanese 3250 9650 11865
0800 Russian 9975 11735 13760 15245
0900 Japanese 3250 6070 9650 11865
0900 Korean-1 9975 11735 13760 15245
0900 Korean-2 7140 9345
1000 English 11710 11735 13650 15180
1000 Japanese 3250 6070 9650 11865
1000 Korean-1 7140 9345
1100 Chinese 7140 9345
1100 French 11710 11735 13650 15180
1100 Japanese 3250 6070 9650 11865
1200 Japanese 3250 6070 9650 11865
1200 Korean-1 7140 9345
1200 Korean-2 11710 11735 13650 15180
1300 Chinese 11735 13650
1300 English 9335 11710 13760 15245
1300 Korean-1 9325 12015
1400 French 9335 11710 13760 15245
1400 Korean-2 11735 13650
1400 Russian 9325 12015
1500 Arabic 9990 11545
1500 English 9335 11710 13760 15245
1500 Russian 9325 12015
1600 English 9990 11545
1600 French 9335 11710 13760 15245
1600 German 9325 12015
1700 Arabic 9990 11545
1700 Korean-2 9335 11710 13760 15245
1700 Russian 9325 12015
1800 English 13760 15245
1800 French 7100 9975 11535 11910
1800 German 9325 12015
1900 English 9975 11535
1900 English 7100 11910
1900 German 9325 12015
1900 Spanish 13760 15245
2000 French 13760 15245
2000 Korean-2 7100 9325 9975 11535
11910 12015
2100 Chinese 7180 9345 9975 11535
2100 English 13760 15245
2100 Japanese 3250 9650 11865
2200 Chinese 7180 9345 9975 11535
2200 Japanese 3250 9650 11865
2200 Spanish 13760 15245
2300 Japanese 3250 9650 11865
2300 Korean-2 7180 9345 9975 11535
13760 15245

Korean-1 is Pyongyang Broadcasting Station (Pyongyang Pangsong)
Korean-2 is Korean Central Broadcasting Station (Choson Jungang Pangsong) (Arnulf Piontek, GERMANY/DX Listening Digest/hauser-OK)

MADAGASCAR 6134.93 *R. Madagaskira* (p) 1333-1402 March 16. Regional music; W ancr in French, joined later by M at 1349; more mx and chat past ToH. No break or ID noted at ToH. Presumed, based on other DXers' loggings of RM on this exact freq. Fair signal on peaks but losing steam. Noted next day (17 March) also but much weaker and very little readable. (Wilkins-CO/Cumbre DX)[nice one! -ed.]

MALAYSIA 5964.91 *Klasik Nasional FM via RTM*, 1601-1616 + 1704-1706, March 1. Tuned in to choral Anthem (Negaraku - Lagu Kebangsaan Malaysia) followed by singing "Klasik Nasional" jingle; long segment of reciting from the Qur'an; in vernacular; many more singing "Klasik Nasional" jingles.

6049.60 *Suara Islam/Voice of Islam* via RTM, 1617-1628 + 1652-1702*, March 1. DJ playing pop music; Islamic music; many IDs for "Radio Suara Islam"; choral Anthem (Negaraku - Lagu Kebangsaan Malaysia) followed by a pop song at sign-off; best in LSB.

7294.97 *Traxx FM via RTM*, 1629-1651, March 1. DJ "Mary" playing EZL pop songs and reading local requests ("Hi Mary. I would like to dedicate ."); per website: scheduled program was "BBC Top of the Pops" (BBC chart show) on Sun. from 1500 to 1800 UT; "In your car, in your home, at work, 50,000 watts of power"; gives FM frequency (in the past I have heard then give two FM frequencies for the "Klang Valley"); singing "Traxx FM" jingle. Recently they have updated their website < <http://www.traxxfm.net/index.php> >

5030.0 *Sarawak FM via RTM*, 1534-1556, March 1. Woman DJ in vernacular playing pop songs in English (Celine Dion, etc.) and vernacular; on-air phone calls; singing station jingle; sign-off shortly after 1556; heard under CNR-1; // 7130.

7270.34 *Wai FM* via RTM, 1438-1514, March 1. Indigenous chanting; woman DJ in vernacular playing pop songs; on-air calls; started calls with ID'ing "Wai FM"; did not hear any reference to Limbang FM, which in the past had been schedule around this time period. Was just enough off-frequency to be readable, but tough copy; best in USB. Years ago (before PBS Nei Menggu started to block

this frequency in July 2006), Wai FM was for me the most regularly heard Malaysian. Was great to hear them again today!

7270.39v **Wai FM** via RTM, 1410, March 4. They continue their daily slight drift up in frequency, which is a good thing, as they have better reception the more they are away from QRM on 7270.0

7270.0 **Limbang FM and Wai FM** via RTM, 1245-1414, March 8. Unfortunately for me they have adjusted their transmitter back to being on exact frequency again. Poor to fair with QRM from PBS Nei Minggu, surprisingly both about equal strength. Was very enjoyable listening to them while they were off-frequency! In vernacular; mostly DJ playing pop songs; from 1245-1315 several Wai FM IDs; 1400 news (clear "Limbang FM" IDs at start and finish); after 1405 more pop songs and numerous "Wai FM" IDs and a nice singing "Wai FM" jingle

7270.45v **Wai FM** via RTM, 1406-1431, March 12. Off frequency yet again. Fair reception even with QRM from 7270.0. DJ in vernacular playing pop songs; usual numerous IDs for Wai FM, plus their short singing "Wai FM" ID. BoH went from rock & roll song into their regularly heard indigenous chanting.
(Ron Howard, CA/Cumbre DX)

MYANMAR 5915.0 **Myanma Radio - Minorities and Educational Service**, 1335-1500, March 21 & 22. Thanks to Jose Jacob for finding the missing Minorities and Educational Service, ex: 9730.84v. Last time I heard them there was Feb 21 and shortly after that reported their apparent absence. Being off frequency before was a big help with their reception, but being exactly on frequency here is bad (CRI QRM). Lost after 1500, as another station seemed to sign-on. Heard in vernacular (the language was correct for Myanmar), with non-stop talking; lesson with some English words; chemistry lesson with formulas. No ID as such, but after listening to them so many times on 9730.84v, I am positive it's them. Best reception from about 1400 to 1445
(Ron Howard, CA/Cumbre DX)

NEW ZEALAND Radio New Zealand International A09:

0459-0658	11725 11675*
0659-1058	6170 7285*
1059-1158	9655 7285*
1159-1258	9655
1259-1550	6170
1551-1750	7285 6170*
1751-1850	6170 7285*
1851-1950	9615 9890*

1951-2050	11725 9890*
2051-2235	13730 15720*
2236-0458	15720 13730*

*DRM
(RNZI Website, 22 March 2009 via Alan Roe)

PERU 4805 **Radio Rasuwilca**, Ayacucho, 2235, Feb 26, Spanish. Address: Faldas del Cerro La Picota, Ayacucho. (Caote in Conexin Digital via Berg/DSWCI DX Window/Petersen-DENMARK)

ROMANIA Radio Romania International English A09:

0000-0100	9580 11790
0300-0400	6150 9645 9735 11895
0530-0600	7305 9655 15435 17770
1100-1200	5210 11775 11790 15430
1700-1800	9535 11735
2030-2100	9765 11810 11940 15465
2200-2300	7440 9675 9790 11940

(Gupta-INDIA/Cumbre DX)

RUSSIA Voice of Russia World Service - English B09:

0000-0100	9890 9665 9480
0100-0200	9890 9665 9480
0200-0300	9665 9480 15425
0300-0400	9665 15425 15735* 15755 15585
0400-0500	13775 15735* 15755 15585
0500-0600	13775
0600-0800	21790 17635
0800-0900	21790 17635 12060*
0900-1000	15610 15470 21790 12060*
1000-1100	15610 15470
1100-1200	15470 12065
1200-1300	15470 12065 7330
1300-1400	12065 7330
1400-1500	15605 9850 9750* 9445* 7330 6045
1500-1600	15605 12040* 11985 9850 9735 9660 9625 4975
1600-1700	13855 11985 4975
1700-1800	11610 4975
1800-1900	4975
2200-2300	9890
2300-2400	9665 9890

* DRM

Web site: www.ruvr.ru E-mail: world@ruvr.ru
(Gupta-INDIA/Cumbre DX)

SLOVAKIA Radio Slovakia International A09:

0100-0130	English	5930 9440
0130-0200	Slovak	5930 9440
0200-0230	French	5930 9440
0230-0300	Spanish	5930 9440
0700-0730	English	9440 11650
0730-0800	Slovak	9440 11650
0800-0830	German	5920 6055

1300-1330	Russian	7345	9440
1330-1400	German	5920	6055
1430-1500	Spanish	9440	11600
1500-1530	Russian	7345	9535
1530-1600	Slovak	5920	6055
1600-1630	German	5920	6055
1630-1700	English	5920	6055
1700-1730	French	5920	6055
1730-1800	Russian	5920	7345
1800-1830	German	5920	6055
1830-1900	English	5920	6055
1900-1930	Slovak	5920	6055
1930-2000	French	5920	6055
2000-2030	Spanish	9695	11650

(Gupta-INDIA/Cumbre DX)

SOUTH AFRICA Sentech A09:

AWR:

1700-1800	Swah/Masai	9600	
1800-1830	English	3215	3345 9610

BBC:

0300-0330	Swahili	5915	
0300-0400	English	6145	
0300-0600	English	6190	
0300-0600	English	3255	
0400-0430	Swahili	9835	
0400-0600	English	7310	
0430-0530	Portuguese	3380	6145 Mo-Fr
0500-0600	Kirundi	11925	Sa
0530-0600	Kirundi	11925	Su
0600-0700	English	12105	
0600-1400	English	9860	
0600-1600	English	6190	
0700-0730	French	17640	
0700-0800	English	17830	
1330-1530	Swahili	11705	Sa
1400-1600	English	7230	
1500-1700	En/Swa/Ki	7385	
1600-2200	English	6190	
1600-2200	English	3255	
1700-1900	English	7385	
1745-1800	Swahili	7230	
1800-1830	French	5985	
2030-2100	Portuguese	3380	6065 6135
		Mo-Fr	
2100-2200	English	7410	
2200-2300	English	6005	

Channel Africa:

0300-0400	English	3345	6135
0400-0500	English	3345	
0500-0800	English	7230	
0600-0700	English	15255	
0800-1200	English	9625	
1200-1300	Nyanja	9625	
1300-1400	Lozi	9625	
1400-1600	English	9625	
1500-1600	Swahili	15660	
1600-1700	French	15235	
1700-1800	English	15235	
1900-2000	Portuguese	3345	

Deutsche Welle:

0500-0530	English	9825	
1700-1800	French	9735	

EDC:

1600-1630	???	11770	
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Family Radio:

1800-1900	English	6180	
1900-2000	English	3230	
1900-2000	Portuguese	3955	
1900-2000	Swahili	5930	
1900-2000	Portuguese	6100	

FEBA:

1545-1700	Amharic	12125	
1730-1800	Silte	5890	
1830-1845	French	7255	

Hirondelle Foundation:

0400-0600	French/other	11690	
1600-1700	French/other	11890	

IBRA:

1730-1800	Somali	9615	
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RFI:

0600-0700	Portuguese	11830	
0700-0800	French	15170	
1100-1200	French	17525	
2000-2200	French	5895	

Radio Sonder Grense:

0000-0500	Afrikaans	3320	
0500-0800	Afrikaans	7285	
0800-1600	Afrikaans	9650	
1600-2400	Afrikaans	3320	

RTE:

1930-2030	English	6220	
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SA Radio League:

0800-0900	English	7205	17570 Su
1905-2005	English	3215	Mo

Trans World Radio:

0330-0345	Amharic	7215	
0600-0645	English	11640	Mo-Fr
0600-0615	English	11640	Sa/Su
1557-1627	Kirundi	9675	Mo-Fr
1625-1655	Somali	9660	Mo-Fr
1625-1640	Somali	9660	Su
1718-1733	Yao	7265	
1840-1925	French	9720	Su
1840-1940	Fr/Moore	9720	Mo/Tu
1910-1940	Fr/Moore	9720	We
1925-1940	Fr/Moore	9720	Fr

VOA:

1600-1630	Kirundi	11640	Sa
1700-1730	English	11835	
1800-1830	Portuguese	6170	Mo-Fr
1830-2030	French	6170	
1900-2000	English	5990	
2030-2100	Hausa	6170	Mo-Fr

(Updated 20 March 2009) (Via Kathy Otto, Sentech/Gupta-INDIA/Cumbre DX)

UNITED KINGDOM S o m e

VTCommunications changes:

Star Radio:

0700-0730 En/local 11875 ASC cancelled

Cotton Tree News:

0730-0800 En/local 11875 RMP, ex ASC

Zimbabwe Community Radio, new station:

2000-2100 various* 5995 DHA

*Ndebele, English and Shona

Frequency changes of BBC:

0100-0200 Pashto/Dari 9800 NAK
0500-0600 Kirwn/Kirun 11925 MEY Sa
0530-0600 Kirwn/Kirun 11925 MEY Su

(DX Mix - Bulgaria)

UNITED STATES Although the new schedule does not yet show on the **KNLS** English pages, it can be found on the Russian pages, as follows:

0800	English	7355
0800	Mandarin	11765
0900	Mandarin	11765
0900	Russian	7355
1000	English	6890
1000	Mandarin	11765
1100	Mandarin	11870
1100	Russian	7370
1200	English	7355 9780
1300	Mandarin	9780 9795
1400	English	7355
1400	Mandarin	9795
1500	Mandarin	9920
1500	Russian	7355
1600	Mandarin	9920
1600	Russian	7355
1700	Mandarin	9920
1700	Russian	7355

(KNLS web pages in Russian, via Alan Roe)

Changes in B-08 schedule of WHRI Angel 1:

Voice of Biafra International:

2100-2200 Ibo 15665 HRI Fr

World Harvest Radio:

2000-2100 English 9495 HRI daily
2100-2200 English 7315 HRI Sa-Th

(DX Mix - BULGARIA)

Radio Free Asia A09:

0000-0030	Vietnamese	7525 11580 11605 13740 15535 15560
0000-0100	Lao	15545 15690
0030-0130	Burmese	13820 13865 17835

0100-0200	Uyghur	9350 9490 11895 11945 17640
0100-0300	Tibetan	9365 9885 11695 15225 17730
0300-0600	Mandarin	13760 15130 15615 15635 17615 17880 21550 21690
0600-0700	Mandarin	13760 15130 15615 15635 17615 17880 21550
0600-0700	Tibetan	17510 17780 21500 21690
1000-1100	Tibetan	15460 17750 21530
1100-1200	Lao	9355 15145
1100-1200	Tibetan	7470 13830 15375 17750
1200-1400	Tibetan	7470 11590 11605 13830 15375
1230-1330	Burmese	7390 9320 13675
1230-1330	Khmer	12140 15160
1330-1400	Burmese	7390 9320 12140
1400-1430	Burmese	7390 9320
1400-1430	Cantonese	11595
1400-1430	Vietnamese	7520 9715 9805 11605 11680 12140
1430-1500	Cantonese	7280 11595
1430-1500	Vietnamese	7520 9715 9805 11605 11680 12140
1500-1600	Mandarin	9455 9905 11540 11625 12025 13675 15495
1500-1600	Tibetan	9370 11550 11585 11795
1500-1700	Korean	5810 7210 7455
1600-1700	Mandarin	9455 9905 11540 11795 12025 13675 15530
1600-1700	Uyghur	9350 9370 9555 11750
1630-1730	Burmese	9945
1700-1800	Korean	5810 9370
1700-1800	Mandarin	7260 7280 9355 9455 9540 9905 11540 11795 13625
1800-1900	Korean	5810 7210
1800-1900	Mandarin	7280 7355 9355 9455 9540 9865 11540 11700 13625
1900-2000	Mandarin	7260 7355 9355 9455 9850 9865 9905 11700 11785 13625 15510
2000-2100	Mandarin	7260 7355 9355 9455 9850 9905 11700 11740 11785 13625
2100-2200	Korean	7460 9385 12075
2100-2200	Mandarin	7355 9455 9850 9905 11740 11935 13625
2200-2300	Cantonese	9355 11715 11785
2200-2300	Tibetan	5865 7500 9880
2230-2330	Khmer	7580 13740
2300-0000	Mandarin	7540 11760 11785 15430 15485 15585

