

Quality Equipment From Universal Radio

RFspace

SDR-14



The RFspace SDR-14 is a 14-bit software defined radio receiver. It offers a broad range of spectrum analyzer and demodulation capabilities. The hardware samples the whole 0-30 MHz band using a sampling rate of 66.667 MHz. The digital data from the ADC is processed into I and Q format using a direct digital converter (DDC). The I and Q data is then sent to the PC for processing using a USB 1.1 interface. All of the demod and spectral functions are done on the PC side. The connection between the SDR-14 and your PC is the USB 1.1 jack on the rear panel.

Supported formats at this time include USB, LSB, AM, FM, WFM, CW, CWr and DSB. Filter bandwidths are continuously adjustable. DRM is now supported via special demod mode using third-party software (DREAM) by routing the demod audio through the mixer control.

The SDR-14 comes with a High Frequency (HF) amplified frontend with switched attenuators and 1Hz tuning. A direct input port to the analog to digital converter is also included. This port can be used to sample signals directly up to 200 MHz+. This port can also be used to connect downconverters and spectrum analyzer frontends. The SDR-14 also supports high resolution spectral captures using up to 262144 point FFTs. The maximum spectral display width is 30 MHz simultaneously.

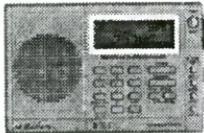
One of the most exciting features of the SDR-14 is the ability to record band segments of any band to hard drive in realtime. This is done at a rate of 52GB/day for a 150 kHz wide segment. The stored file contains everything that happened in that segment of the band for the duration of the recording. The fidelity of the file is superb with over 96dB of dynamic range. The recording can be played back at any time with full tunability and choice of demodulation modes. The recording can also be analyzed for hidden signals and carriers.

The SDR-14 comes with AC power supply, USB cable and computer CD.

Please visit the Universal website www.universal-radio.com to view screens shots, spectrograms and for complete specifications.
RFspace SDR14 Order #0014 \$999.95

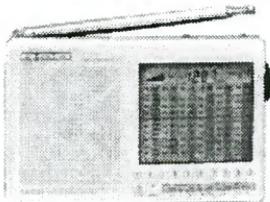
etón E100

The etón E100 is a stylish, compact portable digital radio covering AM, FM and continuous coverage shortwave. You can store up to 200 of your favorite stations. The built in clock has two turn-on timers and a sleep function. FM stereo is provided to the earphone jack and stereo or mono by switch selected. There is also a HI/Low tone control. Other refinements include: tuning bargraph, keypad entry, backlight LCD and flip stand. The display can simultaneously show tuned frequency and time. You can quickly change meter bands by just pressing "SW Meter Band" keys up or down. The E100 may be programmed to personal preferences and



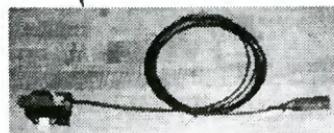
geographic location. The controls are easy to operate. This very cool radio is only 4.75 x 3 x 1.1 inches. Silver color. With earphone and 3 VDC jacks. Includes wrist strap, protective case, two AA cells and ear buds.
E100 Order #0100 \$99.95

KAITO-ELECTRONICS-INC. KA1103



The Kaito KA1103 is a dual conversion portable radio covering 522-1710 kHz (1/9/10 kHz steps) and SW 3000-29990 kHz (1/5 kHz steps). SSB is featured and 190 memories are available in 19 banks plus auto scan and auto memory. A built in clock has 3 alarms and wakes you to beeper or radio. The backlight LCD features a signal strength indicator. There are switches for: DX-Local switch, FM Mono-Stereo, tone switch and Wide-Narrow selectivity. Other refinements include: battery power indicator, lock and sleep. There are jacks for external antenna and stereo earphone. This radio comes with four AA NiMH cells, AC adaptor-charger, wrist strap, wire antenna, carry bag, stereo earbuds and Owner's Manual. Silver 6.5 x 4.1 x 1.2 inches.
Kaito KA1103 Order #0028 \$79.95

PAR ELECTRONICS EF-SWL



The Par EF-SWL is an end-fed short wave antenna optimally designed for 1-30 MHz reception. The radiator is 45 feet of genuine #14 gauge black polyethylene coated Flex-Weave wire (168 strands of #36 gauge woven copper). This material is very strong yet can easily be coiled like a rope for portable work. The UV resistant matchbox houses a wideband 9:1 transformer wound on a binocular core. Unlike other transformers, external stainless studs on the matchbox allow the user to configure the primary and secondary grounds for best noise reduction at their particular location. Output is via a silver/teflon SO239 UHF connector. The radiator also attaches via a stainless stud allowing it to be removed, or replaced with a different length radiator for experimental purposes.
Par EF-SWL Order #2205 \$57.95



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Except Alaska, Hawaii and Puerto Rico.

It's that time of the year once again... the **Winter SWL Festival** is just around the corner. The 18th annual Winter SWL Festival is next month! My how time flies so if you have not made your plans to attend, I would suggest making that an immediate priority. Join many of your fellow club members at the best radio gathering around. **Rich Cuff**, **John Figliozzi** and a team of energetic volunteers make this club sponsored event the place to be each March. It is a great event that brings together a lot of radio enthusiasts for a wonderful weekend of fun. As in previous years, we expect to have an international flavor to the event thanks to the Winter SWL Festival's worldwide following. A great program is on tap with events running late into Friday evening and all day Saturday. Continue watching Rich's *Easy Listening* column and the *Flashsheet* for last minute updates. You do not want to miss this event! Register now!!

Adventist World Radio's ("AWR") popular *Wavescan* program for shortwave radio hobbyists is now on a temporary hiatus through March. The program is moving from its home in England to AWR's Asia/Pacific region, where the new team is gearing up for full production. The new Asian version of *Wavescan* is scheduled to begin airing during the spring transmission period. Also, AWR has revised its procedure for issuing QSL cards, moving from one central contact address in England to several regional addresses. Effective immediately, the new contacts are as follows: (1) Listeners in the Asia/Pacific region: AWR Asia/Pacific, 798 Thomson Road, Singapore 298186, Singapore; (2) Listeners in the Europe region: AWR Europe, Whitegates, St. Mark's Road, Binfield, Berkshire, RG42 4AT, England; (3) Listeners in the Africa region: AWR Africa, P.O. Box 2522, Cramerview, 2060, Johannesburg, South

Africa; and (4) Listeners in North/Central/South America: Dr. Adrian Peterson, 903 Tanning Drive, Indianapolis, IN 46239, USA.

Dave McLaren (1904 1st Avenue #40, Rock Falls, IL 61071), who offers up two interesting Musings this month, is looking to organize meetings in his general geographic area so if you are interested please contact Dave. The club encourages members getting together and we offer the *Calendar of Events* as a way of getting meetings publicized on a regular basis. Also, we would love to hear how some of these groups are progressing through a musings or two. A success in one part of the country could lead to more successful groups meeting in other parts of the hobby world. Let us hear from you.

A. J. Janitschek tells us that Radio Free Asia's ("RFA") Technical Operations Division recently announced the release of the company's fourth QSL card scheduled for distribution between January 1, 2005 and March 1, 2005 celebrating 2005, the Year of the Rooster in Chinese Astrology. RFA's first QSL card, commemorated the January 22, 1997 visit to Radio Free Asia's Washington DC headquarters of The Dalai Lama. On the card is a picture from that visit of The Dalai Lama shown addressing the Radio Free Asia staff. This QSL Card was in circulation for over two years. The second QSL card commemorated the 2004 Games in Athens, Greece. RFA's third QSL card was published to commemorate its 8th anniversary in September. RFA welcomes all reception report submissions from all radio listeners at www.techweb.rfa.org (follow the QSL REPORTS link) and postal reports to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036, USA. The Winter SWL Festival will have the pleasure of AJ's attendance in Kulpville in March.

Once again, **T. R. Rajeesh**, Kerala, India informs us that "All India Radio Panaji is seeking reception reports for their shortwave broadcasts from Dxers." He is asking that this information be passed along to NASWA members. The AIR-Panaji (Goa) has two shortwave transmitters, each with 250 Kilowatts of power. Shri S. Jayaraman at the station is "very eager to check the quality of reception at the target countries." He is asking for listeners to "kindly monitor our transmissions at your leisure and mail a report to us. I will be extremely grateful to you for such feedback so that we will be able to improve the quality of our transmissions. Our address is as follows: Shri S. Jayaraman, Superintending Engineer, High Power Transmitter, All India Radio, P.O. Goa University, Goa-403 206, India." You can't ask for a better way to start the New Year than a request like that! Remember, Goa is a separate radio country on the club's radio country list so give this a shot.

Our previous note about sending reception reports for the All India Radio Bangalore transmitter generated some action from one of our members, **Robert McCurdy** in Camp Hill, PA who sent in a reception report. Bob has been an SWL since 1949 when he bought a \$39.95 Hallicrafters S-38A. He joined the club in the 1970's. Today he uses a Drake R-8A communications receiver and some smaller portables. Thanks for keeping us up-to-date Bob. We are always interested in what members are up to.

Tim Keeler, Association for International Broadcasting ("AIB") director of administration, retired in late 2004. Tim was one of the founding members of the AIB back in 1993. He managed the association's finances and worked on relations with many of AIB's partners around the world.

Speaking of the AIB, the new *Directory of Global Broadcasting* is available for 85 pounds worldwide. There are two editions, a December 2004 and a July 2005, containing the latest contact information for public and commercial broadcasters, television and radio, worldwide. It's a unique mix of data about broadcasters and organizations that support the industry and includes informa-

tion needed to tune to the world's broadcasters in three key languages. American Express, Delta, Diners, Eurocard and MasterCard orders can be placed with the AIB, P. O. Box 990, London SE3 9XL, England. If any member orders the directory, I would be very interested in hearing your thoughts about its content. A review to the Shortwave Center would be quite helpful.

According to well-known clandestine radio enthusiast **Mathias Kropf** in Germany, the activity of political clandestine stations broadcasting on shortwave has decreased by 28.5 % to 1229 Weekly Broadcasting Hours (WBHs). This is the lowest level of activity since 1999 and the second lowest ever since this survey has first been published in 1986, as compiled from his 2004 Clandestine Activity Survey. Further details from Mathias are available in this month's musings.

This month's *Musings* includes a tribute by **Bob Padula** on the recent passing of long time Australian DXer **Robert Chester**. By its nature, the musing I also an interesting look at changes in the radio listening hobby over many years.

The DX season is in high gear and the listening activity on the shortwave bands is terrific. Stay on top of the action with breaking shortwave news and information from the club's electronic *Flashsheet*. 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 **Ray Bauernhuber**, DXRADIO@webtv.net. Each week the electronic *Flashsheet* brings a lot of exciting, late breaking DX news and information to our members. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news. This is a service that is only available to our members. Deadlines are posted in the NASWA *Flashsheet* each week. Let's keep Ray busy with plenty of hot logs!

Please remember to direct all communications about subscriptions, bulletin delivery issues, Valentine's Day present ideas, the use of PayPal as a payment method, etc. to **Bill Oliver** at the club's Levittown address or to his electronic address, weoliver@comcast.net. The regular postal

address is the familiar 45 Wildflower Road, Levittown, PA 19057. Inquires sent to Wyomissing only slow down the process. Thanks!

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

Calendar Of Events

- Feb 18 Meeting. Philadelphia Area NASWA Chapter.** Kulpsville Holiday Inn, Kulpsville, PA at 7:30 PM. For more information contact Dan Cashin at 610-446-7831 or Internet: dcscpk@aol.com.
- Feb 18 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.anarc.org/naswa/badx/>
- Mar 12 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meets at the Lebanon Citizens' National Bank (LCNB), 425 West Central Avenue (Ohio 73), Springboro, Ohio at 7:00 PM. For more information contact Mark Meece at 937-743-8089 or e-mail at antennapig@siscom.net. For additional information about MONIX, check out their web site at <http://www.siscom.net/~mmeece/monix.html>
- Mar 11-12, 2005 Convention. The 18th Annual Winter SWL Festival**, sponsored by NASWA, will be held at the *Best Western—The Inn at Towamencin* (Kulpsville to the rest of us), located at Exit 31 on the Northeast Extension of the Pennsylvania Turnpike, on 11th and 12th March 2005. Richard Cuff and John Figliozzi co-chair the organizational committee. Of course, it's never too early to begin planning. Watch the pages of the *Journal* for registration information and other pertinent details. See you there!
- Apr 28- May 2, 2005 Conference. The European DX Council** will hold its annual conference in Prague from 28 April to 2 May 2005. The planned agenda includes visits to Radio Prague and Radio Free Europe. Tibor Szilagyi of the Hungarian DX Club is Conference organizer and for further information e-mail him at Tibor.Szilagyi@skf.com or check the EDXC website <http://www.edxc.org>.
- May 30-31, 2005 Conference. The Association of International Broadcasting Global Media Business Conference 2005** in Montreal, Canada on 30 and 31 May 2005 hosted by Radio Canada International. Further information about the conference will be available in the coming weeks or online at www.aib.org.uk.
- Jun 17-19, 2005 AGM and DX Camp. The Danish Shortwave Club International** will hold its annual general meeting (AGM) and DX Camp at the Scout Camp Vardeborg (Vejers Beach) on 17-19 June 2005. Further details will follow.
- Aug 2005 Get-Together. 2005 Madison-Milwaukee Radio Get-Together.** The 12th Annual Madison-Milwaukee Get-Together for DXers and Radio Enthusiasts will take place on a Saturday sometime in August. This year's venue will be Madison. Further information will be published as received and will also be obtained from Tim Noonan at DXing2@aol.com or 414 762-2702 in spring 2005.
- Aug 25-27, 2005 Convention. The International Radio Club of America (IRCA)** will hold its annual convention in Anaheim, CA on 25-27 August 2005 at the Days Inn (1111 South Harbor Boulevard, phone number 714-533-8830). Registration fee is \$25.00 with a banquet at a nearby restaurant. Convention host is Mike Sanburn.
- Members are invited to submit items to be included in this calendar to Rich D'Angelo (Internet: rdangelo3@aol.com) or Ralph Brandi (Internet: ralph@brandi.org).

Musings

This column provides a forum where members can express comments, ideas, and thoughts about NASWA or the SW radio hobby. Please feel free to comment on anything presented this month (or previous months). Opinions expressed here are solely those of the submitters. Please submit all Musings to Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610 or via email: rdangelo3@aol.com.

G. Victor A. Goonetilleke. 4S7VK, <victorg@stl.lk>, "Shangri-la", 298 Madapatha Road, Kolamunne, Piliyandala. Sri Lanka

Let me give some idea of what we are doing!

As President of the Amateur Radio Society in Sri Lanka it was wonderful even at a tragic time to tell you that the RSSL was able to link up South of Sri Lanka with the Prime Minister who comes from the South and that is where his people are. So we went in and established this HF link with the town of Hambantota. Our Amateur friends 4S7KE (Secretary RSSL), 4S7 AK (Treasurer RSSL) and DZ went in a 4 wheel drive approaching the coastal town of Hambantota from the interior as the main road along the coast was badly battered and full of debris and was impassable. So when all the cellular and all other means failed HF Radio stood bold and proud. It is so simple technically and although we didn't even have a TS 50 or such a small mobile HF set, we took an Icom IC7400 the best radio we have and two 12v batteries and dipoles some food and water and filled the rest of the vehicle with food for the displaced. I stood by in Colombo at the PM's along with 4S7VJ, 4S7 KG and 4S7AB and 4S5BA to run the link in and coordinate. We also had two hams on a mobile going along the coast of the South to assess and record damage.

I wish I could scream aloud and tell people in some high places that when all else is dead HF is alive. What do you do when your power goes out, telephones go dead and you can't even charge your batteries of your GTS or Mobile Phone? We had our Morse key handy if we had to operate with just 1 or 2 watts but the batteries held.

Well the Police Radio connected their links 12 or more hours later but the hams were there before anyone else. Most of the district is so badly battered it will take some time to restore utilities. We operated for 48 hours from the Prime Ministers disaster room and moved out and we are in fax contact now relaying traffic. We also have 4S7SW Sarath operating from another Southern Town "Matara" and two other stations 4S7WI, 4S6NM and others relaying and helping in the disaster traffic passing info to the coordinating center. We have 3 stations out there and we are trying to connect lost people, pass info on displaced camps and people and the movement of food and essentials. We are trying to expand our coverage but our resources are limited. Many other hams like 4S7DA, 7WN, 7EA 7CF, 7MM, and some more on HF and others on VHF are helping in the traffic.

Our roll has to change as the situation changes with Government links coming into operations, yet civilian communication lines and most damaged telecomms will take a long time. I am here at my desk with my land phone and mobile, a VHF radio and HF radio constantly tuned to our disaster communications frequencies trying to coordinate as best as I can. The Sri Lankan hams are playing part under difficult conditions and will continue to do so.

The Deutsche Welle relay at Trincomalee was unaffected and is in full operation as it is 3 miles inland and the Tidal waves didn't reach that far. However some local staff who live closer to the sea have been affected. The station was off the air for a few hours.

Mathias Kropf <100144.232@compuserve.com>, Maehr-Schoenberger-Str. 9, 36251 Bad Hersfeld, Germany

2004 Clandestine Activity Survey: During the year 2004 the activity of political clandestine stations broadcasting on shortwave has decreased by 28.5 % to 1229 Weekly Broadcasting Hours (WBHs). This is the lowest level of activity since 1999 and the second lowest ever since this survey has first been compiled in 1986.

Activity by clandestine stations on the Asian continent has decreased by 35% or 495 WBHs to now 920 WBHs with the five most active target areas (countries) all in a declining trend. Clandestine activity to target areas on the American, African and Oceanian continents has remained more or less unchanged from last year at 166, 127 and 16 WBHs respectively.

The three most active target areas worldwide remain exactly in the same ranking as one year ago: Iraq with 332 WBHs (-416 when compared with one year ago), North Korea with 168 (-49) WBHs and Afghanistan with 165 (-24) WBHs.

Despite the declining trend that is obvious in all of the figures above, it should also be noted that the number of different target areas active worldwide has increased by three to 24. So, the trend towards more diverse, but also mostly low-budget operations, is apparently still intact, and has been only temporarily overshadowed by operations on the Afghanistan/Iraq scenes.

Martin Peck, 100 Co-op City Blvd. Apt. 21B, Bronx, NY 10475-3838

Does anyone have any photographs that include myself, Chris Hansen, Bob Wirrell, John Kapinos, Peter Schipelliti, Chris Lobdell, Gregg Caliri, and Mark Zimarowski from the various BAD Men gatherings in the Boston, MA area and from Sam Barto's meetings in Black Rock State Park in Waterbury, CT? I'd gladly send a few cents or dollars depending on how many copies I'll need of the photographs. I used to have a number of them but somehow they got lost or were stolen.

Thanks! Martin Peck

David McLaren, NE9N, 1904 1st Avenue #40, Rock Falls, IL 61071

Since my last Musing, I have come across some information that might be very helpful to the club membership.

Sony might be in the process of discontinuing another model of their shortwave radio line. According to the 2005 edition of Passport to World Band Radio, the Sony ICF-SW-07 may be phased out of production but supplies of this radio are still filling orders for this radio. (It could be heard today and gone tomorrow.)

I would like to be put in touch with other owners of this radio to find out what it is like to change out the replacement ROM frequency chip. And if they experienced any problems obtaining and installing the new one. Could it be that the "powers that be" running the Sony company feel that since many of the countries have abandoned their external shortwave broadcasts that there is no more need for shortwave radios to be produced? I have also found out that Sony is no longer producing any "optional accessories" for their radios such as power supplies (AC to DC).

This is according to Universal Radio out of Reynoldsburg, Ohio. When I called them to inquire as to how to obtain a power supply for my Sony SW-1000T. I was told that Mr. Fred Osterman

will be publishing the new 4th edition of Shortwave Receivers: Past and Present sometime within 2005. It will be interesting to see what will be added to the new 4th edition. I can't wait!!

I have run across a website that may be helpful to the membership, The Alyx Guide to Shortwave Broadcast Antennas. There is a lot of information on this site. It may be worth looking into.

Unfortunately, this is all that I have to say at this time. Until next time... 73's & the best of DX! Dave

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

Here is an answer to David Ricquish's "Random Thoughts" in the December Journal.

I used to wonder as a kid why old people were so nasty. Well, now I am 72 and I now know. It is dealing with people and I have met all kinds.

CEOs and receptionists have no interest in us at all. Neither one rarely know what business they are in. It could be a radio station, bank, insurance agency, or new car dealership – it is all the same to them.

CEOs are concerned only with making a profit any way they can. When they take a job, they are often thinking of their next job. They also believe that they are immune. When did you hear of a CEO being fired?

To a receptionist, the job is "temporary." They are usually waiting for the rich, handsome bachelor to show up or the "Big Call from Hollywood."

Not all of them are like this of course but I've run into too many who are. Those people at radio stations who are concerned for us are the engineers and programmers. We should be very nice to them in our requests and not ask for the moon and then some.

Engineers are interested in our reception reports so that they have proof of how good their signal is. Reports of different times from different areas give them a pretty good idea of how the transmitters are working.

The writers, producers, and hosts of programs are also very interested in our letters. These people have worked very hard in getting a program together, polishing it up, then putting it on the air. No doubt, a number of the hosts have practiced long and hard to clearly speak some language foreign to them. I often wonder if these international broadcasters are not like the late night American DJs of the 60s with their plaintive cry: "Is there anyone out there listening?"

A CEO or Board member has convinced himself that no one is listening and all the electronic equipment should have been junked a long time ago. All the yelling in the world at them won't change the mind of a CEO or Board member one iota. "They know better" is what I have often heard. These people have one sole purpose in life – to come as close to a 100% profit and a 0% expenses one way or another, no holds barred; the ends justify the means.

So, I shall be kind to the nice people and ignore everyone else. I can do that. I am old and nasty.

73, Bob

Bob Padula, OAM <bobpadula@mydesk.net.au>, 404 Mont Albert Rd, Mont Albert VIC 3127, Australia

The world-wide radio monitoring community, has been saddened at the passing of long-time radio monitoring enthusiast, Robert Harcourt Chester, following an illness, at his home in the Adelaide suburb of Cheltenham, South Australia, at the age of 61, surrounded by his loving family and their music, on January 2, 2005.

My last conversation with Robert was in mid December, after a period of hospitalisation, and he was hopeful for a full recovery from the debilitating illness with which he had been inflicted.

I had known Robert for some 45 years, due to our shared interests in the radio monitoring hobby. Robert's initial involvement with radio monitoring began in the early 1960s. At that time, there was no Australia-wide DXing organisation, and Australian hobbyists enrolled in either or both of the New Zealand Radio DX League or the NZ DX Radio Association.

There had been an all-Australian DX Club in operation until around 1949, when it was abandoned due to lack of interest.

In the early 1960s, the few survivors in Adelaide of that early Club formed themselves into a very small, localised DXing group known as the South Australian DX Club. Robert was accepted into that Club and he also joined the New Zealand Radio DX League.

By the mid-1960s, interest in organized radio monitoring across Australia had increased, due to war-surplus communications equipment becoming available, and the first of the inexpensive Japanese-manufactured receivers had started to appear. Members of the two New Zealand based Clubs in Australia were lamenting the lack of a national, local Australian club, eventually resulting in the establishment of a completely new national organisation for Australian DX hobbyists.

Robert had strongly supported the concept of a new national Club, and was one of 23 enthusiasts, along with myself, who were the founding members of the new Club. He was the only foundation member in South Australia.

In January 1969, Robert took up his first official position in the new club, responsible for a key editorial function devoted to long-distance medium-wave monitoring. He held that position continuously for 20 years, until December 1989. During those two decades, he developed a superb

knowledge of Australian mediumwave broadcasting operations, meticulously researching and compiling the first "Australian Mediumwave Guide". In subsequent years, he produced several further editions of the Guide, which had become an accepted reference worldwide.

For several years in the 1970s and 1980s he was responsible for assembling the Australian mediumwave listings in the World Radio TV Handbook, a task which he undertook with a very high level of dedication, care, and an extraordinary attention to detail.

In mid 1967, he accepted a continuing responsibility which was to endure for ten years as a script writer and announcer for the weekly DX session "World at Your Fingertips", heard over the Victorian country mediumwave station 3NE, Wangaratta. This work was done in conjunction with me, alternating weekly.

In 1972, he joined the script writing team for Radio Australia's weekly DX program "DXers Calling", which was later to become "DX Time". He maintained that responsibility for a continuous period of 16 years, until the program's termination in 1988.

From late 1972 until 1986, Robert was the Manager of the South Australian regional Branch of the national Club. From mid-1986, he was appointed as the South Australian Advisor to the Club's Melbourne-based Management Committee.

In January 1973, Robert was awarded Life Membership of the national Club, in recognition of his outstanding service over many years to the Club and to the hobby. The Award was announced at the second national Convention of the Club, in Sydney. In my last conversation with Robert, he mentioned the Award, which he cherished greatly.

In his hobby career over some 45 years, his dedication, loyalty, and interest in were of the highest order, not only in supporting the Clubs he had joined, but also with his willingness to actively share his hobby activities and accomplishments, and to guide, help, and develop other persons who had entered the hobby.

He attended the first National Convention of the national Club in Melbourne in 1972, and many others which were held in various states until the last such event in 1985. Such was his commitment that he traveled from Adelaide via tiring overnight bus to the convention cities.

Robert had also been prominent in the "Southern Cross DX Club", a relatively small regional group based in Adelaide during the 1970s until its eventual abandonment some years later.

Whilst his main DX interests had been with medium-wave, he was also a very accomplished short-wave hobbyist. He was a volunteer technical monitor for the large German broadcaster Radio Deutsche Welle, a role which he had maintained for many years up to the time of his passing. He had also been officially recognized by various other international broadcasters for his volunteer monitoring efforts, and at various times he was a member of other DXing organisations outside of Australia.

He had also amassed many hundreds of mediumwave and shortwave QSLs, in his quest for QSLs from as many different broadcasters as possible. His reception reports were amazingly comprehensive. At the time of his passing, Robert was an enthusiastic member of the worldwide Electronic DX Press Radio Monitoring Association, based in Melbourne.

Even though Robert's demeanor was quiet, modest, and unassuming within the radio community, he was never afraid to make his views known, in a responsible and thoughtful style, for the betterment and advancement of the hobby and the organisations which he had joined.

Robert maintained many other interests. For many years, he was actively involved with FM Christian religious broadcasting stations in Adelaide, as a panel operator and presenter. Following his retirement from his employment in the South Australian Government Service, he established a modest mail-order business, and spent many hours in his beautiful garden. He was a dedicated member of the Lutheran Church.

Robert's contribution to the Australian monitoring hobby over four decades was outstanding. His loyalty, kindness, moral strength, and sincerity to everyone whom he knew are qualities which stand out amongst many others.

He never failed to offer strong moral support, inspiration, and encouragement to other hobbyists during times of sorrow, need, hardship, or any other adversity.

Robert is survived by his wife Beryl, sons Nathan and Paul, daughter Heidi, sisters Loretta, Royce, and Arlene, and their respective families. Robert was laid to rest on Thursday January 6, 2005, following a service at the Good News Lutheran Church, Albert Park, Adelaide.

All hobbyists who knew him are mourning his passing.

Sadly missed.

Doug Robertson, KCA6XO, Seahaven, 4045 Sunset Lane, Oxnard, CA 93035

Ray Steen requested information on (Guglielmo) Marconi's financial ability that financed his inventions. Marconi is noted for the first intercontinental wireless radio transmission in the history of communication in 1901, although Heinrich Hertz earlier in 1888 succeeded in the first transmission of an electromagnetic wave across a room.

Indeed, Marconi had an advantaged background. His father, Giuseppi Marconi, was a rather wealthy Italian country gentleman with an estate and his mother was Irish. A Google web site search on 4 January 2005 of Guglielmo Marconi revealed there are 175,000 references to him. So yes, there are biographies of him. Marconi began his experiments on his father's estate at age 20 in 1894. In 1896 in England he was offered assistance and encouragement, and filed for his first patent that year.