2300-0000	Tibetan	7470 7500 9805 9875	1330-1400	Thai	11880-SDA Mo/We/ Fr
2330-0000	Vietnamese	7520 11580 11605 13740 15535 15560	1330-1500	Mandarin	15320-NAU
(Gupta-INDIA/Cumbre DX)			1330-1400	Russian	11845-SDA
MULTINATIONAL			1330-1400	Khmer	11880-SDA Su/Tu
Adventist World Radio (AWR) schedule			1400-1500	Mandarin	12105-SDA
A09:			1400-1430	Chin	9560 -SDA
0000-0200	Mandarin	12025-SDA	1400-1430	Urdu	15440-MOS
0000-0030	Burmese	15510-SDA	1400-1500	Mandarin	9700 -SDA
0000-0200	Mandarin	15300-SDA	1400-1430	Sinhalese	12130-SDA
0030-0100	Karen	15510-SDA	1430-1500	Karen	9560-SDA
0100-0200	Vietnamese	15445-TAI Sa	1430-1500	Burmese	11885-SDA
0100-0200	Mandarin	15615-SDA	1430-1500	Afar	17610-MOS
0200-0230	Urdu	6140 -MOS	1500-1530	Nepali	15160-WER
0230-0300	Panjabi	6140 -MOS	1500-1530	Panjabi	15335-WER
0230-0330	Malagasy	3215 -MDC	1500-1530	Mizo	11895-SDA
0300-0330	Oromo	9845 -WER	1500-1530	Telugu	9530 -SDA
0300-0330	Russian	17645-SDA	1500-1530	English	11720-SDA
0300-0330	Tigrinya	6065 -WER	1500-1530	Tamil	11870-SDA
0330-0430	Farsi	6090 -MOS	1500-1530	Turkish	15595-MOS
0330-0400	Amharic	9815 -WER	1530-1600	Hindi	15160-WER
0400-0430	Arabic	9845-WER	1530-1600	English	15335-WER
0430-0500	French	6155 -MOS	1530-1600	Kannada	11720-SDA
0500-0600	Bulgarian	6145 -WER	1530-1600	Marathi	11895-SDA
0700-0800	Arabic	11980-WER	1530-1628	Malagasy	3215 -MDC
0800-0830	French	12010-WER	1530-1600	Hindi	11905-SDA
0800-0830	Kabyle	11980-WER	1530-1600	Malayalam	11870-SDA
0830-0900	Tachelhit	12010-WER	1600-1630	English	11720-SDA 11805- SDA
0900-1000	Italian	9790 -NAU Su	1600-1630	Urdu	6190 -SDA 15260- MOS
1000-1100	Mandarin	15495-SDA 15510- SDA	1630-1730	Farsi	9825 -MOS
1030-1100	Cebuano	11925-SDA Fr/Sa	1630-1700	Somali	17575-WER
1030-1100	Ilocano	11925-SDA Su	1630-1700	English	6190 -SDA
1030-1100	Tagalog	11925-SDA Mo/Tu	1700-1730	Kiswahili	9600-MEY
1030-1100	Mongolian	11780-SDA	1700-1730	Arabic	9445-WER
1030-1100	Ilonggo	11925-SDA We/Th	1730-1800	Oromo	17575-WER
1100-1200	Mandarin	11775-SDA 12105- SDA	1730-1800	Kabyle	11915-WER
1100-1130	Indonesian	15540-SDA	1730-1800	Masai	9600-MEY
1100-1200	Mandarin	12080-SDA	1800-1830	Zande	9755 -MOS Fr
1130-1200	Javanese	15540-SDA Mo/We/ Fr	1800-1830	Moru	9755 -MOS Su
1130-1200	Sudanese	15540-SDA Su/Tu/ Th/Sa	1800-1830	Dinka	9755 -MOS Th
1200-1230	English	15435-WER	1800-1830	Acholi	9755 -MOS Sa
1200-1300	Korean	9880 -SDA	1800-1830	English	3345-MEY
1200-1300	Mandarin	9720 -SDA 9800 - SDA 12105-SDA	1800-1830	Juba	9755 -MOS Tu
1230-1300	Bangla	15435-WER	1800-1830	Col	9755 -MOS We
1300-1400	Vietnamese	17670-MDC	1800-1830	English	9610 -MEY
1300-1330	Bangla	15275-SDA	1800-1830	English	3215 -MEY
1300-1400	Mandarin	12105-SDA	1800-1830	Bari	9755 -MOS Mo
1300-1330	Japanese	9805 -SDA	1830-1900	Arabic	11660-MOS
1300-1330	Uighur	15320-NAU Sa/Su	1900-2000	Arabic	15260-NAU
1300-1330	Japanese	11975-SDA	1900-1930	Hausa	11955-MOS
1300-1330	Mandarin	15320-NAU Mo-Fr	1900-1930	Arabic	9765 -WER
1330-1400	Assamese	15275-SDA Su/We	1900-1930	Fulfulde	15205-NAU
1330-1400	English	15275-SDA Mo/Tu/ Th/Fr/Sa	1930-2000	Ibo	15205-WER
1330-1400	English	11880-SDA Th/Sa	1930-2000	Tachelhit	9765 -WER
			1930-2000	French	15220-MOS
			2000-2030	French	9765 -WER
			2000-2030	Dyula	11955-MOS
			2000-2030	French	11755-WER
			2030-2100	Yoruba	11755-WER
			2030-2100	French	11955-MOS
			2100-2130	Japanese	11980-SDA
			2100-2130	English	11955-MOS
			2100-2200	Mandarin	11750-SDA

2100-2200	Korean	11790-SDA	1515-1600	Hindi	15295N We
2100-2130	Japanese	11850-SDA	1515-1600	Urdu	15680J We
2130-2200	English	11850-SDA	1530-1600	English	15680J Th
2200-2300	Mandarin	12120-SDA	1530-1600	English	15680J Sa
2200-2230	Javanese	11850-SDA Mo/We/ Fr	1530-1600	Hindi	15295N Th
2200-2300	Mandarin	15215-SDA	1530-1600	Hindi	15295N Mo/Tu
2200-2230	Indonesian	15320-SDA	1530-1600	Hindi	15295N Fr
2200-2230	Sudanese	11850-SDA Su/Tu/ Th/Sa	1530-1600	Tigrinya	17650W We
2230-2300	English	15320-SDA	1530-1600	Urdu	15680J Su
2300-2400	Mandarin	15370-SDA	1530-1600	Urdu	15680J Fr
2300-2400	Vietnamese	15320-SDA	1530-1730	Farsi	12140J
2300-2400	Mandarin	12120-SDA	1530-1815	English	13590N Su
ISS = Issoudun			1545-1600	English	13590N Mo
JUL = Juelich			1545-1600	English	13590N Sa
MDC = Madagascar			1545-1600	English	13590N We
MEY = Meyerton			1545-1615	English	13590N Th
MOS = Moosbrunn			1545-1615	English	13590N Fr
NAU = Nauen			1545-1620	English	13590N Tu
SDA = Agat			1545-1700	Arabic	9430J Mo
TAI = Taipei			1545-1700	Arabic	9430J We
WER = Wertachtal			1600-1615	En/music	13590N Sa
(Via AWR Frequency Management/Gupta- INDIA/Cumbre DX)			1600-1630	Oromo	13810J Su/Mo/Th/ Fr
			1600-1800	Amharic	13810J We
			1615-1630	Arabic	9430J Fr
			1615-1630	Hindi	13590N Th
			1615-1730	English	13590N Sa
			1625-1715	Arabic	13580W Tu
			1625-1715	Arabic	13580W Mo/Tu/Th/ Fr
Bible Voice Broadcasting A09 summer:					
0030-0045	Bengali	9815W Sa/Su			13590N Th
0030-0100	English	9490W Sa/Su	1630-1645	English	13590N Th
0030-0100	Hindi	9490W Mo-Fr	1630-1700	Amharic	13810J Mo/Tu/Fr
0430-0500	Amharic	11635W Sa/Su	1630-1700	Nuer	15495J
0430-0500	Arabic	11865W Mo-Th	1630-1800	Amharic	13810J Su/Th/Sa
0430-0545	Arabic	11865W Fr	1700-1715	Hebrew/En	13590N Tu
0700-0730	English	5945W Su	1700-1730	Dinka	15495J
0700-0815	English	5945W Sa	1700-1730	Tigrinya	13810J Su/Tu/Fr
0745-0800	English	5945W Su	1700-1800	English	9430W Sa
0900-1000	Arabic	17535W Fr	1715-1800	Hebrew	13590N Tu
1015-1045	English	5910P Su	1730-1745	Bahausa	13590N Sa
1045-1100	Japanese	5910P Su	1730-1800	Amharic	13810J Su/Tu/Fr
1100-1130	Ja/music	5910P Su	1730-1800	English	13590N Fr
1115-1130	English	5945K Mo-Fr	1730-1800	English	9430W Su
1115-1145	English	5945K Su	1745-1830	English	13590N Sa
1115-1200	English	5945K Sa	1800-1815	English	11970J Sa
1130-1145	Japanese	5910P Su	1800-1815	Ukrainian	6130W Th
1130-1215	Mandarin	5945K Mo-Fr	1800-1830	English	9430W Sa
1145-1200	En/Music	5945K Su	1800-1830	Farsi	11970J Mo/We/Fr
1200-1230	Cantonese	5945K Su/Fr/Sa	1800-1830	Russian	6130W Tu
1200-1230	Uyghur	15610N Mo-Fr	1800-1830	Russian	6130W Fr
1215-1230	Cantonese	5945K Mo-Th	1800-1830	Somali	13810J Su/Fr/Sa
1230-1245	Vietnamese	5945K	1800-1830	Spanish	9435J Su
1400-1415	Bengali	7485T Th	1800-1830	English	6130W Sa
1400-1415	Dzongkha	7485T Fr	1800-1845	English	9430W Su
1400-1500	English	15680I Sa	1800-1900	English	6130W Su
1400-1515	English	15680I Su	1800-1900	Farsi	11970J Tu/Th
1415-1430	Nepali	7485T Th	1815-1830	Russian	6130W Mo
1415-1500	Hindi	7485T Fr	1815-1830	Russian	6130W We
1500-1515	Tamil	15295N Th	1815-1845	Russian	6130W Th
1500-1530	Bengali	15295N Su	1830-1845	Swahili	11830W Su
1500-1530	Bengali	15295N Fr	1830-1900	Amharic	13810J Su/Fr
1500-1530	English	15295N Sa	1830-1900	English	9430W Fr
1500-1600	Urdu	15680J Tu	1830-1900	Farsi	11970J Su
1515-1530	Punjabi	15680J Fr	1845-2000	English	11830W Su
1515-1530	Telegu	15295N	1930-1945	French	11830W Sa
1515-1530	Urdu	15680J Th			

1945-2000 Adja 11830W Sa
 1945-2015 English 11830W Mo-Fr
 2000-2100 Korean 7410W Su

I-Issoudun

J=Juelich

K=Khabarovsk

N=Nauen

P=P. Kamchatsky

T=Tashkent

W=Wertachtal

Internet listening at www.biblevoice.org

(Gupta-INDIA/Cumbre DX)

Trans World Radio, Europe B09:

0545-0600 Polish 5915 7355
 0600-0615 Czech 5915 7355 Mo/Tu/
 Th/Fr
 0645-0750 English 9800 Su
 0700-0750 English 9800 Mo-Fr
 0715-0750 English 9800 Sa
 0757-0827 Serbian 9430 Sa
 0830-0900 Hungarian 7210
 1000-1030 Romanian 9440 Sa

Trans World Radio, Wertachtal, Germany

1400-1430 Belorussian 7220 Mo
 1400-1500 Russian 7220 Tu-Sa
 1430-1500 Russian 7220 Mo
 1529-1559 Armenian 9440 Mo-Fr
 1529-1559 Rumanian 9440 Sa
 1630-1700 Farsi 9505

Trans World Radio, Nauen, Germany

0645-0750 English 6105 Su
 0700-0750 English 6105 Mo-Fr
 0715-0750 English 6105 Sa

Trans World Radio, Moosbrunn, Austria

1400-1430 Belorussian 9725 Mo
 1400-1500 Russian 9725 Tu-Su
 1430-1500 Russian 9725 Mo
 1529-1558 Armenian 11695 Mo-Fr
 1630-1700 Farsi 11995

TWR-Europe, Vienna Office

Frequency Coordination

Postfach 141

A-1235 Vienna AUSTRIA

Telephone:+43-1-863-12-0

Fax:+43-1-863-12-20, or +43-1-862-12-57

<http://www.twr.org>

Trans World Radio, India B09:

0000-0015 Bengali 12085-NVS Mo-Fr
 0000-0015 Dzonka 12085-NVS Sa
 0000-0045 Hindi 12085-NVS Su
 0015-0030 Nepali 12085-NVS Sa
 0015-0045 Bhojpuri 12085-NVS
 1230-1245 Dhodiya 9415-IRK Tu/We
 1230-1245 Maithili 9415-IRK Th/Fr
 1230-1245 Santhali 9415-IRK Sa
 1245-1300 Kui 9415-IRK Sa
 1245-1315 Urdu 9415-IRK Mo-Fr
 1300-1315 Garhwali 11930-NVS Mo-Sa

1300-1315 Ho 9415-IRK Sa
 1300-1315 Kumaoni 9415-IRK Su
 1315-1330 Bengali 9415-IRK Sa
 1315-1330 Dhodiya 9415-IRK Mo/Tu
 1315-1330 Dogra 11930-NVS Mo-Fr
 1315-1330 Marwari 9415-IRK Su
 1315-1330 Mewadi 9415-IRK Th/Fr
 1315-1345 Muslimi 9415-IRK Mo/Tu
 1315-1345 Punjabi 9415-IRK We
 1315-1430 Hindi 11930-NVS Sa/Su
 1330-1345 Bondo 9415-IRK Su
 1330-1345 Dzonka 9415-IRK Th-Sa
 1330-1345 Hindi 11930-NVS Mo
 1330-1345 Maithili 9415-IRK Mo/Tu
 1345-1400 Bundeli 9415-IRK Sa
 1345-1400 Hindi 11930-NVS Tu/We
 1345-1400 Tibetan 11930-NVS Mo
 1345-1415 Bundeli 9415-IRK Su
 1400-1415 Brajbhasha 11930-NVS Mo/Tu
 1400-1415 Hindi 11930-NVS Th/Fr
 1400-1415 Kashmiri 11930-NVS We
 1400-1415 Oriya 9415-IRK Sa
 1415-1430 Bhojpuri 11930-NVS Mo-Fr
 1415-1430 Kurukh 9415-IRK Th-Sa
 1415-1430 Maghai 9415-IRK Su/Mo
 1415-1430 Mundari 9415-IRK Tu/We
 1430-1445 Hindi 11930-NVS Mo-Fr
 1430-1445 Sadri 9415-IRK Sa/Su
 1430-1500 Punjabi 11930-NVS Sa/Su
 1430-1500 Sindhi 9415-IRK Mo-Fr
 1445-1500 Chodhri 9415-IRK Sa/Su
 1445-1515 Punjabi 11930-NVS Mo-Fr
 1500-1515 Bhili 9415-IRK Sa/Su
 1500-1515 Marwadi 11930-NVS Sa/Su
 1500-1530 Kutchi 9415-IRK Mo-Fr
 1515-1530 Hindi 11930-NVS Mo-Sa
 1515-1530 Mouchi 9415-IRK Sa/Su
 1530-1545 Awadhi 9415-IRK Sa/Su
 1530-1545 Gamith 9415-IRK Mo-We
 1530-1545 Hindi 11930-NVS Mo-Fr
 1530-1545 Vasavi 9415-IRK Th/Fr
 1545-1600 Haryanvi 9415-IRK Su
 1545-1600 Hindi 9415-IRK Sa
 1545-1600 Urdu 9415-IRK Mo-Fr
 1600-1615 Pashto 11955-SAM
 1600-1630 Urdu 9415-IRK Sa/Su
 1615-1630 Dari 11955 Su
 1615-1630 Pashto 11955-SAM Mo-Fr

(Gupta-INDIA/Cumbre DX)

Pirate Radio Report

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

Hi and welcome to the **April Fool's Edition** of the Pirate Radio Report.

Well this year's Winterfest has come and gone and it seems all had a good time.

There were two pirate forums this year. The first one, on European Pirate Radio was hosted by Andy Walker and Steve Underground, both of Radio Free London and WNKR fame.

George Zeller hosted the second pirate forum along with myself, Greg Majewski and Larry Will.

Reporters needed. In order to make this column both informative and worthwhile to our members, we need your contributions. This month, for some reason, we lacked the usual number of reporters. Also, if you have a pirate station that you are operating, I encourage you to send in a short write up on your operation. It doesn't have to be anything fancy, just tell us a bit about your equipment and any information on the station's format or point of view.

Many thanks to this month's reporters: Dave Turnick-PA and George Zeller-OH

On To The Loggings:

Ann Hofer Live, 6925 USB, was heard from 2139 to 2152 UTC on March 22nd. Ann was playing her guitar and singing her favorite tunes by The Cranberries and Abba. Greetings were sent out to those listening in. [Lobdell-MA]

Dead Cat Radio, noted during the last part of the show on 6925 kHz USB mode at 0140 to 0159 UTC on March 22nd. A man including sounds of a cat meowing played rock music with IDs. [Lobdell-MA]

MAC, was noted on 6925 USB from 1749 sign on until 1804 sign off on March 7th. Different format than usual on this sta-

tion. Various recorded Paul Harvey news segments, and then an old CBS radio news at the end. No music. Gave macshortwave@yahoo.com for reports. This could have been last week's similar show that some listed as unid. [Zeller-OH]

Random Radio. Host Rob McRandom was noted signing on at 0200 UTC on 6925 kHz USB on March 22nd. Multi lingual IDs with piano music. Announcer said the pre-recorded program called "Mysto-O-Mutt" was dedicated to Orbie of the Free Radio Network's Grapevine fame. Donavan's Hurdy Gurdy Man was played. [Lobdell-MA]

Voice Of KAOS was logged on February 28th at 0420 UTC on 6925 kHz. Music was heard along with an email address as voiceofkaos@yahoo.com [Turnick-PA]

Voice Of Pancho Villa, *The Annual Winterfest Tradition* was noted on 6925 AM from 0400 sign on to 0407 sign off on March 18th. Pancho's annual broadcast from the Fest went out as usual on numerous parallel frequencies. Mention of the death of Tom Knieta. Pancho goes to the White House. Sarah Palin to be named ambassador to Equatorial Guinea. Glenn Hauser to open a station there, with assistance from Larry Van Horn. Palin to get a new wardrobe to handle the duties in Equatorial Guinea, where she will be able to see Russia from the Embassy. Also some remarks de Hugo Chavez about all of these amazing developments. [Zeller-Kulpsville-PA]

WQAAZ, An Apparent New Station, was logged on 6925 kHz USB from 2334 sign on until 2346 sign off on March 18th. Program of rock music and parody ads w/several IDs by a male. Gave an e-mail address that appeared to be wqaz@mail.com, but I am not 100% certain of the accuracy of that e-mail address. [Zeller-OH]

Happy Pirate DX!



QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

Dear Friend,

Thank you for letting us know that you received our transmission.

We confirm that you heard us on:

Date: 20K February 2007

Time: 16:53 - 17:15 UTC

Frequency: 13.650 MHz

Transmitter: 418 P. CONTINENTAL

We really appreciate your interest and look forward to hearing from you again.

More information about us can be found at:

<http://www.christian-vision.org>



Richard D'Angelo
2216 Buxley Drive
Ngemessung, PA 17610
US A

Radio Christian Voice (Zambia) Ltd

Private Bag 1000 Lusaka, Zambia

included 3 IRCs at that time. RAE has historically requested a snail mail rpt. w/ 3 IRCs. Since this is a returning station, we should also consider sending a "welcome back" to englishrae@radionacional.gov.ar as we hear them (Tilford-IL)...Good idea!..Sam.

AUSTRIA: Trans World Radio 11995 via Moosbrunn f/d cd. in 1½ mos. (Field-MI).

STATION NOTES: Bhutan Broadcasting Service 6035

Email: dwangk@bbs.com.bt. v/s Dorij Wangchuk, Head Transmission Engineer. **Radio Vatican 9610** via **Sackville** Addr: Ufficio Promozione, 00120 Città del Vaticano, The Vatican. **Voice of Turkey 7325** via **Sackville** Email: sedef.somaltin@trt.net.tr **Democratic Voice of Burma 15480** via Kamo Addr: DVB, P.O. Box 6750, St. Olavs Plass, N-0130 Oslo, Norway. v/s Khin Maung Win, Deputy Director...via PLAY DX...Sam.

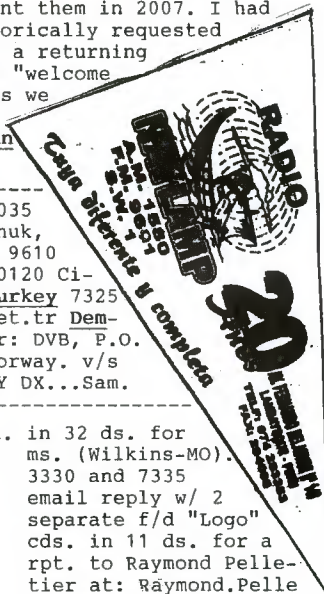
CANADA: CHU 7850 f/d "Sir Sanford Fleming" cd. in 32 ds. for ms. (Wilkins-MO).

3330 and 7335 email reply w/ 2 separate f/d "Logo" cds. in 11 ds. for a rpt. to Raymond Peltier at: Raymond.Peltier@nrc-cnrc.gc.ca Also included was a booklet about the CHU operations. (D'Angelo). **Radio Canada International 6190** via **Sackville** f/d "One World, One Dream" cd. w/ personal note and schedule in 1 mo. (Field-MI). **Radio Austria International 13675** via **Sackville**



ALASKA: KNLS The New Life Station 6150 and 6195 (although I reported 6915) f/d cd. w/ a short personal ltr. from Paul Ladd, Director of Listener Response who hails from nearby West Chester, PA. Also rcvd. broadcast schedule, station brochure, logo refrigerator magnet and a cloth pennant in 38 ds. (D'Angelo-PA).

ARGENTINA: Radiodifusion Argentina al Exterior 11710 very nice QSL cd. w/ an even nicer ltr. of apology for their delay for a rpt. I sent them in 2007. I had



Pirate Radio Boston

verification card # 28-05

Dear: Rich "Mr. NASWA" D'Angelo - PA

We at PRB are pleased to confirm that

you heard us on 27 AUGUST 2005

at 0033 UTC UTC on 6925 KHZ

in the AM mode with 200 watts.

Relay Station:

WHYP, THE JAMES BROWNARD MEMORIAL STATION

Thanks For Writing!

Charles Quincy Loudenboomer, CE

Mesopotamia 11530 ltr. rcvd. telling me that I hadn't received the station at the time I reported; however, the schedule they sent me stated that they were operating at that time (?) (Field-MI)...Strange

COLOMBIA: Radio Marfil Estereo 5910 via Puerto Lieras email QSL in 40

* minutes for an EG rpt.
v/s Rafael Rodriguez.
Email: rafaelcoldx@yahoo.com
My initial report was sent to: Mr. Rafael Rodriguez R., QSL Manager, La Voz de Tu Conciencia, A/C Colombia Para Cristo, Calle 44 No. 13-67 Bogota, DC, Colombia which was returned as "No Existing Number" by the local postal service. The v/s

STATION NOTES: Radio Verdad

4052.5 Addr: Apartado 5, 20901 Chiquimula, Guatemala v/s Edgar Amilcar Madrid, Director and Manager.

Finnhitts Radio 6300 Addr: PB 85, NL-9410 AB Beilën, Netherland.


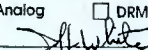
Free Radio Service Holland 6220 via Mystery Radio P.O. Box 2702, NL-6049 ZG Herten, Netherland...via PLAY DX...Sam.

confirmed the station address as: La Voz de Tu Conciencia, Colombia para Cristo, Calle 44 No. 13-67, Local 1, Barrio Palemo, (pr Apartado Aereo 67751), Santa Fe de Bogota. (Wood-TN). Joe says that this is his first QSL for 2009 and makes C/V # 84. The only active South American targets left are Paraguay and Uruguay. He can't count the number of reports he has sent to Radio Nacional de Paraguay over the years with no reply. He also adds she has never seen anything out of Uruguay. Hope springs eternal.

f/d cd. in 32 ds.(Tilley-WA).

BANGLADESH: Bangladesh Betar 4750 f/d ltr. in 3 mos. for a taped rpt. and \$2.00. v/s Mahesh Chandra Roy, Senior Engineer. (Smith)...Sorry out of order..Sam.
CHILE: CVC International 11970 f/d "Facilities" cd. in 60 ds. for \$1.00 and an EG rpt. (Purdum-MI)
CHINA, PEOPLES REPUBLIC OF: Sichuan People's Broadcasting Station 6060 f/d cd. via Beijing in 24 ds. (Paszkiwicz-WI).

CLANDESTINE (Uzbekistan): Voice of

National Association of NASB Shortwave Broadcasters		PM 30 SEP 2005	
This QSL confirms your report of the Voice of the NASB			
Date (UTC):	18 April 2009		
Time (UTC):	0230-0300		
Freq. (kHz):	7385		
Via:	WRMI		
<input checked="" type="checkbox"/> Analog	<input type="checkbox"/> DRM/Digital		
By:			
National Association of Shortwave Broadcasters 10400 NW 2409th St - Ocoee, FL 34072 - USA			

Richard A. D'Angelo
2216 Burkey Drive
Wyomissing, PA 19610



----- Message from "Brodowsky, Walter" <Walter.Brodowsky@systems.com> on Wed, 26 Oct 2005 13:32:27 +0200 -----

To: rdangelo3@aol.com

Subject: AW: Reception Report: Save the Gambia Project via Julich, Germany

Dear Sir,

Thank you very much for your kind reception report which we confirm and which is attached to this email. You did listen to a transmission of Radio Miami International (RMI) which was broadcasted towards Gambia by using a 100 KW transmitter from Short-wave Radio Station Julich. Your reception report is highly appreciated and we forwarded it to our Customer, too. We would like to thank you for your efforts in this matter.

Your future reception reports also would be highly appreciated. Please feel free to send them to us and we will forward them to our Customers, too.

With kindest regards

Yours sincerely

Walter Brodowsky, Account Manager for short-wave broadcast, T-Systems International, Media&Broadcast

=====

Reception Report

Richard A. D'Angelo
2216 Burkey Drive
Wyomissing, PA 19610
U.S.A.
Rdangelo3@aol.com
rdangelo@gpu.com

2 October 2005



DIRECTORATE GENERAL
ALL INDIA RADIO
A.V. Bhavan, Sansad Marg
New Delhi - 110001, INDIA

No. 3/1/2005 EIII/1144 Dated 28-6-2005

Dear Sir/Madam,

We gratefully acknowledge and confirm your Reception Report.

Date: 12-4-2005 Frequency: 9470 kHz
21270 kHz
Time: 11.36 To Station: A. Kishore & Chennai
1229 UTC

Yours faithfully,

(Signature)
Director (Spectrum Management & Strategy)

E-mail: spectrummanager@air.org.in

सुब्रह्मण्यम्, कोणार्क
Surya, Sun Temple, Konark

BY AIR MAIL

SHRI SAMUEL BARTO
78 BLAKEMAN ROAD
THOMASTON, CT
06787
U.S.A

CYPRUS: Cyprus Broadcasting Corporation 6180 f/d cd. "Buildings / Antenna" in 30 ds. for ms. (Wilkins-MO).

CZECH REPUBLIC: Radio

Prague 6200 p/d
"Steam Train" cd. in 22 ds. for an EG rpt. (Tilley-WA). 5930 f/d "Soccer Player, Pavel Nedved" cd. in 23 ds. w/ schedule, greeting cd. and a pocket calendar. (Brouillette-IL).

ECUADOR: HCJB 6050 f/d "Green Violet-ear Hummingbird" cd. in 56 ds. for a SP rpt. and \$1.00. v/s Douglas Weber, Director de Radio. (Brouillette-IL).

ENGLAND: Radio Netherlands 3955 via Skelton in 2 wks. The site was included on the cd. (Field-MI).

ERITREA: Radio Bana 5100 the station signed and stamped my prepared cd. in 45 ds. My QSL went to Reijo Alapiha in Joensuu, Finland who contacted me via email before forwarding my cd. He asked me if I rcvd. his cd. I hadn't but 3 ds. later a Radio Bana envelope arrived w/ his f/d station cd. He sent me my cd. and I sent him his. Although I was glad to get the prepared cd back, I would have liked the modest station card too! (D'Angelo-PA).

ETHIOPIA: Radio Fana 7210 f/d cd. for an EG rpt., \$1.00, 1 IRC, applause cd.

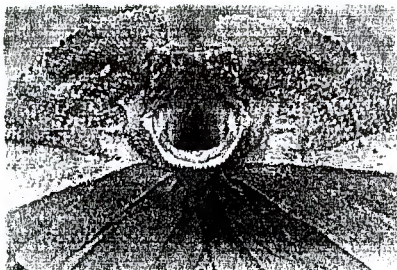
STATION NOTES: Voice of Oromia Independence 15650 v/s Jeff White, QSL Manager. Email: info@wrmi.net **HRT Voice of Croatia 6165** v/s Zlatko Kuretic, Chief Engineer. Addr: Prisavije 3, 10000 Zagreb. Email: glas.hrvatske@hrt.hr **WBR: //www.hrt.hr/hr/ghashrvatske/gh.php Voice of Croatia 3985** via **Deanovec** Email: lavozdecroacia@hrt.hr **Radio Nacional de Venezuela - Canal Internacional 11670** v/s Freddy R. Santos Email: canalinternacionalrnv@gmail.com or fredd



program guide



ysaac@hotmail.com
Addr: Finall calle Las Marias, Entre Chapellin y Country, La Florida, Caracas, Zona Postal 1050, Apartado Postal 507 00, Venezuela.... via PLAY DX...Sam.



Welcome to HCJB World Radio Australia

Frilled Neck Lizard
These creatures stand on their rear legs and run very fast.

We wish to thank you for your reception report and hereby acknowledge it with this verification.

To: Scott R. Barbour Jr.

Date	Time/UTC	Frequency kHz
17 July 2004	1229 - 1250	15435

VERIFICATION CARD

Thank you very much for your reception report on our broadcast.
The information given is in accordance with our schedule.
We hope you will continue to enjoy our programmes and send us your thoughts about them.

受信報告ありがとうございます。内容はラジオ日本の放送と合致しております。これからも番組についてのご感想をお寄せください。

NHK WORLD RADIO JAPAN

NHK TOKYO 150-8001, JAPAN

田原 稔 (岡山県田原市)
Rice Planting (Soja City, Okayama Prefecture)

Mr. SCOTT R. BARBOUR JR

We are pleased to confirm that the station you heard is Radio Japan.

The details are as follows:

Date : 25 June, 2002
Time : 03:12 ~ 03:27 (UTC)
Frequency : 17825 kHz
Transmitter site : Yamata
Service : English

We wish you very good reception conditions.

China
I. OIWA

and a local postcard. v/s Woldu Yemessel. Addr: PO Box 30702, Addis Ababa. (Wood-TN)....Joe says that he rcvd. this QSL on Saint Patrick's Day. He was laid off in January and just got two job offers. Overall it was a very good day! **Radio Ethiopia** 9705 f/d blue "Antenna/Logo" cd. in 57 ds. via registered mail for used stamps. v/s Melesse Edea Beyi, Foreign Languages Programmes Department Head. (Brouillette-IL).

FRENCH GUIANA: Voice of Russia
* 7335 p/d cd. in 74ds. (Tilley)
LiWaes Fresco" cd. in 33 ds.

GREECE: Voice of Greece 9420 p/d "Prince of Athens." (Tilley-WA). Also rcvd. map of Athens.

MALAGASY REPUBLIC: Radio Nederlands 11655 f/d cd. in 26 ds. (Tilley-WA).

NIGERIA: Voice of Nigeria 15120 via **Ikorodu** p/d "Zuma Rock Mountain" cd. w/ schedule in 125 ds. for \$2.00 and a local post card. v/s Ayedeké Suleimun, Director of Programming. Addr: Voice of Nigeria, 6th and 7th Floor, Radio House, Garki, Abuja, Nigeria. (Wood-TN). Joe says that he is very pleased with this QSL. He has listened to VON for more than 15 years. He just hopes that he doesn't start getting investment offers...Sam.

127 127
580 1510
5035 2002
2696

LORENA
#200555
MFD2292
BRASIL comcast

Salto Stamp Estampilha

Scott R. Barbour Jr
P.O. Box 893
INTERVAL - NH
03845 - U.S.A.

RADIO CANÇÃO NOVA
"ALEM FRONTEIRAS"
Pedro Roberto
Eduardo Moura

IMPRESSO

MOLDOVA (Pridnestrovye): Radio PMR 6240 f/d photocopied QSL sheet w/ verie info.,

STATION NOTES: China Radio International 7335 Email: spa@cri.com.cn **Xinjiang People Broadcasting Station** Addr: 84 Tuanjie Road, Urumqi, Xinjiang 830000. **Radio Democracy Shorayee** 12120 Email

www.radioshora.org/ **Radio Republica** 5910 Addr: Directorio Democratico Cubano, P.O. Box 110235, Hialeah, FL 33011 WEB: //www.radiorepublica.org/ Email: info@radiorepublica.org **Radio Waaberi** 17660 v/s Ali Gulaid Email: alimarshal@yahoo.com WEB: //www.radiowaaberi.org Addr: 5529 Walnut Blossom Drive #5, San Jose, CA 95123...via PLAY DX...Sam.

photos and schedule on one side and a national map in Russian on the other side w/ station seal and a note apologizing for the delay in 136

RADIO RUSSIA
5th Yamskogo Polia St 19/21
Moscow 125040 Russia

Dear George W. Glotz Bach !

We are pleased to confirm your reception report dated 10.12.2000 on the frequency of 17600; 12005 kHz at 14.22-14.32; 14.38-14.40 GMT.
Thank you for listening to our programmes!
Best wishes from Moscow!

ds. v/s Vlad Butuk (ER2GF) Engineer of Technical Services. (Brouillette-IL).

PERU: Radio Cultural Amauta
* 4955 n/d email reply in 50 ds. from v/s Samuel Montes S., Administrador at:

DEPARTMENT OF DEFENSE CA 924

NMC DET AFRTS-DMC
23755 Z St, Bldg. 2730
Riverside CA 92518-2017

26 SEP 2006



049 82023045

\$00.300

09/26/2006

Mailed From 92518

US POSTAGE

OFFICIAL BUSINESS

Dear Ron Howard

This confirms your reception of the American Forces
Radio and Television Service Short-wave signal.

Original Station DIEGO GARRIA
Frequency 4319 kHz
Date 8 JANUARY 2006
Time 0655-0110

We thank you for your interest and confirmation of our
signal's quality.