Marconi received many honors and several honorary degrees: he was created a knight of Italy (1902), made a freeman of Rome (1903), awarded half of the Nobel prize for physics, the Albert medal of the Royal Society of Arts and, in the United States, the Franklin Medal and the John Fritz Medal (1909); appointed Honorary Grand Cross of the Victorian Order (1914); sent to the Peace Conference in Paris (1919) as plenipotentiary delegate in which capacity he signed the peace treaties with Austria and Bulgaria; was created marchese (the equivalent to the French marquis or British marquess), a nobleman ranking above an earl or count and just below a duke and nominated to the Italian senate (1929); and chosen president of the Royal Italian Academy (1930).

When he died in Rome in 1937, he was accorded a state funeral by the Italian government. These honors, awards, stipends and salaries brought him much financial reward which enabled him to establish companies and corporations bearing his name. Marconi of Italy built high power shortwave transmitters, for example, one of which, Serial No. 3, is in use by KVOH in Simi Valley, California.

I hope this will whet Ray's appetite to read more of Marconi, a genius of his era, who contributed much to make possible our DX listening hobby.

73, Doug

David McLaren, NE9N, 1904 1st Avenue #40, Rock Falls, IL 61071

Here is a follow-up letter. Yesterday I got on the Sony USA website, and looked at the line-up of shortwave receivers that were listed. As mentioned in the 2005 edition of Passport to World Band Radio the Sony model ICF-SW-07 radio receiver was not listed. I would hope that there would be someone with better connections than I have that would be able to check out what is going on with Sony, and report back to the club why Sony is doing what

they are doing regarding their line-up of portable shortwave receivers. I would like to be put into contact with other club members that own this radio.

I would like to know if there are any other members of NASWA that live in the Sterling-Rock Falls Illinois area that would like to meet. Please contact me at the above address.

Until next time ... 73 and the best of DX!!! Dave

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

The Winter SWL Festival is near so if you have not made your plans as yet I suggest you begin to do so. The FEST promises to be another great time with many familiar faces, for better or worse, in attendance, hi! If you never attended a Winter SWL Festival, what are you waiting for? It is jammed packed with activities and there is always plenty of time to socialize. The Winter SWL Festival manages to combine the best of everything into one neat little package. I look forward to seeing many of our members there once again.

I received a register package from "The Great Socialist People Libyan Arab Jamahira, Voice of Africa." The package contained a brief note thanking me for my letter welcoming "opinions and contributions." There was a reception report form and a CD from the General People's Committee for Tourism. The CD was a rather amateurish affair and there appears to be some compatibility problems. The letter was signed by someone at Researches and Studies Section, Listeners Affairs. Anybody else receiving these mailings?

Okay, let's see what the postman brought this month. The new China Radio International relay from Albania verified quickly by e-mail seeking further reports from these transmitters. Cerrik provides a good listening opportunity to hear CRI. China Tibet PBS was a nice card after a long wait. Walter Brodowsky of T-Systems provided yet another e-mail verification for a user of the Jülich facility with a verification for Hamburger Lokalradio. For many years it was nearly impossible to verify North Korea direct from the USA. However, lately replies have been coming for direct reports including my current reply. Finally, the Voice of Nigeria cooperated after a wait approaching two years. Patience is a necessary attribute in seeking QSLs.

Although it will be history by the time this makes it to print, we are scheduled for our final DXpedition to French Creek for the DX season beginning January 30th (Sunday) and ending February 1st (Tuesday). At this point it looks like it will be just three of us this time out (John Figliozzi, Ed Mauger and myself) although Rich Cuff plans to join us for the "banquet" on Monday evening.

73, Rich

Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Bob Montgomery** (Address: P O Box 1458, Levittown, PA 19058). He will forward them to the appropriate editor. Remember, Bob also distributes QSL report information and totals for the **Scoreboard** column. He can also be reached through the Internet at: RMonty23@netzero.net.

NASWA

Visit our club home page on the World Wide Web at <http://www.anarc.org/naswa/>

FRENDX: Twenty Five Years Ago (February 1980)

Sixty-two new members were introduced in Roll Call including Karl Forth (IL) and Jerry Johnston (KY). In the headquarters column, Mac Leonhardt announced that Dave Valko was stepping down as Distributing Editor to be replaced by Greg Bares beginning in March. The third anniversary of Update published by Bill Oliver was noted. In February, 2,000 copies of Friendx and 650 copies of Update were mailed compared to approximately 1,500 and 500, respectively, when Bill took over publishing. Mac noted "Don't ever leave us Bill!" (I second that opinion!). Kevin Meyer, who resided in Peru, was offering station tapes of active Peruvian and Bolivian shortwave stations. The Shortwave Center featured another article about the DX-160 written by Diane Levesque. Roly Desrosiers wrote about "A Compact DX System." Larry Magne supplied information about the final WARC-79 band allocations and the Kenwood R-1000 communications receiver. Tom Gavaras wrote about Joe Adamov's visit to the United States in November 1979. The Publisher's Page featured for sale items from Dan Robinson (Collins 51-J-4), Mike Hardester (Yaesu FRG-7000), and Alan Roth (Hallicrafters S-53A). Bob Fraser asked members with portable radios to profile them in Friendx. Member Tom Mooningham was profiled as DXer of the Month in the ANDEX International.

On the Short Waves Update by Jerry Berg

<www.ontheshortwaves.com> Update, December 17, 2004—Under "CPRV," "QSL Gallery," we have added some amateur radio QSLs. The CPRV focuses on QSLs from broadcasting stations. However, occasionally we come across some distinctive ham QSLs that we include in our archives. Here are several, from the collections of Carroll Weyrich and Norm Maguire. The stations are: British Guiana, VP3THE (1937); Cuba, CM9AA (1951) and C07CX (1936); the Dominican Republic, HI2K (1936); Ghana, ZD4CF (1940); Canada, OX2QY, MacGregor Arctic Expedition (1938); Mexico, XE1G (1936); Uruguay, CX3BL (1937); and Thailand, HS6AB (1936).

<www.ontheshortwaves.com> Update, December 25, 2004—Under "Articles, Research, etc.," "Vintage Advertisements": During late 1944 and early 1945, Hallicrafters would offer cash prizes for letters from servicemen describing their experiences with Hallicrafters equipment. Every writer received \$1, and prize winners received from \$10 to \$200. Here are three ads for letter writing contests that appeared on the back covers of Radio News in October, November and December 1944.

<www.ontheshortwaves.com> Update, January 1, 2005—New links under "Shortwave History on the Net"—Under BROADCASTING ROOTS: (1) The Radio Boys <<http://www.keeline.com/Chapman/>> "The Radio Boys in the Flying Service," "The Radio Boys Under the Sea," "The Radio Boys With the Forest rangers"—these youth novels conjure up visions of radio's early "gee whizz" days. This site is devoted to The Radio Boys and other 1920s youth novels that were devoted to radio themes. There is an interesting table containing sales figures for these and other youth series. For a list of all the Radio Boys (and Radio Girls) books, see <<http://users.arczip.com/fwdixon/seriesbookcentral/radiob.html>> (2) Radio Club of America <<http://www.radioclubofamerica.org>> This club was founded in New York City in 1909 as the Junior Wireless Club. Among its members have been some of the biggest names in radio communications, past and present--Armstrong, Sarnoff, Hazeltine, DuMont, etc. Click on "History of the Club," and be sure to click "Next" at the bottom of each page to be taken on a grand text-and-pictures tour of the very earliest days

of wireless, and the club. (3) Rescue At Sea <<http://www.pbs.org/wgbh/amex/rescue/index.html>> This website highlights the PBS program "Rescue At Sea," which chronicles the collision of the passenger ships "Republic" and "Florida" in 1909, 47 miles off Nantucket. It was on the former that Jack Binns made his historic "CQD" transmissions resulting in the rescue of more than 1500 passengers. Binns became a celebrity (and in fact was named as author of the Foreward to some of the early Radio Boys books). Although the video is not viewable on line (it is available for purchase), the website contains a transcript of the entire program along with other interesting information. (Click on "Special Feature" and listen to "The Jack Binns Song.")—Under THE ARRIVAL OF SHORTWAVE: Admiral Byrd Radio Log <http://www.radiold.com/byrd/byrd_ephemera/byrd_scrapbooks/byrd_scrapbooks.htm> Here is an unusual and interesting display. Someone went to the trouble of taking detailed notes on many 1934-35 broadcasts associated with the second Byrd Antarctic Expedition, and typing them up neatly. These broadcasts were composed in part of one-way and two-way communications with the Byrd Expedition via shortwave, with additional material added in the United States. The final programs were then broadcast over various standard broadcast stations, which is what this listener was tuned to. Click on "Admiral Byrd Radio Log." There are 27 pages of notes, and it's about as close to hearing the real thing as you are likely to get some 70 years after the fact.—And under RECEPTION: Allied Radio <<http://www.alliedelec.com/AlliedHistory.asp>> Many SWLs who were active in the 1950s and 1960s will remember Allied Radio, the source of the popular Knight Kit line. The Allied catalogs delighted radio electronic enthusiasts everywhere. The company moved to Fort Worth in 1970 and is still in business as Allied Electronics. The company history appears on the company website.

<www.ontheshortwaves.com> Update, January 16, 2005—Under "Articles, Research, etc.," "Vintage Advertisements": What gear did you use when you first started listening? Here is kit builder Jerry Berg's entry (with graphics). His first receiver, circa 1958, was a Knight-Kit "Ocean Hopper" regenerative, from which he graduated to a Heathkit AR-3 with QF-1 Q-multiplier, and then a Knight-Kit R100 with a crystal calibrator. In the early 1970s he used a Heathkit SB-310 before moving to a used Hammarlund HQ-180A. "I still remember listening to ELWA on that 'Ocean Hopper.' It was early digital--the tuning dial was marked in 0-100 digits." What gear did you start out with?

WELCOME TO THE FOLLOWING NEW MEMBERS

DAN EDER, Mellon, WI
JOHN PULEO, Rome, NY
E.B. PEEBLES, Mobile, AL
ROBERT FLECK, Euless, TX
PAUL BLESS, Petersburg, AK
KARL LOOMIS, Marshall, MI
PETER NELSON, Milford, OH
TONY HAMMOND, Windsor, VT
STEVE GERMAN, Wyoming, MI
FEDOR ANDRIANOV, Fargo, ND
DAVID YETMAN, Brookline, MA
ALLEN R. BOLEY, Canyon Country, CA
MICHAEL S. RILEY, Commerce City, CO
WILLIAM P. BROWN, Independence MO
CHRISTOPHER CAMPBELL, Columbus, OH

Easy Listening

Richard D. Cuff • 42 North 37th Street • Allentown, PA 18104 • rdcuff@mochamail.com

WWRB—Some non-religious nuggets out there

I rarely write about the USA's commercial shortwave broadcasters in this column, primarily because the only programs they carry that I listen to regularly are the radio hobby programs. However, I was recently browsing Glenn Hauser's *DX Listening Digest* e-zine and Glenn had included an article posted at the website of **WBCQ's Lumpy Gravy Radio Show, Radio Free Mount Airy**, or <http://www.rfma.net/>. The unattributed article included the following two entries for non-religious/non-political programming.

Mike Gibson Blue Grass Music: Sunday at 0300 on 5085, and, **Mike Gibson Gospel Music:** Saturday at 0200 on 5050. Mr. Gibson provides some relief to all of the seemingly non-stop demagoguery on **WWRB**. His blue-grass music show provides a good cross-section of gospel-oriented country music, and is well worth a listen if conditions are favorable.

Amos and Andy/Uncle Ed's Musical Memories: Tuesday through Saturday at 0230 on 3185. Ah yes, Uncle Ed's masterful re-creations of the lost episodes of Amos and Andy, meticulously re-created from the original scripts in Ed's own voice. An outside observer may be immediately tempted to ponder the racist and stereotypical overtones of Amos and Andy, but we're not going to get into that here. This is a very entertaining show. You can also catch Amos and Andy Monday through Saturday at 0500 on WBCQ 7415. Uncle Ed's Musical Memories is a well produced music show that showcases popular music from the thirties and forties. This show is also heard on WBCQ 7415 Thursdays at 2330.

Radio Netherlands—quietly under the radar

We never spend too much time talking about **Radio Netherlands** in the column. It isn't because their programming is uninteresting—far from it! Radio Netherlands continues to maintain a shortwave service targeting North America, which is more than can be said for other large European international broadcasters, and Radio Netherlands also uses additional delivery methods (e.g. satellite radio via Sirius' WRN channel; CBC Overnight, Australia's ABC NewsRadio, and South Africa's Safm, live and on-demand webcast) to diversify their listener base.

Radio Netherlands' programming runs the gamut of current affairs, science, the arts, Dutch culture, and economic development; its programming maintains a consistently high production quality, in part because a program's presenter is often directly involved with the program production process as well.

Radio Netherlands targets North America four times a day, with a fifth broadcast on weekends. While their program schedule is listed in UTC on their website, the schedule shows *local days*, not UTC days which is NASWA's convention. For example, Monday 0200 UTC corresponds to Sunday 9 PM in Pennsylvania.

Here is Radio Netherlands' shortwave schedule corrected for strict UTC days:

UTC 0000-0100, 9845 kHz
UTC 0100-0200, 6165 kHz
UTC 0400-0500, 6165 and 9590 kHz

Sundays:

Europe Unzipped, a roundup of the week's news in a youthful, quick-take format

Insight, Rob Greene's somewhat irreverent look into issues making news both in Holland and abroad

Amsterdam Forum, a relatively new addition to the schedule, consisting of an expert topical panel discussion addressing listener questions posed via the web, postal mail, and telephone. The topics aren't exactly lightweight—they've included euthanasia, press freedom, and heroin addiction.

Mondays:

Wide Angle, a single-issue "behind-the-headlines" current affairs program produced by the **Newsline** team.

Vox Humana, a difficult-to-describe program that "...whispers intimate reflections of the ordinary and the extraordinary directly into the ear of the listener, connecting the human voice and the human heart," according to the RNW website. Program titles have included **Escaping God's Closet** and **Mind Over Marketing**.

Tuesdays:

Newsline, a "weekday" global current affairs program emphasizing interviews and background reports, along with a review of Dutch current affairs.

Research File, a magazine program about science, technology and discovery.

Wednesdays:

Newsline and **Euroquest**, a weekly European news digest hosted by Jonathan Groubert, who has won several awards over the years in the Sony radio competition. Stories tend to be somewhat under the radar, such as supermarkets for the over-50 crowd in Austria, but they're all European in scope.

Thursdays:

Newsline and **The Weekly Documentary**, a 30-minute program on a single topic, ranging from history to culture to science. Recent topics have included music

of the Baka pygmies of the Cameroon rain forest, Johannes Vermeer's paintings, and World War II's "Operation Market Garden". Programs are available for on-demand web-cast for several weeks, if you missed one on the radio.

Fridays:

Newsline and **Dutch Horizons**, a magazine on Dutch society, featuring current public debates on social policy, Dutch culture, and interesting Dutch personalities. The **Dutch Horizons** program archive is more comprehensive than others on the website.

Saturdays:

Newsline and **A Good Life**, a magazine on economic and human development. Example program titles include "Indonesian Press Under Pressure" and "Balkan Reconciliation through Video Letters."

UTC 1200-1300, 11675 kHz

Sundays: **Wide Angle**, **Vox Humana**

Mondays: **Newsline**, **Research File**

Tuesdays: **Newsline**, **EuroQuest**

Wednesdays: **Newsline**, **The Weekly Documentary**

Thursdays: **Newsline**, **Dutch Horizons**

Fridays: **Newsline**, **A Good Life**

Saturdays: **Europe Unzipped**, **Insight**, **Amsterdam Forum**

UTC 1900-2000 and 2000-2100, 15315 kHz, weekends only

Saturdays: **Vox Humana**, **Europe Unzipped**, **Insight**, **Amsterdam Forum**, **Europe Unzipped** (repeat) and **Insight** (repeat)

Sundays: **The Weekly Documentary**, **Wide Angle**, **Vox Humana**, **Wide Angle** (repeat)

Radio Netherlands actively solicits programming feedback; it's preferred if all e-mail is sent to letters@rnw.nl to ensure it's routed to the right people. Technical questions regarding radio reception should be sent to media@rnw.nl. As for other feedback methods:

Postal mail

PO Box 222
1200 JG Hilversum
The Netherlands

Phone

+31 35 6724 211 (main switchboard, not the old listener line)

Fax

+31 35 6724 239 (direct to the English language service)

(sources: RNW website, personal notes)

Memo to RCI: we can't hear you in the evenings!

RCI chose frequencies for its retimed North American evening release that have simply not propagated well to North America. As a result, it's been quite difficult to get the daily fix of *As It Happens* and *The World At Six* via shortwave. However, if you have heart set on hearing these programs, here are some options. In all the CBC Radio One and Radio Two instances, times will shift back one hour UTC during Summer Time.

The World At Six

2300 UTC: Try CBC's Northern Quebec Service on 9625 kHz. That may be increasingly feasible as the days get longer.

Otherwise, your only choices are webcasts unless you're within listening range of a CBC Radio One or Radio Two outlet.

2200 UTC: RCI's live English language webcast, listed as "RCI-1" at the website; also, CBC Radio One's Atlantic and Newfoundland time zone webcasts

2300 UTC: CBC Radio One's Eastern Time Zone webcasts; CBC Radio Two's Toronto webcast

0000 UTC: CBC Radio One's Central Time Zone webcasts

0100 UTC: RCI's live multilingual webcast, listed as "RCI-3" at the website; also, CBC

Radio One's Mountain Time Zone webcasts

0200 UTC: CBC Radio One's Pacific Time Zone webcasts

As It Happens

There are a variety of ways to hear *AIH*. First, on shortwave, try:

2330 UTC: CBC's Northern Quebec Service on 9625 kHz, as noted above. All other options are non-shortwave:

2230 UTC: Same options as for *The World At Six* at 2200

2330 UTC: Same options (except no Radio Two) as for *The World At Six* at 2300; ditto at 0030, 0130, and 0230

0000 UTC: Sirius satellite radio's *PRI World* channel airs an hour of *AIH* on UTC Tuesdays-Saturdays; also at 0500 UTC

0130 UTC: The RCI-3 multilingual satellite/webcast feed, as noted above for *The World At Six*; also, the RCI-1 English feed at 0530.

Whenever you want, UTC: The on-demand webcast, available at <http://www.cbc.ca/aih/>; click on **Past Shows**.

Also, many US public radio stations air an hour of *AIH* local weekdays; this includes the following webcast times, all UTC Tuesday-Saturday unless otherwise shown: 0100, 0130, 0200, 0300, 0400, 0500, 0700 and 1100 (weekdays).

The best way to find all the webcast listings is via Kevin Kelly's *Public Radio Fan* website, URL <http://www.publicradiofan.com>; click on **Programs by name** and then the letter **A** to see the listing for *As It Happens*.

Is this extensive list overkill? Yes, perhaps, since many people aren't interested in listening to webcasts. However, I wanted to highlight the fact that there are many ways that listeners motivated to find a specific program can seek that program out.

Meanwhile, RCI has suggested that the early evening (2300-0100 UTC) North American release may return to the program schedule as of next winter. Shame it couldn't be before then. If you want to help hasten that decision, send an e-mail to info@rcinet.ca and let Bill Westenhaber & crew know how much you'd appreciate an improved schedule.

BBC World Service highlights

Just time for a few entries here:

Wednesdays, beginning February 2nd, 1505 and 2205, repeated Thursdays, 0205: **Discovery** begins a new three-part series, **Ocean Blues**. The oceans cover nearly three quarters of the earth's surface. Overfishing, global warming and pollution are all having an effect on marine life, with far-reaching consequences. Andrew Luck-Baker looks at the state of the world's oceans and asks the experts if it's too late to save our seas.

Wednesdays, beginning February 2nd, 1545 and 2245, repeated Thursdays 0245: **Heart & Soul** presents a new three-part series, **The Root of All Evil?** focusing on the messages different religious faiths have regarding money. Sacrificial giving for masses for the dead in the Catholic church, the giving of alms in Islam, and "prosperity teaching" practiced in some evangelical circles are all reviewed.

Mondays, beginning February 7th, 1405, repeated Tuesdays, 0105: **Islam's Furthest Frontier** is a new four-part series profiling the Islamic faith in four countries in Southeast Asia: the Philippines, Thailand, Malaysia and Indonesia. The tenuous compatibility of Islam with democracy and modernity is explored in these countries; the series is hosted by Roger Hardy, the Islamic Affairs specialist for the World Service.

Wednesdays, 1405, repeated Thursdays 0105, beginning February 9th: **Young in the Arab World** is a new four-part documentary series traveling to Beirut, Egypt, Bahrain and Morocco to examine what it means to grow up in these societies. More than half of the 250 million people in the Arab world are under age 25, and their countries generally offer little opportunity for employment or for political participation. Even the commercialized state of Bahrain limits the freedoms girls can experience on their own.

Thursdays, beginning February 10th, 1530 and 2230, repeated Fridays 0230 and Saturdays 0430: **Sports International** features a new two-part series, **The Sports Detectives**, investigating such issues as the lack of Asian soccer players in the English Premier league; why the "World Series" in baseball only includes US and Canadian teams, and why Kenya has a corner on the market of middle-distance runners.

One Month until the Winterfest!

The forum schedule for the 18th Winter SWL Fest in Kulpsville, PA has been posted at the Fest website, <http://swlfest.com>. Scheduled presenters include such regulars as the Scanner Scum and NASWA *Technical Topics* editor Joe Buch; we're especially privileged this year to have Bob Zanotti and Ian McFarland join us as forum presenters as well.

A full-size registration form can also be downloaded there if the smallish form here in the *Journal* is hard to use. **Early registration (before March 1st) will save you money and help us better manage Fest finances!**

Until next month, 73 DE Richard



WWW Shortwave Listening Guide

Looking for programs to listen to? You can find what programs are on for the current hour or list programs of a desired type on a given day at the **www Shortwave Listening Guide** on NASweb. The data is provided by *NASWA Journal* and *Monitoring Times* columnist John Figliozzi, and comes from his book, *The Worldwide Shortwave Listening Guide*. Visit the Guide at <http://www.anarc.org/naswa/swlguide/>.



Shortwave Center

Jerry Lineback • 506 South Lawrence Avenue • Scranton, KS 66537 • jalinebk@satelephone.com

DX Target: Rádio Difusora Roraima

By Richard A. D'Angelo

In the days of dwindling numbers of shortwave stations, Brazil still offers DX'ers plenty of opportunities to log and verify shortwave broadcast opportunities from Latin America. With the recent upsurge in replies from Brazil, there can be few better places for a DX'er to spend his/her time reporting these days. Rádio Difusora Roraima in Boa Vista, Brazil represents one of these opportunities that shouldn't be missed.

The City of Boa Vista and the State of Roraima

Boa Vista is one of the most beautiful cities in the northern region of Brazil. It is considered a true jewel of the area. With a tropical climate, temperatures range between 20° C and 36° C.

The city of Boa Vista is the capital of the State of Roraima with a population of 248 thousand inhabitants. The total area of the State of Roraima is of 225,116 square kilometers. The State borders Guyana to the north and east. The Brazilian States of Amazon and Pará border to the South and the State of Amazon and Venezuela border to the west. Roraima is the extreme northern point of Brazil. The economy of the State is based on the farming, mining and employment in the government services sector.

Europeans first came to this region because they heard stories of great wealth in the area. In 1775, Portugal commanded the construction of Fort Is Joaquin. In 1787, cattle were introduced to the region making it one of the first economic activities. In 1830 the first farm of bovine cattle, the Boa Vista Farm, was established. In 1858, the population increased in size and Boa Vista became a village. The city of Boa Vista

of the Rio Branco was created in 1890. In 1943, the territory of Roraima was created. In 1988 the approval of the creation of the State of Roraima, together with Amapá and Tocantins, took place.

Since 1991, Boa Vista has been the capital of the State of Roraima. The city is drawn in fan form, with wide, well illuminated streets, with the main avenues leading to the Civic Center and beautiful monuments. In the last few years the city has been modernized. Boa Vista is a great national and international tourist attraction.

The biodiversity of the region is a wonderful gift for the travelling visitor. To the South, a dense and abundant tropical forest, rivers of great volume, inhabited by exotic fauna and flora. In the central region, the cultivated fields becomes the horizon, clear and beautiful. To the north, the border is a region of mountain ranges, above 1,000 meters of altitude, with a climate that varies from 27°C to 10°C.

The folklore of Roraima contains elements of great cultural wealth, characterized for the aboriginal dances, the habits and the vocabulary replete with deriving expressions from the various local dialects. The attraction of tourism serves to develop aboriginal areas, many waterfalls and lakes, and the Amazonian tropical forest. Roraima also is the habitat of various aboriginal nations. Animal wildlife is plentiful in the region making it an area of ecological interest for tourists.

The Station

Rádio Difusora Roraima is operated by the Government of the State of Roraima and is managed by Galvão Soares. The transmitter was installed on 4 January 1957. During these many years of activity, the station

has provided invaluable service to the community and is proud of its contributions to society. The programming is a blend of information, interviews, national and international music, entertainment features and letters from its listeners. Rádio Difusora Roraima operates with 10 kilowatts of power on medium wave on 590 kHz and tropical band shortwave on 4875 kHz.

The station has invested in new, modern digital transmitters that are equipped with liquid crystals, which will permit better tuning and audio quality. Improving the station is a high priority at Rádio Difusora Roraima.

The station receives reception reports and other letters from around the world on a regular basis. On a monthly basis the station receives letters from "the exterior" from locations such as Canada, United States, Italy, Sweden, and New Zealand. The station is proud to answer letters received from its listeners from around the world.

In July 1955, the then candidate for President promised installation of electric energy and a radio station in Boa Vista. After election, Juscelino Kubtchek kept his promise with the establishment of Rádio Roraima. In late 1956 to early 1957, the station was established in rooms in the Division of Education, today state office of the Secretary of Education. On 4 January 1957, transmission from Rádio Difusora Roraima, ZYA-1, on a frequency of 4,835 KHZ with one kilowatt of power, began.

The programming was constantly interrupted due to the rationing of electricity by the government. On 4 January 1957 the station was officially inaugurated with President Kubtchek in attendance. Later, the station offices moved from the Division of Education and were installed in a room of a small building of the Electric Company Head Offices of Roraima. In 1960, the station was transferred to the Division of Education.

In 1975, TV Roraima was inaugurated. With the arrival of television, part of the radio audience was transferred to TV Roraima from radio programs carried by Rádio Difusora Roraima. On 12 September 1977,

Rádio Difusora Roraima was absorbed by the Federal Government and incorporated into the Broadcasting Brazilian Company, Radiobrás, calling it Rádio Roraima.

Radiobrás had as its programming objective to inform Brazilians in the northern region of government news through the program "A Voz do Brasil" and to play popular Brazilian songs. The benefits brought by Radiobrás were an improvement in the quality of the service, improvement in the programming and better news journalism. In 1981, Radiobrás transferred operations to the present building at Avenida Ene Garcez - Saint Neighborhood Francisco.

In 1983 an FM station was launched. However, after a few short years, the FM radio station was sold to a local political group in 1989. The Foundation Rádio Difusora Roraima is, at present, subordinate to the Coordination of Communications of the Government of the State.

Here is a look at the station's Monday through Friday program issued by the production department. The first column gives the local time followed by the name of the program and the name of the host(s).