Sincerely,

Ron Howard
1581 Hoffman Ave.
Monterey, CA

93940-1624

radioamauta@hotmail.com This was for a new report after many past efforts went unanswered. Very pleased to finally close this one out. (D'Angelo-PA).

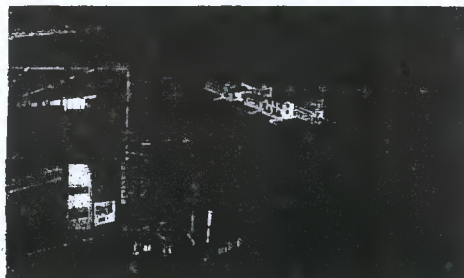
PHILIPPINES: Far East Broadcasting Company
5990 f/d "A Filipino Kalesa" cd. w/ a personal ltr. indicating the program I heard was "Lu Mien Program" from

Thailand in 32 ds. from v/s Mrs. Menchie Marcos, QSL Secretary. I rcvd. a receipt for my \$1.00 return postage. (D'Angelo-PA).

ROMANIA: Radio Romania international 6115 f/d "Chrysanthemum" cd. in 97

STATION NOTES: Gospel For Asia 9765 Addr: 1800 Golden Trail Court, Carrollton, TX 75010 HCJB 3955 via Julich Email: german@hcjb.org.ec
Hrvatski Radio 9925 via Nauen v/s Zlatko Kuretic, Chief Engineer.
Addr: Prisavije 3, HR-10000 Zagreb, Croatia. WEB: www.hrt.hr/hr/gl

ashrvatske/gh.php Brother Stair - Overcomer
6175 via Nauen WEB: www.overcomerministry.org/
Email: BrotherStair@OvercomerMinistry.org
Addr: P.O. Box 691, Walterboro, SC 29488...
via PLAY DX...Sam.



OLYMPIA-RADIO

SVO



C/S OLYMPIA RADIO/SVO
153 42 AGIA PARASKEVI
ATHENS
GREECE

QTH: 37 36' 11,7" N
21 29' 11" E

THIS CARD CONFIRMS THE RECEPTION BY: Mr. Richard D' Angelo

DATE 14-03-2007 TIME UTC 00:00-01:05
FREQUENCY 5.865 KHz. MODE AM
CALL SIGN ERA POWER 10KW
Tx MODEL MARCONI ANTENNA LP TCI 5708

ds. (Brouillette-IL).

SLOVAKIA: Slovak Radio International 7230 f/d "Zehra Church" cd. in 70 ds. (Purdum-MI). European Gospel Radio / Italian Radio Relay Service 7290 my email rpt. was verified in 11 ds. w/ an email reply from v/s Alfredo mentioning to me that a QSL cd. was being sent from Milano. (D'Angelo-PA)

I'M going to end it here. Just a couple of reports left and we can do them next month. Best of QSLing.

Contributors' Page

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

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA	TenTec RX-340 AOR AR-7030 100' LW
Scott BARBOUR, Intervale, NH	R8, R-75, MLB-1, 200' Beverage
Bruce BARKER, Broomall, PA	NRD-535D, Alpha Delta Sloper
Ross COMEAU, Andover, MA	R8, 60' LW
Rich D'ANGELO, Wyomissing, PA	TenTec R340, Lowe HF-150, DX Sloper
Mickey DELMAGE, Sherwood Park, AB	Icom R71A
Gerry DEXTER, Lake Geneva, WI	NRD-515, NRD-545, etón E1
Jim EVANS, Germantown, TN	RX340, Drake R8B, 30 m wire
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
Ron HOWARD, Monterey, CA	NRD545, LW 160', etón E5
Don JENSEN, Kenosha, WI	NRD-545, E1x, Alpha Delta Ultra
Alan JOHNSON, Reno, NV	AOR7030+, RX-340, 90/60, 220' B&W ASW-90
William McGUIRE, Cheverly, MD	DX-380
Richard PARKER, Pennsburg, PA	Collins 51S-1, 51-X, R390A, SE3, ant. farm
Sheryl PASZKIEWICZ, Manitowoc, WI	NRD515, Eavesdropper
Jim RONDA, Tulsa, OK	NRD-545, R75, etón E1, Eavesdropper
Mark SCHIEFELBEIN, Springfield, MO	Eton E1, 1000' East Beverage
Giovanni SERRA, Rome, ITALY	NRD-525 AD Sloper
Phil STEMPLE, Folsom, CA	AOR AR-7030 95' loop
Jerry STRAWMAN, Des Moines, IA	R-8, 313e, 60 mtr dipole, mini whip
Mark TAYLOR, Madison, WI	R-75, Sat 800, G313E, E1
David TURNICK, Reading, PA	NRD-545, 2010, Alpha Delta sloper
Joe WOOD, Gray, TN	DX-390, Grundig Mini 100 PE, whip antenna

For those of you using postal mail, please send logs to the following address:

Robert E. Montgomery
86 Pumpkin Hill Rd
Levittown, PA 19056

Thank you



FOR SALE: JRC NRD-535D Receiver \$800, Alpha Delta VRC Variable Response Console external speaker/audio filter \$150 and Kiwa MW Loop \$350. Prices do not include shipping. Contact: Joanne Constanti, 3577 Hwy T, Rosebud, Mo. 63091; Home: 573-437-6569 Cell: 573-552-6540, nojo46@hotmail.com.

Tropical Band Loggings

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

- 2310 **AUSTRALIA VL8A** Alice Springs 1330 ABC nx by W; fair but fading; //2325 weaker as w //2485; 2/22. (Strawman-IA) 1204-1215 Pop mx w/ EE talk by W ancr; poor w/ fading but better than usual threshold lvl; //2325 also noted; slightly weaker; //2485 barely there; in & out of noise; 2/25. (Evans-TN) 1243 M & W discussion about reading; S8 on peaks; //2325-S4; //2485-S3; 3/11. (Strawman-IA) 1257 All three VL8 stns were in on 120m; but this time 2310 was strongest; 2485 next & 2325 weakest; M & W discussion in Strine thru ToH; then C & W song; nothing much on 90 or 105m at this time; but one should still check the lowest band; sounded like same people on RA-9580, 9590 & 9560 at 1327; discussion of Angel Flight; free medevax from the Outback & coordinating w/ 4WD ground transportation; then "Don't Fence Me In" sung; 3/14. (Hauser-OK)
- 2325 **AUSTRALIA VL8T** Tennant Creek 1120 Pop mx & W ancr in EE; poor-weak; not much to work the though to note //2485; also weak; 2/17. (Barbour-NH) 1124 The strongest sig of the NT three; 3/3. (Wilkner-FL) 1228 The VL8 stn usually best here is 2485; but I found 2325 the only one audible with modulation; Strine talk & song; 1230 ABC ID & nx theme EE nx starting w/ an item about Queensland; S9+12 on 2325 amid T-storm crashes; carriers detectable on 2485 & 2310; 3/13. (Hauser-OK)
- 2485 **AUSTRALIA VL8K** Katherine 1241 Conversation in EE re PNG politics; only 120m Aussie I heard this week; f-p; 3/3. (Ronda-OK) 1333 Despite not hearing anything on 90 or 105m; since I was getting Indonesia on 60 & 75m; I tried 120 & there it was; VL8K Katherine NT w/ W nx in Strine; peaking S9+8; could also detect carriers on 2310; slightly stronger than 2325; this was 35 minutes after lcl sunrise; just for kix; I tuned to the other end of the dial at 1335 & found 16m also propagating; w/ BBCWS EE-Ascension on 17830 & DW Hausa-Rwanda on 17800; not a bad spread; 15+ MHz; 3/4. (Hauser-OK) 1240 Pair of ancrs doing cricket play-by-play; sounded even less interesting than most baseball radio play-by-play; VL8K was the best of the three; VL8A/VL8T weaker & covered by some sort of new lcl QRN not noted on previous visits; good; 3/6. (Schieffelbein-MO)
- 2850 **NORTH KOREA KCBS** Pyongyang 1306 After getting Indonesia on 3325 I had to see what else was incoming on even lower freqs; nothing on 120m from Australia or N. Korea but KCBS P'yongyang was audible on 2850 w/ KK talk at 1306; 3/12. (Hauser-OK) 1231 Strident KK talk; roughly equivalent sig to OZ-2325; so checked 2350 for KN but nothing audible; at 1233 weak mx on 3250; carrier on 3480; also presumably from the peninsula; 3/13. (Hauser-OK)
- 3145 **USA WWRB** Morrison 0734 Always full of surprises; bandscanning 90m I found Brother Scare on BOTH 3145 & 3185; slightly louder if not stronger on the latter; 3145 had been running only at 0200-0500; at the moment he was prophesying that your TV would be watching you; in the near future if not in 1984y; listened only for a moment; so not sure if he also got into the current silly "your set-top-box is watching you" scare; 3/4. (Hauser-OK)[good grief!-ed.]
- 3199.4S **USA WWCN** Nashville 0818 "Rock the Universe" w/ very nice Do Wop; ad for external active antenna; "Rock the Universe on WWCN, Nashville Tennessee, USA"; more Do Wop; barely readable; fundamental 3215-v. good; 3230.6-weak but readable; 3/7. (Taylor-WI)
- 3200 **SWAZILAND TWR** Manzini 0402-0430* W ancr w/ GG talk followed by choir vcls; M began preaching at 0406; fair but //4775 was good; 2/27. (D'Angelo-PA)
- 3219.86 **NORTH KOREA KCBS** Pyongyang 1239-1243 Tnx to a tip from D. Valko; heard this 5 kW; per Aoki; stn in KK; almost fair; //9665.05; 3/9. (Howard-CA)[great catch-ed.]
- 3220 **ECUADOR HCJB** Pifo 1000 ID as "Radio HCJB"; remains strong; 3/3. (Wilkner-FL)
- 3235 **PNG-NEW BRITAIN R. West New Britain** Kimbe 1220-1230 M ancr in Tok Pisin; NA at s/off; poor; 2/20. (Taylor-WI) 1239-1246 Pop mx followed at 1246 by M ancr in Tok Pisin; poor; improving over time; 2/25. (Evans-TN) 1315 EZL/oldies type tunes; one of the better sigs on a predictably poor showing from PNG; other PNG freqs noted in a quick bandscan around 1320 UTC: 3325, 3335, 3345 & 3385; marred by several utes; 3325 & 3345 were too weak to determine for sure whether they were PNGs or Indos; all poor; 3/6. (Schieffelbein-MO)
- 3240 **SWAZILAND TWR** Manzini 0330 Concluding prg in Shona & into Ndaun prg; fair; 2/24. (Ronda-OK)
- 3250 **HONDURAS R. Luz y Vida** San Luis 1110-1115 M & W ancrs in SS; 35dB sig; good; 1/18. (Parker-PA) 1113-1140 SS relg prgming; fair; 2/23. (Turnick-PA) 0322 M ancr in SS; into songs at 0325; poor; caught ID at fair lvl at 1212; 2/24. (Ronda-OK) 1135 EE sermon being delivered

- w/ breaks for translation in SS; on later re-check around 1200 heard an apparent string of ancments; one w/ ringing phone FX & a couple of "Radio Luz y Vida" IDs mixed in; f-g; 3/6. (Schiefelbein-MO)3250.05 0101 Extended talk by W anc; T-storm static crashes made copy difficult; p-f; 3/9. (Strawman-IA)
- 3255 **SOUTH AFRICA BBC** Meyerton 0427 Prg of EE contemporary pop mx; ID in passing at 0429; end of prg; full ID; prgmg features coming up; headlines; fair; 2/20. (Taylor-WI) 0401-0427 Nx in EE by W anc; ID & TC at 0406 followed by prg previews; invitation for listeners to text message & prg w/ short features about Uganda & Nigeria; nx headlines at 0417; fair; 2/22. (D'Angelo-PA) 0356-0405 EE cmntary re gov't subsidies; BBC promos; rooster crowing & "BBC...?..Africa" at ToH; headlines re Africa; world nx; fair; 3/1. (Barbour-NH)
- 3255 **SOUTH AFRICA BBC** Meyerton 0317 EE rpt on Gitmo detainees; p-f; good at 0413 recheck; 2/24. (Ronda-OK)
- 3275 **PNG-NEW GUINEA TERRITORY R. Southern Highlands** Mendi 1240 (P); Pop mx occasionally heard at threshold lvl; 2/25. (Evans-TN)[nice catch-ed.]
- 3279.9 **ECUADOR LV del Napo** 1125 (P); Contemporary-sounding SS tunes & occ. bass-heavy ancments by M anc; f-p; 3/6. (Schiefelbein-MO)
- 3280 **CHINA V. of Pujiang** Shanghai 1246 What sounded like either an upbeat roundtable dialogue in CC or discussion b/w several people; distinctive 5+1 time pips & (P) nx at 1300; weak; poor; 3/6. (Schiefelbein-MO)
- 3309.98 **BOLIVIA R. Mosoj Chaski** Cochabamba 1045 Noted here w/ lcl mx; 3/3. (Wilkner-FL) 2300-2350 Noted here during band scan; 3/5. (Wilkner-FL) 3310 0916-0932 M w/ rustic vcl followed by M & W ancns in Quecha; more rustic vcls; poor; 2/23. (D'Angelo-PA) 0956-1021 Musical morning prg; fair; 2/23. (Turmick-PA) 0028 (T); SS talk & mx; v. poor; 3/13. (Ronda-OK)
- 3320 **SOUTH AFRICA R. Sondergrense** Meyerton 0311 Pop songs in EE; ancments in Afrikaans; fair; 2/24. (Ronda-OK) 0320-0332 W anc w/ grunge mx prg; some nx & into pop mx prg in both Afrikaans & EE mx; "Manic Monday" by the Bangles; good; 3/16. (Wood-TN) [grunge? is that some kind of mildew?-ed.]
- 3325 **INDONESIA RRI Palangkaraya** 1258 Only sig making it on 90m; even CHU having f/out by now; chanting w/ string instrument; 1300 ancment in Indo; not Tok Pisin; so rules out co-ch. PNG on this occasion; I think they mentioned Radio Republik Indonesia; 1302 W singing w/ rustic instrument; rather like Hmong Lao Radio; still at 1320 w/ romantic mx; by when another 90m was audible on 3385; no doubt PNG, q.v.; as the Indo there has not been rpted in a longtime; 3/12. (Hauser-OK)
- 3325 **PNG-BOUGAINVILLE R. Bougainville** Buka 1302-1312* News in EE; PSA giving phone number; pop songs; suddenly off; mixing w/ RRI Palangkaraya; 2/24. (Howard-CA) 1241-1254 (P); PNG style pop mx; poor w/ fading; prg was not // to other PNGs heard this morning; but very similar to mx played on 3385; log is tentative; 2/25. (Evans-TN)
- 3329.53 **PERU Ondas del Huallaga** Huánuco 1045-1100 Same M anc w/ rapid conversation in SS; returned to the air after four days of silence; 3/3. (Wilkner-FL) 2300-2350 Noted here during band scan; 3/5. (Wilkner-FL) 3329.63 0000-0010 The one noted here; 3/10. (Wilkner-FL)
- 3335 **PNG-NEW GUINEA TERRITORY R. East Sepik** Wewak 1240-1310 Popular US/OZ mx w/ W anc; including a short rap piece in Tok Pisin "What kind of love is this?"; 1246 short ancments by W & M ancns; 1305 ID & prg ancment; back to mx prg; off abruptly at 1312; fair; 2/20. (Taylor-WI)
- 3340 **HONDURAS HRMI** Comayaguela 1047 SS ballads & talk thru ToH; no ID noted; poor & rapidly deteriorating; 2/17. (Barbour-NH) 1119 Just like R. Luz y Vida; a preacher giving EE sermon w/ running translation into SS by W anc; fair & improving; 3/6. (Schiefelbein-MO) 0510-0518 Inspirational mx w/ M anc; fair; 3/7. (Wood-TN) 0510-0523 Fast-paced; hip-hop type SS mx; not usually associated w/ this stn; W w/ ID at 0521; fair; 3/16. (Wood-TN)
- 3345 **SOUTH AFRICA Channel Africa** Meyerton 1949-2010 Slow song; W anc in PP; Afropop; M / ancment; IDs & ancments in EE & PP b/w IS from 1958; drums at ToH into EE prg; ancments & IDs; mx prg w/ Afropop & pop w/ ID & some ancments at times; best heard in SSB w/ S9+10 of peak; moderate QSB & rustle; almost fair w/ NIR12 3/2. (Serra-Italy)
- 3375.1 **BRAZIL Unidentified** 1000-1030 M anc in PP; two Brasil stn's listed; no ID; 3/7. (Wilkner-FL)
- 3375.1 **BRAZIL R. Municipal** São Gabriel da Cachoeira 1020 (P); Presumed the one w/ M in PP; Brasil nx, numerous ments. de Brasil but no formal ID; 3/15. (Wilkner-FL)
- 3380 **SOUTH AFRICA BBC** Meyerton 0434-0452 M anc w/ nx & talk in PP; end of nx at 0445 followed by mx bridge; W anc & group vcls; poor but //7205; f-g; 3/4. (D'Angelo-PA)
- 3384.9 **PNG-NEW BRITAIN R. East New Britain** Rabaul 1312 Soft choral mx; brief ancment & into country/western songs in EE; fair; 2/24. (Ronda-OK) 3385 1316-1322 (P); M anc in Tok Pisin talking to another M; (P) dedication or request; US or OZ country mx; 1322 abruptly off mid-song; poor;

- 2/20. (Taylor-WI) 1304 EZL mx w/ longer talks by anc; apparently chatter about local events; abrupt deterioration in sig at 1310; f-p; 2/22. (Taylor-WI) 1326 Seemed to be peaking this time w/ ancments in Tok Pisin into pop mx; faded down quickly; 2/22. (Strawman-IA) 1243-1249 Lcl pop mx in Tok Pisin; poor but improving; the best PNG heard this morning; 2/25. (Evans-TN) 1321 (P); Mx w/ a beat; this was 35 minutes after Enid sunrise; it had not been audible earlier as I was getting 3325-Indonesia, q.v.; 3/12. (Hauser-OK)
- 3396 **ZIMBABWE ZBC** Gweru 0249-0303 Lite Afropops w/ anc in vern. b/w selex's; talk over mx at ToH & (P) nx headlines until 0303; poor-weak; 2/17. (Barbour-NH) 0208-0344 DJ playing mx; usual canned ID at ToH; "...Zimbabwe Broadcasting Corporation, Radio Zimbabwe...shortwave"; long list of cities w/ FM freqs; "On FM, Harare 96 Mhz", etc.; & detailed sked for SW; many TCs; "24 minutes to 6 o'clock"; 2/20 & 22. (Howard-CA) 0402 Mx & cmentaries; poor; 2/20. (Turnick-PA) 0225 M anc in (P) Shona w/ mellow mx; call-in requests or dedications; ID at BoH including EE; 2/21. (Taylor-WI) 0305 EE ID; mellow ballads & Afropop flavored mx w/ brief talk in b/w; f-g; 3/7. (Taylor-WI) 0356-0427 NA-like group singing to 0400; ID by M anc followed by W w/ nx in lcl lang; brief mx at 0420 ending the nx; lively African pop mx; fair; 3/12. (D'Angelo-PA)
- 3339.98 **HONDURAS HRMI** Comayagua 0730-0750 Lively SS mx; SS ID at 0743; some contemporary SS Christian mx; f-g; 3/15. (Alexander-PA)
- 3810 **ECUADOR HD210A** Guayaquil 0250-0253 STFT in SS; pounding in w/ 60dB sig; 1/22. (Parker-PA)
- 3905 **PNG-NEW IRELAND R. New Ireland** Kavieng 1243-1245 Lcl pop mx in Tok Pisin; weak w/ heavy ARO QRM; 2/25. (Evans-TN)
- 3925 **JAPAN Radio Nikkei** Tokyo-Nagara [UTC?-ed.] W anc in JJ over EZL mx; poor; 2/20. (Taylor-WI) 1218 Jazz mx prg; fair; 3/14. (Strawman-IA)
- 3976 **INDONESIA RRI Pontianak** 1244-1250 M w/ Indo talk followed by pop mx; weak in ARO QRM; 2/25. (Evans-TN) 1308 Of the 75m Indos; only hearing Pontianak; W speaking Indo; ham QRM not only SSB but some CW too; not supposed to be on this bandpart; possibly that was a sound effect from RRI itself; strangely enough; 4790 RRI Fak Fa NOT audible this morning at 1311 check; when compatriots were in on 75 & 90m; off the air or strange propagation/MUF?; 3/12. (Hauser-OK)[A few winters ago, Pontianak was a regular here in NH, unlike now-ed.]
- 3985 **CROATIA Hrvatski Radio** Deanovic 0301-0305 Nx in EE; 60dB sig; exc.; 1/14. (Parker-PA) 0227-0233 M anc in Croatian; QRM free w/ 50dB sig; exc.; 1/28. (Parker-PA) 0233 (P); W anc talking at some length; fair; 3/7. (Taylor-WI) 0519-0538 (T); Blues & jazz mx until BoH; nx follwed w/ modern jazz; fair; 3/7. (Wood-TN)
- 3985 **SOUTH KOREA Echo of Hope** 1328 The two 75m clandestines from South-North were audible; 3985-Echo of Hope w/ choral mx; under noise jamming; & at 1331; on 3912-V. of the People w/ KK talk & no jamming audible; 3/4. (Hauser-OK)1307 Same-sounding roar of noise jamming; also on 3912; against the two clandestines out of the South; much weaker than JOZ on 3925; 3/12. (Hauser-OK)
- 3990 **CHINA Xinjiang PBS** Urumqi 0250-0300 (T); Talk by two W anc; brief mx; longer talk by M anc; a minutes worth of brief mx; 0300 off; about 30 seconds after going off; a strong digital sig started; weak but clear; 3/8. (Taylor-WI)
- 3995 **INDONESIA-CELEBES RRI Kendari** 1258 Lcl sunrise today in Enid; but a semi-hour later at 1327 t/in; island mx audible on 3995; not too much QRhaM at the bandedge; 1330 Indo ancment; 1333 back to mx & weakening; no doubt RRI Kendari; 5 kW non-directional per Aoki; at 1344 RRI Fak Fak was still in on 4790 w/ Indo talk vs. CODAR; 3/4. (Hauser-OK) 1336 (P); Pop mx; poor strength but free from HRO QRM; 3/5. (Strawman-IA) 3995.04 1245-1251 (P); M anc in Indo; threshold sig; up & down in noise w/ ARO QRM; 2/25. (Evans-TN)
- 3995 **PORTUGAL BBC** Sines 0603 DRM noise audible tho the DW DRM b/cast via Sines supposedly ends at 0559 as BBC Skelton in analog takes over 3995 at 0600; forgot to turn it off in time?; 3/10. (Hauser-OK)[Akoi lists the confusing name "BBC_DUETSCE WELLE(DRM)" via Skelton in at this time-ed.]
- 4010 **KYRGYZSTAN R. Rossii** Bishkek 0235-0245 (P); In the clear w/ good carrier heard in SSB; but not a trace of audio; 1/28. (Parker-PA)[? I cant find this on any lists I have-ed.]
- 4050 **KYRGYSTAN R. Rossii** Bishkek 1116-1125 M anc in RR w/ slow pops; in the clear w/ dead quiet band condx; long slow fades from 3-15dB but perfectly audible even at their weakest; 1/18. (Parker-PA)[new time? listed 0000-0200-ed.]
- 4319U **DIEGO GARCIA AFN** 2255 V. weak; improving to p-f by 2323; mostly nx features w/ a few mx bumpers; peaked 2330-2335; first time recepx; 2/17. (Strawman-IA)[Congrats!-ed.]
- 4412.70 **LAOS Lao Nat'l Radio** Sam Neua 1224-1233* Choral anthem; Pheng Xat Lao; at s/off; weak; (P) site; 3/8. (Howard-CA) 4412.72v 1206-1232* Talk in vernacular; //6130 till s/off ancment at 1231; choral anthem Pheng Xat Lao; both freqs about equal strength; 6130 continued on; 3/9. (Howard-CA)[Per Ron, Eibi lists via Sam Neua-ed.]

- 4440H **USA WSRC** Fair Bluffs [UTC?-ed] 3rd harmonic of their 1480 txmission w/ old time radio prg, "The Lone Ranger"; 40dB sig; exc.; hasn't been this strong for awhile; 2/14. (Parker-PA)
- 4451.26v **BOLIVIA R. Santa Ana** Santa Ana de Yacuma 2300-2350 Noted here during band scan; 3/5. (Wilkner-FL)
- 4460 **CHINA CNR-1** Beijing 2304-2312 M & W in CC w/ (P) nx w/ correspondents & one mx break; (P) promos by W & M; brief mx pause w/ ancment ment Zhong Guo; continuing talk by ancrs; best heard in SSB w/ S9+10 of peak; moderate QSB & rustle; static at times; fair; 2/14. (Serra-Italy) 2055-2102 Various M & W ancrs w/ ancments; ancment ment. "Zhong guo"; pips at ToH; still more ancments & full ID into nx; best heard in LSB w/ slight QSB & rustle; fair; 3/1. (Serra-Italy)
- 4500 **CHINA Xinjiang PBS** Urumqui 0159-0211 lcl song; W w/ ancment in (P) Mongolian; pips b/w talk at ToH; other W ancr chatting w/ previous W ancr; lcl Far East pop song at 0201; best heard in SSB w/ S9+5 of peak & slight rustle; f-g; 2/21. (Serra-Italy)
- 4699.4 **BOLIVIA R. San Miguel** Riberalta 0157-0210 M ancr in SS w/ slow mx; mostly weak but in the clear & readable; sig came up to a good 30dB lvl for about two minutes before fading completely; 2/20. (Parker-PA) 4699.42 2300-2350 Note here during band scan; 3/5. (Wilkner-FL)
- 4700 **INDIA AIR** 1536-1549 Which site was this?; heard w/ the usual segment of "News at Nine"; w/ ads in (P) Hindi & nx in EE; followed by another Hindi ad; prg "Spotlight" in EE w/ dialogue re Pakistan & the Mumbai terrorist attack; weak but clearly //9425; assume this is just another case of AIR entering the wrong freq; 2/27. Not heard here 2/28. (Howard-CA) 1454-1517 Here again w/ (P) another error in entering the freq; but by who?; first heard on 2/27 & not since then til today; (P) Hindi talk; ToH mx prg of indigenous chanting/singing; 1512 switched over to New Delhi prgrming; after 1512 was //9425; it is now believed this is one of the 4760 AIR stns being off freq; (AIR Leh or AIR Port Blair; tnx to feedback from J. Savolainen, Finland; 3/2. (Howard-CA)
- 4716.19 **BOLIVIA R. Yura** Yura 2300-2350 Noted here during band scan; 3/5. (Wilkner-FL) 1045 Flauta andina & one ID; f/out; 3/15. (Wilkner-FL) 4716.8 0155 Noted here w/ faint vcls; 3/8. (Paszkiewicz-WI)[good to see you again-ed.]
- 4744.95 **BRAZIL R. Imaculada Conceição** Campo Grande 0346-0404 Lively ballad & M ancr; 0349 "Radio Imaculada Conciacao, Campo Grande, Brasil"; prg. preview; 0351 mu. br.[?-ed.]; two vcls; 0400 ID & M ancr; 0404 f/down during talk; fair except for CODAR QRM; 3/3. (Taylor-WI) [4744.95!?!-ed.]
- 4746.8 **PERU R. Huanta 2000** Huanta 0035-0045 Huaynos & other Andean sounds; M ancr in SS; surprising sig; fair to almost good at times w/ only light CODAR QRM; J. Strawman measured on 4746.91 a bit later so apparently drifting a bit; 3/9. (Jensen-WI)4746.91 0045 (P); Excited talking; heavy CODAR; het from R. Yura heard at same time; 3/9. (Strawman-IA) [Yura=4716v-ed.]4746.94 1030-1100 Noted here w/ mx; 3/7 & 9. (Wilkner-FL)
- 4754.9 **BRAZIL R. Imaculada Conceição** Campo Grande 0504-0508 M & W w/ talk; outstanding 75dB sig; obliterating CODAR but weak audio; due to band condx?; near perfect copy nonetheless; 1/5. (Parker-PA) 0335-0340 PP ballad; M & W ancrs; 30dB sig challenged by CODAR but still f-g; 1/29. (Parker-PA)
- 4760 **ANDAMAN & NICOBAR ISLANDS AIR Port Blair** 1443-1526 SC mx; prg of indigenous chanting/singing; ToH lcl nx; at 1512 switched over to prgrming from New Delhi & now //9425; in the past I have often heard AIR Shillong-4970 also changing over to Delhi prgrming at 1512; assume they start at this odd time to give them a chance to run some ads before the start of the nx at 1515; which was //4775; 4880; 4970-Shillong had only a carrier on today, no audio heard; 4990; 5010 & 5040; 2/25. (Howard-CA)
- 4765.05 **TAJIKISTAN Tajik Radio** Yangiyul 2322-2330 W in vern.; slow lcl chant at 2323; brief ancment & lcl chant; best heard in USB to avoid light het; moderate QSB & rustle; almost nulled w/ NIR12; static at times; 2/14. (Serra-Italy) 0217-0226 Two M & W chatting til 0221; lcl pop song & continuing talk one minute later; lcl pop song at 0224; best heard in SSB w/ moderate fast QSB & rustle; static at times; fair; 2/21. (Serra-Italy) 0249-0302 M ancr; lcl chant at 0252 w/ instrumental mx; more talk tho unclear; (P) drum beat at 0259 & ancment at ToH; mx break & W ancr w/ (P) nx; best heard in LSB w/ fast QSB & strong rustle crashes; poor w/ NIR12; 3/4. (Serra-Italy)
- 4770 **NIGERIA R. Nigeria** Kaduna 0457-0503 Hi-life mx; deep voiced M w/ "Radio Nigeria" ID at ToH; 60dB sig; exc.; 1/5. (Parker-PA) 0603-0608 M ancr w/ EE nx; occ. joined by field rpters; good w/ fading & significant CODAR QRM; audio could have been sharper; 2/25. (Evans-TN) 0541-0600 Afropops w/ some FF lyrics & some in LL[?-ed.]; pips & ID at ToH; M w/ basso profundo & nx; fair; 3/7. (Wood-TN)


- 4775 **INDIA AIR Imphal** 1410-1440 In (P) Hindi w/ ads; SC singing & mx; mostly fair w/ CODAR QRM; 3/13. (Howard-CA)
- 4775 **SWAZILAND TWR Manzini** 0445 M anc in EE preaching about marriage & Mosaic law; fair; 2/24. (Barbour-NH)
- 4780 **DJIBOUTI RTD** Atta 0320-0427 M anc in vern.; marvelous indigenous mx selex's w/ drums; strings & vcls; some very familiar to old Mississippi Delta blues; the outstanding 80-90dB sig; which was full quieting here; & audio forced me to take a break from DXing & go into "prg listening mode"; exceptional b/cast; 2/10. (Parker-PA)[take time to stop & smell the DX!-ed.] 1444-1515 (P) Non-stop repetitive chanting/singing along w/ indigenous stringed instruments; lang sounded like AA; recep slowly improving up to almost fair; but faded down to poor by 1515; pleasantly surprised to come across this grayline recep; 2/20 & 21. (Howard-CA) 0353-0420 Mx prg in Afar; poor; 2/22. (Turnick-PA) 0407-0450 Vcls followed by W anc in AA introducing next prg; discussion prg w/ various M speakers; ID at 0430 followed by HoA vcls; f-g; 2/25. (D'Angelo-PA)
- 4781.35 **BOLIVIA R. Tacana** Tumupasa 1030-1040 Noted here w/ weak sig; 3/11. (Wilkner-FL)
- 4789.96 **INDONESIA RRI Fak Fak** 1428-1453* EZL pop Indo songs; nice kroncong mx before s/off; clear "RRI Fak Fak" ID; light to moderate CODAR QRM; 2/18. (Howard-CA) 4790 1420 Going from mx to W anc talking; still fair sig at this late hour w/ inevitable CODAR QRM; only significant sig on 60m besides 5025-Cuba & 5030-China which were weakening prior to f/out; w/ BFO on I noticed the 4790 carrier was slightly unstable; still no sign of 4750 Makasar; 2/20. (Hauser-OK) 1340 Conversation & phone intreview in Indo; 1357 ID sequence & "SCI"; ID into network nx; poor at t/in; gradually improving to fair; 2/24 & 26. (Ronda-OK) 1254 Barely audible w/ talk & mx vs CODAR; could not hear it at all the previous two mornings; VOI-9525; fairly good in EE at 1315; W anc w/ constant hum; also during following hour in Malay; 3/14. (Hauser-OK) 4790.03 Returned to their usual freq; 2/20 & 21. (Howard-CA) 1426 Still audible w/ mx vs CODAR at this late time; exactly one sesquihour after lcl sunrise; I wonder if the Fakfakians are aware of how well their lcl radio stn outgets; really putting their place on the worldmap?; 3/5. (Hauser-OK) 4790.04 1338 Fast-paced Indo tlk b/w M & W anc; heavy CODAR sweep; w/ out CODAR; f-g; 2/22. (Strawman-IA) 1340 M anc in extended Indo tlk; S7 sig under CODAR; 2/23. (Strawman-IA)
- 4790v **PERU R. Vision** Chiclayo 0542-0557 Approximate freq; (P) shifted on 4789.98; chant then M "loudspeaker" anc; W anc at times from 0550; audio increasing a bit from 0546; best heard in LSB w/ het nulled w/ rx inter-audio filter; CODAR; QSB & rustle; static at times; barely audible w/ NIR12 over the QRN threshold; 2/20. (Serra-Italy) 0507-0524 Loudspeaker talk by M & occ. W; unclear; heard best in LSB w/ NIR12; strong CODAR & rustle; fast QSB w/ audio up/down at times; poor-barely audible during morning grey line in Rome; 3/2. (Serra-Italy) 4790 0545-0554 SS ballad at t/in; immediately into usual preacher w/ distorted PA system; in the clear & overcoming CODAR but the 35dB sig was much weaker than usual; 1/29. (Parker-PA) 0450-0453 Loudspeaker preacher; in the clear w/ rockcrusher 80dB sig; [date?-ed]. (Parker-PA)
- 4799.7 **GUATEMALA R. Buenas Nuevas** San Sebastián 2300-2350 Noted here during band scan; 3/5. (Wilkner-FL) 4799.8 0420-0437*SS ballads; closing SS ID ancments at 0435-0437 closing; weak; poor w/ QRM from Mexico-4800; 3/14. (Alexander-PA) 1116 Relg prg & full ID; 3/16. (Wilkner-FL) 0210-0220 M anc in SS & rancho mx; 70dB sig; exc.; [date?-ed]. (Parker-PA)
- 4800 **CHINA CNR-1** Geermu 2331-2339 M & W w/ CC talk & mx; brief ancment b/w tlk; W & M w/ (P) nx ment. Zhong Guo w/ brief mx breaks; more talk; heard clearly in AM w/ moderate QSB & rustle; static at times; p-f; 2/14. (Serra-Italy)
- 4800 **MEXICO XERTA** Mexico City 0602-0615 Beautiful SS chorales w/ M vclists; lengthy talk by M; ID at 0606; decent 30dB sig was still struggling w/ CODAR; fair; R. D'Angelo's HF-150 really proved itself on this one; tnx Rich!; 1/29. (Parker-PA) 0344-0441 Mostly songs in SS; perhaps relg & ballads; & EZL instrumental mx; TCs; numerous IDs for "X-E-R-T-A" & ments. of "Mexico"; good sig & would have been outstanding recep; except for the fact that R. Buenas Nuevas-4799.73; was also having extraordinary recep; Guatemala s/off at 0433; but by then condx had cooled off some; have never heard these two stns so strong!; 2/24. (Howard-CA)
- 4805 **UNIDENTIFIED** 1130 Carrier but no audio; did LOB rpt Peru there months ago?; 3/3. (Wilkner-FL) [yes-ed.]
- 4805 **PERU R. Rasuwilca** Ayacucho 1000-1100 (T); Noted on several days this week; w/ aid from D. Valko who seems to be receiving them well; but not being received well here or in Cedar Key; 3/15 & 16. (Wilkner-FL) 1005-1025 (T); M in espanol under CODAR; 3/19. (Wilkner-FL)
- 4814.9 **ECUADOR R. El Buen Pastor** Saraguro 0147-0154 M anc w/ ballads; just barely making it thru strong CODAR using USB mode; 2/20. (Parker-PA)