03:00X3:55 h	RAZÃO PARA VIVER
04:00X5:55 h	BOM DIA RORAIMA MIGUEL BARROSO
06:00X6:25 h	A VOZ DA ASSEMBLÉIA DE DEUS
06:30X7:25 h	JORNAL 4º PODER NETO ARAÚJO
07:30X7:55 h	SIGABEMCAMINHONEIRO SÉRGIO REIS
08:00X10:55 h	LADO A LADO BENJAMIM MONTEIRO E RAQUEL FERNANDES
11:00X11:55 h	NA ONDA DA EDUCAÇÃO JEREMIAS NASCIMENTO
12:00x12:25 h	COMANDORR DENOTÍCIAS BENJAMIM MONTEIRO E CIDA LACERDA

12:30X13:25 h	BOLA NA REDE	LINO JR E ADÍLIO BEZERRA	13:30X15:00 h	SORRINDO COM A ROSE
13:30X14:55 h	POP HITS	SIDHARTHA BRASIL	15:00X16:55 h	MUSISPORTE EQUIPE ESPORTIVA
15:00X16:55 h	SHOW DO POVO	SEBASTIÃO CORTEZ	17:00X18:55 h	ESPECIAL SETANEJO TONY SOUZA
17:00X17:55 h	VOLTANDO PARA CASA	NETO ARAÚJO	19:00X19:25 h	MENSAGEIRO DO AR TONY SOUZA
18:00X18:55 h	A VOZ DO BRASIL		19:30X20:55 h	A VOZ DA ESPERANÇA MALU
19:00X19:25 h	O MENSAGEIRO DO AR	ISAC NOGUEIRA E LINO SILVA	21:00X22:55 h	SÁBADO.COM VOCÊ FRANCIS SOUZA
19:30X19:44 h	JORNAL COMANDO RR DE	NOTÍC. II ED. ISAC NOGUEIRA E LINO SILVA	23:00X00:55 h	SINAL VERDE AURINO SILVA
19:45X20:25 h	RORAIMA RURAL	RICARDO GOMES	01:00X01:55 h	CULTURA ATIVA
20:30X22:00 h	RÁDIO MOVIMENTO	VÂNIA RUFINO	02:00X05:00 h	DETALHES DA MADRUGADA JESUS FILHO
22:00X22:55 h	SHOW DA NOITE D'	BARROS	The broadcasting week ends with the following programs scheduled for Sunday.	
23:00X23:25 h	JORNAL NACIONAL	REDE	05:00X06:25 h	A VOZ DA ASSEMBLÉIA DE DEUS
23:30X01:25 h	A NOITE COMEÇA	AGORA FRANCIMAR SILVA	06:30X07:25 h	A VOZ DO PRODUTOR RURAL
01:30X03:25 h	A HORA DO GALO	CARLOS MARIANO	07:30X08:55 h	DOMINGO CRIANÇA ALHAÇO XUXU
On Saturday the following program schedule is in place.			09:00X11:55 h	CAMPEÕES DE AUDIÊNCIA ROBERTO BASÍLIO
04:00X05:55 h	EU DE CÁ, VOCÊ DE LÁ	SIDIMAR MOTA	12:00X13:55 h	CASA DE BAMBA JORGE ARAGÃO
06:00X06:55 h	A VOZ DA ASSEMBLÉIA	DE DEUS	14:00X19:25 h	DOMINGÃO ESPORTIVO ADÍLIO BEZERRA/LINO JR
07:00X08:55 h	MANHÃ TOTAL	SEBASTIÃO CORTEZ	19:30X20:25 h	SANTA MISSA DIOCESE DE RORAIMA
09:00X10:25 h	COMUNICAÇÃO NO AR	(UFRR)	20:30X22:25 h	TOP BREGA RIBA ALVES
10:30X11:25 h	ENFOQUE MUNICIPAL	FRANCISCO CÂNDIDO	22:30X23:55 h	PROGRAMA JABER XAUD
11:30X13:25 h	TEMPO DE EMOÇÃO	ADAILTON GALVÃO	00:00X03:25 h	DETALHES DA MADRUGADA JESUS FILHO

After 16 years of absence (1981-1997), Galvão Soares returned to the station on 6 November 1997 as the Director of Rádio Difusora Roraima. After periods of training in Brasilia and in National Radio, Galvão Soares was invited to operate the station. Upon returning to Rádio Difusora Roraima in 1997, he found some old colleagues still at the station.

With improvements in mail service to and from Brazil, Rádio Difusora Roraima has become a reliable verifier of shortwave listener reception reports. Portuguese language reception reports with adequate return postage can be sent to the station in care of Station Manager Galvão Soares at:

Radio Difusora Roraima
Galvão Soares, Diretor
Avenida Capitaio Ene Garcez 830
Roraima
Brazil

Or, you can try reaching the station electronically through its e-mail address: radiorr@technet.com.br. However, don't expect to see a postal reply from an electronic reception report.

As always, remember to send in those Rádio Difusora Roraima logs to electronic *Flashsheet* editor Ray Bauernhuber and to Dan Ferguson for the *Log Report*. Of course, QSL verifications should be sent to Sam Barto for inclusion in the *QSL Report* column. Good luck with this DX Target.

Bandscan analysis of Radio Handbooks for 2005

by Anker Petersen, Denmark, 04 January, 2005. © DSWCI

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

Again this year the publishers of the 2005 editions of the World Radio TV Handbook (WRTH), Nicholas Hardyman, UK, and of the Shortwave Frequency Guide (SWFG), from Joerg Klingenfuss, Germany, sent me review copies of their latest Handbooks for a comparative analysis. On 28 October 2004 the B04 winter schedules became effective. I received the Handbooks around Christmas. Within the few days available since then, I have analysed and compared their value to the SW Broadcast Dixer.

The WRTH 2005 looks thinner than the 2004 Edition, but once more it contains 688 pages about Broadcasting. It is, however, on thinner and whiter paper, nicely printed. The SWFG 2005 contains 508 pages (307 about Broadcasting and 201 about Utility stations). Its predecessor had 532 pages. At the same time Klingenfuss has published the 2005 Super Frequency List (SFL) on

a CD-Rom with the same total of 19,000 entries.

The new WRTH costs £ 22 from the Publisher in England or 34 Euro for members of the DSWCI from Hein Radio Bookshop in Germany, while the SWFG costs 35 Euro from the Publisher, Klingenfuss. The SFL costs 25 Euro, but the package price for SWFG + SFL is 50 Euro. Prices include postage and handling.

Bandscanning

As in my analysis a year ago, I did not choose the traditional way of reviewing each section in the Handbooks. Instead I scanned through the shortwave bands randomly, selected 50 broadcast stations and identified them 100%, no matter what language. I then checked in the two Handbooks, if each particular broadcast heard, was mentioned in the Country Section and in the SW frequency list (Station name and frequency). Half of the stations carried domestic broadcasts, and half of them international broadcasts.

Every DXer, in Europe at least, has the possibility to listen to the same stations and check my loggings. The list with my detailed analysis will be published on our home page, Latest News.

Analysis

I consider the following details to be *essential* for the DXer during his listening and identification of the transmitter and broadcast:

- Station name,
- Exact language,
- Scheduled broadcast time,
- Exact frequency and
- Transmitter site.

Thus it was checked for each logging, if the Handbooks have these details and they are correct. This is then marked "+" in my detailed analysis.

I still consider it *useful*, if the Handbooks can provide the DXer with additional information about Geographical Coordinates for his propagation calculations and ID in the language heard. Furthermore it is necessary to know current addresses (postal, e-mail and web) and QSL-policy for his reception report writing.

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

Every DXer, in Europe at least, has the possibility to listen to the same stations and check my loggings.

Comparison

I then counted how many of the 50 stations heard which had *all essential* details correct (each figure out of 25 possible):

WRTH		SWFG	
Inter.	Domestic	Inter.	Domestic
<i>Country Section</i>			
22	23	21	19
<i>Frequency List</i>			
24	24	23	24

Sum converted to %

	WRTH	SWFG
Country Section	90	80
Frequency List	96	94

For identification purposes, it is necessary that *all* the *essential* details are readily available in the *Country Section* of the Handbook. This was found to be the case in **90% (78%, 68%)** of the checks in the **WRTH**, and **80% (80%, 74%)** in **SWFG**. (In brackets are the results from 2004, 2003). Particularly the WRTH has steadily been improving this Section.

Please be aware that changes in broadcast schedules occur nearly each day and also during the period from the editorial deadline till the printed Handbook reaches the listener. It has always been so. Because of this, it is impossible to achieve a 100% score! I must state that the *Country Sections* in both Handbooks are very comprehensive and accurate.

In both Handbooks the *Frequency Lists* are very up-to-date!

Both Handbooks cover Clandestine stations well, but as for other broadcasting stations, the list in the WRTH has much more details about the stations.

Conclusions

It is evident that the editors of both Handbooks once more have done a tremendous work to gather up-to-date broadcasting schedules and other information for the B04 period and both have succeeded in this! Each of the Handbooks is useful for the DXer and ordinary shortwave listener. I need both Handbooks for my broadcast DXing on shortwave, because they supplement each other. The details published in both of them are at a very high accuracy level and can hardly be much better!

An important feature when searching for and identifying broadcast stations, is their complete frequency schedules, so that all parallel frequencies can be checked. The schedules are easily available and very complete in both Handbooks.

The **SWFG** is a Frequency List with SW schedules, but without any other details about the stations. It is in English. On page 206 is an interesting article about "The digital future: DRM is here!"

I prefer the **SWFG** when I scan the SW broadcast bands, because the current schedule and language is added to the Frequency List. Moreover, the **SFL** CD-Rom is unsurpassed with its search capability on a PC: In a split-second you are able to get all entries in either frequency-, station-,

country-, language- or timeorder which is extremely useful for the shortwave listener.

The German editor, Joerg Klingenfuss, and his staff has put a lot of effort to make it as up-to-date as possible.

But I am afraid that the ordinary Broadcast DXer does not have any use of the many Utility pages, so I suggest again this year the book split up into two cheaper publications in the future.

In contrary to the **SWFG**, the **WRTH** also contains LW, MW, FM and some TV information. Therefore I use this Handbook when I DX on these bands or need more information about SW stations.

The 2005 Edition of the **WRTH** contains tests e.g. of JRC NRD-545G and the PC-based Winradio G313i and interesting articles such as "Ancillary Equipment", "Managing the HF Spectrum" (Mike Still of VT Communications), "Digital Radio Update" and "World Music Radio".

Again this year, I can recommend serious DXers to buy this "DXers Bible"! It is really a **MUST!** My congratulations to Publisher Nicholas Hardyman and his international team.

Best 73, Anker



FOR SALE: Klingenfuss 2002 SW Frequency Guide, \$20.00. WRTH 1997 \$8.00; 2000 \$12.00; 2001 \$14.00. Perry Ferrell's RTTY Frequency Guide, 2nd Edition \$5.00. Confidential Frequency Lists, 6th Edition \$8.00; 7th Edition \$10.00. Complete NASWA Journals 2002 \$12.00; 2003 \$14.00. All items include shipping (overseas shipping extra). Cashiers check or money order only, please. Al Drehman, 389 Laurel Heights Lane, Tryon, NC 28782-6643. Email aldreh@alltel.net. Phone 828-894-3398. No collect calls, please.

Equipment Reviews

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

DXtreme Reception Log 2002 Version 5.0

by Ed Stroh

A few months ago I was looking for a shortwave listening software program for my computer that would record loggings etc. I believe that I read somewhere about the Dxtreme Reception Log 2002 and then looked it up on the Internet. At the website, Dxtreme.com, I found all the information I needed to help me decide if this was the program for me. There is a tour of the program available at the website. I highly recommend that one takes this tour before deciding to buy the program. Once you take the tour you will see as I did that it is well worth the \$79.95 purchase price.

Take the tour

As you will see in the program tour on the Dxtreme Software website, this program does many things for the shortwave listener as well as any radio monitoring enthusiast, AM, FM, TV, etc. You can enter in all the usual logging information such as date, time, frequency, station name, transmitter site, etc. but you can also enter in all the reception details too. This includes SINPO codes, program details with times for each detail, what radio receiver you used to hear the station, what antenna you used, what accessory you might have used to enhance the reception such as a noise filter etc., the language of the broadcast, and so on. By the way, you don't have to type in the radio, antenna or accessory that you used every time you enter a logging. You enter all your equipment information one time when setting up the program and then just choose the radio, antenna, etc.

from drop down boxes when entering a new logging. One can even make a recording of the broadcast straight from the receiver to the computer via a cable plugged in to the line output of your radio and the line input of your computer and the recording will be attached to that logging and saved in a WAV file. You can then edit and play the recording anytime. You can even export the WAV sound file into an e-mail message and send it to whomever you wish.

QSLing

All the verification status information is there too if you decide to send a reception report. Database fields are included for whether or not you sent a reception report, if return postage was included and what type of return postage, date the reception report was sent and what language the report was sent in. When the QSL arrives you enter the date received and it calculates how long the report took to be verified. You can also enter the QSL signer and a final special feature that I thought was really neat. You can scan the QSL card or letter with your scanner and the scanned image is attached to that logging file. It can be edited and viewed any time on the computer screen, both the front and back of the QSL. You could even print out a copy of the scanned QSL image on your printer or attach it to an e-mail.

There is also a place to enter the station address information and e-mail address. The reason you would enter in this information is so you can send them a reception report. DXtreme Reception Log will

take the program details and all the other information that you entered pertinent to the reception of that particular station and then generate a paper reception report for you to send via U.S. mail. If you want to send an e-mail reception report it will do that for you too. It can create a paper or e-mail reception report in 4 languages, English, French, Spanish and Portuguese. It even has foreign words and phrases that you can look up to fill in the report. If the various reception report formats that are provided with the program don't suit your tastes then it allows you to create your own format that the program is able to fill in with the various details that you entered in the logging.

Data manipulation

In addition to all these great features mentioned above, one can also do various searches of your data. You can search by station, country, date, continent, etc. You can also create performance reports rating the performance of your listening activities by stations, continents, date, frequency, band, language, antennas used, radios used, QSL returns and so on. It will give you the percentages of your performance in the reports. If you just want to view a report of all the stations that you heard and or verified in a particular continent, or with a certain radio or antenna, or broadcasts in a particular language, then all that is also available. All these various reports can be either viewed on the computer screen or printed out on paper.

Any new loggings I have are now being entered into the program as I receive them. I have also used the exporting feature to send the logging information to my favorite clubs.

Another handy feature that the program has is the ability to export your loggings, whether they be frequency loggings or QSL loggings, to your favorite club for inclusion in the club newsletter log reports column. It provides the formats for NASWA, Cumbre and others as well as one that you define yourself called custom format. The program includes extensive help files that are available at any time by clicking on the Help tab.

When I received this program I immediately got out my QSL collection and began scanning my QSLs and entering in all the logging information that goes with them. Any new loggings I have are now being entered into the program as I receive them. I have also used the exporting feature to send the logging information to my favorite clubs.

A satisfied user

I may not have covered every single feature of this wonderful program but you get the idea that this is a very complete logging program for the shortwave, AM, FM, Longwave, scanning or TV DX listener. I highly recommend it for anyone who enjoys keeping excellent records of their listening hobby activities. The purchase price of \$79.95 is definitely worth it in my book. The \$79.95 includes shipping and lifetime e-mail support. They ship the program to you on a CD ROM via first class US postal service mail. The operating systems that it will work with are Window 98SE, Windows ME, Windows 2000 and Windows XP. It requires a Pentium 2 or higher, 64 MB of memory, a 4 GB or greater hard drive with 500 MB or more of free space. DXtreme Software will accept Visa, Master Card, Discover, American Express and PayPal. You can order online or by mail. Personal checks and money orders are also accepted. Give this one a try and ENJOY!

Thanks for the info, Ed! Remember that guest reviewers are always welcome.



Listener's Notebook

Al Quaglieri • P.O. Box 888 • Albany, NY 12201-0888 • FAX: (518) 453-0864 • al@alcue.com

AUSTRALIA [and non] *Voice International*, English via Darwin to Asia, adjusted schedule:

0000-0300 7355 new to India via Tashkent
0900-1030 11955
0900-1430 13685
1100-1730 13635
1500-1730 11840
1800-2030 11685

(Bob Padula-AUS/EDXP/DX Listening Digest/Hauser-OK)

BELARUS *Radio Belarus External* Service effective from January 1:

2000-2300 on additional 7440 MNS // 7105 and 7340

(Observer-BUL)

BENIN *RDF Benin*, 5025, 2135-2200 12/27 Fari at 2135 M announcer in French, some echo-style announcements and a talk or call-in program. Long "PARAKOU" barked by announcer at 2158. Rebelde either sign-on or fade in around 2201, Benin stays underneath Rebelde for quite a while past 2200. // 7210 underneath ham QRM. (Jeff Heller, IL/DX Listening Digest/Hauser-OK)

BOLIVIA *Radio Centenario La Nueva*, Santa Cruz, Bolivia is the unID previously reported on 4864.96. (Henrik Klemetz/DX Listening Digest/Hauser-OK)

6585.38 *Radio Nueva Esperanza* (p), 1007 Usual long preaching by W this time. Audio had a "roomy" sound to it. Thought hrd ment of onda corta at 1010. (7 Jan./Valko-PA)

BRAZIL *Radio Educadora 6 do Agosto*, Xapuri, Acre...this is the name of this station, not "Radio Difusora 6 de Agosto." (Bjorn Malm-ECU/DX Listening Digest/Hauser-OK)

BULGARIA New schedule for *Voice Africa* in English via SOF

1600-1800 NF 13820, ex 11560, re-ex 15650 >>>>> additional transmission

(Observer-BUL)

CAMBODIA No trace of Cambodia on 11940v kHz anymore. Maybe gone forever (Uwe Volk, WWDXC, touring SE Asia, BC-DX Jan 24/DX Listening Digest/Hauser-OK)

CENTRAL AFRICAN REPUBLIC/France *Radio Centrafrique* relay in French:

1700-2257 9590 ISS

(Observer-BUL)

Nice to hear this country on SW again even though its being relayed via France. I presume their own SW transmitter is off the air (Dave Kenny, Dec 28, BDXC-UK/DX Listening Digest/Hauser-OK)

CHINA B-04 for *China Radio International* via Kashi-Kashgar (KAS):

0000-0100	Russian	5905
0000-0200	English	6075
0200-0230	Bengali	7150
0200-0300	English	13640
0200-0300	Pashto	6065
0200-0300	Tamil	11870 13610 13715
0200-0400	English	11770
0300-0400	Chinese	15210
0300-0400	English	15110
0300-0400	Hindi	11640 13720 15350 15465
0300-0400	Russian	5905
0400-0500	Chinese	15350 17540
0500-0700	Arabic	17485 17505
0500-0600	English	11880 15350 15365 17540
0600-0700	English	11770 11880 15140 15350 15365 17540
0600-0800	Chinese	17650
0700-0900	English	11880 15350 15365 17490 17540
0800-0900	Chinese	17650
0900-1000	French	17650
0900-1000	Chinese	17670
0900-1300	English	17490
1000-1100	Chinese	17650 17670
1100-1200	Chinese	17650
1200-1400	French	17650
1300-1400	Hindi	9635
1300-1500	English	13610
1300-2000	Russian	5905
1400-1500	English	9700
1400-1500	Sinhala	7265
1400-1600	English	7285 9560
1400-1600	Tamil	9490
1400-1600	Urdu	11775
1500-1600	Chinese	9700
1500-1600	Pashto	9665
1500-1600	Tamil	7265 11800
1500-1700	English	9435 9525
1500-1700	Hindi	7235
1600-1700	Arabic	7160 9610

1600-1700	French	9700
1600-1700	Hindi	5915
1600-1730	Swahili	12000
1600-1800	Arabic	7300
1600-1800	English	7255
1700-1800	French	7350
1800-1900	Italian	7340
1800-2000	French	7385
1800-2000	German	7170 11775
1830-1930	Arabic	6175
1900-2000	Albanian	7130
1900-2000	Cantonese	9770
1900-2000	Portuguese	9635
1900-2100	English	7295
2000-2030	Serbian	7130 9585
2000-2100	Chinese	7245
2000-2200	English	7190 9600
2030-2100	Hungarian	9585
2030-2130	Italian	7180
2030-2230	French	11660
2100-2200	Arabic	9695
2100-2300	Spanish	9640
2300-0200	English	7180

(OBSERVER-BUL)

CRI via QIQ 500 kW:

1900-2100 Russian 6100 (ex-English)

(Observer-BUL)

Some frequency changes for *China Radio International*:

1300-1400	Bengali	NF 9490, ex 9610
1930-2000	Romanian	NF 7200, ex 7110
2200-2300	Portug.	NF 7245, additional
2200-2400	Spanish	NF 7250 URU // 9640, 7210, 6020
2300-0100	Spanish	NF 9800 KAS // 7245, 7160, 6175

(Observer-BUL)

CHINA—TAIWAN/FRANCE B-04 for *Radio Taiwan International* via TDF's transmitters:

1700-1800	Russian	7135 ISS
1800-1900	English	3965 ISS
2100-2200	French	9365 ISS
2200-2300	Chinese	3965 ISS

(Observer-BUL)

Radio Taiwan International drops Korean, Burmese, Arabic, Mongolian and Tibetan. CNA News, 25 January 2005. The latter two perhaps a reflecting that Taiwan no longer claims Mongolia and Tibet. Continues Chinese, English, French, German, Indonesian, Japanese, Russian, Spanish, Thai, and Vietnamese. (kimandrewelliott.com/DX Listening Digest/Hauser-OK)

COLOMBIA 6090.34 *Radio Macarena*, On this morning at 1022 for the first time since Christmas. (4 Jan./Valko-PA)

CONGO—DEMOCRATIC REPUBLIC 7205 *RTNC*, Lumbumbashi, 1942 Nov [correct] 25 in French, M&W talk with brief afropop music between segments at 1950, 1955 and 1958, dead air for about 20 [seconds] at 2000, then a woman mentioning "Congolaise," more about Bukavu, Bunia, Lumbumbashi—all towns in Katanga province—then back to M&W talking, brief African tribal rhythms between segments at 2012, 2016 and 2017. Very weak. You have to hope for an early opening for this one, as a Russian-language service, probably BBC, takes over this frequency from 2030. (Coady-Ontario, CA/Jan ODXA Listening In/DX Listening Digest/Hauser-OK)

CUBA Some of the new 100 kW Chinese-made transmitters are operating in English on 6060, 9550 and 11760. Others are in Spanish. Our facilities in Bauta, 15 miles west of Habana, are being revamped. 6060 is using an antenna that was severely damaged by hurricane Charley on 13th of August. Engineering crew had to put up two new towers, in order to rebuild the antenna. But now that will be changed to a curtain array with a lot more gain in a few months. Charley went exactly thru the station; fortunately, the buildings were very strong and reinforced. 6000 kHz now added to the 0500-0700 [English] broadcast to North America (Arnie Coro, C02KK, RHC DXers Unlimited Jan 22, notes by gh/DX Listening Digest/Hauser-OK)

EQUATORIAL GUINEA Radio Africa No. 2 reactivated. Malabo, using 15190, has apparently been reactivated after several months off the air, and monitored in Denmark by Anker Petersen (DX-Window) 1430-1600 on January 20 with English religious programs originating in the USA.

Various hobbyists in the USA and Europe (DX-plorer E-mail list) have reported it from 1615-1856* announcing an address as: Radio Africa Number 2, 20410 Town Centre Lane 200, Cupertino, California, 95014, USA, quoting operations brokered by Pan American Broadcasting.

Recent postings in various hobby-based News-groups mention that in March 2003 it was reported that two new 50 kW SW transmitters were to be installed in Equatorial Guinea by Chinese technicians, suggesting that the two new transmitters may now be in use on 5005 (for the national service of Radio Bata) and on 15190. (Bob Padula-AUS/EDXP)

GERMANY Updated B-04 schedule for DTK T-systems.

(Part 1 Daily transmissions)

IBC Tamil Service

0000-0100 Tamil 6055 JUL

Hrvatska Radio/Voice of Croatia

0000-0400	Croatian*	7285 JUL
0200-0500	Croatian*	7285 WER
0500-0600	Croatian*	7285 NAU
0500-0800	Croatian*	9470 JUL
0600-1000	Croatian*	13820 JUL
2300-0400	Croatian*	7285 JUL

* plus English and Spanish news

Gospel For Asia (GFA) in local languages

0030-0130	9495 WER
1330-1430	13590 WER
1430-1530	13650 WER
1530-1630	9460 WER
2230-0030	9765 WER

Radio Free Asia (RFA)

0100-0300	Tibetan	9670 WER
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Voice of Russia (VOR)

0200-0400	Russian*	5995 JUL
1500-1600	Russian**	9555 JUL
2000-2200	Russian*	5975 JUL
2000-2200	Russian*	5965 JUL
2100-2200	Russian*	5990 JUL
2300-2400	Arabic	6175 JUL

* Russ. Inter. Radio

** Commonwealth

Deutsche Welle (DW)

0600-1000	English	6140 JUL
1300-1600	English	6140 JUL

VRT Radio Vlaanderen Internationaal (RVI)

0600-0755	Dutch	5965 JUL
0800-0825	English	5965 JUL
1830-1855	English	5910 JUL
1900-1955	Dutch	5910 JUL
1900-2055	Dutch	5985 JUL Sa

Deutsche Welle (DW) DRM transmissions

1000-1200	English	6140 JUL
1200-1300	German	6140 JUL
1600-1800	English	6140 JUL
1800-1900	German	6140 JUL

Brother Stair (TOM)

0100-0200	English	5900 5960 6130 6155 9435 9485 9590 9640 9785 all JUL
1100-1200	English	6110 JUL (2nd Sun only)
1400-1600	English	6110 WER 13810 JUL
2200-2300	English	5905 JUL 5960 JUL 6015 JUL

Minivan (Independent) Radio

1600-1700	Dhivehi	11810 JUL
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The Voice of Andes (HCJB)

1600-1700	German	3955 JUL
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Voice of America (VOA)

1700-1800	Persian	12110 JUL
1800-1900	Persian	9495 JUL
1900-2000	Turkish	9485 JUL
1900-2000	Persian	9680 JUL

WYFR (Family Radio)

1700-1800	Arabic	13720 JUL
1800-1900	German	3955 JUL
1800-1900	Turkish	9605 JUL
2000-2100	Arabic	9605 JUL
2000-2100	French	11750

IBRA Radio

1730-1800	Somali	9660 JUL
1730-1830	Swahili	9520 JUL
1830-1845	English	9520 JUL
1900-2015	Hausa	9610 JUL
2000-2100	Arabic	7340 JUL

CBS Radio Taiwan International (RTI)

2100-2200	Spanish	6120 JUL
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Democratic Voice of Burma (DVOB)

2330-0030	Burmese	5955 JUL
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(Part 2 non-daily transmissions)

RTBF

0600-0815	French	17580 JUL Mo-Fr
0600-1100	French	17580 JUL Sa/Su
1100-1230	French	21565 JUL
1500-1805	French	17570 JUL Sa/Su
1530-1805	French	17570 JUL Mo-Fr

Bible Voice Broadcasting Network (BVBN)

0730-0945	English	5945 JUL Su
0800-0915	English	5945 JUL Sa
0800-0930	English	5945 JUL Fr
0845-1015	Arabic	17565 JUL Fr
1500-1600	English	12005 JUL Sa
1500-1600	Urdu	12005 JUL Tu
1530-1600	English	12005 JUL Mo/We-Fr
1530-1600	Hindi	12005 JUL Su
1630-1700	Amharic	13810 JUL Sa-Tu/Fr
1630-1730	Amharic	13810 JUL We/Th
1630-1900	English	9460 JUL Su
1645-1715	English	9460 JUL Mo/We/Th/Fr
1645-1800	English	9460 JUL Tu
1645-1900	English	9460 JUL Sa
1700-1715	Arabic	11645 WER Tu/We/Fr
1700-1730	Arabic	11645 WER Mo/Th
1700-1730	Tigrina	13810 JUL Mo/Tu/Fr
1715-1730	Spanish	9460 JUL Th
1715-1830	Arabic	9730 JUL Mo/We/Fr
1730-1745	English	9460 JUL Th
1800-1815	English	7210 JUL Sa
1800-1815	Russian	9460 JUL Tu
1800-1830	Arabic	9730 JUL Tu/Th
1800-1900	English	9730 JUL Sa/Su
1800-1900	English	9460 JUL We/Fr

1800-1900 Persian 7210 JUL Su
 1815-1845 Persian 7210 JUL Sa
 1815-1900 Hebrew 9460 JUL Tu
 1845-1900 Dari 7210 JUL Sa
 1900-1930 English 7260 JUL Sa
 1900-1930 Russian 6015 JUL Sa
 1900-2000 English 9470 NAU Sa
 1900-2015 Arabic 9470 NAU Fr
 1900-2015 English 9470 NAU Su
 1900-2030 English 6015 JUL Su
 1915-1930 Russian 6015 JUL Mo-Fr
 1915-2015 Arabic 7260 WER Fr
 1930-2000 English 7260 JUL Su
 1930-2000 English 6015 JUL 7260 WER Sa
 1930-2000 Russian 6015 JUL Su
 1945-2015 English 7295 WER Fr
 2000-2030 English 6015 JUL Su