- 4820 **INDIA AIR Kolkata** 1340 (P); AIR presumed the one w/ M vcl wailing or shouting; quite distinct; seemed to be mixing w/ a second stn; (P) PBS Xizang; mixed sig was fair; 2/22. (Strawman-IA)
- 4820 **TIBET Xizang PBS** Lhasa 2334 (P); Exotic mx; M & W ancw w/ Mandarin sounding talk at 2339; poor-weak; 2/22. (Barbour-NH) 1748-1800* Solo piano mx themes; The Entertainer; etc.; brief ancmnt at ToH & s/off; heard better in SSB w/ moderate QSB & rustle; slight static at times; p-f; 2/28. (Serra-Italy)
- 4824.40 **PERU LV de la Selva** Iquitos 1115 Noted here w/ mx; strong; 3/3. (Wilkner-FL)
- 4824.98 **UNIDENTIFIED** 2347-0019 (P) Brazil on approximate freq w/ slow songs; M ancw at 0002; then non-stop slow songs; (P) talk at 0017 & cont. mx prg; best heard in SSB; mostly USB; w/ QRM almost nulled w/ rx inter-audio filter; fast QSB; rustle & static; v. poor w/ NIR12; 2/14 & 15. (Serra-Italy)
- 4826.37 **PERU R. Sicuani** Sicuani 1116-1130 Noted here w/ M ancw; strong; 3/3. (Wilkner-FL)
- 4827.9 **ZIMBABWEZBC** Gweru 0325 Traditional; unaccompanied African choral mx; poor; 2/24. (Ronda-OK) 4828 0410-0456 Lively non-stop hi-life vcls & pop mx; txmitter break at 0446 but returned at 0453; fair w/ some slight CODAR QRM but began deteriorating after 0430; 2/21. (D'Angelo-PA) 0427-0440 (P); Non-stop lcl pop mx; poor w/ heavy CODAR QRM; first time anything other than a carrier has been heard on 4828 this year; 2/26. (Evans-TN)
- 4830 **CHINA China Huayi BC** Fuzhou 1224-1229 W ancw in CC; poor but steady; 2/23; again at threshold lvl; 2/25. (Evans-TN)[great catch-ed.]
- 4835.39 **PERU R. Marañon** Jaen 1115-1130 Noted here w/ mx; strong; 3/3. (Wilkner-FL)
- 4840 **INDIA AIR Mumbai** 0020-0025 Hindi vcl chant by M w/ instrumental mx); ancmnt at 0021 then cont. chant; heard in AM but better in SSB; moderate QSB & rustle; static at times; p-f; 2/15. (Serra-Italy) 0228-0238 M & W ancws chatting; pips at BoH; brief mx break; (P) nx til 0235; brief mx notes & ancments; brief chant & cont. talk; best heard in LSB w/ S9+5 of peak; fast QSB & rustle; static at times; poor-almost fair; 2/21. (Serra-Italy)
- 4845 **MAURITANIA RTV Mauritanie** Nouakchott 0618-0625 M ancw in AA; Kor'an chants; strapping 60dB sig crushing CODAR; 1/29. (Parker-PA) 0618 (P); M w/ AA chant; good; 2/25. (Johnson-NV) 0612-0619 M ancw in AA w/ chanting & prayers; vg; 2/28. (Wood-TN) 0524-0537 (P); M w/ long AA vcl; good w/ fluttery condx; 3/6. (D'Angelo-PA) 0615 Chanting & singing in AA; weak but low noise & good resexp; 3/6. (Stremple-CA)
- 4857.39 **PERU R. La Hora** Cusco 2300-2350 Noted here during band scan; 3/5. (Wilkner-FL) 0010 M ancw over mx; strong sig; 3/10. (Wilkner-FL)
- 4860 **INDIA AIR Delhi** 1812-1824 Lcl vcl chants only; best heard in SSB w/ S9+5 of peak; light CODAR; moderate QSB & rustle; static at times; almost fair; 2/21. (Serra-Italy)
- 4864.86 **UNIDENTIFIED** 0336-0344 Lcl chant; (P) W ancw w/ talk; best heard w/ NIR12 in USB then in LSB; fast QSB; strong rustle crashes & CODAR; from 0343 strong QRM jamming approx. on freq; poor-barely audible; 3/4. (Serra-Italy)[Brasil?-ed.]
- 4865 **BRAZIL R. Alvorada** Londrina 0345 M w/ PP talk; poor; 3/3. (Ronda-OK)
- 4877.67 **UNIDENTIFIED** 1015-1030 This close to the Brasil stn inactive for over a year; 3/19. (Wilkner-FL) [Stn name?-ed.]
- 4880 **INDIA AIR Lucknow** 0027-0035 Brief W ancw in vern. then (P) vcls or flute sound w/ instrumental mx; ancmnt & pips at BoH; (P) nx; best heard in USB w/ S9+10 of peak; light, fast QSB; rustle & static at times; poor-almost fair w/ NIR12; 2/15. (Serra-Italy) 1222-1235 Hindi mx; M ancw w/ Hindi talk at 1235; poor w/ fading; improving slightly over time; 2/25. (Evans-TN)
- 4885.01 **BRAZIL R. Clube do Para** Belem 0347-0402 M & W in PP w/ talk re Brazil topics; IDs & ancmnt at 0350; several two note tune & talk; enhanced ancments w/ many IDs from 0354-0359; freq ancmnt; jingles & "Musica madrugada!" into LA hi-life ballads from ToH; heard in AM but better in SSB w/ S9+10 of peak; light QSB & rustle; increasing to fast QSB around ToH; almost fair w/ NIR12; 2/18. (Serra-Italy) 0517-0533 Non-stop LA ballad; IDs, ancments & freq; mx prg resumes; best heard in SSB w/ S9+5 of peak; light QSB & rustle; static at times; from 0525-increasing fast QSB; fair; 2/20. (Serra-Italy) 0326-0332 M ancw in PP; mx break; enhanced IDs & freq at 0327; M & W ancws w/ many ment. ".do Para."; best heard in LSB & USB w/ S9+10 of peak; light QSB w/ strong rustle & static crackles at times; p-f w/ NIR12; 2/27. (Serra-Italy) 4885 0445-0447 Pop mx; back to their usual 70dB sig w/ exc. audio; 1/5. (Parker-PA) 0628-0634 M ancw w/ echo FX & up-beat pops; 40dB sig abit weaker than usual pwoerhouse; g-exc.; 1/29. (Parker-PA) 0328 M ancw in PP; ad string w/ many ments. of Rio Blanco; f-g; 2/24. (Ronda-OK) 0650 Disco mix of Beatles songs w/ beat box & a load of bass; f-p w/ QRN; 2/24. (Stremple-CA) 0703-0715 M ancw in PP; in overdrive w/ Brazilian party mx; vg; 2/28. (Wood-TN) 0455-0508 Full ID at ToH; LA pop mx; I have not heard techno on this stn in quite some time; good; 3/7. (Wood-TN) 0347-0355 Very torrid PP vcl mx featuring violins similar to gypsy mx; fair; 3/16. (Wood-TN)

- 4895 **BRAZIL R. Globo** Manuas 0126-0140 M ancw w/ PP mx; in the clear & f/in to near fair lvlv briefly; mostly weak; 2/20. (Parker-PA)
- 4895 **BRAZIL R. Novo Tempo** Campo Grande 0212-0231 On an exceptional Brazilian evening; noted weakly w/ v. mellow choral Gospel mx & M ancw in PP; IDed by //ing w/ streamed audio; 3/6. (Jensen-WI)
- 4900 **CHINA V. of the Strait** Fuzhou 1222-1227 M w/ CC talk & occ. CC mx bridge; joined by W at 1223; mx at 1225; poor w/ some fading; 2/23. (Evans-TN) 1223-1230 Pop mx & W ancw; similar sig as 2/23; 2/25. (Evans-TN)
- 4904.97 **CHAD RNT** N'djamena 0552-0608 M ancw w/ FF talk ment. N'djamena til 0555; string mx break & brief ancwment over mx; Afropop; lengthy ancwment; W ancw w/ ID; "Radiodiffusion Nationale du Tchad."; Afropop at ToH; ancwment & talk in vern.; (P) AA; best heard in SSB w/ fast QSB & rustle; static at times; from 0606 increasing QSB; f-p; 2/12. (Serra-Italy) 0506-0522 Afropops w/ M ancw & ID in bad FF; talk ment. N'djamena; heard in AM w/ S9+20+; better in SSB w/ moderate QSB & rustle; from 0511 increasing rustle & fast, deep QSB so best in LSB; f-p; no sig at 0534 re-check; 2/17. (Serra-Italy) 2023-2048 Afropops; M ancw in FF; brief ancwments & ID as "Radio Chad, N'Djamena"; Afropop song N'djamena w/ two brief ancwments b/w mx; from 2046 M ancw w/ Afropops; best heard in SSB w/ S9+10 of peak; clearly audible in AM too w/ moderate QSB & rustle; increasing QSB from around 2048; f-g; 3/1. (Serra-Italy) 4905 0420-0425 M ancw w/ FF talk over hi-life mx; huge 70dB sig; 1/5. (Parker-PA) 0635-0655 Up-beat tunes & W ancw; rockcrusher 70dB sig; belle of the band this evening; 1/29. (Parker-PA) 0536-0600 W ancw w/ nx re Cameroon; ID at 0542 into indig. mx; after 0548 the lang became a dialect or Creole of FF/Vern; little sweeper today; vg; 2/28. (Wood-TN) 0535 FF ancw interviewing W vclist; several examples of her singing tribal-style vcls; 0553 more contemporary Afropop; entertaining; 3/1. (Taylor-WI)
- 4905 **TIBET Xizang PBS** Lhasa 1345 (P); High-pitched W voice w/ occ. mx bumpers; Tibetan svc listed poor; 2/22. (Strawman-IA)
- 4910 **AUSTRALIA VL8T** Tennant Creek 0158-0215 Good carrier audible in SSB mode; LSB eliminated QRM completely but only trace of audio peeking thru; heard bits of mx but couldn't nail it down until heard about five seconds of OZ-accented M; poor; 2/10. (Parker-PA)
- 4910S **USA WWCW** Nashville 0145-0158* Spur w/ Pete Peters; loud 30dB sig; //9980; 2/10. (Parker-PA) 0128-0145 Spur; mixing product or something; mixing of at least two, maybe three for a while, streams; preaching; maybe Pete Peters; on one stream & the preacher who sings to the pump organ on another; possibly Br. Stair mixing in for a while; //5070 at one point but not another; abruptly off at 0145; quite a mess; I could not find a // spur to either 5070 or 3215; but didn't check further; tnx to D. Jensen who pointed it out & J. Strawman who also investigated it with us; 3/15. (Taylor-WI)
- 4914.96 **BRAZIL R. Difusora de Macapa** 0508-0521 M ancw w/ talk & slow songs; heard best in LSB w/ fast QSB & strong rustle; mostly nulled w/ NIR12; static & slight splat at times; poor-barely audible; 3/1. (Serra-Italy) 4915 0430-0435 M ancw w/ PP pops; usual incredible fidelity; strapping 80dB sig; 1/5. (Parker-PA) 0620-0650 Nice up-tempo LA mx; minimal sweeper for a change vg; 2/28. (Wood-TN) 0356-0402 PP ID at ToH into MR pops; fair; 3/16. (Wood-TN)
- 4920 **INDIA AIR Chennai** 0036-0055 Surprised w/ EE nx segment & then back into Hindi prgrmg; fair; 2/22. (Turnick-PA) 1210-1236 Hindi mx heard under co-ch. Tibet at 1210; continuing through at least 1220; recheck at 1232 found M ancw w/ what appeared to be nx followed by M & W talk at 1235; poor but strengthening sig; 2/23. (Evans-TN) 0055-0111 Hindi ballads; ancw at ToH; M ancw w/ lengthy talk from 0105 thru t/out; poor; 3/2. (Barbour-NH)
- 4920 **TIBET Xizang PBS** Lhasa 1155-1210 M & W ancw in Tibetan; good signal w/ co-ch. QRM from weaker AIR Chennai after 1200; //4905-slightly weaker sig; 2/23. (Evans-TN)
- 4925 **BRAZIL R. Educaçao** Tefe 0140-0145 M & W ancw in PP w/ jingles; pop mx; 30dB sig & exc. audio overcame strong CODAR; 2/10. (Parker-PA)
- 4930 **BOTSWANA VOA** Moeping Hill 0306-0310 EE talk re Obama's plans for Africa; 40dB sig; g-exc.; 1/28. (Parker-PA) 0400-0405 VOA nx ID; talk of Sec. Clinton; ments. of SALT treaty & UN Security Council; good; as was //4960-Sao Tome; 3/7. (Wood-TN) 0403-0409 ID & TC; EE nx re contagious diseases in W. Africa; "Daybreak Africa" prg; fair; //4960-Sao Tome: good; 3/16. (Wood-TN)
- 4934.9 **BRAZIL R. Capixiba** Vitoria 0225-0245 Boisterous M in PP w/ speech & cheering audience; sort of an amalgamation of "Sabado Gigante" & a Nuremberg rally; 30dB sig cutting thru the CODAR; g-exc. 1/28. (Parker-PA)[nice comparison!-ed.]
- 4940 **CHINA V. of the Strait** Fuzhou 1248 M ancw in Mandarin; songs by W vclist; poor; 2/24. (Ronda-OK) 1516-1530 "Focus on China" Sunday prg in EE; ID "This is the Voice of Strait. If you want more information on China, please write to Box 187, Voice of Strait, Fuzhou, Fujian, zip code 350012, P.R.C."; 1530 into CC; 3/1. (Howard-CA)[good stuff-ed.]

- 4940 **INDIA AIR Guwahati** 1236-1245 M w/ Hindi talk; Hindi pops w/ ancments by W after 1242; poor w/ some fading over co-ch. CC[see above-ed.]; 2/23. (Evans-TN)
- 4940 **UNIDENTIFIED** 0729 Fair sig in OC; helping to modulate CODAR swishing past every second; unlikely to be any known 4940 b/cast stn at this hour; China, India, Perú, São Tomé or Venezuela; so maybe just a ute; 3/3. (Hauser-OK)
- 4950 **CHINA V. of Fujiang** Shanghai [UTC?-ed] Talk by W anc w/ similar quality sig as 2/25; 2/23. (Evans-TN) 1226-1236 CC mx; threshold lvl sig; 2/25. (Evans-TN)
- 4955 **PERU R. Cultural** Amauta 0009 M w/ SS talk; shift to conversation b/w two M at 0012; still audible at 0020; poor; 3/7. (Ronda-OK)
- 4960 **SÃO TOME VOA** Pinheira 0427-0430 Nx in EE; 35 dB sig; best heard in LSB; g-exc.; 1/5. (Parker-PA) 0507-0525 M anc in listed Hausa w/ nx; field rpts; talk b/w short, indigenous mx selec; fair; 2/28. (Barbour-NH) 0519-0531* Tribal African chant w/ percussion; M anc in Hausa; tribal chants & talk w/ many ments. of Nigeria; brief drum beat & talk re Nigeria & America; mx break at 0527; full IDs in EE; IS at 0529; s/off at 0531; no FF prg at 0530 per listed skeds; best heard in SSB w/ S9+20 of peak, slight QSB & some static; increasing qsb from 0527; brief het then strong CW; f-g; 3/7. (Serra-Italy)[M-F only; read onl.-ed.] 0605 VOA French 0530-0630 M-F only; quickly confirmed by // weaker 9480 Greenville w/ which it echoed; the 4960 txmitter comes back on at 0700-0730 daily for Hausa which also precedes the FF hour; fair; 3/12. [whom?-ed.]
- 4965 **BRAZIL R. Alvorada** Parantins 0030 (P); Extended intrvw or discussion w/ several people; S6 on peaks but thin audio; 3/15. (Strawman-IA)
- 4965 **ZAMBIA CVC** Lusaka 0406-0425 M anc in vern.; various calypso-like pops; briefly off for a minute at 0413; EE jingle at 0442; thought I had something new!; walloping 70db sig & concert hall audio; 1/5. (Parker-PA) 0350-0435 Bible story in EE; African relg songs; ToH into vern.; many TCs & IDs; "601 Central Africa Time ... Radio Christian Voice"; frequently gives phone numbers; fair; 2/20. (Howard-CA)
- 4970 **INDIA AIR Shillong** 1226-1228 (P); M w/ Hindi talk at noise threshold; v. marginal recep; 2/25. (Evans-TN)
- 4974.8 **BRAZIL R. Nossa Voz** Osasco 0228-0234 M preacher W/ impassioned speech in PP; outstanding 70dB sig; exc.; 1/24. (Parker-PA)
- 4975.96 **UGANDA UBC** Kampala 0409-0416 M anc in EE; (P) mx break then f/out at 0416; best heard in USB w/ het nulled w/ rx inter-audio filter; fast QSB & strong rustle; poor-v. poor w/ NIR12; 2/18. (Serra-Italy) 4976 0409 Seldom heard here due to low audio modulation; sounded like M presenting nx; p-f this time; 2/20. (Strawman-IA) 0407 M anc in heavily accented EE; poor; 2/24. (Ronda-OK) 0415-0442 Two M w/ discussion in EE; W anc w/ ID followed by promos; pop vcl at 0423 w/ jingle ID & more promos at 0429; rap & other mx hosted by M anc w/ EE chatter; fair; 2/25. (D'Angelo-PA) 0407 M anc presenting (P) nx; muffled audio; poor sig strength; 3/5. (Strawman-IA)
- 4980 **CHINA Xinjiang PBS** Urumqi 0015 W anc speaking in listed Uighur; shift to M voice at 0018; then alternating b/w talk & short mx selec; still audible at 0044 re-check; poor; 3/4. (Ronda-OK) 0005 (P); Listed Uighur svc; too weak to glean any details; gone by 0020; 3/9. (Strawman-IA)
- 4980 **UNIDENTIFIED** 0018-0032 W anc b/w brief wind/stringed instrumental bits; animated speaker joins briefly at 0024; more mx w/ anc at BoH; v. poor & barely audible; Xijiang PBS-China?; I can't recall the last time I heard anything on this freq; 2/21. (Barbour-NH) Could be third harmonic of something on 1660; like WWRU in New Jersey, Radio Korea; or yet another off-freq AIR stn. (Hauser-OK via NASWayg)
- 4985 **BRAZIL R. Brasil Central** Goiania 0210-0215 Two M w/ PP talk; 40dB sig; exc. 1/29. (Parker-PA) 0525-0605 Romantic pop songs & LA ballads; Paul Young's Don't Dream it's over; M DJ; brief jingles; W w/ (P) ID & ancments; all b/w mx prg; 0602 two clear IDs & ancment by M over mx; mx & talk continue; best heard w/ S9+5 of peak in LSB then in USB from 0542 during morning grey line in Roma; sunrise at around 0550 decreasing sig; fast to moderate QSB w/ rustle & static; almost fair; 3/3. (Serra-Italy) 0910 High-energy DJ in PP; bubbling just above the noise; EZL mx; ads & stn slogans; 3/6. (Barker-PA)
- 4990.93 **PERU R. Manantial** Huancaayo 0000-0030 M anc en espanol; f/in & out; 3/11. (Wilkner-FL)
- 5010 **INDIA AIR Thiruvananthapuram** 1227-1237 M & W w/ Hindi talk; v. poor; SINPO 24222; 2/25. (Evans-TN) 1245 M anc in Hindi; vcl selec & back to studio conversation; poor-occ. peaks to fair; 2/25. (Ronda-OK) 0113-0132 M & W anc; various mx bits-possible radio drama?; mx tone followed by advertisement; pips & ID at BoH; prg intro w/ piano/wind instrument & W anc into Hindi mx; p-f; this winter, Thiruvan` & Chennai are the only AIR regionals I hear on a regular

- basis here & only at night; nothing like at the height of the last Solar Cycle; during my local winter mornings; when I could follow the greyline across the SC & log AIR across 60m; 3/2. (Barbour-NH)
- 5009.93v **MADAGASCAR RTV Malagasy** Antananarivo 1503-1538 Non-stop mx; Afropop; FF ballads, etc.; poor by t/out; best in LSB; 2/17. (Howard-CA) 5009.96 0203-0232 Mx prg w/ choral-like mx & instrumental ballads; cover of Beatles "Obladee Oblada" in (P) Malagasy; good at t/in; deteriorating by BoH; 2/17. (Barbour-NH) 5010 0240-0330 M anc in Malagasy w/ mx prg; hi-life mx; Afropops; ballads; etc; R. Madagascar ID at 0303; in the clear w/ remarkable 75-80dB sig; hi-fi audio w/ absolute "pin-drop" quality; completely filled up the 16kc b/width on the R-390A/SE-3; extraordinary txmission; 1/21. (Parker-PA) 0412 Lively Afropop songs; fair; 2/24. (Ronda-OK) 0251 Noted at fair lvl; 2/28. (Ronda-OK) 1443-1505 Believe this is the first time this year I have heard this particular txmitter in use here; being on freq & clearly in USB+ carrier mode; not heard in LSB; making for easy confirmation that it is them; in FF w/ hi-life mx & FF ballads; 3/13. (Howard-CA) *0250-0330 Abrupt s/on w/ lcl pops; Europop mx; IS at 0256; NA at 0258; short Malagasy ancment at 0301 & Malagasy talk; reduced carrier USB; f-g; 3/12. (Alexander-PA)
- 5025 **CUBA R. Rebelde** Havana 0615 Nice mx in the late evening; SS ballads tonight; strong sig; 2/24. (Stremple-CA) 0605-0616 Baseball game w/ two ancrs in SS; several terms in EG: right field, left field, home run, etc.; the Taiwan National Team was playing & was behind 3-1; but I could not determine what team from Cuba they were playing; the ancrs kept mentioning pro baseball; vg; 3/7. (Wood-TN)[WBC coverage?-ed.] 0441-0451 Baseball game w/ a Mexican team playing; tt may have been a pre-recorded contest; several times during play-by-play; there were canned promos ment. "Classico Baseball"; vg; 3/16. (Wood-TN)
- 5030 **CHINA CNR-1** Beijing 1216-1218 M & W anc in CC; poor w/ fading; appeared to be // weak sig on 5945; 2/23. (Evans-TN) 1502 W in CC; lots of fanfare at ToH prior to nx; exc. sig here; 2/23. (Stremple-CA)
- 5030 **MALAYSIA-SARAWAK Sarawak FM** via RTM 1534-1556 W DJ in vern playing EE pops; Celine Dion, etc.; & vern. pops; on-air phone calls; singing stn jingle; s/off shortly after 1556; heard under co-ch. CNR-1; //7130; 3/1.(Howard-CA)[nice catch-ed.]
- 5035 **BRAZIL R. Aparecida** Aparecida 0520-0525 M in PP followed by inspirational mx w/ group vcl; in the clear w/ 40-60dB sig; exc.; [date?-ed.]. (Parker-PA)
- 5039.21 **PERU R. Libertad** Junin 1100-1120 Noted here w/ strong sig; 3/3. (Wilkner-FL)
- 5050 **CHINA V. of the Strait** Fuzhou 2312-2332 (P); W anc w/ Mandarin sounding talk; ballad at 2318; poor under QRN & barely audible by BoH; 2/22. (Barbour-NH)
- 5060 **CHINA Xijiang PBS** Urumqui 0037-0047 M & W anc w/ talk; canned ancment at 0039; various ancrs w/ (P) ad string; v.poor; quickly unusable under QRN; 2/27. (Barbour-NH)
- 5070 **USA WWCR** Nashville 1656 WWCR-3 on 5070 had been missing earlier & on routine check to confirm World of Radio airing; found 12160 also off the air; tho inbooming on all three other txmitters; 9980; 13845 and even on 15825; so must be w/ sporadic-E assistance; checked a few minutes earlier; the WWCR-3 webcast was also missing; the Winamp & Realplayers running silently; continued missing from 12160 Saturday afternoon & thru the DX block UT Sunday March 15; 0300 on 5070; just as I was writing this at 0319; the real audio stream cut on; I had left the player running silently after I notified WWCR; not until 0358 did I check 5070 & it was finally back on too; 3/14 & 15. (Hauser-OK)
- 5100 **ERITREA R. Bana** Asmara 0412-0435 (P); M anc in Tigrinya followed by a series of HoA vcls; poor; 2/18. (D'Angelo-PA) 0354 (P); Carrier on; repeated mx w/ drum; 0400 s/on; M anc into HoA mx by 0420 but quickly faded after that; occ. RTTY QRM; v. weak; just above noise lvl; 3/6. (Jensen-WI)
- 5109.83 **USA WBCQ** Monticello 0100 "Allan Weiner Worldwide" show; good, which is rare here in the West; 2/21. (Johnson-NV)
- 5120.2 **PERU Ondas del Suroriente** Quillabamba 2300-2350 Noted here during band scan; 3/5. (Wilkner-FL)
- 5240 **TIBET Xizang PBS** Lhasa 2347-2359 W anc til 2350; brief lcl franting chants & ancments by W & M; mx prg; first heard in USB to avoid strong rustle splat via (P) ute; mostly nulled w/ NIR12 & rx inter-audio filter; but then better heard in AM w/ S9+15 of peak; moderate QSB & static at times; fair; //4905-almost fair; //4920-almost fair; //6130-f-g w/ splats at times; //7385-f-g w/ splats at times; re-checked this freq at 0000; overwhelmed by strong unid in EE; 2/21. Serra-Italy)[7385 unid: probably WHRI via USA-ed.]

- 5446.5U **USA AFN** Key West 0546-0550 Paul Harvey "The Rest of the Story"; Sam Phillips & Sam Perkins; 40dB sig; exc.; 1/5. (Parker-PA) 0453 Nx items re C-130 maintenance issues; "Earth and Sky" segment; promos re "whistleblower" protection laws; I was particularly interested in the item concerning the C-130's since I used to build them; many years ago; at Douglas Aircraft Company in Long Beach; good; 3/16. (Wood-TN)
- 5460.1 **PERU R. Bolivar** Cd. Bolivar 0015 Noted here w/ mx; 3/10. (Wilkner-FL) 5460.2 2300-2350 Noted here during band scan; this one seems on infrequently!; 3/5. (Wilkner-FL)
- 5470.80 **PERU R. San Nicolás** Mendoza-No recent logs!; 3/11. (Wilkner-FL)[LASWlogs rpts them, via Cumbre, as logged this month-ed.]
- 5486.62 **PERU R. Reyna de la Selva** Chachapoyas 1100-1120 First time noted in over a month at this QTH; not heard next day-same time; 3/10. (Wilkner-FL)
- 5580.2 **BOLIVIA R. San Jose** San Jose de Chiquitos-No recent logs! (Wilkner-FL)[same info as 5470-ed.] 2330-0010 The one noted here; this stn had been off or not audible in Florida for over a month; 3/20 & 21. (Wilkner-FL)
- 5755 **USA WEWN** Vandiver 1345 Background noise for a minute or two; that's what we get for their putting the "Daily Mass: Our Lady" TV show on the radio at 1300-1400; finally W w/ (fake?) British accent prays to Mary; since Jesus is busy (?); 1352 also found same svc on 7555; but on this freq the squealing helps to fill up the dead air & voice-over translation into SS; no translations needed when svc went into Latin; which everyone understands; or should I say; no one?; 2/26. (Hauser-OK)[LOL-ed.]
- 5764.5U **GUAM AFN** Barrigada 1512 ABC nx into then US Navy nx; exc.; 2/23. (Stremple-CA)
- 5770 **MYANMAR Myanmar Defense Forces BC** Taunggyi 1515 M ancr in vern. b/w pop & lcl mx; poor w/ QRN; tnx R. Howard; 2/23. (Stremple-CA) 1449-1528* Pop & indigenous songs; music; indigenous instrumental mx at s/off; 3/12. (Howard-CA)
- 5810 **N. MARIANA ISLANDS RFA** Tinian 1522 M ancr in CC; strong sig; free of jamming; 2/23. (Stremple-CA)
- 5850 **SWEDEN R. Sweden** Horby 2224-2230 M & W w/ Swedish talk; moderate sig w/ less fading than usual at this time of day; SINPO 34333; 2/18. (Evans-TN)
- 5855 **SRI LANKA RFA** Irana Wila *2330-2345 Nx; cmntaries & interviews in VV; f-p; 3/6. (Turnick-PA)
- 5860 **PHILIPPINES R. Nederland** Tinang 2215-2230* Cmnty in Indo; good; 2/22. (Turnick-PA)
- 5865 **FRANCE RT Algerienne** Issoudin 0614-0618 AA talk; 60dB sig; exc.; 1/17. (Parker-PA) 0624 M in AA; weak but clear; 3/6. (Stremple-CA)
- 5875 **UNITED KINGDOM BBC** Rampisham 0605-0613 "The World Today" in EE; 40dB sig; g-exc.; 1/17. (Parker-PA) 0605 End of EE nxcst w/ background noise lvl ramping up at each pause; as if a limiter is very maladjusted; have not noticed such a problem at BBC before; originating in studio or processing at Rampisham?; the noise vanished at 0606 as next prg started; but then reappeared; an annoying roar every few seconds; 3/10. (Hauser-OK)
- 5890 **N. MARIANA ISLANDS VOA** Tinian 1315 Looked for VOA Korean's American-songbook mx which used to appear reliably at 1315; but not at t/in 1317; instead a string of freqs announced including "AM, kHz"; 1319 starting another show w/ banjo mx; 3/12. (Hauser-OK)
- 5890 **USA WWCN** Nashville 0800 ID at t/in then into Pastor Pete Peters & dueling bibles as he compared passages from diff. bibles in an attempt to; as he put it; "discern evil"; Good Book vs Good Book; modulation was way too hot; 3/12. (Barker-PA)
- 5895 **UNKNOWN Radio Mada** *0400-0425 (T); S/on w/ anthem; talk in unid lang.; (T) ID; poor in noisy condx; tnx G. Hauser tip; 3/21. (Alexander-PA)
- 5900 **BULGARIA R. Bulgaria** Sofia 0600-0603 IS; RR talks; 30dB sig; fair; 1/17. (Parker-PA)
- 5900 **RUSSIA IBRA-True Light** Petropavlovsk-Kamchatka 1205 M & W ancrs in Mandarin; still w/ talk at 1225 re-check; all in surging band noise; poor; best in LSB; 3/14. (Ronda-OK)
- 5900 **RUSSIA V. of Russia** Samara 1400 Going from OC to ID as Golos Rossii; weak sig; listed as 117 degrees from Samara; maybe long path; 2/25. (Hauser-OK)
- 5900 **UNIDENTIFIED** 1350 OC w/ fair strength; at this hour, per Aoki, the only thing scheduled is the Vatican in RR via Tashkent; 100 kW; 56 degrees; I wonder if it was one of their 20-minute prgs w/ the rest of the semi-hour wasted; or lost feed; 2/19. (Hauser-OK) 