Adventist World Radio (AWR)

0600-0700 Bulgarian 5945 JUL
 1000-1100 Italian 11730 JUL Su
 1900-1930 Arabic 9800 JUL
 1930-2000 Arabic 9800 JUL Mo/We
 1930-2000 Kabyle 9800 JUL Th/Su
 1930-2000 Tachelhit 9800 JUL Tu/Fr/Sa
 2000-2030 French 9695 JUL

Trans World Radio (TWR)

0630-0645 Slovak 6130 JUL Mo-Fr
 0930-0945 Hungarian 6105 JUL Tu-Sa
 0930-0945 Hungarian 7210 JUL Tu-Sa
 1130-1200 Slovak 6130 JUL Sa
 1130-1200 Slovak 7225 JUL Sa

Evangeliumsradio Hamburg

1000-1100 German 6045 JUL Su

Christian Science Monitor

1000-1100 German 6015 JUL Su
 1800-1830 French 7220 JUL Tu
 1800-1830 French 7220 JUL Th
 1900-2000 Russian 9890 WER 2nd & 4th Sa

Evangelische Missions Gemeiden

1130-1200 German 6015 WER Sa/Su
 1200-1230 Russian 11840 WER Sa
 1600-1630 Russian 9815 WER Sa

Missionswerke Arche

1200-1215 German 6015 WER Su

TDP Radio

1200-1300 Music 6015 JUL Sa
 1500-1600 Music 6015 JUL Sa
 DRM

Universal Life (UNL)

0100-0130 English 7145 JUL Su
 1200-1300 German 6045 JUL Su
 1230-1300 German 6045 JUL Sa
 1600-1630 French 9495 JUL Su

1800-1830 English 11840 JUL Su
 1900-1930 English 7105 JUL Su

Maeva FM International

1300-1500 Dutch 6015 JUL Sa

Radio Traumland

1400-1515 German 5925 JUL Su

Radio Rhino International Africa

1500-1530 English 17870 JUL Mo-Fr

Voice of Democratic Eritrea

1500-1530 Tigrina 12015 JUL Sa
 1530-1600 Arabic 12015 JUL Sa
 1700-1730 Tigrina 9820 JUL Mo/Th
 1730-1800 Arabic 9820 JUL Mo/Th

Pan American Broadcasting (PAB)

0030-0045 English 5945 JUL Su
 1400-1430 Persian 13820 JUL Sa
 1430-1445 English 13820 JUL Su
 1445-1500 English 13820 JUL Sa
 1500-1515 English 13820 JUL Su
 1530-1600 English 13820 JUL Su
 1600-1630 English 13820 JUL Su
 1630-1645 Russian 6015 JUL We

Bible Christian Association (BCA)

1630-1700 Polish 6015 JUL Su

Voice of Ethiopian Salvation

1600-1700 Amharic 9820 JUL Su

Radio Huriyo

1630-1700 Somali 9820 JUL Tu/Fr

Voice of Oromo Liberation (Sagalee Bilisum-maa Oromoo)

1700-1800 Oromo 9820 JUL Tu/We/Fr/Su

Radio Reveil Paroles de Vie

1830-1900 French 11840 JUL Th

Voice of Democratic Path of Ethiopian Unity

1830-1930 Amharic 7220 JUL We/Su

Radio Voice of Women / Radyo Seda-ye Zan

1900-1930 Persian 9495 JUL Sa

Radio Free Syria

1900-2000 Arabic 9495 WER Su

(Observer-BUL)

GREECE I received today Dec 14 the schedule of **Voice of Greece** for B-04. They do broadcast in English, but only at 1930-2000 on 7430. (Crystal-ISR/DX Listening Digest/Hausser-OK)

GREENLAND Re **KNR** schedule on 3815 as in WRTH 2005: Could Martin or anyone who pulls in Green-

land on MW please check this out? I don't know how your beverages would function on 75m, but it would be nice to have this confirmed from overseas, and would be quite a catch! Thanks, (Glenn Hauser, MWC/DX Listening Digest/Hauser-OK)

Glenn, we tried for this on the Sheigra DXpeditions in 2002 when it was being reported as active. Even on occasions when all of the Greenland Radio MW frequencies were audible at Sheigra there was NO trace whatsoever of this supposed SW transmission...73s (Dave Kenny, UK, Jan 15/DX Listening Digest/Hauser-OK)

It seems this station has been heard in Finnish Lapland DX-pedition LEM206. Date is 11 Jan. See the loggings at <http://www.dxing.info/dxpeditions/lem206log.dx> (Jari Savolainen, Finland, dxldyg/DX Listening Digest/Hauser-OK) Viz.:

3815 USB, 11.1. 2200 +, **KNR** Tasilaq. Perhaps the first time that this shortwave station has been heard outside Greenland. However, there used to be a MW transmitter in the same location, heard also in northern Europe.

Greenland on Shortwave—There are only relatively few active shortwave stations that we still haven't identified, so shortwave was not a major target, and neither was it very practical, as much of the time the tropical bands were completely dead. However, one very interesting station was heard; Kalaalit Nunaata Radioa (KNR) from Tasilaq, Greenland, was picked up on 3815 kHz USB. This was presumably the first time that the station had been heard outside Greenland (Hokan Sundman and/or Mika Mekeleinen, Lem 206 log/DX Listening Digest/Hauser-OK)

Great, but details, ID? (Hauser) *[Add me to the list of unconvinced...ed.]*

INDIA (GOA) AIR PANAJI SW REQUESTS REPORTS

Dear Friends, AIR Panaji is looking for reports on their of 2 x 250 kW SW transmitters used by External Services. Mr. S. Jayaraman is the new Suptdg. Engineer there now. He was the Station Engineer of 6 x 500 kW SW transmitters of Bangalore till recently. Address for reports is:

Mr S. Jayaraman, Superintending Engineer High Power Transmitter, All India Radio, P. O. Goa University Goa-403 206, India

Email: airtrgoa@sancharnet.in

Their schedule is:

7115 1615-1730 Persian, 1730-1830 Malayalam (W. Asia)
7250 0130-0230 Nepali (Nepal)
9705 2245-0045 English (E SE Asia)

9810 0130-0230 Nepali (Nepal)
9820 1300-1500 Sinhala (Sri Lanka), 1530-1545 HS
11740 2300-2400 Hindi, 0000-0045 Tamil (SE Asia), 0045-0115 Sinhala, (Sri Lanka), 1530-1545 English
11715 2045-2230 English (Australia/ NZ)
11775 1215-1330 Tibetan (Tibet), 1330-1430 Nepali
11840 0315-0415 Hindi (West Asia)
12025 1615-1730 Hindi, 1730-1830 Malayalam (W. Asia)
15235 1115-1200 Thai (SE Asia)
17810 1115-1215 Tamil, 1215-1245 Telegu (SE Asia)

Good Luck! (Jose Jacob, dx_india Jan 16/DX Listening Digest/Hauser-OK)

The AIR programs noted lately on 11585 is actually beamed to the Andamans and started just after the earthquake / tsunami. The **FM Rainbow** programs are mostly in Hindi which is widely spoken in the islands. Actually I first monitored it while in Ram Krishna Pur, Little Andaman for Ham Radio relief communications and the signals were strong there. Yours sincerely, (Jose Jacob, Jan 19, dx_india/DX Listening Digest/Hauser-OK)

Special Transmission for Andaman & Nicobar Territory from 02nd January, 2005 **FM-Rainbow** (Delhi)

0030-1200 11585
1215-1830 11585

(Alokesh Gupta-IND/DX Listening Digest/Hauser-OK)

Dear Friends, Because of the special broadcasts on 11585 kHz the following service is affected.

English to E. & SE Asia: 2245-0045 on 11620 kHz would be partially cancelled between 0015 and 0045 Hrs [UT]. (via AIR web site) The transmitter site of 11585 is Khampur (Delhi) 250 kW (Jose Jacob, ibid.)

Andamans: **AIR** puts out numerous messages everyday

Monday, 03 January, 2005, 08:34 Port Blair:

Glued to battery-operated radios, survivors in the Andaman and Nicobar islands are getting updates on missing relatives and aid with the help of All India Radio (AIR). Its transmission centre in the Andaman capital of Port Blair has been relaying messages 16 hours daily to islands where telephone lines have been washed away. Killer wave hits Asia "The archipelago's total population of 350,000 are our listeners and since the tsunamis struck there is not one radio set which is not tuned into our medium or short-range message transmissions," said programme executive Ashok Srivastava. Hotels, shops and taxi drivers are turning their dials to AIR,

whose executives have become regular announcers broadcasting messages received from around the islands and from the mainland in several languages.

On the ravaged island chain, 812 deaths have been officially documented, according to the government. However residents, police and aid workers fear 10,000 people died across the 500-plus islands which stretch over 800 kilometres. Bodies are still being pulled from the debris. The Port Blair radio station, near the mouth of one of the world's busiest shipping lanes, the Straits of Malacca, is also reaching boats in the region. "Two days ago a US ship after listening to our broadcasts in English rescued six Indian fishermen who were lost in international waters," Srivastava said. "Our profile has now been converted into that of a support provider to rescue and relief missions across the Andamans," he said.

Two female AIR workers, Lalita Tigga and Jay-sheela Lakra, and five engineers cancelled their year-end vacations when the tsunamis struck and volunteered to carry phoned-in messages on special broadcasts. "We are not official announcers but we are taking in appeals or broadcasting live messages that come on the telephone or are handed over to us personally by survivors, police or the army," Tigga said. "We broadcast live with one hand on the red button to cut off anyone who tries to spread rumours while on air," said Lakra, before donning headphones for a full day's work. "So great is the fear of the tidal waves here that one day when we announced the arrival of drinking water, people left their homes and ran to higher ground thinking tsunamis were coming. We have to be very careful," she said. "The programme has become so important that from today we are relaying tsunami-related news from New Delhi to local listeners."

The messages come from some of the 12,000 survivors living in makeshift camps or from their frantic relatives in mainland India. "Maybe in a day we are broadcasting up to 700 messages. Maybe 1,000 or perhaps 2,000. We have just lost count," said station technical manager P.S. Sehgal. A bedraggled man Sunday came to the station trembling with emotion. "You are our God. Because of you I now know my wife, son and daughter are alive and well in Car Nicobar," said the man, who identified himself as Jeevan. He was separated from his family when tsunamis devastated his home. He was brought to Port Blair by military rescuers last week. His family members handed over a slip of paper to the Car Nicobar police who gave it to the radio volunteers. "There are thousands of such emotional reunions and that is our reward," said Tigga. (Alokesh Gupta-India)

INDONESIA 3961.11 **RRI Palu** (p) at 1428-1438 UT. Mellow Indo vocal music; announcements in soft voice unreadable. Fair/poor with Ham QRM. This has

been drifting slowly upwards over the past three years. A check of the logbook shows them on 3959.87 in May '02; in April '03 on 3960.32; in Feb '04 on 3960.89 kHz (John Wilkins, CO, DXplorer Jan 4/5 via BC-DX/DX Listening Digest/Hauser-OK)

3976.02 **RRI Pontianak**, 1053-1115 Jan 26. Beginning with possibly the Qur'an being sung by a woman(?) until 1102. Then a man sings the Qur'an until 1108. At that time, a canned ID by M. (Chuck Bolland/DX Listening Digest/Hauser-OK)

4605 **RRI Serui** Jan 5 1128-1139 24332 Indonesian, 1128 with IS. 1129 ID. Local news. (Kouji Hashimoto, JAPAN/Japan Premium/Iwata Gaku)

4790 **RRI Fak Fak** Jan 6 1106-1122 34333 Indonesian, Music and talk. ID at 1118. (Kouji Hashimoto, JAPAN/Japan Premium/Iwata Gaku)

4870.91 **RRI Wamena** (p), Must be this one back on at 1024. (18 Jan./Valko-PA)

4925 **RRI Jambi** 1552-1554*, Soft lagu romantik tune at tune-in; Love Ambon tune 1553 with female announcer and ID, and a quick sign-off at 1554* before the end of Love Ambon. Good signal. (Jan 27, Atkins-WA/Hard-Core-DX)

7289.9 **RRI Nabire** Jan 8 0656-0940 24332-44433 Indonesian, 0700 Jakarta news realy. ID at 0717. Music. 0805 ID. Koran. 0805 ID as "Inilah Radio Republik Indonesia Nabire." (Kouji Hashimoto, JAPAN/Japan Premium/Iwata Gaku)

ISRAEL Frequency changes for *Kol Israel*:

1500-1600	Persian	NF 7420, NF 15760 Fr/Sa, ex 11605,17535
1500-1625	Persian	NF 7420 NF 15760 Su-Th, ex 11605, 17535
1600-1625	Ladino	NF 7420, NF 15760 Sa, ex 11605,17535
1600-1625	Russian	NF 7420, NF 15760 Fr, ex 11605,17535
1630-1645	Music	NF 15760, ex 17535
1645-1655	Spanish	NF 15760, ex 17535
1700-1725	Yiddish	NF 15760, ex 17535
1725-1745	Romanian	NF 15760, ex 17535
1745-1755	Hungarian	NF 15760, ex 17535

(Observer-BUL)

KURDISTAN [non] Cland??? 6310, **Radio Roj/Rusha** at 1841 January 5, with talks by M in seemingly Azeri/Kurdish. Signed off 1900. On January 7 1700+ man with continuous talks. New tune in 1720 with songs and 1726 a Kurdish ballad. (Zacharias Li-angas-GRC/DX Listening Digest/Hauser-OK)

LAOS **Lao National Radio** noted on 7145 in English from 1330-1358*. ID included country name of "Lao Democratic Peoples Republic." (David Norcross, Hong Kong/DX Listening Digest/Hauser-OK)

Laos noted the whole day in very fine audio quality on 6130 kHz, seemingly on full power of 25 kW again. Registered 2000-1500 UT, except 0830-0930 UT, Sat 1300 En, Sat 1330-1400 Fr.

Regularly I missed 7145 kHz transmissions due to very few hours on air. Registered three times a day: 2330-0030, 0500-0630, 1130-1400 UT (Uwe Volk, WWDXC, touring SE Asia, BC-DX Jan 24/DX Listening Digest/Hauser-OK)

LIBYA (non) Additional freq for *LJB Voice of Africa*:

1700-1800 11860 // 15220, 15615, 15660
1800-1900 11860 //9485, 11635, 11715

(Observer-BUL)

MALAYSIA *Voice of Malaysia* schedule

0600-0830	English	6175 9750 15295
0830-1030	Malay	15295
1000-1400	Indones.	6175 9750
1030-1230	Mandarin	11885 15295
1300-1430	Thai	6100
1430-1530	Burmese	6100
1530-1700	Arabic	15295
1700-1900	Malay	6175 9750

Voice Of Islam schedule

0300-0600	English	6175 9750 15295
1400-1700	Malay	6025 6175 9750

(Cornachioni-ARG/Conexion Digital)

MALI *Radio Mali's* 7285v and 11960 outlets are still the single ones active 0800-1800, whereas 4785v and 5995 are active 1800-s/off; 4835 night / 9635 day, surely used by the same transmitter are the ones that always provided stronger audio. On Dec 07, frequency readings were 7285.82 and 4783.82 at 2125; there was a carrier on 4834.66, but no audio noticed; 31 m and 4835 still off today, Su Jan 09 (Carlos Goncalves, Portugal, DSWCI DX Window Jan 12/DX Listening Digest/Hauser-OK)

ORTM, 4786.89v, 2345-0002* Jan 17-18, still off-frequency with Afro-pops, French pops and talk. Sign-off with national anthem. Was on 4786.89 until 2359 when they jumped up to 4787.89 (Brian Alexander-PA/DX Listening Digest/Hauser-OK)

NETHERLANDS (non) Frequency change for DRM transmission of *RNW* in English and Spanish:

2100-2257 NF 12000 B0N, ex 15530

(Observer-BUL)

NIGERIA 4770 *FRCN Kaduna* is active again, heard around 1900 UT Jan 25 (Chris Hambly, Victoria/DX Listening Digest/Hauser-OK)

PAKISTAN *Radio Pakistan/Azad Kashmir Radio*

100 kW transmitter has been on split 4790.8 for some days now. Same transmitter is used as a clandestine Voice of Jammu Kashmir Freedom 1300?-1430 and seems to be on 5102.8. (Savolainen-FIN, Jan 11/DX Listening Digest/Hauser-OK)

PAPUA NEW GUINEA 3355 *Radio Simbu*, Back on the air after a couple months. 1053-1200*, M anncr w/mx program of mostly lively island and choral mx, and also a block of Tammy Wynette songs (including "Stand By Your Man") in the last 10 minutes of the broadcast. Simbu and NBC IDs at 1100, and immediately into nx. Back to mx at 1106. At 1158, played the usual native flute signature, then same M anncr w/closing anmnt starting off w/nice NBC and Simbu ID along w/frequencies. 1159-1200 instru. NA. OC then and signal finally going off the air at 1212:32. Glad to see it's back. (26 Jan./Valko-PA)

4960 *Catholic Radio New Guinea (CRN)* 1200-1235 Jan 20. Noted comments by both a man and woman in between singing. On the halfhour there seemed to be a break when possibly news or long comments presented. (Chuck Bolland/DX Listening Digest/Hauser-OK)

4890 *NBC* Hrd here this morning and nothing on 9675. (2 Jan./Valko-PA)

7120 *Wantok Radio Light*: Life Radio Ministries, Griffin GA, says original on-air date was Jan 5, 2005, but HCJB Engineering team has rescheduled the installation for some time in March due to local zoning regulations and a concern about RF hazard re the SW antenna site, but organizers are confident. The concerns have been addressed but now it's the rainy season. Transmitter building and generator shelter are already installed, fence is erected, much of the equipment has arrived in PNG (Guy Atkins, WA, DX-plorer/DX Listening Digest/Hauser-OK)

PERU 3172.61 *Radio Municipal Panoa*, 1054-1100 Noted a man in Spanish comments with Huaynos music. Signal was fair until 1100 when it dropped to threshold. (January 25/Chuck Bolland-FL/Hard-Core-DX)

4485.95 *Radio Frecuencia VH*, Celendin. There has always been a group of three Peruvians close together here and active all the time all three. Frecuencia VH is still active but 4420 *Radio Bambamarca*, Bambamarca and 4461 *Radio Nor Andina*, Celendin are both inactive. (Bjorn Malm-ECU/DX Listening Digest/Hauser-OK)

4950.17 *Radio Madre de Dios*, 1023 OC at t/in, so decided to stick w/it to catch s/on. Audio came up at 1030 w/pgming already underway. Tlk by M anncr over instru. mx. 1031 old long full canned ID by M over classical mx w/freqs and calls. The same

canned ID they've used for decades!! Not very strong, but stronger than it has been for a while. (4 Jan./Valko-PA)

4990.9 Thought I might have had Surinam's Radio Apintie here, but it sure sounded like a Peruvian just before 1000 today Jan 13. Campo music and talk in Spanish. Same station also there at 0000, but even weaker then (Hans Johnson-FL via Bjorn Malm, Ecuador) This is a reactivation of **Radio An-cash**, Huaraz (Peru)—on air the last two days (Bjorn Malm, Quito, Ecuador/DX Listening Digest/Hausser-OK)

6329.11 **Radio La Voz de Sallique**, Sallique, Cajamarca, not Radio La Voz del Faique, is the unID previously reported here. (Henrik Klemetz/DX Listening Digest/Hausser-OK)

9504.52 **Radio Tacna**, 2340, Hrd in the evening w/M in pres. nx. Abt the lowest off-freq I've seen it. Readable but noisy. (13 Jan./Valko-PA)

RUSSIA Voice of Russia / Russian International Radio in Russian:

0000-0200 on additional 6045 // 7125

(Observer-BUL)

Additional frequency for **Voice of Russia** Russian WS via MSK:

1300-1500 7360 // 5995, 7260, 7365, 9495, 9770, 15460

(Observer-BUL)

SERBIA & MONTENEGRO B-04 for **International Radio of Serbia & Montenegro**:

0000-0030	Spanish	9680
0030-0100	Serbian	7115 Mo-Sa
0030-0130	Serbian	7115 Su
0100-0130	English	7115 Mo-Sa
0130-0200	Serbian	7115
0200-0230	English	7130
1330-1400	English	11835 Mo-Fr
1400-1500	Serbian	7200 Mo-Fr relay HS-1 Beograde
1400-1530	Serbian	7200 Sa/Su relay HS-1 Beograde
1500-1530	Serbian	11835 Mo-Fr
1530-1600	Arabic	11800
1600-1630	Russian	6100
1630-1645	Hungarian	6100
1645-1700	Greek	6100
1700-1730	French	6100
1730-1800	German	6100
1800-1815	Albanian	6100
1815-1830	Bulgarian	6100
1830-1900	Italian	6100
1900-1930	Russian	6100
1930-2000	English	6100

2000-2030	Spanish	7200
2030-2100	Serbian	6100 Su-Fr
2030-2130	Serbian	6100 Sa
2100-2130	German	6100 Su-Fr
2130-2200	French	6100
2200-2230	English	6100
2330-2400	Chinese	9580

(Observer-BUL)

TANZANIA Radio Tanzania has reactivated a second SW transmitter. Noted today shortly after 1300 on both 5050 and 6105. (Chris Greenway-KENYA, BDXC-UK/DX Listening Digest/Hausser-OK)

UNITED ARAB EMIRATES Frequency change for **UAE Radio Dubai** in Arabic only:

0600-1500 NF 12005, ex 21605, no English program 1030-1050 and 1330-1350.

(Observer-BUL)

UAE Radio Dubai in Arabic via DBA:

0900-1200	NF 15385 (ex-15370) // 12005, 13675, 15395
1200-1500	NF 15385 (ex-13630) // 12005, 13675, 15395
1500-1600	NF 15385 (ex-13630) // 12005, 13675, 15395

(Observer-BUL)

UNITED KINGDOM BBC in Uzbek on additional frequency:

1600-1700 9740 Mo-Fr // 7325, 7435, 9635
1600-1630 9740 Sa/Su // 7325, 7435, 9635

(Observer-BUL)

New time and freq of **Internews / Salaam Watandar** in Dari/Pashto:

1300-1430 NF 13650 RMP, ex 1330-1500 on 17720

(Observer-BUL)

UNITED STATES IBB frequency changes:

0700-0900	VOA	NF 9700, ex 9695 // 5995, English 11655
1600-1800	RL	NF 11925, ex 15460 // 9865 Belarus.
1615-1630	VOA	NF 9665 // 7190 Ukrai.
1630-1700	VOA	NF 11975, ex 11925 // Georgian 12140, 13645
1645-1700	VOA	NF 9665 // 7190 Ukrai.
2000-2100	RL	Tatar NF 5860, ex 7195 // 7295
2200-2300	RL	NF 7595, ex 9865 // 5955, Russian 6105, 7175, 7220, 95??

(Observer-BUL)

Frequency change for **WYFR** in French via ARM
Russia:
1900-2000 7520, ex 7240
(Observer-BUL)

Nothing much heard from **WJIE** lately on either frequency, 7490 or 13595. Website <http://www.wjiesw.com> still has imaginary schedule including WOR M-F at 5-5:30pm, in imaginary EST (Glenn Hauser, OK, Jan 14/DX Listening Digest)

KAIJ has a new website <http://www.kaij.org> Per personnel at the station, they plan to air Gene Scott about 12 hours a day, roughly 1900 to 0700, and sell time from 0700 to 1900 UT for churches, primarily Hispanic churches looking for an outreach to Cuba. The first Spanish programs are scheduled to go on the air on January 1st, 2005. Freq will remain the same, 5755 local night time, 13815 local daytime (H. Johnson Dec 2 via Cumbre DX via DSWCI DX News via DXLD) Cf. Our previous report; anyone notice such a change yet? (Hauser-OK, Jan 20/DX Listening Digest)

VIETNAM Voice of Vietnam Home Service, frequency survey 1/15 & 1/16, by time:

- 0919 5975 Hanoi clear, 9530 Xuan Mai China QRM, 7210 Da Lai clear (lags the other two frequencies by a fraction of a second)
0930 6020 Da Lai no // (never heard a // for this on any day or time)
0930 9875 Me Tri, 5925 Xuan Mai. These are // while 9875 is on.
0945 Did not hear 5597 nor 6724 Lao Cai for sign on, also not heard at 1000.
1000 9875 Me Tri sign off.
1000 5975, 9530, 7210 as 0919 above. 6020 no //, 5925 no //.
1100 5925 Xuan Mai hrd at this time // 5975, 7210 (lag), 9530 (under China). 6372 not heard at this time.
1300 5035 Xuan Mai—Hmong very weak.
1314 6165 Xuan Mai Hmong
1315 6020 Da Lai audible after Vatican [via RVA Philippines] signoff.
1325 5597 Lao Cai short fade-in

- 1335 4740 Son La
1353 4740 Son La, 5597 Lao Cai under QRM. 1400 signoff for both.
1520 5975, 9530, 7210 (lag). 5925 not //. All off at 1600

(David Norcross, Hong Kong/DX Listening Digest/Hauser-OK)

ZAMBIA ZNBC Radio 2 was testing rehabilitated 100 kW transmitter on 4500 earlier in January, and was widely reported. As of January 5 they returned the transmitter to its normal 6165 kHz. (various reporters)

AFRTS ...has popped up with a strong signal in the U.S. on 7811. There has been some speculation re its location, with several suggesting a California site (most likely PR). (ed.)

The following was found commented out in the AFRTS/AFN web site:

"Service for Key West and Puerto Rico has been terminated for the time being. Engineers are working with all parties to come up with a new set of frequencies to enable service to resume. In the mean time, service from the other short-wave transmitters continues unchanged."

Looks like the new frequencies are starting to come up in time for the Super Bowl.

AFRTS had a broadcast center and uplink in Hollywood for many years, but I am about 80% sure that the last of this activity was recently consolidated into the Defense Media Center at March ARB, considerably east of L.A. in Riverside. It is all satellite. The HF is a US Navy retransmission of the Interruptible Voice Channel downlink, and there is no HF in Southern California. (Jan 27/Hugh Stegman/WUN Newsgroup)

Please remember to send all address changes and inquiries about subscriptions, missing copies, etc. to NASWA, 45 Wildflower Road, Levittown, PA 19057 or email to weoliver@comcast.net.

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



-O.S.L.-
Certificado de Sintonía
Radio Santa Mónica



PERU

Sr. Jerry Klinck, U.S.A.:

Muchas gracias por su informe de recepción. Tenemos el gusto de confirmar su control de nuestra emisión en 4,965 kHz de fecha 6 Noviembre, 2004 a las 4:20 AM - 4:51 AM horas de Peruviano tiempo. Vatios de potencia: 5 kw.

Afectuosamente,
[Signature]
firma

sello oficial

ABU DHABI: Radio Free Asia 11945 & 15510 via **Al-Dhabbaya** cd. in 1 mo. w/o site. (Field-MI). **Radio Canada International** 15140 via **Al-Dhabbaya** f/d "60 Year" cd. w/ schedule, decal and bookmark in 1 mo. (Craighead-KS).

ALBANIA: Radio Tirana 7160 f/d cd. in 67 ds. for an EG rpt. (Turnick-

PA). **Trans World Radio** 11865 f/d "Feeder Lines and Antenna" cd. in 115 ds. w/ schedule and a note apologizing for the delay in responding. v/s Beth Chick. (D'angelo-PA).

ANDAMAN ISLANDS: All India Radio 4760 via **Port Blair** f/d ltr. from K.S. Venkatesarlu in 6 wks. Rcvd. a long personal ltr. w/ station info. This was for a logging in Bao Loc, Vietnam. I received no response to a number of loggings made in KS. (Craighead-KS).

ARMENIA: Radio Free Asia 11590 via **Gavar** ltr. in 1 mo. site was from PWBR rpts. (Field-MI).

ASCENSION ISLAND: WYFR 15195 via **Eng-**

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Q. S. L.

via Rich D'Angelo

Radio Amazonas

La Radio

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STATION NOTES: Radio Liberty 15525 via **Iranawila** Addr: RFE/RL, Vinohradska 1, CZ-110 00 Praha 1, Czech Republic. **Radio Apintie** 4990 v/s Charles Vervuurt, Director. Addr: P.O. Box 595, Paramaribo, Suriname. **Voice of Turkey** 9715 Addr: P.O. Box 333, TR-06433 Yenisehir, Turkey. **Radio Ukraine International** 12040 Addr: Kreshchatik 26, UKR-01001 Kiev. **Radio Ndeke Luka** 11785 Addr: Foundation Hirondele, 3 Rue Traversiere, CH-1018 Lausanne, Switzerland. **Radio Tunis International** 7190 v/s Mondher Guirat Addr: Boite Postale 399, Tunis 1080...via PLAY DX..Sam

lish Bay f/d cd. in 1 mo. (Barto-CT). **Radio France International** 17815 via **English Bay** n/d ltr. in 3 mo. w/ schedule and stickers. (Barto)

AUSTRALIA: HCJB 15480 f/d sheet in 2 mos. (Barto-CT). **Radio Australia** 9475, 9580 6020 and 11650 via **Shepparton** f/d cd. in 3½ mos. (Barto-CT) 5995 via **Brandon** f/d cd. in 3½ mos. v/s

RADIO CLUBE DE ANGOLA

INSTITUICAO DE VIADUAGOS PUBLICA

CR 8 R A
CR 8 R C
CR 8 R L
CR 8 R N

Cx. POSTAL 829

RA D'ANGOLA
LUANDA
(ANGOLA)

AFRICA OCIDENTAL
PORTUGUESA

CONFIRMACAO DE RECEPCAO
VERIFICATION CARD



via Williamson

SAUDAÇÕES DE ANGOLA

AFRICA OCIDENTAL PORTUGUESA

GREETING FROM ANGOLA

PORTUGUESE WEST AFRICA



To Richard A D'Angelo

QSL

This is to confirm your reception report of our broadcasts...

Transmitter location Mont Carlo
Date June 4 2004
Time 0729-0820 UTC
Frequency 9870 kHz

Thank you for your report! Regular reports from our listeners help us serve you better. You will automatically receive a copy of our next transmission schedule.

We wish you joy as you listen to Trans World Radio and look forward to hearing from you again!



Sincerely, Beth Chick

BP 349, MC 98007 Monte Carlo, MONACO
PO Box 141, A-1235 Vienna, AUSTRIA
PO Box 176, NL-3780 BD Voorthuizen, THE NETHERLANDS

Ian Johnson, ARDXC. (Barto-CT). 11880 and 21820 f/d "Radio Australia In Touch With the World" cd. in 3 1/2 mos. (Barto-CT).

BONAIRE: Adventist World Radio 6165 f/d cd. w/ 2005 calendar and other goodies in 1 mo. v/s Adrian Peterson. (Field-MI).

BRASIL: Radio Clube Do Para 4885.2 ltr. w/ postcard in 649 ds. (Glotzbach-MN). **Radio Municipal de Sao Gabriel de Cachoeira** 3375.1 f/d prepared cd. w/ postcard and

STATION NOTES: Radio Scotland International 6270 Addr: P.O. Box 85, NL-9410 AB Beilen, Netherlands. **Radio Spaceman** 6308 Addr: P.O. Box 73, NL-7160 AB Neede, Netherlands. **Radio Spaceshuttle International** 15810 Addr: P.O. Box 2702, NL-6049ZG Herten, Netherlands. **Radio Waves International** 6275 v/s Peter Hills, Director. Addr: P.O. Box 130, FR-92504 Rueil Cedex, France. **Star Club Radio** 6282.3 Addr: P.O. Box 10 06 21, DE-45806 Gelsenkirchen, Germany. **Radio Difusora Portuguesa** New Addr: Avenida Marechal Gomes Da Costa 37, P 1800-255, Lisboa, Portugal... via PLAY DX... Sam.

VERIFICATION OF RECEPTION (QSL) form
VOICE OF AMERICA
Washington, D.C. 20237
USA via D'Angelo

We are pleased to confirm your reception.

Date: Aug. 03, 2004

UTC Time: 2300-2330

Frequency: 11935 kHz

Site: KUWAIT

Brazilian stamps in 36 ds. via registered mail for a PT rpt., tape and ms. v/s Jose Osterno Diogenes Nogueira, Gerente. (Klinck NY).

CANADA: Voice of Vietnam 6175 via **Sackville** f/d cd. in 175 ds. (Turnick-PA).

CHILE: China Radio International
* 11720 via (Voz Cristiana?) n/d personal ltr. from what looks like Gao Shizhong, along w/ 2 photo cds., stickers and 2 issues of "Fanzine da CRI" which appears to be the PT equivalent of "The Messenger". (Craighead-KS).

CHINA, PEOPLE'S REPUBLIC OF: Chinese People's Broadcasting Station 4800 via **Ge'ermu** f/d station cd. in 41 ds. for a taped rpt. (Klinck-NY).

CLANDESTINE: Minivan Radio 13855
* via Deutsche Telekom I rcvd. a short ltr. from Monica Michie thanking me for my rpt. and asking to please stay in touch. Please refer to QSL on left. (D'Angelo-PA).

DENMARK: World Music Radio 5815
* p/d e-mail reply (my first!) in 58 ds. for an EG rpt. and \$1.00 v/s Stig Hartvig Nielsen. The v/s promises a QSL cd. in the very near future. (Klinck-NY).



MINIVAN RADIO



via Rich D'Angelo

VERIFICATION STATEMENT FOR MINIVAN RADIO/INDEPENDENT RADIO

This is to confirm your reception of our station, Minivan Radio which you heard on the Date of **29th August 2004.**

Reception was on the frequency of **13855** kilohertz meters from **16:00** hours sign-on to **17:00** hours sign-off Universal Time.

Thank you for your interest.



QSL CARD

Confirmação Oficial de Recepção
Rádio Difusora de Poços de Caldas

Sr. Jerry Klinck, U.S.A.:

Temos o prazer de confirmar a informação de escuta do dia: 18 Setembro, 2004 na frequência de 4.945 kHz, das 00.28 : 00.58 hs [UTC].
Potência do emissor: kw.

Sinceros agradecimentos,

[Signature]
oficial
seal

[Signature]
oficial



BRASIL

ECUADOR: La Voz del Napo 3279 f/d and p/d cds. in 73 ds. for a SP rpt. and \$1.00. v/s P. Dorigatti Humberto, Director. (Turnick)

EGYPT: Radio Cairo f/d cd. in 72 ds. (Turnick-PA).

ENGLAND: Radio Ibrahim cd. in 8 mos. on my 2nd try. v/s Mattias Hedlund. Personal ltr. and schedule rcvd. I

NEW AWR ADDRESSES: Scott Barbour sent in a new list of AWR address for QSL cards: (Asia / Pacific) 798 Thomson Rd., Singapore 298186, Singapore. (Europe) AWR Europe, Whitegates, St. Mark's Rd., Binfield, RG 42 4AT, England. (Africa) AWR Africa, P.O. Box 2522, Cramerview, 2060 Johannesburg, South Africa. (Americas) Dr. Adrian Peterson, 903 Tanninger Dr., Indianapolis, IN 46239.



中國華藝廣播公司

CHINA HUAYI BROADCAST CO.

广播收听证

VERIFICATION (QSL) CARD

MEMBERS NOTES: Jerry Klinck was having some excellent openings to South America in November. Conditions have been pretty good at his place. Jerry says he's having hockey withdraw. We actually lost a team when the Hartford Whalers went south...Sam. Scott Barbour says he is looking forward to sending out more reception reports this winter season especially to SE Asians. He is wondering if anyone is having much luck with the Indo's or Malaysia. I haven't heard much from Indonesia but Malaysia has always been a good QSLer...Sam.

* **Deutsche Telekom** n/d cd. in 58 ds. for \$1.00 (Turnick-PA). **Radio Cimarrona** 9480 via **Deutsche Telekom Juelich** rcvd. e-mail reply to my e-mail rpt. in 14 ds. v/s Walter Brodowsky. (D'Angelo-PA).

GREECE: Voice of

America 9615 via **Kavala** f/d "Morocco" cd. in 2 mos. (Barto-CT).

GOA: All India Radio 12025 via **Bambolin / Goa** f/d personal ltr. w/ schedule from K. R. Leelavathy, Station Engineer, in 6 wks. (Craighead-KS).

HAWAII: Radio Free Vietnam 9930 via **KWHR** f/d cd. in



QSL CARD

Confirmação Oficial de Recepção
RÁDIO CONGONHAS

Sr. Jerry Klinck, U.S.A.:

Temos o prazer de confirmar a informação de escuta do dia: 8 Outubro, 2004 na frequência de 4.775 kHz, das 23.40 : 00.10 hs [UTC].
Potência do emissor: kw.

Sinceros agradecimentos,



oficial
seal

[Signature]
oficial
FUNÇÃO RÁDIO DIFUSORA DE CONGONHAS



BRASIL



T.I.Q.

Puerto Llanos - Costa Rica
Avenida 997 7500
Tel. 750-0000 / 750-2000
Fax: 750-790 2000

Radio Casino

ONIA MEMB 12.20.002
ONIA CERTO 1994-002 MARZO DE 04 METROS
FRECUENCIA MODULO 134.10 11-12

13 de marzo del 2002

Dr. George L. Glotsbach
5 Herrera Court
Santa Fe, NM 87508
U.S.A.

Estimado señor:

En primer término, le pedimos disculpas por el atraso en contestar su QLG CONTROL N° 819, pues su carta se nos traspapeló.

Recibimos su folleto TRADITIONS y \$ 1.00. Muchas gracias. Su reporte está correcto en todos sus términos.

Muchas gracias por sintonizar nuestra emisora. Reciba un atento saludo de sus muy atentos y ss. ss.

RADIO CASINO, S.A.

Luis Grau Villalobos
Gerente

7 wks. (Barto-CT).

KUWAIT: Voice of America
* 11935 f/d "Saipan".cd
w/ program guide, VOA
News Now bookmark,
map, 2 pens and sev-
eral stickers in 82
ds. (D'Angelo-PA).

MONACO: Trans World Rad-
io 11865 f/d "TWR
Europe Map" cd. in
115 ds. w/ program
schedule. v/s Beth
Chick. (D'Angelo-PA).

MOROCCO: Voice of Amer-
ica Studio 7 17895
via Brieche f/d cd.
in 1 mo. (Craighead).

PERU: Radio Mi Frontera
6420 rpt. was sent
to various addresses

in WRTH and PWBR but returned w/ note that the station does not exist. (Field-MI). **Radio La Hora** 4855 f/d cd. w/ ltr. and a r/d cd in 43 ds. for a SP rpt. and \$1.00. v/s Carlos Gamarra. (Turnick-PA)

PHILIPPINES: Voice of America 6160 via Tinang ltr. rcvd. from Station Manager, Dennis G. Brewer w/ a f/d "VOA IBB Thailand Antenna" cd. plus some blank QSL cds. in the "IBB Antenna" series. This was on US Embassy Manila letterhead w/ IBB, Philippines Transmitting Station" subprint. All in 3 wks. after a f/up rpt. w/ CD. Addr: IBB, c/o US Embassy, 1201 Roxas

STATION NOTES: Radio Hong Kong (Yacht Race) 8749 v/s Chen Kwok Sum, Assistant Engineer. Addr: Cape D'Aguilar Road, P.O. Box 9896, Hong Kong.

AFRTS 13855 (Iceland) v/s Mrs. Patricia Huizinga, O.I.G. Addr: Naval Media Center, Mobile Detachment Two, 2713 Mitscher Road, SW., Naval District, Washington, Anacostia Annex, Wash-

ington D.C. 20373-5819. **All India Radio** 11620 **Bangalore** v/s Mr. R. Narasimha Swamy, Superintendent Engineer. Addr: Super Power Transmitter, AIR, Yelahanka New Town, Bangalore 560064, India. **All India Radio** 4800 via **Hyderabad** v/s A.K. Bhatnagar, Director of Frequency assignments. Addr: Directorate General, AIR, A.V. Bhavan, Sansad Marg., New Delhi 110001, India....via PLAY DX...Sam.

RADIO NEW ZEALAND



INTERNATIONAL

January 28, 2002



WORLD CHRISTIAN
BROADCASTING CORPORATION

Dear Mr. Barbour Jr.,

I am pleased to have the opportunity to respond to your reception report. I am not usually the person who receives listener correspondence. Your report is correct related to our broadcast logs and I am happy to confirm your reception of our station. I hope you enjoyed the programming that you were able to hear. I will forward your letter on to our English language department.

This transmission is beamed toward Japan and other Pacific rim countries on an azimuth of 270 deg from Anchor Point. Our antenna does have some power off the back side that is directed toward your area. As you mentioned the signal will not be reliable.

Thanks again for your correspondence. We are glad to have you as a listener.

Sincerely,

Kevin K. Chambers
WCBC, Director of Engineering

Boulevard, Er-
mita 1000,
Manila. Addr.
on envelope:
IBB/PTS, PSC
500, Box 28,
FPO AP 96515-
1000 (Berg-MA)
Far East Broa-
casting Com-
pany 15435 the
station repli-
ed to my rpt.
w/ a ltr. from
Dan Andrew S.
Cura, Presi-
dent w/ nxltr.,
station info.,
stickers and a
receipt for my
\$1.00 rp. Alas,
no QSL ltr. or

Петропавловск-Камчатский
Автомобильный клуб "Три брата"
Петропавловск-Камчатский
Автомобильный клуб
Rocks - Three Brothers.

Dear Samuel Barto!
Мы поздравляем вас
работу нашего радио-
отдела на частоте
12065 kHz.
Дл. эфирной связи
20.00-20.20 UTC
Искренне уважаем!

Назад, пожалуйста, в ДТК ГТК "Колос"
и в ДТК "Колос"
Адрес: КНР, Дордон

QSL

83000
Темноубовое
Калифорния
Ул. Абернэки, 62
ГТК "Колосма"

Samuel Barto
47 Prospect Place
Bristol, CT 06010
USA

Служба связи радиолюбителей
Государственный телевизионный центр
Заведующий: Александр - Камчатка
Инженер: Сергей - МСП - Всеволод
Служба связи радиолюбителей в Калининграде
С. Сидорова

cd. Disappointing to say the least. (D'Angelo-PA).

ROMANIA: Radio Romania
f/d cd. in 79 ds. for an EG rpt. (Turnick-PA)

SLOVAK REPUBLIC: Radio
Slovakia 5930 p/d cd. in 80 ds. (Turnick-PA).

SOUTH AFRICA: ZS6SRL 21545

* **South African Radio League** via **Sentech** in **Meyerton** f/d "ZS6SRL / ZU1A" cd. bearing a 1925-2000 sticker and a ltr. from Hans van de Groenendaal, Program Manager. This took 6 yrs and 4 mos. w/ no f/up rpts.

* (Craighead-KS). **World Music Radio 6290** via **Sentech** in **Meyerton** cd. of a "Comely Lass and a Radio Listening Boyfriend w/ a WMR T-shirt" on the front and f/d on the reverse. This was for a 97 reception. It took 7 yrs. and 5 mos. after numerous postal and e-mail rpts. v/s Stig Hartvig Nielsen, who also sent a ltr. regarding cds. for their transmission on 5815khz. (Berg-MA).

SRI LANKA: Radio Free Asia 11680 via **Iranawila** f/d "8 Year" cd. in 1 mo. (Field-MI).

SWAZILAND: Trans World Radio 6040 very classy looking oversized "30th Anniversary" cd. w/ station name and artist's drawing of studio building in Manzini on the front and a brief sta-

STATION NOTES: Radio TDP Service 7560 via **DTK Julich** v/s Ludo Maes, Technical Manager. Addr: P.O. Box 1, B-2310 Rijkevorsel, Belgium. **Pan American Broadcasting 15650** via **DTK Julich**. Addr: T-Systems International, Media and Broadcast, Regional Media Broadcasts Cologne, Merscher Hoehe, DE-5248 Juelich, Germany. v/s Walter Brodowsky, Account Manager. **Radio Biafra International 12120**. Report to the TDP address. **Voice of Russia 21515** v/s Miss Olga Troshina. **Radio Makedonias 7450** v/s Mrs. Tatiana Tsioli, Secretary to the Director. Addr: Agelaki 14, GR-54636, Thessaloniki, Greece. **Adventist World Radio 9385** Addr: 39 Brendon Street, London W1H 5HD, United Kingdom...Via PLAY DX...Sam.



tion description on the reverse. v/s Mrs. L. Stavropoulos, QSL Department. All in 7 wks. for a rpt. w/ CD and \$1.00. (Berg-MA).

SWITZERLAND: Swisinfo 9885 via **Sottens** f/d "Swiss Scenes" cd. w/ station info., brochures, sticker and a mousepad. I feel very lucky to have verified one of **Swiss Radio Internationals** final broadcasts. (Beattie-CA).

TAIWAN: Radio Taiwan International 11605 cd. in 1 mo. (Field-MI).

THAILAND: Radio Liberty 17660 via **Udorn** f/d cd. in 6 mo. (Barto-CT). **Radio Thailand** 13695 n/d cd. in 74 ds. for an EG rpt. & ms. (Turnick-PA). **Voice of America** 9620 via **Udorn** f/d "Udorn Antenna" cd. in 3 mos. (Barto-CT). 9645 a direct rpt. to the station bro-

NEWS MUSIC

YOUR QSL CARD FROM

THE AFRICAN SERVICE OF RADIO JAMAHIRIYA

via Barbour

BROADCASTING DAILY IN ENGLISH ON 15415 KHZ/198. SHORT WAVE FROM 18.00 - 19.00 HRS. U.M.T.

COMMENTS AND SUGGESTIONS ON HOW TO IMPROVE THIS BROADCAST ARE WELCOME. WRITE TO:

THE AFRICAN SERVICE RADIO JAMAHIRIYA P.O. BOX 17 HANRUM - MALTA

THE AFRICAN SERVICE RADIO JAMAHIRIYA P.O. BOX 333 TRIPOLI - S.P.A.A.

INFORMATION CULTURE



Certificado de Sintonía

Radio Melodía

PERU

Estimado Sr. John Sgrulletta:

Q
S
L

Muchas gracias por su informe de recepción. Tenemos el gusto de confirmar su control de nuestra emisión en 3,940 kHz de fecha 8 MAYO 2002 a las 19.23 horas de PERU con 1,000 vatios de potencia.

RADIO MELODIA S.A.

H. Salgado
DIRECTOR GENERAL

HERMOSILLO - TACNA - ILO

sello oficial

ught their own QSL cd. showing the entrance on the front and f/d on the reverse. Addr: IBB Thailand Transmitting Station, P.O. Box 99, Amphur Muang, Udonthani 41000 Thailand. With my f/up rpt. I sent a prepared cd, SASE and ms (used).Very pleased.(Berg-MA).

TINIAN: Radio Free Asia
9385 f/d "* year" cd
w/o site in 6 ds.

Separately I received a holiday greetings cd. w/ a personal note from A.J. Janitschek. (Craighead-KS).

TURKEY: Voice of Turkey 9650 f/d "Tiles" cd. w/ ltr. and schedule in 35 ds. for a f/up rpt., postcard and 1 IRC. v/s Sedef Somaltin.(Beattie-CA).

USA: WBOH 5920 Fundamental Broadcasting Network f/d cd. w/ religious brochures in 2 mos.(Barto-CT). WWRB 12172 and 9320 World Wide Religious Broadcasting f/d "Certificate" in 6 mos.(Barto-CT).

WHRA 17650 World Harvest Radio via Greenbush, ME f/d cd. in 6 wks. (Barto-CT). WHRI 9495 World Harvest Radio International f/d cd. in 5 wks. (Barto-CT).

USA (Pirates): Take It Easy Radio 6925 for reception of program in tribute to Johnny Cash. (Field-MI). The Crystal Ship 4070 f/d cd. w/ station pennant, promotional materials in 15 ds. for a rpt. to the Belfast, NY postal drop. (Wood-TN).

VENEZUELA: Radio Amazonas 4940 f/d cd. w/ personal ltr. in 48 ds. for a SP rpt. and \$2.00. v/s Angel M. Perez, Director. This was for a rpt. sent to Econ. Jorge Garcia Rangel, QSL Manager, at Calle Roma, Qta: Costa Rica No. A-16, Urbanizacion Alto Barinas, Barinas 5201, Venezuela. (D'Angelo-PA).

WESTERN SAHARA: Radio For Peace 15665 via Italian Radio Relay Service rcvd. "Bologna postcard" w/ handwritten message on the back saying: "I hope that you will listen to our program every Thursday and talk to your friends about the Saharan people!" This was for an e-mail rpt. and a postal rpt. w/ CD sent to: Radio For Peace, c/o Radio Kappa Centrale, Via della Beverara 125M, I-40131 Bologna, Italy. (Berg-MA).
Nice QSL!



기독교 전 세계의 사랑
라스팔마스순복음교회
FULL GOSPEL LAS PALMAS CHURCH

20th November 2002
PO Box 893
Intervale, NH 03845
USA

Best of QSLing.

Till Next Month.

Dear Mr. Barbour,

I am extremely pleased to reply your reception report.

I apologize for the reply being late. Byung-Sung Chung, my father, who is the General Superintendent Rev. of Full Gospel World Mission Association Africa General Council was too busy on his work, and he didn't feel comfortable with English, so I'm replying you instead.

Our church's broadcast is for the Korean crews who work in the Atlantic Oceans to hear the live church service. The transmitter output power is 100 watts, and it is located at our church. The frequency is 6715 kHz in USB mode.

73's

Ram

Net Notes

Tom Sundstrom • P.O. Box 2275 • Vincentown, NJ 08088-2275 • Fax: 609-859-3226 • trs@trsc.com
http://www.trsc.com

The new year is starting off with a rousing thud. A kidney stone led to a hospital stay, no heat in the house, my RSD flare-up in the hands and feet put me out of commission for days, a septic system back-up has brought joy to the household. Oh yes, the Journal deadline... <grin>.

The Tsunami

The Asia Tsunami that started with a magnitude 9.0 earthquake at 200412261259 UT is just terrible. The sights and sounds and stories coming out of the Western media news sources are repeated over and over again, making it difficult to grasp the magnitude of the disaster.

If you look overseas, there are other sources of information. Geoffrey Huntley of Sydney has assembled a huge Web site of video, photographs, satellite imagery, and other types of information. Wave Of Destruction—waveofdestruction.org—is hosted by OzForces and ads are at minimum. The minor downside to this site is that you probably will have to install a BitTorrent plug-in for file downloading. Find the proper Windows, Mac or Linux BitTorrent module through your favorite search engine.

I checked our inventory of English-language newspapers published on the Web. All of these newspapers were publishing regularly, and the extensive coverage was considerably different than in the USA media networks and news publications. Try these papers to start with:

Bangladesh: The Daily Star—www.thedailystar.net; The Independent—www.independent-bangladesh.com; The Observer—www.bangladeshobserveronline.com

Cambodia: Phnom Penh Post—www.phnompenhpost.com

India: Deccan Herald—www.deccanherald.com; Calcutta Telegraph—www.telegraphindia.com; The Tribune—www.tribuneindia.com

Indonesia: Jakarta Post—www.thejakartapost.com - Ea

Maldives: Haveeru Daily — www.haveeru.com.mv

Malaysia: Bernama (Press Agency)—www.bernama.com; New Straits Times—www.nst.com.my; TheStar—thestar.com.my

Myanmar: The New Light of Myanmar—www.myanmar.com/nlm

Tanzania: The Express—www.theexpress.com

Thailand: Bangkok Post—www.bangkokpost.com; The Nation—www.nationmultimedia.com; Pattaya Mail—www.pattayamail.com; Phuket Gazette—www.phuketgazette.net

Of all the countries affected by the water, only Somalia does not have an English language newspaper on the Web (to the best of our knowledge). It seems strange to this writer that Myanmar's paper does not even acknowledge this event shook the planet.

Additionally, check out India's NDTV at www.ndtv.com/ for live television video, news, prime time bulletins, and shows. The news ticker is Windows only. The site is not Mac-friendly and we could not test the pop-up windows for video; there is a video plug-in that your browser of choice may seek before being able to view the broadcasts.

The Sri Lanka Broadcasting Corporation maintains a strong presence on the Web at www.slbc.lk, including City FM and the Tamil National Service.

Contributors' Page

Bob Montgomery • P.O. Box 1458 • Levittown, PA 19058 • RMonty23@netzero.net

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Mike AGNER, Glen Burnie, MD	RS-320, Palomar pre, indoor ant.
Brian ALEXANDER, Mechanicsburg, PA	NRD-545 AOR AR-7030 100' LW
Scott BARBOUR, Intervale, NH	R-75, MLB-1, RS antenna system
Ray BAUERNHUBER, NY	Sony 2010, 23' vertical antenna
John BEATTIE, Ventura, CA	Drake R8B, Eavesdropper dipole, MFJ1026
Jerry BERG, Lexington, MA	R8A 165' LW
Ralph BRANDI, Middletown, NJ	AOR7030, R8, 300' longwire
Paul BROUILLETTE, Geneva, IL	Drake R8, ICF2010, 60' long wire
Jim CLAR, Rochester, NY	R8, Eavesdropper dipole, Palomar loop
Rich D'ANGELO, Wyomissing, PA	TenTec R340, Lowe HF-150, DX Sloper
Dennis DEAN, Bay City, MI	No equipment listed
Jim EVANS, Germantown, TN	RX340, R8B, 30 m wire, AN-LP1
Marlin FIELD, Hillsdale, MI	NRD535D, Eavesdropper ant
Bob FRASER, Belfast, ME	Sony ICF-2003 ICF-SW100S 2m LW
Jerry JOHNSTON, Lexington, KY	R8B, R75, 30' random wire
Jerry KLINCK, East Aurora, NY	NRD545DSP, R8, 80' longwire, 60 m dipole, 2 x 125' sloper
Fred KOHLBRENNER, Philadelphia, PA	Drake R8, NRD-525, Datong FL3, ANC4, sloper
Jerry LINEBACK, Scranton, KS	Sat 800 and beverage antennas
George MAROTI, Mt. Kisco, NY	R8B, K9AY loop, 30 m long, T2FD
Alvin MIRABAL, Onda Corta, PR	R71A, chain link fence antenna
Bob MONTGOMERY, Levittown, PA	NRD535D, R390A, RX320, HF150, SE3, T2FD,
Mike PACE, Tipton, IA	Drake SW2, MFJ1022
Dale PARK, Honolulu, HI	ATS-803A, R5000, LW antennas
Harold SELLERS, Burnt River, ONT	NRD-515, 200' long wire
David TURNICK, Sinking Spring, PA	NRD-545, Alpha Delta sloper
Joe WOOD, Gray, TN	DX-390, Grundig Mini 100 PE, whip antenna 

Net Notes Tsunami Extra by Tom Sundstrom

AIR allindiaradio.org looks spiffy, but a number of items are broken. The audio is out of service, and the related site newsonair.com has missing pages, such as the tsunami special. Not good at all.