International Band Loggings


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- 59649v **MALAYSIA Klasik Nasional FM** via RTM Kajang in Malaysian 1601, choral NA followed by singing "Klasik Nasional" jingle, long recital of the Qur'an, ARM from D Welle, p-f (Howard CA 3/1)
- 5995 **MALI RTVM Bamako** in AR 0801*, talk, flute IS at s/off, QRM, weak (Alexander PA 3/8) in FR 2225, news and dial in guest interviews, f (Turnick PA 3/5) in FR 2258, hi-life music through 2300, signal marred by CRI splatter at TOH (Strawman IA 3/6) in FR 2248, hi-pitched string and flute music rapid fire talk by YL, sked, ID (Ronda OK 3/2) in FR 2250, OM hosting program of hi-life vocals, ID with some adjacent channel splatter (D'Angelo PA 2/21)
- 6010 **CHINA CNR-11** via Baoji in EG 1430-1500, new Tibetan Service - basically this is the "Holy Tibet" program as heard via PBS Xizang, Lhasa but with CNR ID's (Howard CA 3/9)
- 6010 **MEXICO Radio Mil** Mexico City in SP 1103, program of continuous Latin vocals and SP talks, g (D'Angelo PA 2/27) in SP 1013, SP ballads and talk b/w selections, IDs, f-p (Barbour NH 3/2)
- 6010 **BRAZIL R Inconfidencia** Belo Horizonte in PT 0710, 15 minute long block of PT music ranging from ballads to rock, continuous talks, ID (Parker PA 3/12)
- 6020 **AUSTRALIA R Australia** in Tok Pisin/EG 1046, talks, mention Palau and Cook Islands, contact info, music fill, into EG ID and news at 1100, f (Barbour NH 3/2) in EG 1315-1355*, coverage of National Service of Mourning re bushfires in Victoria, poetry, speeches by Princess Anne, Governor General etc. (Hauser OK 2/22)
- 6035v **COLOMBIA La Voz del Guaviare** in SP 0240-0303*, romantic ballads, announcements, IDs, s/off with NA, fair level but overall signal suffering from QRM and noise (Alexander PA 2/28)
- 60496v **MALAYSIA Suara Islam/V of Islam** via RTM Sibul, Sarawak in Malaysian 1617, DJ playing pop mx, many IDs, choral NA followed by a pop song at 1702 s/off, f (Howard CA 3/1)
- 6060 **CUBA RHC Havana** in SP 0441, ID, talks by 2 OM about local economic and political topics, music breaks, discussion re Obama and economic crisis in US, f, //5965, 6180, 9600 (Serra ITALY 2/24)
- 6065 **ZAMBIA CVC Int'l** relay via Lusaka in EG 1601, news, several local items, PSA's "Help prevent malaria in Zambia" religious songs, weak and under China until their 1605* (Howard CA 3/4)
- 6075 **RUSSIA R Rossii** relay via Petropavlovsk in RS *0810-0900, local program w/ID, RS songs/ballads, ID in EG 0830, local news, fair with hum/warble sound (Howard CA 3/11)
- 60997v **MALAYSIA Suara Malaysia/VOM** Kajang in Burmese 1351-1459*, DJ playing pop songs, ID, choral NA, more pop songs, and s/off after choral NA (Howard CA 3/11)
- 6110 **ETHIOPIA R Fana** Addis Ababa in Amheric *0257-0400, IS, ID, into light jazz, talks, Horn of Africa music, good signal prior to 0327, covered by Albania thereafter (Alexander PA 2/28)
- 6130 **LAOS LNR** Vientiane in EG/Laotian 1414, "Welcome to New Dynamic English" feature with equal amounts of both languages, interview of business man (Howard CA 3/9)
- 6160 **CANADA CKZN** St. Johns, Newfoundland in EG 1015, "Labrador Morning" feature, marine weather, into CBC news, exc to threshold w/annoying flutter (Barker PA 3/6) in EG 1259, ad for music magazine "Q", CBC Hourly News w/ items on Australian wildfires and Montreal puppy mills, fair (Fraser ME 2/17) in EG 0014, interview w/author, CBC Radio 1 ID at 0058, Labrador weather report, into CBC News, fair w/sudden peaks to good (Ronda OK 2/27)
- 6240 **MOLDOVA WYFR Family Radio** relay via Kishinev in EG 2148-2200*, Harold Camping answering questions on Open Forum program, ID, request for letters and E-mails promising a bookmark in return, them music until s/off (D'Angelo PA 2/21)
- 6240 **MOLDOVA V of Russia** relay via Kishinev in EG 0200, IS, NA, ID, news, good (McGuire MD 2/27)
- 6255 **EGYPT R Cairo** Abis in EG 2203-2234, news, vocal, 5+1 time pips 2215, ID, cultural program with claim of "unbiased viewpoints about Islam", f-g (D'Angelo PA 2/21)
- 7110 **ETHIOPIA R Ethiopia** Addis Ababa in Amheric 0409-0436, OM singer w/Horn of Africa vocals, two OM w/discussion, f-g, //97042v poor (D'Angelo PA 2/17)
- 7130 **MALAYSIA Sarawak FM** relay via RTM Kuching in Bidayuh 1342-1400, DJ playing pop recordings, //5030 with QRM from CNR-l China (Howard CA 3/12)
- 7180 **TURKEY V of Turkey** in EG *2130, IS, frequency, sked, time pips, news, f (McGuire MD 2/18)
- 7200 **SUDAN Sudan Radio & TV Corp.** Omdurman in AR 0409-0427*, various men w/discussion, music ended the program at 0424 followed by news item, abruptly off 0427, f (D'Angelo PA 3/4)
- 7205 **SOUTH AFRICA BBC** relay via Meyerton in PT *0427, ID, Big Ben chimes, into PT programming starting with the news, f-g (D'Angelo PA 3/4)
- 7210 **INDIA AIR** Kolkata in HD/EG 0220, OM/YL discussion, ID in EG 0230, news items, ID in HD and into HD programming at 0235, f-p (Taylor WI 3/14) ED: Apparently Kolkata is former Calcutta

- 7245 **CHINA CNR-2** Beijing in CH 1236-1301, OM/YL with banter, music, announcements, 5+1 time pips at 1300, ID in EG, fair at best (Barbour NH 3/2)
- 7245 **MAURITANIA R Maurataine** Nouakchott in AR 0856, AR vocals and talk, ID 0900, news, one more selection of music after the news followed by a long talk, f (D'Angelo PA 2/23)
- 7250 **VATICAN CITY Vatican Radio** in EG 0730-0745*, news w/details of the Pope's coming visits to Angola, Cameroon, and Israel, website, bells of St. Peters, off a 0745 (Barker PA 3/12)
- 72704v **MALAYSIA Wai FM** via RTM Kuching, Sarawak in Iban 1406-1431, DJ with recordings, IDs for Wai FM, into rock and roll song after 1430, indigenous chanting (Howard CA 3/12)
- 7295v **MALAYSIA Traxx FM** via RTM Kajang in EG 1636-1709, promos for "Traxx Mobile" which will be at the historical city of Melaka giving away prizes, news update (Howard CA 3/13)
- 7325 **SRI LANKA VOA** relay Irana Wila in EG 0110, rpt on Pakistan, ID, econ news, g (McGuire 2/28)
- 7565 **MOLDOVA WYFR Family Radio** relay via Kishinev in Bengali 1406, preaching, mentioned Mary Magdalene, many mentions of Bible and Moody Bible, fair but clear (Hauser OK 2/23)
- 9330 **SYRIA Radio Damascus** in GM/FR 1844-1942*, talk in GM, Mid-East music, into FR at 1900, poor with low modulation, 12085 not heard (Alexander PA 3/15)
- 9460 **SLOVAKIA R Slovakia Int'l** in SP *2100, ID, fqy, sked, IS, national news, g (McGuire MD 2/18)
- 9525v **INDONESIA V of Indonesia** Jakarta in EG 1335-1404, talk about economic development in Indonesia, local music to 1402, into Mylaysiaian 1403, f (Alexander PA 3/6) in Malaysian 1445, local songs/vocals chimes, gongs, and s/off 1502* (Ronda OK 3/5) in EG 1502-1614, news, "Indonesian Wonders" about Indonesian arts and culture, feature "How to Speak Bahasa Indonesian", pop and rock songs on "Music Corner", into news in Bahasa Indonesian (Howard CA 3/11)
- 9535 **THAILAND R Thailand** in EG 2042, news, ID, gongs, into Thai language, f (D'Angelo PA 2/22)
- 9570 **ALBANIA China R Int'l** relay in EG *0000, ID, "News Reports", mention Obama, g (McGuire 2/27)
- 9575 **MOROCCO R Medi Un Nador** in FR 0743, up-tempo music, news headlines, lots of ads, promos and followed by long talk, exc w/no fading (Barker PA 3/5)
- 9580 **GABON Africa #1** Moyabi in FR 2025, hi-life music, FR/Afro pops, IDs, f (Barbour NH 3/2)
- 9615 **PHILIPPINES R Veritas Asia** Palauig in CH 1130-1155*, inspirational music, s/off with ID in EG, f-g (Alexander PA 3/6)
- 9635 **MALI RTV Du Mali** Bamako in FR *0800, several drums and flutes, IS, into talk and tribal music (Barker PA 3/9) in AR *0800-0835, local tribal music, talk, vocals, f, "72849v (Alexander PA 3/8)
- 9655 **RWANDA Deutsche Welle** relay Kigali in GM *0000, IS, fqy, sked, ID, news, f (McGuire MD 2/19)
- 9690 **NIGERIA V of Nigeria** Ikorodu in Hausa 0825, news of Africa, IS, ID, long talk (Barker PA 2/5)
- 9840 **RUSSIA V of Russia** relay via Petropavlovsk in EG 0541, dramatic reading of "A Night in May" - a story so good "it kept me until the end of the NA s/off 0600, good but deep fades (Stremple CA 3/6)
- 9840 **VIETNAM V of Vietnam** Hanoi in EG 2333, news read by OM/YL, ID 2340, p-f (Evans TN 3/3)
- 11610 **PHILIPPINES VOA** relay Tinang in EG 2248, news about General Motors in "Your Business", weather report for numerous US and Asian cities, editorial about Zimbabwe and human rights abuses, ID, news at 2300, fair w/some flutter (D'Angelo PA 3/8)
- 11630 **KUWAIT R Kuwait** in AR/EG 1755, end of AR service and into EG service 1800, NA, pips, ID, Islam program, g (McGuire 2/18)
- 11690 **RWANDA Deutsche Welle** relay via Kigali in EG 2120, beamed to Africa, program on turtle conservation and protection, RTTY QRM (Johnson NV 2/22)
- 11730 **ROMANIA RRI** Galbeni in AR *1500, IS, ID, fqy, sked, website, news, g (McGuire MD 2/26)
- 11765v **BRAZIL Super Radio Deus e Amor/Radio Tupi** in PT 0555, preacher, IDs, frequencies, website, BR ballads, back to the preacher, fair, //9565 poor (Alexander PA 3/15)
- 11885 **CANADA Chine Radio Int'l** relay via Sackville in EG 1315, news items on financial bailout and plane crash in Buffalo, g (Fraser ME 2/14)
- 11935 **PHILIPPINES R Veritas Asia** Palauig in Karen dialect 0018, vocals and talk, ID 0027 and into next program in Tamil beginning 000, p-f (Ronda OK 3/7)
- 11990 **KUWAIT R Kuwait** in EG 1800-1830, "Under the Umbrella of Islam", rock music (Turnick PA 2/23)
- 12085 **SYRIA Radio Damascus** in EG 2143, instrumental music, ID 2146, feature re Syrian civilization with short music breaks, vocals, fair but //9330 was poor (D'Angelo PA 2/21)
- 12090 **NORTHERN MARIANAS KFBS** Saipan in VT 2244, VT songs, talk which included this phrase in EG "the other woman in your marriage", wrap up of transmission w/website, postal address in Manila, and ID in EG, good signal w/rolling fades (Hauser OK 3/4)
- 12095 **THAILAND R Thailand** Udon Thani in EG 0044, ads, ID, features on several things from Thai temples to rice exports, weather report, chimes, gongs, NA and into Thai 0100 (Ronda OK 3/8)
- 15120 **NIGERIA V of Nigeria** Ikorodu in EG 1824-1850, ID, "Impressions" program on Nigerian lifestyles, local music, promos for "Evergreen" program, f (Wood TN 3/9) in EG 1708, "60 Minutes" feature with news, views, and commentary, ID, talk by OM, strong signal, some over-mod (Evans TN 3/5)

- 15180 **RUSSIA Aso Radio** (Nigeria) in Hausa *1600-1630*, s/on w/African music and announcements, talk in Hausa, signal too weak in noisy conditions to catch ID, Mon-Fri only (Alexander PA 3/13)
- 15595 **RUSSIA Deutsche Welle** relay via Petropavlovsk in EG 0026, ID, jingle, quiz aimed at South Asian listeners, DW Asian news, g (Hauser OK 3/6) ED: this transmission listed from 0000-0100.
- 15665 **USA Voice of Biafra Int7** relay via WHRI (Furman, SC) in EG *2100-2200*, Afro music, many IDs, talk in Vernacular 2111, then talk in EG about rights and freedom in Nigeria, WHRI ID at s/off, heard on Fridays only, vg (Alexander PA 3/13) Thanks to Glenn Hauser for tip on this one.
- 17660 **SAUDI ARABIA BSKSA** Riyadh in FR 1440, talk at dictation speed about Allah, birds tweeting in the background, poor signal but only makes it at all on better days (Hauser OK 3/1)
- 17705 **CUBA R Nacional de Venezuela** relay via Havana in SP 2024, ID, news about Hugo Chavez, strong signal (Stremple CA 2/23)
- 17895 **NETHERLAND ANTILLES VOA** relay via Bonaire in EG *1800, African service "Nightline Africa" with Ted Roberts, announcement re his retirement on 2/28/09, exc (Johnson NV 2/21)

Clandestine And Opposition Stations

- 5910 **JAPAN Shiokaze/Sea Breeze** via Yamata in EG 1400, opening w/piano music, ID, YL with request for information about abductees, poor but no audible jamming (Hauser OK 2/25)
- 5950 **ETHIOPIA V of Tigray Revolution** Addis Ababa in Tigrinya 0410, series of talks by various YL/OMs with some Horn of Africa musical selections, poor due to WYFR QRM (D'Angelo PA 2/19)
- 7165 **ETHIOPIA V of Peace and Democracy** Addis Ababa in Tigrinya *0358-0430*, Horn of Africa music at s/on, talk, local drums, good at s/on but poor after 0402 due to noise jammer and co-channel QRM, //95598v after 0420 (Alexander PA 3/6)
- 7175 **ERITREA V of the Broad Masses of Eritrea** Asmara in Amharic *0356-0420, IS, IDs in different languages, annmnts, brief HoA music segment, news, abruptly off 0420, f-g (D'Angelo PA 2/18) in Amharic *0355-0410, IS, ID, talk, covered by noise jammer at 0400 and moved down to 7165 but was followed by the jammer, still audible under the jammer (Alexander PA 3//8)
- 7315 **GERMANY Radio Dabanga** relay via Wertachtel in AR *0429-0447, opening w/music, announcem'ts and ID, news w/several more IDs during newscast, fair w/heterodyne from RFI (D'Angelo PA 2/27) in AR 0440-0527*, talk, many IDs, jingles, website, strong but loud tone on frequency, threshold signal on //13800 via Madagascar (Alexander PA 2/28)
- 7385 **RUSSIA Aso Radio** relay via Samara in Hausa *0529-0559*, s/on with African music and ID, talks, fair to good, heard weekdays only (Alexander PA 3/13)
- 9830 **GERMANY Radio Dabanga** relay via Wertachtel in AR 0515-0527*, IDs, very weak signal but much stronger on //7315 but with constant tone on that frequency (Alexander PA 3/15)
- 9880 **AUSTRALIA Furusato no Kaze** relay via Darwin in JP 1450-1459*, YL w/talk, chimes in background, choral music, announcements, web address and off 1459, fair (Ronda OK 3/4) IS heard on 3/5 s/on.
- 11745 **MADAGASCAR SW Radio Africa** relay in EG 1804, long interview with OM in Zimbabwe about political prisoners, ID, f (Taylor WI 3/1) ED: relay transfer to UK in March? - see below
- 11745 **UNITED KINGDOM SW Radio Africa** relay via Wooferton in EG 1814, OM interviewing several people on "Broadcaster's Forum" panel discussion program about MDC joining Mugabe government, ID at 1819, into Vernacular language 1820, feature "The Heart of the Matter" with an exiled former leader (D'Angelo PA 2/21)
- 11760 **GERMANY V of Oromo Liberation Front** in Oromo relay via Juelich 1610-1630*, local African music talk, abrupt s/off, fair, //9695 poor w/QRM, Sun-Tues-Thur only (Alexander PA 3/1)
- 11810 **GERMANY V of Oromo Liberation Front** relay via Nauen *1700-1715+, s/on with Horn of Africa music and ID, weak noise jammer, g-f, Sun and Wed only (Alexander PA 3/8)
- 11835 **GERMANY Adera Dimtse Radio** (Ethiopia) relay via Nauen in Amharic *1700-1730*, s/on with Horn of Africa music, announcements, talks, p-f with weak jamming, Sat only (Alexander PA 3/1)
- 11875 **ASCENSION ISLAND CTN-Cotton Tree News** relay in EG 0733, CTN news and IDs, Vernacular talk at 0740, poor, weak w/deep fades (Alexander PA 3/1) Aoki says relay is via Rampisham, UK??
- 15650 **SLOVAKIA Miraya FM** relay via Rimavska Sobota in EG/AR *1500-1525, open w/group singing, time pips, ID, announcements, news in EG, into AR program 1512, p-f (D'Angelo PA 3/8) in EG/AR 1608-1654, tune-in to AR talk, into EG 1615, talk about Sudan politics and human rights in Sudan, ID 1654, and back to AR, talk, p-f (Alexander PA 2/28)
- 17745 **PORTUGAL Sudan Radio Service** relay via Sines in EG *1500-1530, "Let's Talk" feature with radio-drama and discussion about women's rights and equality in Sudan, ID, talk, f (Alexander PA 3/15) 

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