Tropical Band Loggings

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- 2310 **AUSTRALIA ABC VL8A** Alice Springs 1120-1200 1/2 EE news & cmtry/interview on Iraq; poor. (Turnick-PA) 1053-1107 12/27 EE interview & mx by artist Leslie Morgan, ID, tsunami news and phone numbers for Red Cross donations, "You are listening to ABC news" ID. Fair, // 2325 VL8T Tenant Creek-poor. (Barbour-NH)
- 2380 **BRAZIL R. Educadora** 0039 1/8 ID is strickly tentative. Very weak with fades but audio on occasion popped in with female announcer in SS. First time copy on this one. (Montgomery, PA)
- 3172.6 **PERU R. Municipal** Panao 1027 12/18, SS vocals, M in SS, very poor. (Lineback-KS)
- 3185 **USA WWRB** Manchester, TN 0005 1/22 cl mx px hosted by David Frantz. Ancd FM freq of 94.1; strong. (Sellers-ONT)
- 3220 **ECUADOR HCJB** 1024 12/18, several M in Vern with occ. SS word, fair-good. (Lineback-KS)
- 3240 **SWAZILAND TWR** 0340-0347* 12/21 choral singing, M w/closing anmts to listed Ndau language program. Off 0345 with EE ID, music box IS. Carrier stayed on an extra two minutes. Poor. (D'Angelo/FCDX-PA) 0322-0335 Jan 1, tribal vocals; M&W talk in listed Ndebele language. ID & postal address 0329. EE ID 0330 as program changed to listed Ndau language. More IDs at new program opening. Poor to fair. (D'Angelo-PA)
- 3249.5 **PDR KOREA Pyongyang BCS** 1135 12/19, similar program to 3320 but not parallel, poor (Lineback-KS)
- 3249.68 **HONDURAS R. Luz y Vida** *1104 12/16, ID w/fqys (AM, SW and I thought FM), then long NA, into rel pgm. Audio very muddy at first, then improved a bit. - Also pretty good at 0346 12/18 SS ID, light rel vocals, closing anmt w/fqy 0356, then long Honduras NA to 0401 close. Better at *1104 12/18 w/ same opening as 12/16, into a prgm of EE preaching translated into SS; still there at 1200. And so-so in EE 0325 12/19, preaching, Xmas carols, full "classic C.Am missionary stn ID in EE" by Don Moore at 0353, giving SW and MW fqys, stn name as "HRPC, R. Light & Life" and inviting rpts to P.O. Box 303, San Pedro Sula. Pgm ended 0357+, carrier went off at 0359. (Berg-MA) 3249.7 1110 12/18, M preaching in EE w/W translating into SS, fair. (Lineback-KS) 1112 12/20 Presumed with EE religious program. (Kohlbrenner/FCDX-PA) (presumed) at 0242 1/21 SS ballads and M ancr. (Sellers-ONT) 3249.8 1146 1/22 M SS tlk, multiple IDs and Buenas Dias? over LA instl mx, ments. Ecuador? as well. (Clar-NY)
- 3254.86 **BRAZIL R. Educadora** Presumed 6 de Agosto, tuned in 1012 1/4 hoping to hear their 1015 s/on and found them already on with ZY pops, talk by M incl. his singing into the mike at one point, upbeat prgmng, the best signal I have hrd from this one, tho much QRN. The signal was easily good enough to get an ID, but there was none that I could pick out. Far gone by 1040, and just a carrier depression on most subsequent days, occasionally some weak audio. (Berg-MA)
- 3291.1 **GUYANA VOG** 1042 12/18, M in EE, EE pops, ute QRM, poor-fair. (Lineback-KS) 3291.3 0245 1/21 Hindi vcls & ancr taking phone calls. At 0410 playing Golden Oldies; M w/EE nx 0449. (Sellers-ONT)
- 3306 **ZIMBABWE ZBC** Harare 0033 1/8 rather nice music; W ancr between tunes.. (Montgomery, PA) 0023-0035 12/25, Vernacular, Phone-in program b/w musical bits and banter b/w ancrs. Passing mention of "R.Zimbabwe" 0030. Fair with static. (Barbour-NH) (P) 0320-0340+ 12/9 Local Afro-pop mx, Vern talk. Poor in ute QRM. Best in ECSS-LSB. (Alexander-PA) 0251 1/21 guitar mx & vcls, M ancr over mx. 0300 female chorus like an anthem, but pgm of popular dance music continued. 0336 M in EE with political pep talk, back to hi-life mx and vernacular. (Sellers-ONT)
- 3320 **S.AFRICA R. Sondergrense** 2105-2118 12/19 M in Afrikans w/ nx, some EE news clips. Poor (Kohlbrenner/FCDX-PA) 0402-0425 1/21 M&W Afrikaans nx by M&W, some EE clips; poor to fair with deep fading. (D'Angelo-PA) 0055 1/8 Afr folk tunes; exc. (Montgomery, PA)
- 3320.2 **PDR KOREA Pyongyang BCS** 1132 12/19 classical female vocals, into martial mx and short harangues by M, poor. (Lineback-KS)
- 3325 **BRAZIL R. Mundial** 0525-0605 1/8, some mx, but mainly long PP talks, ad string 0547 after mention of slogan Nossa Voz.? Weak to poor at best. (D'Angelo-PA)
- 3334.8 **PERU R. Luz y Sonido** Huanuco 1035 12/18, M in SS, ID, ads, poor. (Lineback-KS)
- 3340 **HONDURAS R. Misiones Internacionales** after Luz y Vida's close on 12/18 I tuned up here and found this one w/light rel vcls 0402, some talk from 0433, more vocals 0436, occasional quick "Radio MI" IDs, more talk 0458, mx, closing anmt 0506, inspirational message by woman with background mx and off at 0509*, no NA. Audio is at decent level during the mx, but usually the talk audio was nearly inaudible. (Berg-MA)

- 3345 **S. AFRICA Ch. Africa** *0259-0332 12/18 M ID "You are tuned to the English Service of Channel Africa broadcasting from Johannesburg, South Africa." Brief drum music noted prior to another ID, choral anthem and news. Poor to fair. (D'Angelo-PA) 0303 1/21 M w/ EE nx. (Sellers-ONT)
- 3375.1 **BRAZIL Rádio Educadora de Guajará Mirim** 0917-0945 12/21, lively morning program hosted by M w/PP talk, IDs & TCs. Big ad string 0919 after ID. Fair signal. (D'Angelo/FCDX-PA)
- 3485 **USA New York Radio** 0710-0715 12/24; M EE aeronautical wx; ID 0710 as "New York Radio". VG. (Wood, TN)
- 3905 **NEW IRELAND (PNG) RNI** 1127 12/18, EE pops, very poor under AROs. (Lineback-KS)
- 3905 **PAPAU R. New Ireland** 1208-1233 12/17, Vernacular/EE, local pops/island mx & phone call. Uup-beat Lionel Richie cover tune; then native reggae, ballad and pop music w/ W b/w selections until overtaken by USB traffic at 1233. Fair at t/in. (Barbour-NH)
- 3960 **PDR KOREA Chagong Provincial** 1142 12/19, classical KK female vocals, very poor under AROs. (Lineback-KS)
- 3976 **INDONESIA-KALIMANTAN RRI Pontianak** 1059-1108 1/3 Indo, chanting vocal music, brief anc 1100, back to music, battling for dominance w/ 2-way CW traffic from 1102 onward, otherwise would have had nice reception. (Barbour-NH)
- 3990 **CHINA Gannan PBS?/Xijiang PBS?** 1141-1202 12/18, Vernacular, "Persian"-like vocal music, anc then back to music 1150 w/ talk over, pips/ (p) ID over flutes and wind instruments 1200. Poor w/ USB chatter WRTH lists Gannan "as 1332 kHz" and Xijiang "Nov-Apr. only" Any clues? (Barbour-NH)
- 4026.8 **KURDISTAN VO The People of Kurdistan** 0341-0402 12/20, Kurdish, Martial/anthem music, M 0350 ment. "Kurdistan", "Democrati" and "Iraq" Also mentions of "kHz" but couldn't fully copy frequency. Koran into talks over music thru 0400. Booming at t/in, choppy by t/out. (Barbour-NH)
- 4386.5 **PERU R. Imperio** 0910-0923 12/20 M anc shouting SS ID & TC, then OA vocals; fair. (D'Angelo/FCDX-PA) 4386.58 1040-1048 12/20 rustic vocals, rel pgm; nice signal. (Kohlbrenner/FCDX-PA) 4386.55 (P) 0430-0450 1/19 M SS tlk w/echo, possibly in large hall or church. Responses by audience in background. 0435 talk was joined by music, possibly religious. 0437 M tlk over mx. 0440 Man joined by second man. Echo resumed, also responses from audience. Poor signal with fading. SINPO 23222 at best. (Jim Evans, TN) 4386.59 (T) 1049 12/17 outdoor sporting event (futbol?) w/echos, no ID in over 20 mins, so is tentative. (Agner-MD) 4386.94 2358-0012 1/17 SS, continuous rel mx w/brief talks by M. Poor/fair with static. (Barbour-NH) 4387 0607-0645 1/1, first log of this station. It sounded like a prerecorded bx of a religious rally; M w/ SS tlk, singing. Canned anmts & IDs over the rally program. Very faint, but clearly readable. (Wood, TN)
- 4460 **CHINA CPBS Beijing** 1255-1305 12/17, Mandarin, M&W w/ talks, music bridge, pips & ID 1300, then talks. Poor, battling with ute for dominance. (Barbour-NH)
- 4500 **ZAMBIA ZNBC R. Two** Following up on a possible log this one by Liangas-Greece in HCDX, I found it at 0258 Jan 2, varied mx, no anmt at ToH but 2+1 (long and high) pips, mx contd. Mainly light African vocals, talk by man, mainly EE but some in lang. Brief Fish Eagle cry hrd just before 0600 2+1 pips, EE ID, then nx and contd. with mx incl. western pops. Choppy signal at the outset, but settled down and strengthened a bit arnd 0345, then started deteriorating arnd 0415. (Berg-MA) 0350-0445 f/o 1/2, many English lyric pop vocals including Bee Gees and Whitney Houston. TC at 0355 by male announcer and 2+1 time pips at 0400 followed by ID and news. Poor to fair with signal strength rapidly decreasing after 0430. (D'Angelo-PA) 0339-0431 1/2 Apparently a relay of Radio 2 on 95.8 Mhz. Sunday Morning Show, with lots of ballads. Played the Bee Gees' "To Love Somebody". Brief Fish Eagle IS, TC and ID at ToH, followed by news summary. Very good signal and audio quality, a pleasure to listen to, SINPO 44434. (Maroti-NY) 0405-0420, 1/4, Vernacular, Nice mix of Afropops w/ M b/w selections, several IDs. Booming signal much better than 4910 which was NOT in //. (Barbour-NH)
- 4635 **TAJKISTAN Tajik Radio** (p) 0104-0132 1/7, Tajik-?, orchestral music at t/in, W anc to 1112, format of M&W b/w pop-like music bits 1115-1130 then traditional "RS" vocal music thru t/out. Poor with a few peaks, complete mess by 1130. (Barbour-NH)
- 4650.3 **BOLIVIA R. Santa Ana** 2330 12/17 M SS DJ w/lcl ballads. Weak but good audio. Also 1032 1/13 M SS tlk, lcl mx 1040; weak but good audio quality. (Klinck-NY)
- 4746.8 **PERU R. Huanta** 2000 0041-0110 12/20 M ss tlk, hosting px of OA vcls; P/F. (D'Angelo/FCDX-PA) 0045 1/5 nice OA mx, anmts, M long ID 0053; P/F. (Klinck-NY)
- 4750 **INDONESIA RRI Makassar** 2141-2203 f/o 12/19, peaking nicely 2145 w/M&W II ancrs, one mx selection before SCI & Jakarta news relay 2200. Fair but deteriorating by top of the hour. (D'Angelo/FCDX-PA)
- 4750 **SUDAN R. Peace** *0230-0247 12/20 opening ID and anmts, long EE tlk by W. Brief mx segment 0239, more talk; poor. (D'Angelo/FCDX-PA)
- 4754.7 **BRAZIL R. Educação Rural in Port.** @ 01:17 on 12/18 lcl. pop mx w/M anmts & ID. Very Good tonight. (Klinck-NY) 4755 0029 1/8; M ID , exc copy; M&W w/stn promo, back to mx; n nice copy. (Montgomery, PA)

- 4759.97 **LIBERIA ELWA** decent with IS 0556 12/24, instr. mx 0558, barely audible anmt 0600. (Berg-MA) 4759.98 0614 12/14 program "Back to the Bible", ending 0655, local continuity anc w/TC, ad for rel event in Monrovia 0702, mention of Monrovia City Hall 0705 in another commercial, "Joy to the World" 0708, "Little Drummer Boy" 0710 (Brandi-NJ) 4760, 2105 12/19 Presumed them with EE rel pgm. US based preacher. (Kohlbrener/FCDX-PA) 2123-2137 12/25 EE, "Silent Night" at t/in followed by whisper quiet anc, lost in the muck by 2137. Very poor/weak. (Barbour-NH) 2151 M EE preaching, 2155 song. Also 0612 M in EE, into Gospel song. 1/21. (Sellers-ONT)
- 4760 **ANDAMAN & NICOBAR ISLANDS AIR Port Blair** 1205-1219 12/28 Vernacular, cont Hindi ballads w/brief W b/w selections. Poor/fair. (Barbour-NH) 1145-1210 f/o 12/21, W anc w/Hindi talks, Hindi vocals and flute music. Poor with an intermittent growl on the channel. (D'Angelo/FCDX-PA)
- 4774.95 **SWAZILAND TWR** 0355 12/13 closing pgm w/repeating IS, EE ID, fair in QRN, off 0357. Back 0359+ w/IS, into GG, //6119.96 (very slightly better). (Berg-MA)
- 4775 **INDIA AIR Imphal** 1149-1212 12/20, M w/Hindi language talks with Hindi vocal program. ID 1200, nx. Poor to fair with deep fades. (D'Angelo/FCDX-PA) 1224-1240, 12/24, Vernacular, M w/talks, ID 1230, choral-like mx, brief anc ID 1233, into what sounded like a radio drama with a big drop in audio. Fair/poor, f/out by 1240. (Barbour-NH) Very exotic singing at 1120 12/16, the second best of the Indians this morning (after 4990). Talk 1130. (Berg-MA)
- 4775 **PERU R. Tarma** 0118-0125 12/21 flute instl mx; then M SS tlk & canned formal ID. W anc w/ long talk. Poor to fair. (D'Angelo/FCDX-PA) 1101 12/31 SS lcl mx, brief anmts, ID 1113, more OA mx fair today. (KLINCK-NY) 2349-0003* ss, pop mx M anc, at least 3 complete s/off routines, the last rather distinctive with dramatic Hammond organ flourishes. Certainly easy to ID in spite of weak signal. 1/2. (Brouillette-IL) 2354 1/7, M ID 0000. Fairly poor copy with lots of noise in back ground. Flutter in the audio. Two M 0006 w/SS conversation, nx. (Montgomery, PA) 0051-0103 1/18 SS, ballads, mx bits & talks by various ancrs. Fanfare/"canned" ID at 0100. Poor/fair. (Barbour-NH)
- 4775 **SWAZILAND TWR** 0343 1/21 in vernacular, Afr mx, M anc ment "Radio Trans Mundial". (Sellers-ONT) 0415 12/12 in GG, choral mx & M talking. Fair. (Johnston-KY) *0338-0350 12/21, mx box IS w/M anc giving English ID ("This is Trans World Radio, Swaziland") prior to opening ID & anmts in listed Lomwe program. Choral vocals followed by a female preacher. (D'Angelo/FCDX-PA)
- 4777 **GABON R. Gabon** carrier popped on 0528 12/18, then 0530 by pretty inauspicious start of prgm as man just started some animated talk, no mx, no ID, just talk. Then prgm of upbeat African vocals hosted by hearty-voiced man who made occasional mentions of Gabon. Animated talk from 0559, ments Gabon and "democracie," signal deteriorating. Signal was pretty good overall, though not as good as armchair level hrd to 2300* 12/11. (Berg-MA) 0542 1/21 M in FF, lively local music. (Fair, ute QRM Sellers-ONT) *0532-0550 1/20, open with W in FF, segment of highlife vocals, more talk by the woman, then M hosting a highlife vocals program. Fair. Again, *0539-0620 1/23, opening late with a woman talking in French followed by highlife music program. ID at top of the hour followed by news program. Fair but beginning to fade out during the news. (D'Angelo-PA) 0550 12/14 TC, ID "Republique du Gabon, Radio Nationale" 0551, music (Congolese-style guitar), ID 0558, R&B song in EE, ID "Radio Gabon" 0600, into nx, canned ID by W 0602, mentions of Libreville, more IDs throughout news; audio somewhat distorted; signal weaker by 0610 (Brandi-NJ) 0547-0612 12/21, FF anc at t/in, M into drums 0550, then talk over and b/w music bits thru 0600, (t)ID and talks thru t/out. Fair at best. (Barbour-NH)
- 4779.99 **GUATEMALA R. Coatan** *1030-1040+ 12/30 s/on w/NA; opening SS anmts w/ID 1035 & into local rel pgming w/talk & local choral mx. Weak but readable. (Alexander-PA) 0115 1/5 SS, frequent IDs & anmts by M w/some nice local vocals. Very strong & clear tonite. (Klinck-NY) 1152 12/29 SS, M&W w/long rel tlk to GTM vocal mx 1158; then M ID & promo into anthem-like mx at ToH. (Clar-NY) 0145 12/19 w/lcl & Christmas mx, M DJ w/ID 0153; good (Klinck-NY)
- 4781.38 **ECUADOR R. Oriental** 1054-1105 12/20 Andean vocals/instls, M ID 1102. (Kohlbrener/FCDX-PA)
- 4782.8 **MALI Radiodif TV Malienne** 2228 12/23 FF, 2 M talk w/mx bridges. Weak but clear. (Klinck-NY) 4783 2226-2240 1/3 FF, ballads & instls, two ancrs 2232 thru t/out. Very weak but clear, // 5995-improving, nothing on // 4835. (Barbour-NH) 4786.89 2310-2400* 12/23 FF talk, FF pops/bailads. 2359 S/off w/NA. Still off freq. Weak. Poor-weak on 5995. 4835 not heard. About 7 hours later at 0705, 12/24, heard on 4782.89 & 5995. (Alexander-PA)
- 4789.96 **INDONESIA RRI Fak Fak(p)** 1122-1132 1/3 Indo, very weak mx & tlks under mild QRN, presumed IS 1130. Poor. On 4789.98 1111-1130 1/14 Indo, anc w/tlks b/w ballads. Weak/poor, unusable by 1130. (Barbour-NH)

- 4799.7 **GUATEMALA R. Buenas Nuevas** in Mayan 2343, organ music, march music intro'd local calendar of meetings and events. Ments of "Asociacion Obrera" and "Voz de Cristo." Very strong. 1/2. (Brouillette-IL) 4799.78 SS & vern 2321 12/7, Poor-Fair w/sweeper QRM. W w/rel tlc in SS & lang. to insp. mx bridge 2324, then children praying & singing in SS; into ID and anthem-like mx at 2327. (Clar-NY) 4799.8 0052 1/8 Fair-Good. Light insp./instl. mx. to M SS ID 0057, organ hymn w/chimes, pgm note, address, then choral hymn 0059. (Clar-NY) 4799.9 020 12/22 SS, lcl mx, some talk w/ID; strong over sweeper. (Klinck-NY) 4800 2358 1/8 t/i w/children singing; M IDs 0000, 0003 & twice at 0005; then to local music. Don't recall ever hearing this one that good in the past. Lots of ids. Nice signal at S9 with some slight fades. (Montgomery, PA) 2350-0005 12/30, M SS nx w/jingles b/w items; ments of Cuba and Guantanamo; sports 2353; ID 0001 as Radio Buenas Nuevas.? At 0005 I think I recognized "This Little Light of Mine" by W in SS. F-G. (Wood, TN)
- 4800 **INDIA AIR Hyderabad** 0124-0138 12/21, long Hindi talk by M, then Hindi flute music; poor signal and badly squeezed by Buenas Nuevas on 4799.8. (D'Angelo/FCDX-PA)
- 4810 **MEXICO XERTA** (p) 0154 12/18 SS mx, some sounded like ballads, M SS anc, vy heavy buzzing and Link11 noise made copy next to impossible even in L/USB, so is presumed. (Agner-MD) 0019 1/8 SS song at t/i. M tentative ID 0027 between a number of songs. (Montgomery, PA) 1015 12/22 ID "para Centro y Sud America, X-E-R-M-X" with Sergio Mendes and Brasil 66's "Mais Que Nada" playing in background 1015, SS pop mx, "Desde el corazon de Mexico City, X-E-R-M-X" ID 1043 (Brandi-NJ) 1206 12/28 sprightly piano mx, M w/possible IDs into LA pop music. Very difficult copy. (Clar-NY) 0312-0333 12/20 SS anc w/talks b/w ballads and up-tempo music. Full ID w/call letters and (p) contact info at 0030. Fair w/ prop. flutter. (Barbour-NH) 1118-1131 12/20 Christmas mx w/ID 1121. (Kohlbrenner/FCDX-PA) 0052-0112 rock mx, canned, creationist anti-evolution message, more pop music. 1/2. (Brouillette - IL)
- 4815 **BRAZIL R. Difusora Londrina** 2322-2338 12/19, enthusiastic man preaching in PP. Fair with some CODAR slop. (D'Angelo/FCDX-PA)
- 4824.4 **PERU La Voz de la Selva** 0950-1012 12/21 program of OA music hosted by a lively, Christmas spirited M anc ("ho, ho, ho.") with SS talk, ID & TCs. Poor to fair with some CODAR splatter. (D'Angelo/FCDX-PA) 4824.6 0135 1/18 w/prayers by M&W & group in SS. Good. (Klinck-NY)
- 4830 **CHINA China Huayi B/C** 1204-1230 f/o 12/20, M&W CC tlc, px of Doris Day Christmas music. At 1215 they must have tired of Doris switching to Whitney Houston. Fair to good with some CODAR QRM. //6185 was under Mexican. //6185. (D'Angelo & Kohlbrenner/FCDX-PA)
- 4830 **MONGOLIA Mongolian R.** (T) 1112-1138 12/17, Mongol?/English, Choral-like music and disquera EE pops including "Stayin' Alive" by the Bee Gees. Music cut off for breif anc 1130 into alternating talks b/w M&W over wind-instruments and strings. "Wailing: vocal music w/ talk over at 1133 continuing thru t/out. Poor under static. Tentatively // 4895 at 1127 though inconclusive w/ AIR Kuresong 0/C and eventual s/on. Need to check // earlier. (Barbour-NH)
- 4835 **PERU R. Maranon** (P) 1025-1037 12/14 SS, very weak mx & talks under static. Possible ID at 1028 but too weak to copy. (Barbour-NH)
- 4840 **INDIA AIR Mumbai** 0148-0210 1/10, vernacular, Hindi music and talks, (p) ID 0159 followed by "bouncy" jingle music then alternating M&W ancrs w/brief music bits thru t/out. Fair. (Barbour-NH) 0003-0040 12/20 program of Hindi vocals & instls hosted by W. 0030 "3+1" time pips, then Hindi nx, //5010. Poor to fair. (D'Angelo/FCDX-PA)
- 4845 **MAURITANIA R. Mauritanie** 2149-2225 1/21 lcl mx & vernacular talk; good. (Sellers-ONT)
- 4845.2 **BOLIVIA R. Municipal** 0932-0955 12/20 rustic Bolivian vcls hosted by M w/SS talks & nice ID 0946 mentioning its shortwave frequency. Poor to fair but covered when Brazilian signed on at 0950. (D'Angelo/FCDX-PA)
- 4845.2 **BRAZIL R. Cultura Ondas Tropicais** *0950-0957 12/20, sudden s/on w/choral NA, then M PP ID & s/on anmts; ad string 0955 Fair to good blasting the Bolivian, Municipal. (D'Angelo/FCDX-PA) 1032 1/7 BRZ romantic mx, M ID & anmts. (Klinck-NY)
- 4850 **INDIA AIR Kohima** 1142-1205 12/28 vernacular, choral-like music w/ancr b/w selections, ID 1200, the M w/nx. Poor/fair w/varying audio levels. Not noted at earlier 1140 check. (Barbour-NH)
- 4855 **PERU R. La Hora** 2315 M&W SS talk, ID, ments of Cusco. Fair (Klinck-NY) 4855.84 1010-1030+ 12/11 OA folk mx, SS ID, tlc. Drifting up to 4855.86 by 1030. Fair. (Alexander-PA)
- 4860 **IRAQ Voice of Iranian Kurdistan** 0320 12/28 talk in presumed Kurdish, mentions of Iran, ID 0325 "Denge Kurdistan", music, talk by W 0330, ID 0335, music 0340, another ID 0341, more talk, silence 0357, audio back 0400, another ID 0430, fading out by 0455, call to prayer starting 0457, brief talk by M, then off 0459 (Brandi-NJ)

- 4865 **BRAZIL R. Verdes Florestas** I have been following this one and finally got a positive ID on Jan 7. It came on at 1036 and went into nice upbeat inspirational vocals by man, some kids chorus; nice canned ID at 1043 with AM and "ondas tropicais" calls and fqys, location as Cruzeiro do Sul. Then bells and muffled talk by man, seemed like a prayer, and into more audible preaching with intermittent background choral singing. Canned ID again at 1058, into mx. This one pops on at various times circa 1035, once at 1041, and the signal is seldom very good. (Berg-MA)
- 4865 **BRAZIL R. Alvorado** 0327-0037 1/11 PP, M w/prayer; repeated by group. Jingle, "Alvorado" ID 0330 then music and talks thru t/out. Poor, rapidly fading. (Barbour-NH)
- 4865 **BRAZIL Radio Missoes da Amazonia** 0925-0955 12/28 PP holiday romantic music format. Good signal. (Turnick-PA)
- 4874.8 **BOLIVIA Radio La Cruz del Sur** 1014-1038 12/26, W tlk in Aymara, rel vocal, more rel talks. ID 1033 after another vocal selection. Fair but high static levels. (D'Angelo-PA)
- 4874.8 **BRAZIL RDiF Roraima** 0351 12/12 pop mx, ID, NA, 0359 s/off. Good. (Johnston-KY) 4874.9 1020 12/31 almost continuous ballads & brief PP anmts, clear ID from this powerhouse on the hour. (KLINCK-NY) 4875 (p) 2346-2350 12/31 languid ballads in presumed PP. Heavy RTTY QRM. Static and tone QRM wiped out signal completely at 2350. Abysmal to very poor. (Wood, TN).
- 4880 **INDIA AIR Lucknow** 0137-0147 1/7, Vernacular, Hindi ballads, whisper-quiet anc 0145 then quickly unusable. Poor/weak. (Barbour-NH)
- 4885 **BRAZIL R. Clube do Para** 1000 1/7 another almost daily powerhouse w/ mostly Brazilian slow pops mx & good IDs. Very Good. (KLINCK-NY) 0945 1/2 wake-up mx w/PP w/M ID, more lcl. mx. Very good this AM. (KLINCK-NY) BRZ pop vocal pgm hosted by M; PP talks, canned ID & fqy anmt 0426. Fair signal. (D'Angelo-PA)
- 4890 **GABON RFI** 0420-0430 1/21 FF coverage of U.S. Presidential inauguration by M&W. 0423 talk abt Madagascar, Montreal, etc. 0427 pop mx; 0430 M ID; Good signal, best for this station this Winter. (Jim Evans, TN) 0428-0450 1/21, FF pop vocal, M ID, M&W FF nx from 0430. Good signal. (D'Angelo-PA)
- 4890 **PNG NBC** 1244-1306 12/24 EE, Christmas concert from Port Moresby. ID 1300 into news brief re UN, P.M.'s Xmas message, weather, PSA thanking everyone for 2004 work on AIDS awareness campaign. Back to music 1305. Good mx audio, muddy vox. (Barbour-NH) 1242-1305 12/20 mx pgm w/some US pops. National Radio ID 1259, into news. (Kohlbrenner/FCDX-PA)
- 4895 **INDIA AIR Kuresong** 1102-1138 12/12, vernacular, banter b/w two W & listener call-in, promo w/ pop-like music and flutes at 1130, then Hindi ballads. Weak but improving by 1130. (Barbour-NH) Not as good as usual at 1128 12/16, ending tone and going into AIR IS. (Berg-MA)
- 4900 **CHINA Voice of the Strait** (presumed) 1226-1245 f/o 12/20, continuous pop vocals. Poor to fair but fading fast. (D'Angelo/FCDX-PA)
- 4902 **BOLIVIA R. San Miguel** 0950-1002 12/20 rustic vcls, SS M&W w/ads, clock and bells 1000 w/anmts & ID. (Kohlbrenner/FCDX-PA) 1005-1030+ 12/11 SS talk, ID 1007, SS ballads. Fair. (Alexander-PA) 4902.5 2340-0002 12/1 W anc, long SS talk, ID near ToH. P-F. (D'Angelo/FCDX-PA)
- 4905 **CHINA Tibet Peoples BS** (T) Lhasa 0104 1/8, sounds like Tibetan language. M&W anc w/CC style music. Heard China mentioned 0107. (Montgomery, PA)
- 4910 **ZAMBIA R. Zambia** 0242 1/22 fish eagle IS; also barely audible on 6165 under QRM. Local noise blocked signal until 0256 when heard with songs and vernacular language. (Sellers-ONT) 1939-2003 12/25, vernacular/English, W ancrr w/ talks b/w musical bits. Pips, drums and EE ID, "Zambia Broadcasting Corp." and mention of "Radio One". Back to music by t/out. Fair at best. (Barbour-NH) 0410-0420 1/19 Afr pop music; M 0415 in vernacular. Heard on this frequency most Winter evenings. (Jim Evans, TN) 1930 12/19 Afr vocals and drums, man in vern. ZNBC ID. (Kohlbrenner/FCDX-PA) 2149-0135+ 12/31 highlife music w/M&W hosting New Year's px w/telephone calls from listeners in local languages. Many mentions of Zambia. ID 2328 before a phone call. Apparently running 24 hours for occasion. Poor to fair. (D'Angelo-PA) 2315 12/31 EE & vern, Afro-pops mx interrupted often by M. "Happy New Year" & "Happy New Year Africa", ID & into phone-in messages on 1/2 hr. Very good to good. (KLINCK-NY)
- 4915 **BRAZIL R. Difusora, Macapa** 0757-0805+ 12/11 PP anmts, ID 0758. Local pops. Fair. (Alexander-PA) 0955 1/2 w/PP anmts, ID, several ments. of Macapa & Brazil, into lcl mx program. Fair. (Klinck-NY)
- 4915 **GHANA GBC** 2207 1/21 M w/EE nx, 2209 another announcer, mentions of Accra. (Sellers-ONT) 0651-0701 1/1, Afropop in EE and vern. Very heavy QRM and QRN made signal almost unreadable. ID at TOH as You are tuned to the Ghana BC. Poor. (Wood, TN) 2148-2202 12/22, M EE anc, classical mx pgm. Drumming and ID 2200, then QRMed by a spur from WWCR. (Brouillette-IL)
- 4919 **ECUADOR R. Quito** 0503-0538 1/23, an old favorite noted with Latin vocals hosted by a M w/SS talks & ID 0516. Fair. (D'Angelo-PA)
- 4920 **TIBET Xizang PBS** Lhasa 1110-1121 1/22, Tibetan, ballads and talks over mx by M&W. Poor. // 4905 slightly better. (Barbour-NH)

- 4924.9 **BRAZIL *Rádio Educação Rural*** Tefe 0148-0200* 1/21 M w/rel talk & mx; clear ID & abrupt power off. F-G. (Klinck-NY) 2350-0138 12/6 PP, M w/apparent rel pgm, ads w/Jingle Bells, lcl mx. Again 0200 12/9 w/end of "A Voz de Maria" program and solid ID. (Brouillette-IL)
- 4925 **INDONESIA *RRI Jambi*** 1113-1137 1/15, Indo, Koran like chanting, W anc 1130 with (p) ID and brief mx, then nx. P/F. Also 1157-1217 1/11, distinct IS 1200, news and field rpts, // 3976-Kalimantan. (Barbour-NH) Weak 1145 12/16 sounded like Indopops, RRI IS for half a minute before 1200 when had talk by man (presumed nx). Hrd better other mornings. (Berg-MA)
- 4939.67 **VENEZUELA *R. Amazonas*** 1028 12/17, nice sig this morning with upbeat Latin mx, quick ID 'Amazonas presenta la musica de ...' into more mx 1029. (Agner-MD)
- 4940 **SÃO TOME *VOA*** 1940-1950 12/19 EE chatter with Afr flavored vocals, ID 2000. (Kohlbrenner/FCDX-PA) 2038-2101* 12/19 EE to Afr w/closing ID "Happy holidays from all of us at the African Service of the Voice of America." At 2100, "This is the Voice of America Washington, DC signing off." Gave DC address for program schedule. Fair. (D'Angelo/FCDX-PA)
- 4944.9 **BRAZIL *Em. Rural*** 0242-0255 1/8, began mixing with and eventually faded in to cover R.Difusora de Poaos de Caldes with seemingly religious talk in PP by M w/mention of slogan Voz de Sao Francisco. Poor. (D'Angelo-PA)
- 4945 **BRAZIL *RDifusora Pocos de Caldes*** 0202 1/21 PP w/lcl pop mx, jingles, M. DJ anmts & ID 0202. Weak but clear. (Klinck-NY) 0204-0246 1/8 vcls, PP talks by M, sometimes accompanied by W w/frequent Radio Difusora IDs. Poor to fair and in the clear until Emissora Rural began to fade up. (D'Angelo-PA) Nnoted with poor but useable signal 0830 1/3, the usual ZY fare, upbeat mx, anmts; ID at 0834 incl. a "Radio Difusora Pocos," AM fqy given, maybe FM also, no mention of SW noted; then theme from "Exodus" briefly and ZY pops. Fqy bobbles a tiny bit. For photos of their xmtrs, incl. their 1950s vintage RCA SW, see <<http://www.difusorapocos.com.br/transmissores/fm.php>> (No postal address apparent on the website.) (Berg-MA)
- 4950 **ANGOLA *R. Nacional*** 2210-2232 12/19 PP vcls & talk, Pink Panther theme. Poor (Kohlbrenner/FCDX-PA) 0055 12/22 PP M&W discussion, brief mx ID on hr. weak but clear. (Klinck-NY) 2357 1/4 P-F w/QRN. Pop mx to pips at ToH into M w/(presumed) Nx headlines. (Clar-NY) 0322 1/21 PP w/easy listening dance music, M anc. Also 2139 1/21 EE anmt "The Voice of America in Portuguese.", then into PP with what sounded like news. (Sellers-ONT) 0309-0400 1/1 PP px of various musical selections ranging from pop to native African chants. ID at ToH. Fair. (Turnick-PA) 0320-0403 12/17, M w/PP talks hosting a pop music pgm. ID 0355 & 0400 before nx. Poor to fair. (D'Angelo-PA)
- 4960 **SÃO TOME *VOA*** 0313 1/21 EE interview with man from Cameroon about Pres. Bush's inauguration. (Sellers-ONT)
- 4964.98 **PERU *R. Santa Monica*** Cusco 0955-1005+ 12/5 OA folk mx, canned ID anmts 1002. SS talk. Weak in noise. (Alexander-PA) 0956-1003 12/2 M w/ excited SS talks, then flute music, W ID, fqy anmts. Talk by two men followed by an OA vocal. Poor to fair. (D'Angelo/FCDX-PA)
- 4965 **ZAMBIA *Christian Voice*** 0032 12/14 EE DJ pgm w/lite pop ballads. ID's as "The Voice." Weak. (Brouillette-IL) 0340-0404* 12/9 contemporary Christian mx. EE inspirational messages. Many "The Voice" IDs. E-mail addr & addr in England for reports. Fair-good. (Alexander-PA)
- 4976 **UGANDA *R. Uganda*** 2053-2102* 12/25, vernacular, pop mx, ancrs w/banter mentioning Rwanda and Tanganyika. Afropops until 2102, then off w/o ID. Fair. (Barbour-NH) 0405-0442 1/17 M reading EE nx; ID 0416, more talking. Local music program from 0430. Fair. (D'Angelo-PA) 2043-210 12/19 px of soft vocals, MID, apparent closedown anmts in English at 2059. Poor to fair. (D'Angelo/FCDX-PA)
- 4985 **BRAZIL *R. Brasil Central*** 2336-2345, 12/30, song "The Day Christ was Born" in PP, followed by M in PP with presumed preaching. Vy faint. (Wood, TN)
- 4990 **INDIA *AIR Itanagar*** 1148-1219 12/24, vernacular, Hindi music, M at 1150, dead air 1200, more mx continuous thru t/out. No discernible ID noted. Weak with static. (Barbour-NH)
- 4990 **SURINAME *R. Apintie*** (P) 0001-0032 1/22, vernacular, W anc thru 0026, then choral ballad, brief M over music then back to W. Poor under static, unable to get a good read on the language. Not sure about this one. (Barbour-NH)
- 5000 **HAWAII *WWVH*** 2350 12/31 ticks, pips and time checks; NO leap second at 2359. (Reportedly the Sumatra earthquake affected the rotation of the planet and therefore the passage of time!) F/G (Park-HI)
- 5010 **INDIA *AIR Thiruvananthapuram*** 0118-0132 1/10, vernacular, presumed tsunami coverage as anc mentioned the word several times during monitoring w/PSA re "alcohol" 0122; "Akashvani" at 0123, another PSA at 0130 re "tsunami", into lite Hindi music and "Mirimana" by M. This AIR outlet has been pounding into N.H. the past few weeks at this time. Is it safe to assume it's running at increased power to provide local tsunami coverage to the affected regions? (Barbour-NH) 0030-0043 12/20, W w/Hindi nx, M ID & EE nx Local W anc 0040 w/brief talk before

- Hindi vocal selection by a man. Fair & //4840 for 0030-0035 news feed. (D'Angelo/FCDX-PA) IS starting 0018 12/25, poor level, usual AIR opening sequence at 0020. (Berg-MA) 1218 12/18 1218 S/C mx, talk in presumed Hindi, EE nx 1230, mentions of India, prime minister travelling to a province (Brandi-NJ) 0045-0057 1/7, vernacular, Hindi mx, nice ID at t/in & again 0050, mx & talks thru t/out. Booming signal! (Barbour-NH)
- 5010 **MADAGASCAR R. Nationale Malagasy** 0302-0319 f/o 12/17, W w/nx in Malagasy, instl mx after nx & talk by M. More instl mx 0310 W ID over mx. Fair at tune in but fading rapidly. (D'Angelo-PA) (T) 0302-0325 1/15, vernacular, various musical bits and talks by a variety of ancrs, (t) ID in passing 0310. Poor/fair, fading under static by t/out. (Barbour-NH)
- 5014.4 **PERU R. Altura** 0053 1/18 SS, nice Huanyo mx, M&W lengthy talks after ID & anmts on the hr. Fair. (Klinck-NY) 5014.6 1019-1050+ 12/11 SS talk, ID, campo mx. TCs, ad string & jingles. F/G. (Alexander-PA) 1021-1034 12/21, M SS talk & anmts, mentioning Cerro de Pasco. Px of OA vocals. Poor to fair signal but splatter from monster signal from Horizonte on 5019.9. (D'Angelo/FCDX-PA)
- 5015 **BRAZIL R. Pioneira** 0710-0725+ 12/24 PP pops, talk, ID. Poor in noise. (Alexander-PA)
- 5015 **USA WWRB Spur (from 5085)** 0150-0200+ EE rel pgming. Also hd WWRB spur from 5050 on 5120. Both spurs in at fair level. (Alexander-PA 12-17)
- 5019.9 **PERU R. Horizonte** 1021-1034 12/21 M w/morning OA mx pgm, SS talk, ID, long ad strings & OA music. Excellent signal rivaling nearby Rebelde for strongest on the band this AM. (D'Angelo/FCDX-PA)
- 5025 **CUBA R. Rebelde** 2330-2335 12/30 two M ancrs, one named Antonio? Tlk of politics and liberty. Ments of Italy. VG. (Wood, TN) 0726-0735 12/24 M/W ancrs w/patter & lively Caribbean mx. VG. (Wood, TN).
- 5030 **BURKINA FASO R. Burkina** 2254 12/15 M FF tlk, IDs, Afropops. F/P (Clar-NY) Presumed R. Burkina, on early/late Jan 1 at 0300+ with varied mx--EE pops, rap, Afr. vocals, combo mx, call-ins, studio patter, many "merci beaucoup." Good signal, maybe one ID but not sure, and nothing at 0400 when still going strong. Also hrd presumed Bamako-4782.9 at the same time in FF, but it was gone at 0345 re-check. (Berg-MA) 2124 1/21 FF, mxin French, music. At 2137 noted in vernacular. (Sellers-ONT) 2140-2232 12/18, FF M w/lively highlife mx pgm. W ID 2200, nx; sports 2214, more mx 2216. Fair to good signal. (D'Angelo-PA) 2238-2215 12/31, FF pop & native chanting musical selections. Was able to positive ID via a local listener who called in asking if this was the subject radio station. Fair. (Turnick-PA)
- 5030 **COSTA RICA University Network** 2341 1/9 Gene Scott; fair w/QRM. (Clar-NY)
- 5035.1 **BRAZIL Radio Aparecida** 2330 12/31 M PP rel talk & mx. Fair w/some QRM. (Klinck-NY)
- 5040.83 **BURMA R. Myanmar** 1243-1304 1/3, Burmese, ballads, piercing wind instrument 1245, brief W (p) ID over mx 1300 then talks continuing thru t/out. Poor. (Barbour-NH)
- 5045 **BRAZIL R. Guaruja Paulista** 0210 1/21 two M w/PP discussion. Fair. (Klinck-NY)
- 5050 **TANZANIA R. Tanzania** 2042-2101* 12/20 Afr vocals, M in presumed Swahili; pips 2100 w/ anmts, pres NA and off. (Kohlbrener/FCDX-PA)
- 5050 **UNITED STATES WWRB** TN 0239 1/21 M preaching. (Sellers-ONT)
- 5446 **USA AFRTS** Key West 0735-0740 12/31 M EE ads for Bass Pro Shops and a spy robot. ID 0735 as "This is the AFRTS Army Medical Report." Ments of change of command ceremony for Army Medical Corps. Item on mental health and soldiers in Iraq and Flu vaccine shortage. Fair-good. (Wood, TN)
- 5486.7 **PERU Reina de la Selva** 1010-1033 12/21, nice pgm of huaynos hosted by M ancr in SS talk, TC & ID. P/F. (D'Angelo/FCDX-PA) 1028-1043 1/7 SS ballads, M ancr; P/F; Thanx D'Angelo - FCDX tip. (Barbour-NH)
- 5500 **ETHIOPIA Voice of Tigray Revolution** *0356-0434 f/o 12/27, IS, echo affect ID by M, Horn of Africa music. W w/opening anmts in Tigrinya, news. Program mainly of talks with short musical segments. Fair with //6350 poor to fair. (D'Angelo-PA)
- 5544.65 **PERU R. San Andreas** (P) 0105-0125 1/18, SS?, continuous format of ballads w/brief ancr over mx at end of each selection. Very weak/poor. (Barbour-NH)
- 5775 **ITALY IRRS** 2044 12/20 pop & jazz mx, EE ID 2047, talk on global warming. (Kohlbrener/FCDX-PA) 2215-2300* 12/17 English. (Alexander-PA) 2213-2231 1/9 English lecture, mx (Barbour-NH)
- 5840 **UKRAINE R. Ukraine Int'l** 2234-2300 1/9 EE "Music from Ukraine" pgm. W w/Euro & NA schedules, contact info. IS at 2300 into Ukrainian service. Fair w/ good mx audio, "muddy" vox. (Barbour-NH)
- 5860 **CHINA VO Jintling** 1140-1203 1/3 Mandarin, two W w/ talks, music 1154, then various ads/promos w/R&B ballad in presumed EE at 1157-1159, pips and (p) ID at 1200 by M&W. Various talks and music bits thru t/out. Fair. (Barbour-NH)



International Band Loggings

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- 5945 **AUSTRIA ORF** Moosbrunn in GM 2149, political/historical tlk, WYFR splash (Brouillette IL 12/20)
- 5955 **AUSTRIA V of Vietnam** relay in VT 1920, tlk, mx, ID, IS, NA?, into FR 1930, f-p (Clar NY 12/18)
- 59525 **BOLIVIA R Pio Doce** in SP 0945, tlks over mx, jingle "Pio Doce, Pio Doce", ad string, fair signal up to 1000 s/on by WYFR on 5950 (Barbour NH 12/14)
- 5975 **ANTIGUA BBC** relay in EG 2325, tlk on history of war films, in-depth nx, vg (Turnick PA 12/26)
- 5980 **MOROCCO RTV Marocaine H.S.** relay in AR 0005, ID's, low tlk over and b/w selections of light ME and instrumental mx, fair signal w/QRN (Clar NY 1/5)
- 5995 **AUSTRALIA R Australia** in EG 1442. tlk show, reading from a book, ID, TC, g (Dean MI 1/3)
- 60102 **BRAZIL R Inconfidencia** Belo Horizonte in PT 0753, nice lite local ballads, many ID's, TC's, ads, dominant on the fgy but fighting it out w/Conciencia the next day (Berg MA 1/6)
- 6010 **GERMANY Radio 555** (Netherlands) relay via Juelich in DT 1750, special one-day only bcst on behalf of tsunami victims, fast-moving tlk, musical groups, crowd noise, many ID's, nx on the hr and half-hr, also hrd on 6045 at 2100 and 6015 at 0830, list of several stations participating, vg reception (Berg MA 1/6 for fqys 6010 and 6045, Montgomery PA for fgy 6015, D'Angelo PA for fgy 6045)
- 6020nf **ALBANIA China R Int** relay in EG 0021, nx, Israel to release Egyptian prisoners, upcoming trial of Saddam Hussein, ID, promo, pgm note, fair signal (Clar NY 12/20)
- 6025 **SLOVAKIA R Budapest** relay in EG 2202, nx, ID, "Hungary Today" about econ (Brouillette IL 12/20)
- 6035 **SAO TOME VOA** relay in EG 2028, ID, promo for "Hip-Hop Connection", "Africa World Tonight" feature w/rpt on children's book by Marlo Thomas, f-g (Clar NY 12/24)
- 6055 **SPAIN REE** Noblejas in SP 0005, discussions re lengthy stay in Spain by Pinochet of Chile followed by tlk about Catalanian food (Field MI 12/25)
- 6055 **RWANDA R Rwanda** Kigali in FR 2019-2100*, audible after Turkey s/off at 2022, variety of Afro and FR pops, US country mx, ID's, phone-in pgm w/tlks over and b/w mx and some EG/Vern speakers, covered by Romania s/on 2059 (Alexander PA, Brandi NJ, Berg MA, Barbour NH, D'Angelo PA)
- 6060nf **CUBA R Reloj** in SP 0700-0740 t/out, hrd after RHC s/off, nx, time ticks in the background, ID's in CW and spoken, strong RHC-level signal, abrupt s/off 0740 (Berg MA 12/29)
- 6060 **PHILIPPINES VOA** relay in Khmer 2222, cmntry on Pakistan, ID, address (Brouillette IL 12/20)
- 6060 **ARGENTINA RNA** Buenos Aires in SP 0932, cmntry on Argentina, TC's, ID's, nx, SP programming (Brandi NJ 1/6, Turnick PA 12/27)
- 6080 **BRAZIL R Novas de Paz** Curitiba in PT 0825, syndicated relig pgm, ID's, fqys, QRM from HCJB at 0830 s/on, //s 9515 and 11725 (Berg MA 1/6)
- 60899 **CHILE R Esperanza** Temuco in SP 0245, tlks and light relig vcls, TC 0305, ID as "Esperanza", fair signal despite co-chan QRM from R Bandeirantes, no sign of Dr. Scott's network (Berg MA 12/19)
- 6090 **ANGUILLA World University Network** in EG 0541, pgm details, Dr. Scott sermon (Pace IA 11/23)
- 60903 **COLOMBIA R Macarena** Villavicencio in SP 1050, ID, short NA, tlks, many ads, TC's, classic upbeat "big city" Colombian morning style, occasional QRM after 1125, f-g (Berg MA 12/22)
- 6100 **BOSNIA Radio of Serbia & Montenegro** relay in EG 1932-2205, nx, ID, promo, pgm note, rpt about rights of soldiers during World War II (Clar NY 12/18, Brandi NJ 12/21)
- 6110 **PHILIPPINES VOA** relay in EG 1159, IS, theme mx, ID, TC, nx re tsunami death toll, p-f (Clar 12/28)
- 6115 **ALBANIA R Tirana** in EG 1950, nx w/mention of art exhibition in Tirana, ID, pgm note, cmntry re foreign policy and economic development in Albania, f-p, //7210 (Clar NY 12/22)
- 6120 **IRAN V of Justice** Kamalabad in EG 0128, anti-US programming, good signal (Turnick PA 1/1)
- 6125 **RUSSIA V of Russia** via Irkutsk in KR 1010, IS, tlks, orch mx, QRM from CNR (Berg MA 12/19)
- 6130 **LAOS LNR** Vientiane in Laotian 1135, lcl ballad-style mx, much tlk, 7 gongs TOH (Klinck NY 12/21)
- 61348 **BOLIVIA R Santa Cruz** in SP 0946, SP ballads, ID, Singing Dogs w/"Jingle Bells", ad string, vg (Alexander PA 12/17)
- 61349v **BRAZIL R Aparecida** in PT 0757-0834, ancmts, tlk, PT ballads, ID 0800, TC, ads, good signal but way under R Santa Cruz at 0900 re-check, //9630 (Alexander PA 12/16, Berg MA 12/23)
- 61499v **BRAZIL R Record** São Paulo in PT 0840, call-ins, TC's, ID's, jingles, promos, fair (Berg MA 12/23)
- 6165 **CHAD Rdif Nationale** Ndjamena in FR 0548, phone #'s, address, cmntry, mx, QRM (Wood TN 12/17)

- 6170 **SRI LANKA** *Deut Welle* relay in EG 1602, nx, Newslink theme, TC (Brandi NJ 12/16)
- 6185 **MEXICO** *R Educacion* in SP 2004, ID's, TC, orch mx, LA chants, f-p, heavy QRN (Wood TN 12/21)
- 6185 **BRAZIL** *R Nac Amazonia* Brasilia in PT 2237, echo sfx, lcl mx, IDs, wx rpts, exc (Brouillette 12/20)
- 6188 **PERU** *R Oriente* Yurimaguas in SP 1030, ID, indigenous mx, excitable OM anc (Brandi NJ 1/6)
- 6190 **SOUTH AFRICA** *BBC* relay in EG 0342, African svce, TC's, ID's, pips, nx 0400, fair signal until China R Int s/on started up on same fqy (D'Angelo PA 1/6)
- 6285 **NORTH KOREA** *V of Korea* Kujang in EG 1017, tlk about US war in Iraq, ID, fair signal level but weak audio and QRM from rtty station (Montgomery PA 1/11)
- 6350usb **HAWAII** *AFN* relay via Pearl Harbor in EG 1202, nx about Donald Rumsfeld, f (Agner MD 12/14)
- 63988v **NORTH KOREA** *Pyongyang BS* Kanggye in KR 1034-1105, pgm of long tlks in KR w/segments of Korean vocals, ID, nx at TOH, p-f, //6250 also p-f (D'Angelo FCDX/PA 12/20)
- 65203v **PERU** *R Paucartambo* in SP 1003-1045, lively Huanyo mx, ID, ment Cusco, tlk over mx, brief nx, f/o by 1045, otherwise fair, reactivated station (Klinck NY 12/31, D'Angelo PA FCDX/PA 12/20)
- 65361 **PERU** *RDif Huancabamba* in SP 0048-0106, long discussion by OM/YL, mx bks, ID 0100, several Saludos followed by names of various towns/regions, slogans, promos (Klinck NY 1/4, Clar NY 1/8)
- 67651 **THAILAND** *Bangkok Meteorological Radio* in EG/Thai, IS, wx read by YL (possibly a computerized voice interspersed w/ musical notes), IS at 1059, 1155, and 1205, good signal (Johnston KY 12/12)
- 7105 **BELARUS** *R Belarus* Minsk in EG 2030, ID, fqy, sked, address, nx, tlks w/polka-like musical bridges, poor-fair, //7140 poor (Kohlbrener FCDX/PA 12/20, Barbour NH 1/5)
- 7110 **ETHIOPIA** *R Ethiopia* Addis Ababa in Amheric 1907, rapid fire tlks, "techno" mx bits, Horn of Africa vocal, weak but clear, //97042 buried under 2 hets (Barbour NH 12/28)
- 7115 **EGYPT** *R Cairo* in EG 2317+, nx re Palestinian elections, visit by Tanzania's VP, ID, fqys, sked, ME vocals, QRM from R Liberty relay (Barbour NH 12/3, Clar NY 1/4)
- 7115 **INDIA** *AIR* Panaji in Farsi 1632, subcont vocal mx, tlk, ID, fair w/fading and QRM (Clar NY 12/31)
- 7125 **MOLDOVA** *V of Russia* relay in RS 0426, tlks, much pop mx, several ID's, vg (Turnick PA 12/26)
- 7125 **GUINEA** *RTV Guineenne* Conakry in FR 0626, ID, lots of Afro pop mx like reggae, TC, comedy skit, sports, nx, g (Wood TN 12/24) in FR 2245, ID's, great mx, cmntry w/mx, exc (Montgomery PA 1/15)
- 7135 **SRI LANKA** *VOA* relay in HD 0055, Beach Boys mx, ID, fqy, nx,, EG ID 0059 s/off (Clar NY 12/21)
- 7145 **LAOS** *LNR* Vientiane in VT 1225, ballads, tlks, fanfare 1230, f/o by 1237, p (Barbour NH 12/20)
- 7150 **CHINA** *CNR-2* Xi'an in EG/CH 1305, live mx in studio w/musician and his guitar covering USA pop mx (e.g. Simon & Garfunkel, John Denver, Beatles etc.), into CH prgming 1358 (Brandi NJ 12/12)
- 7155 **ALBANIA** *China R Int* relay in GM 1645, wrap up around 1645 using "new mail" snd from Microsoft Outlook b/w items, ID 1700, into nx (Brandi NJ 12/16)
- 7160 **THAILAND** *R Thailand* in CH/Thai 1326, IS, ID 1330, into Thai, fanfare, nx, g (Barbour NH 12/20)
- 7200 **RUSSIA** *R Rossii* via Yakutsk in RS 1039, radio drama, f/o 1100, f/in //7320, p (Barbour NH 12/25)
- 7205 **THAILAND** *VOA* relay in EG 2350, feature recounting history of Times Square New Year's Eve celebration, fair w/QRM (Clar NY 12/26)
- 7205 **IRAN** *VOIRI* Sirjan in RS 2001, ID's, theme mx, nx items w/ME mx bridges, f, QRM (Clar NY 1/2)
- 7210 **ALBANIA** *China R Int* relay in SP 2332, CH lang lesson, ID, promo, //6175, f-g (Clar NY 1/9)
- 7215 **SOUTH AFRICA** *TWR* relay via Meyerton in Amheric 0335, exotic mx, tlk, ID, g (Berg MA 12/23)
- 7255 **THAILAND** *VOA* relay in IN 1156, tlk re recent violence in Iraq and efx on upcoming elections (clips in EG), ID, VOA jingle w/theme mx at 1200, nx headlines, fair w/flutter (Clar NY 1/8)
- 7285 **ALBANIA** *China R Int* relay in EG 2040, feature entitled "People in the Know" w/interviews re trade between China and European Union, ID's, website, promos, beamed to Europe, f (Clar NY 12/13)
- 7320 **IRAN** *VOIRI* Sirjan in EG *1930-2028*, NA, Koran pgm 1932, relig messages in EG, nx, ID's, sked, address, mx, tlk re Jewish influence on US Mideast policy, feature tlk abt the work of an Iranian poet, fair w/poor audio, //6110, 11695 (Alexander PA 12/11, Clar NY 12/15, Dean MI 12/31)
- 7325 **AUSTRIA** *RAI* Moosbrunn in EG 0025, tlk re flood prevention plans for Danube, g (Fraser ME 12/14)
- 7345 **SLOVAKIA** *RSI* in FR 2052, ID, traditional Slovakian dance mx, tlks, ID's, pgm/sked note, address, IS to 2057*, f (Clar NY 12/13) in EG 1943, tlk, mx, New Years wishes, fireworks, f (Dean MI 12/31)
- 7380 **SOUTH AFRICA** *V of Biafra Int* relay in EG *2100-2159*, s/on anmts, local mx, religious mx, ID's, prayer, nx re corruption and suffering in Nigeria, xmted Sats only, g (Alexander PA 12/11)
- 7430 **GREECE** *Filia R* via V of Greece Kavala in EG *1929-1958*, instrum'l mx, ID incl FM & AM fqys, into local and international nx, PSA for "moneygrams", f-g (D'Angelo FCDX-PA 12/20)
- 7465 **RUSSIA** *R Radonezh* via Novosibirsk in RS 1948, gongs 1949 & 1955, otherwise all tlk, Moscow address given twice 1955, E-mail site, religious orch mx, s/off 2000, fluttery signal (Berg MA 12/24)

- 7500 **BULGARIA R Bulgaria** in EG 1845, "Events and Developments", tlk about Bulgarian sumo wrestler (Fraser ME 12/13) in GM 2015, "Ride of the Valkyries" mx and tlk abt it, IDs, g, //5800 (Clar 12/15)
- 7520 **ISRAEL V of Israel** in FR 2028, IS, pips, TC, ID, nx headlines, //6280, p-f w/QRN (Clar NY 12/23)
- 7550 **ARMENIA R Free Asia** relay in Tibetan 2323, political tlk, mx, ID, promo, f-p, //9875 (Clar NY 1/9)
- 9290 **LATVIA R Marabu** Riga in GM 1138-1209, ballads/pop/dance mx. ID's, f-g (Barbour NH 12/25)
- 9315 **SRI LANKA R Liberty** relay in Kyrgyz 1420, tlks w/mx bridges, ID's promos, pop mx, f (Clar 12/30)
- 9335 **SRI LANKA R Farda** relay in Farsi 2115, ID, brief tlk, Iranian? mx, f-g (Klinck NY 1/4)
- 9390 **PAKISTAN R Pakistan** Islamabad in EG *1600-1615*, ID, nx re President and local developments, cmntry at 1610 but signal became unusable by s/off, p (Barbour NH 12/21)
- 9395 **KAZAKHSTAN Deut Welle** relay in GM 1214, ID's, nx, incl rpts from Thailand and Sri Lanka on tsunami relief efforts, f-p with flutter (Clar NY 12/28)
- 9435 **CZECH REPUBLIC R Prague** in CZ 2239, jazz arrangements of Christmas carols in CZ lang, phonetic address at 2254, into FR? at 2254 at which time signal improved, f-g (Wood TN 12/27)
- 9485 **FRANCE V of Africa** (Libya) relay in EG 1820, nx, ID, //11635, 11715 (Alexander PA 12/26)
- 9475 **AUSTRALIA R Australia** in EG 1725, phone-in talk show, //Real Audio on Internet (Brandi 12/16)
- 95049v **PERU R Tacna** in SP 1014, holiday mx over ads(p), ID 1034, fqy drift (Kohlbrener FCDX-PA 11/20)
- 9525 **SWAZILAND TWR** relay in FR 1935, ID, relig tlk, many ments Bible, inspir'l mx, f-p (Clar 12/28)
- 9525 **POLAND R Polonia** Warsaw in GM/EG 1246, GM service until 1255, 4 minutes silence, IS at 1259 and ID in EG, nx re tsunami and Polish victims, website, p (Barbour NH 12/28)
- 9545 **RWANDA Deut Welle** relay Kigali in EG 0413, "Newslink", ID, "Money Talks" feature, fair but // on 6180 was poor (D'Angelo PA 1/6)
- 9550 **CUBA RHC** Havana in EG 0525, diatribes against the Confederacy and slavery in the USA before the Civil War, ID 0541, vg (Wood TN 12/17)
- 9580 **AUSTRALIA R Australia** in EG 0830, special b/c featuring a live fund-raising concert to benefit tsunami victims, sponsored by 3 commercial networks in Australia, nx break 0900, promo on RA fqys around the Asia-Pacific region (Berg MA 1/8)
- 9580 **GABON Africa #1** Moyabi in FR 2259*, pop mx, s/off ancmts w/xylophone mx (Brouillette IL 12/10)
- 9590nf **FRANCE R Centrafrique** (Central African Republic) relay in FR 1850, ID, African combo mx and lots of native-sounding mx, some talkovers, Xmas carol, upbeat ancmts, ment Bangui, rough overmodulated audio (Berg MA 12/25) in FR 2030, indigenous and reggae mx, no ancmts b/w songs, ID, sked for broadcasts in FR and Sango at 2130 (Brandi NJ 12/26) ED: Relay xmtr in France said to be 500 kw.
- 9590nf **AUSTRALIA RA** in EG 0757, end of "PM Magazine", promos for "Sports Factor" and "Australia Talks Back" coming up next, TC's Phnom and Hong Kong, nx 0800, g, //9580 (Park HI 12/10)
- 9590 **NETHERLAND ANTILLES RVI** (Belgium) relay in EG 0503, cmntry on respiratory diseases in Flanders, ment of a V-bomb hitting a cinema in Antwerp during WWII, song by "Urban Tribe", ID 0510, tlk re coffee consumption in Belgium, g-vg (Wood TN 12/17)
- 9635 **CHILE Voz Cristiana** Santiago in SP 2308, LA pop mx, ID's, slogans, pgm titled "Biblia Americana", phone #'s, web address, fair w/QRN (Clar NY 12/15)
- 9645nf **THAILAND VOA** relay in EG 1335, "VOA Jazz America", p-f with deep fades (D'Angelo PA 12/18)
- 9645 **SRI LANKA VOA** relay in EG 1502, nx, listener mx request pgm "Border Crossings", ID's, promos, Merry Christmas from VOA News Now, carols, //9685 (D'Angelo FCDX-PA 12/20, Clar NY 12/25)
- 9645 **BRAZIL R Bandeirantes** São Paulo in PT 2123, discussion by 2 OM's, ID, ads, 5+1 pips over tlk at 2130, fair reception at DXpedition site (D'Angelo PA 12/19)
- 9675 **BRAZIL R Canção Nova** in PT 2115, soft relig vocals, into sermon, ID, f (D'Angelo FCDX 12/19)
- 9680nf **BULGARIA Christian Voice** relay in EG 2000*, caught closing ID giving address in England and encouraging reports for "this test transmission", f-g (D'Angelo FCDX-PA 12/19)
- 9680 **GERMANY VOA** relay Juelich in Farsi 1942, telephone call-in feature, closing ancmts, ID in EG at 2000* sign-off, no sign of Christian Voice relay from Bulgaria, p-f (D'Angelo PA 12/26)
- 9690 **INDIA AIR** Bangalore in EG 1343-1437, cmntry re nuclear weapons and Pakistan, ID, into pgm of HD vocals, nx 1400, fair to poor by tune-out (D'Angelo PA 12/18)
- 9690 **SPAIN China R Int** relay in EG 0311, "News & Reports", "Life in China", g (Turnick PA 12/30)
- 9705 **INDIA AIR** Panaji (Goa) in EG 2327, ancmts, ID at toh, mailbag, good reception (Klinck NY 12/20)
- 9715 **UZBEKISTAN R Tashkent** in HD/EG *1258-1353 f/o, IS into HD pgm, into EG pgm 1330, ID, nx, fqy, sked info, fair (D'Angelo FCDX-PA, Kohlbrener FCDX-PA 12/20)

- 9740 **SINGAPORE BBC** Far Eastern relay in EG 1106, features re tsunami and aftermath (D'Angelo 12/20)
- 9760 **ITALY RAI** Rome in EG 1938, ID's, address, nx re Italian efforts to aid SEAsia tsunami victims incl a fund-raising effort headed by RAI, good (Clar NY 1/2)
- 9770 **CHINA China R Int** Shijiazhuang in CH 1952, CH pop mx, tlk, ID, sked, promo, QRN (Clar NY 1/15)
- 9770 **SRI LANKA SLBC** Colombo in EG *1227-1243, IS, pips, ID over mx, children's mx pgm, promo for SLBC, weaker than usual - may be running at reduced power due to tsunami (Barbour NH 12/28)
- 97797v **YEMEN Republic of Yemen** Radio Sanaa in EG 1800-1900, fanfare, ID, nx brief re Palestine martyrs and Iraq occupation, US 80's pop ballads, tlk on local agriculture (Barbour 1/7, Alexander 12/26)
- 9800 **UNITED KINGDOM Leading the Way** relay via Rampisham in Farsi/EG *1700-1730*, tlk over mx, relig pgm re Book of Nehemiah, EG phrases followed by translation, E-mail address (Barbour 12/21)
- 9830 **JORDAN R Jordan** in AR 1927, lively ME pop-style mx, ID "Huna Amman", tlks, g-vg (Clar 12/20)
- 9870 **NEW ZEALAND RNZI** in EG 1318, rpt on forest fires on island of New Caledonia, ID at 1320, fair (Fraser ME 12/12) in EG 1434, ID's, TC, promo/pgm note, feature re people's names (Clar NY 12/30)
- 9885 **NEW ZEALAND RNZI** in EG 0836, Bing Crosby Xmas mx replacing "Mailbox", vg (Park HI 12/20)
- 9910 **INDIA AIR** Aligarh in Tamil 0017, tlk, ID's, rpt on destruction in Sri Lanka from tidal waves caused by earthquake off Sumatra (w/some words in EG?), poor w/QRN (Clar NY 12/28)
- 9950 **INDIA AIR** Delhi in EG 1937-1945*, subcontinental vocals, ID, fqy, sked, p-f. //9445 (Clar NY 1/1)
- 11550 **TAIWAN R Australia** relay Taipei in IN 2316, political cmntry, ID's, ment G. Bush, p (Clar NY 1/10)
- 11690 **RWANDA Deut Welle** relay Kigali in GM *2157, IS, ID, ancmts, nx, mx bridge, f-g (D'Angelo 12/26)
- 11690 **JORDAN R Jordan** in EG 1638, mx by Pearl Jam, Dave Matthews, and Smashing Pumpkins, ID, TC at 1643, pgm format sounded more like USA station, fair at best (Barbour NH 1/7, Clar NY 12/30)
- 11710 **NORTH KOREA V of Korea** Kujang in EG 1505, nx headlines, comments by Minister of Foreign Affairs on US offer of compensation for DPRK stopping nuclear pgm, ID's, fair (Clar NY 1/9)
- 117498 **BRAZIL R Marumby** in PT 2341, tlk, ID's, slogans, mx bridges, sfx/screeching tires (Clar NY 12/28)
- 11760 **CUBA R Nac de Venezuela** relay via Havana in SP *2300, ID, political rpts, exc (Brouillette IL 12/10)
- 11815 **BRAZIL R Brasil Central** in PT 0040, BR pops, ID, promo, slogans, jingles, ads?, QRN (Clar 12/21)
- 11845 **SOUTH AFRICA AWR** relay in FR 2001, ID, theme mx, pgm note, relig feature, fair (Clar NY 12/15)
- 11905 **SRI LANKA SLBC** Colombo in HD 1512-1535*, brief tlk, ID's b/w subcont mx sels, p-f (Clar 1/9)
- 12025 **CANADA HCJB World Radio** via Sackville in AR 2211-2230*, Christmas prgmg, Feliz Navidad was played three times within 30 minutes, vg (Turnick PA 12/31)
- 12025 **INDIA AIR** Panaji (Goa) in HD 1642, subcont'l vcl mx, ID, taped rpt, fair w/fades, //13770 (Clar 1/15)
- 12150 **SRI LANKA VOA** relay in Urdu 1445, nx or currents events pgm, field rpts, ID's, f-g (Clar 12/17)
- 13675 **CANADA R Austria** relay via Sackville in EG 1640, nx, tlk, mx, exc reception (Dean MI 12/27)
- 13710 **INDIA AIR** Bangalore in EG 1426, subcont'l classical-style mx, ID, TC, interview, f (Clar NY 12/17)
- 13760 **NORTH KOREA V of Korea** Kujang in SP 0000, IS, ID's, NA, sked, QTH, nx, p-f (Clar NY 1/16)
- 13840 **ITALY Radio Rasant** via IRRS Milan relay in EG/GM 1130, pop mx w/tlks b/w sels, ID's in EG/GM? postal code?, rock song, the Rasant pgm appeared to end about 1227 at which time IRRS played Xmas mx until 1238 and tlk pgm in EG began, NA? at 1301 s/off, p-vp (Berg MA 12/25) ED: Apparently Radio Rasner is a German student radio project xmted on weekends only.
- 13865 **ICELAND INBS** Reykjavik in IC 1711, tlk, ID b/w sels of Xmas-oriented classical mx, f (Clar 12/24)
- 15120 **NIGERIA VON** Ikorodu in EG 1340, Afro pop mx, abrupt s/off 1351 (Kohlbrener FCDX-PA 12/20) in EG 1409, ID 1414, bits of pgm sked, poor choppy copy, hard to hear most anything (Barbour 12/20)
- 151498 **INDONESIA V of Indonesia** Jakarta in EG 2004, nx, item on political corruption (Kohlbrener 12/16)
- 15265 **NEW ZEALAND RNZI** in EG 1945, discussion b/w YL and OM re family values in religious context, conservatism and non-traditional families, fair w/severe fading (Clar NY 1/2)
- 15295 **MALAYSIA V of Malaysia** Kajang in CH 1211-1230*, ballads w/lengthy pauses b/w selections until s/off w/o ID or ancmts, fair w/QRM slop from 15300 (Barbour NH 12/7)
- 15530 **UNITED KINGDOM Sudan Radio Service** relay via Wooferton in AR 1641, tlks, ID, several mentions of Sudan followed by IS-like bridge to pop-style ME mx, f-g (Clar NY 12/27)
- 15575 **SOUTH KOREA R Korea Int** Kimjae in JP 2356, ID's separated by glockenspiel IS to 0000, s/on with fqys and sked followed by mx flourish and nx headlines, fair w/flutter (Clar NY 12/27)
- 15630 **GREECE V of Greece** in EG 1553, ID's, interview by phone w/an Australian who volunteered during the Athens Olympics, fair (Clar NY 12/25)
- 15785 **ISRAEL Galei Zahal** Tel Aviv in HB 1503, nx(p), several Shaloms, ment Tel Aviv, Bethlehem and Haifa, rpt on earthquake in Indonesia and election in Ukraine, f-p w/fading (Clar NY 12/26)

- 17570 **GERMANY RTBF Int.** (Belgium) relay via Juelich in EG/FR 1558, IS, ID in EG, into program in FR, promos, jingles, nx headlines, tlk re Pope's message of peace to the world, f-g (Clar NY 12/25)
- 17710 **UNITED KINGDOM Radio Solh** (Afghanistan) relay via Rampisham in Dari 1512, nice program of regional mx hosted by OM in lang, f-g (D'Angelo PA 12/15, Berg MA 12/15)
- 17730 **CUBA China R Int** relay via Havana in EG 1522, rpt on stock market in HongKong (Fraser ME 12/13)
- 17770 **SOUTH AFRICA Channel Africa** in EG 1529, ID's, feature on life and impact of Nelson Mandela with clips from his speeches, fair w/fading (Clar NY 12/26)
- 178147 **BRAZIL R Cultura** São Paulo in PT 2320-0025+, local romantic ballads, brief ancmts, ID, very weak but much better on //9615 (Alexander PA 12/9-10)
- 17850 **COSTA RICA REE** Spain relay in SP 1815, sports show w/cmntry about soccer games, teams, and players, game scores given, call-ins from listeners, f (Beattie CA 12/19)
- 17860 **RWANDA Deut Welle** relay via Kigali in GM 2026, press review, many ments of Washington Post, ID's, slogans, pgm note, ments of Africa and Zimbabwe, good, //11945 (Clar NY 12/15)

Clandestine/Opposition Stations

- 5350 **ETHIOPIA V of the Tigray Revolution** Mekele in Tigrinya 0520, OM talking continuously, poor, //5500 even weaker (Johnston KY 12/12)
- 5940 **ETHIOPIA Radio Fana** Addis Ababa in Oromo 0351, Horn of Africa style mx b/w tlks, rapidly deteriorating signal, //6210 poor (Barbour NH 1/8)
- 15530 **UNITED KINGDOM Sudan Radio Service** relay via Wooferton in EG/AR/Vern *1500-1600*, s/on with ID's, sked, address, E-mail site, phone and FAX #'s, pgm preview, nx in EG 1505, Afro pop mx, "Our Voices" feature about women's rights in Sudan, some AR style mx, "Morning Show" at 1530 about preparing for peace in Sudan, into AR prgmg 1545 and Vern later, s/off w/multi-lingual ID's, very good reception, no bcsts on weekends (Alexander PA 12/30)
- 17870 **GERMANY Radio Rhino Int** (Uganda) relay via Juelich in EG *1500-1530*, s/on w/ID's, nx with emphasis on items about security, politics, and oppression in Uganda, US pop mx, C&W mx, last quarter hr of xmsn devoted to tlk on humanitarian help and human rights violations in Uganda, f-g (Alexander PA 12/16) 

Company Store

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

Hello everyone. The only special for the month is on NASWA Beer Mugs. No home is complete without a full set of at least 12 mugs. Be prepared the next time a group of DXers show up for an impromptu listening session. We're selling these high quality 16 oz. mugs for the unbelievably low price of \$2.00 each plus postage (\$7.00 N. America and \$15.00 elsewhere). I also wanted to mention that we have a good supply of the Proceedings reprint catalogs. Two styles are available. The 5 page economy version for \$2.00 and the deluxe annotated 20 page version for \$5.00. Finally, I want to let everyone know that the Store will be at WinterFest in Kulpville with a supply of all the items we sell. I usually only keep a couple of copies of each book and a limited number of each size of t-shirts and sweatshirts on hand, however. If you're particularly interested in a specific book, t-shirt or sweatshirt, you can preorder it and pick it up at the Fest. That way you can make sure you will get it and save yourself a few bucks on postage at the same time. I'll need all advance orders by the end of February to make sure I'll have everything in stock. See you all at the Fest. Mike 

**WORLD OF RADIO, CONTINENT OF MEDIA, MUNDO RADIAL
BROADCAST SCHEDULE EFFECTIVE JANUARY 28, 2005**

For latest updates see our Anomaly Alert page:
<http://www.worldofradio.com/anomaly.html>

Days and times here are strictly UT.

Wed 2300 WOR WBCQ 7415 [first airing of each edition]
Thu 0000 WOR WBCQ 17495-CUSB
Thu 1100 WOR RNI [archive]
Thu 1700 WOR WBCQ after hours
Thu 2130 WOR WWCRCR 9985 [or 7465]
Fri 0200 WOR ACBRadio Mainstream [repeated 2-hourly thru 2400]
Fri 1100 WOR RNI [archive]
Fri 1700 WOR WBCQ after hours
Fri 2215 MR WWCRCR 9985
Sat 0000 WOR Studio X, Momigno, Italy 1584 87.35 96.55 105.55
Sat 0000 WOR ACBRadio Mainstream
Sat 0900 WOR WRNI to Eu, Au, NZ, WorldSpace AfriStar, AsiaStar, Telstar
12 SA
Sat 0955 WOR WNQM Nashville TN 1300
Sat 1100 WOR RNI [archive]
Sat 1130 WOR WWCRCR 5070
Sat 1700 COM WBCQ after hours
Sat 2030 WOR R. Lavalamp
Sun 0330 WOR WWCRCR 5070
Sun 0400 WOR WBCQ 9330-CLSB
Sun 0430 WOR WRMI 6870
Sun 0730 WOR WWCRCR 3210
Sun 0930 WOR WRNI to North America, also WLIO-TV Lima OH SAP
Sun 0930 WOR KSEFC Spokane WA 91.9
Sun 0930 WOR WXPW Rhinelander WI 91.7 91.9 100.9
Sun 0930 WOR WDWV Auburn NY 89.1 [unconfirmed]
Sun 0930 WOR KTRU Houston TX 91.7 [occasional]
Sun 1030 WOR WRMI 9955
Sun 1100 WOR RNI [archive]
Sun 1100 WOR R. Lavalamp
Sun 1400 WOR KRFP-LP Moscow ID 92.5
Sun 1500 COM KRFP-LP Moscow ID 92.5 [monthly]
Sun 1500 WOR R. Lavalamp
Sun 1700 COM WBCQ after hours
Sun 2000 WOR Studio X, Momigno, Italy 1584 87.35 96.55 105.55
Sun 2030 WOR WWCRCR 12160
Sun 2100 WOR RNI
Mon 0330 WOR WRMI 6870
Mon 0400 WOR WBCQ 9330-CLSB
Mon 0430 WOR WSUI Iowa City IA 910 [week delay]
Mon 0530 WOR WBCQ 7415
Mon 0900 WOR R. Lavalamp
Mon 1100 WOR RNI [archive]
Mon 1700 WOR WBCQ after hours
Tue 0700 WOR WPKV Bridgeport CT 89.5
Tue 1000 WOR WRMI 9955
Tue 1100 WOR RNI [archive]
Tue 1700 WOR WBCQ after hours
Tue 2230 MR WWCRCR 9985
Wed 1030 WOR WWCRCR 9985
Wed 1100 WOR RNI [archive]
Wed 1700 WOR WBCQ after hours
Wed 2200 MR WWCRCR 9985

Note: RFPI scheduling is erratic and not included above until, we hope, it becomes more reliable. Nominal times for WOR are Thu 2000, repeated 4-hourly thru Fri 1600; Sat & Sun 2000 & 2300, repeated 8-hourly thru 1200 and 1500 the next day.

Latest edition of this schedule version, with hotlinks to station sites and audio, is at:
<http://www.worldofradio.com/radioskd.html>

Internet on demand: see Our Current Audio page for availability:
<http://www.worldofradio.com/audiomid.html>

MP3 files of WOR and some other programs recorded off SW (WBCQ or WWCRCR in our case): Alex's Radio DX Programs Page
<http://www.piratearchive.com/dxprograms.htm>

WORLD OF RADIO BY TELEPHONE: usually available from Sunday mornings via Laser Box, 1-206-333-5096. Toll charges apply outside Seattle. Thank you, Joybubbles.

Webcasts at times shown are available from all stations except WWCR, WNQM, Studio X, WBCQ-9330, 17495, KRFP.

WRN times also relayed by cable systems, FM and satellite stations.

Visible audio links:

WBCQ:
http://www.scottbecker.net/modules.php?name=Web_Links&l_op=visit&lid=1
RNI: <http://www.11L-rni.com>
RFPI: <http://www.rfpi.org/rfpi.m3u> or <http://www.rfpi.org/rfpi.ram>
ACB Radio: <http://www.acbradio.org/mainstream.html>
SIUE Web Radio: <http://webradio.siue.edu/> [suspended]
WPKN: <http://www.wpkn.org/live.ram>
R. Lavalamp: <http://www.radiolavalamp.org>
WRMI: <http://www.wrminet.us:8000>
WRN:
http://new.wrn.org/listeners/schedules/popup_player_live.php?stationID=50
KSFC: <http://www.kpbx.org/audio/listenonline/ksfc.m3u>
WXPR: <http://wxpr.dwave.net:8005/wxpr24k.m3u>
<http://wxpr.dwave.net:8005/wxpr64k.m3u>
WDWN: <http://www.cayuga-cc.edu/telcom/wdwn.ram>
KTRU: <http://www.ktru.org/realaudio.html>
WSUI: <http://128.255.60.46:8080/ramgen/encoder/wsuilive.rm>

Station Locations:

KRFP ----- Moscow, Idaho, USA
KSFC ----- Spokane, Washington, USA
KTRU ----- Houston, Texas, USA
Lavalamp - Osaka, Japan
RFPI ----- San Jose, Costa Rica, Radio for Peace International
RN ----- Hilversum, Holland, Radio Nederland
RNI ----- Radio Newyork International
SIUE ----- Edwardsville, Illinois, USA, WebRadio
Studio X - Momigno, Italy
WBCQ ----- Monticello, Maine, USA
WDWN ----- Auburn, New York, USA
WNQM ----- Nashville, Tennessee, USA
WPKN ----- Bridgeport, Connecticut, USA
WRMI ----- Miami, Florida, USA
WRN1 ----- London, UK
WSUI ----- Iowa City, Iowa, USA
WWCR ----- Nashville, Tennessee, USA
WXPR ----- Rhinelander, Wisconsin, USA
YVQO ----- Puerto La Cruz, Venezuela

NOTE: WOR is weekly; COM and MR approximately monthly but aired weekly.

Continent of Media is also available on demand from DXKing.com:
<http://www.DXKing.com>

Segments of Mundo Radial appear first almost weekly as part of Radio Enlace on Radio Nederland, Fridays and Sundays, on shortwave, internet and satellites PanAmSat 3, Telstar 12, Astra 1G. Scripts and audio links for latest and previous editions:
<http://www.rnw.nl/sp/toolbar/radioenlace.html>

Audio links to RN Spanish programs including Radio Enlace:
http://www.rnw.nl/distrib/realaudio/html/espa_01_.html

Mundo Radial or Radio Enlace reports also appear at times on YVQO, 640, Puerto La Cruz, Venezuela, during 2-hour program Sintonía DX from Unión Radio Porteñas, UT Sun 0000
Also try webcast via:
http://intranet.unionradio.com.ve/intranet/audio/audio_principal_select.asp

18th Annual Winter SWL Fest

Sponsored by **NASA**

March 11-12, 2005

Best Western—The Inn at Towamencin
(formerly Holiday Inn),
Summeytown Pike, Kulpsville, Penna.

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

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

Please note, there is an incentive for you to pre-register, as prices are more expensive for those who wait. Registration options are also more flexible than in the past, with new one-day and student registrations. **If you wish to participate in the meals, you must register and inform us that you will be attending by Thursday morning, March 10th.** If you choose not to participate in the meals, the hotel has a restaurant, and there are other restaurants nearby.

Your registration must be received by March 1, 2005 (note the earlier date) for the best prices; registrations received after that date are priced higher. See the registration form below.

Many things, like the raffle, remain the same:

GRAND PRIZE To be announced

SPECIAL Register early to win a sw portable! One free entry for an early-bird registration received by February 15, 2005.

Please bring items for the Silent Auction. Proceeds are donated to charity.

Checks should be made payable to WINTER SWL FEST. Register directly with the hotel for your rooms by calling the Best Western at (215) 368-3800. For 2005, one special rate \$75 single or double! Tell the hotel staff you're with the WINTER SWL FEST to receive this special room rate. *You must make your reservation directly with the hotel to receive this rate; reservations via the Best Western 800 number or web site are not eligible for this rate.* Up to the minute info. can be found on the Winter SWL Fest Web Page at <http://www.swlfest.com/> or from <http://www.anarc.org/naswal>.

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

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

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

NAME: _____ (SPOUSE'S NAME) _____

ADDRESS: _____

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

CHECK ONE OR MORE

REGISTRATION RECEIVED BY
MARCH 1, 2005:

- Full (\$47)
- Two-Day Partial (\$17)
- One-Day Partial (\$9)
- New!* Lunch-only Saturday (\$23)
- New!* Spouse Lunch-only Sat (\$13)
- Full Spouse / etc. (\$32)
- Banquet only (Spouse) (\$19)
- Student (\$5)

LATE OR ON-SITE REGISTRATION
RECEIVED AFTER MARCH 1, 2005:

- Full (\$55)
- Two-Day Partial (\$20)
- One-Day Partial (\$10)
- One-Day Partial w/Lunch (\$25)
- Full Spouse/son/daughter (\$40)
- Banquet only (Spouse) (\$25)
- Spouse etc. Lunch-only (\$15)
- Student (\$5)

BANQUET:

- Roast Beef
- Chicken

RAFFLE TICKETS:

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

Registration cancellations after 2/28/2005 cannot be refunded, however we will refund raffle ticket money if you have to cancel.

Company Store

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

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

Publications

Shortwave Listening Guidebook by Harry Helms. A beginners guide to shortwave listening covering equipment and more.	\$19.95 +2.00 s/h US/CA +3.00 s/h world
Joe Carr's Receiving Antenna Handbook A guide to high performance receiving antennas from longwave to HF and VHF.	\$19.95 +2.00 s/h US/CA +3.00 s/h world
Joe Carr's Loop Antenna Handbook Comprehensive but readable guide to understanding and building loop antennas.	\$16.50 +2.00 s/h US/CA +3.00 s/h world
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Fine Tuning's Proceedings Reprint Catalogs Complete list of articles from this hobby classic published between 1988 and 1995. Choose from 1) 5 page abridged version with article titles or 2) 20 page deluxe version with article abstracts.	1)\$2.00 ppd 2)\$5.00 ppd
NASWA Country List and Awards Program Booklet	\$3.00 PP US/CA \$5.50 elsewhere
NASWA T-Shirts Return of a favorite in NASWA blue with the club logo.	\$14.00 S-XL 16.00 XXL +4.00 s/h NAM +8.00 air world
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Please make all checks payable in U.S. funds to "The NASWA Company Store".



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