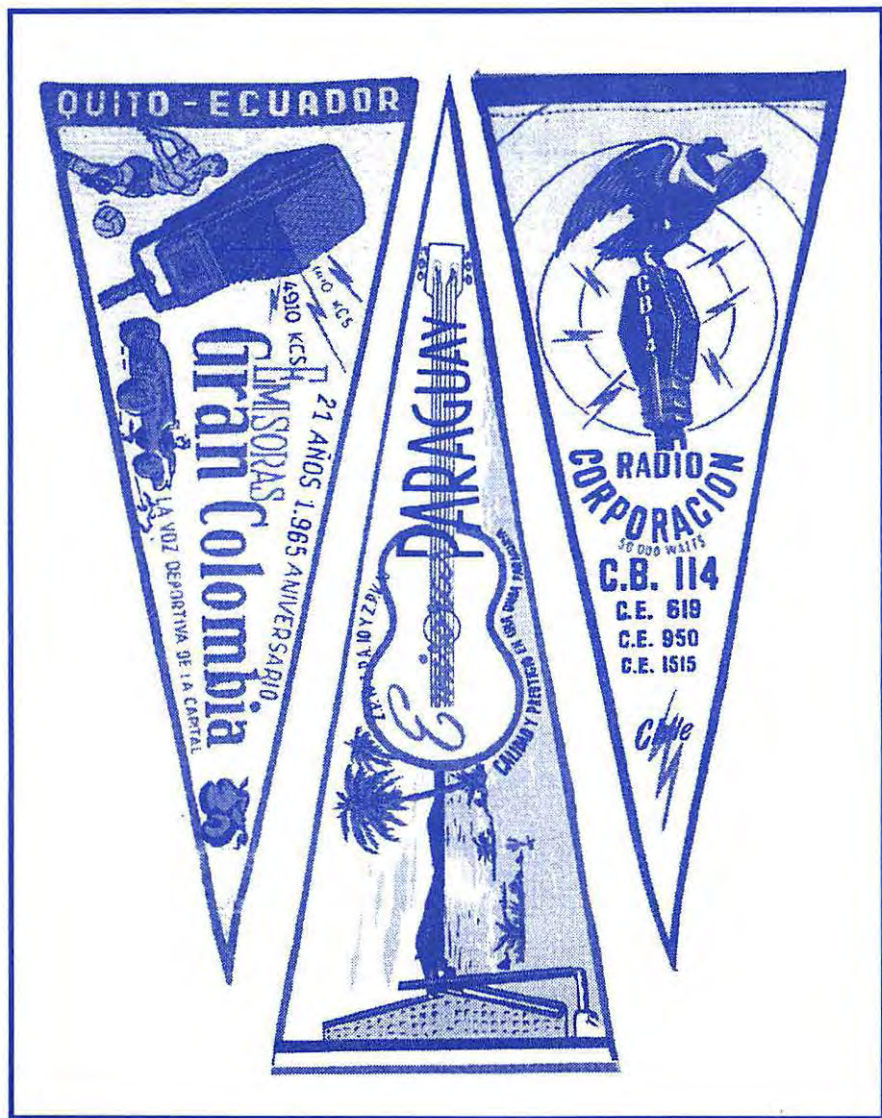


# The **NASWA** Journal

VOLUME XLIII NUMBER 8

AUGUST 2003



# Quality Equipment From Universal Radio

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The ICOM R75 may be the best value today in a communications receiver. Some innovative features of the R75 include: Synchronous AM Detection, FM Mode Detection, Twin Passband Tuning, Two Level Preamp, 99 Alphanumeric Memories, Noise Blanker, Selectable AGC (FAST/SLOW/OFF), Clock-Timer, Squelch, Lock, Attenuator and backlit LCD display. Record output and record activation jacks are on the back panel.



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The Kenwood SP-31 is a high quality speaker with audio filtration that may be used with virtually any communications receiver or transceiver. The SP-31 features a 4 inch (10 cm) speaker in a metal enclosure. The switch in the upper right corner can select from two audio input sources. The three switches on the lower right activate two high (HIGH 1, HIGH 2) cut and one low (LOW) cut audio filters. This allows you to tailor the frequency response of the speaker system. This speaker also has a standard 1/4 inch headphone jack on the front panel and a Line Output Jack on the back panel (to feed a recorder, RTTY unit, etc.). These convenient output jacks are post filtration. The input posts are spring terminals. An audio cable to 3.5mm mini plug is provided. The front may be elevated by adjusting the front feet. 7.2x4.7x12.3"



Kenwood SP-31 Order #0694 \$99.95

**TEN-TEC**  
RX-320D

"DRM" Capable! **NEW!**



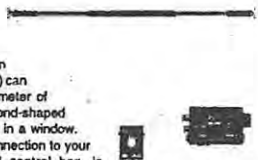
Computer based receivers have traditionally been about compromise, especially on shortwave. The Ten-Tec RX-320 broke that mold, providing exceptional HF performance. It employed true digital signal processing technology at the IF level to reduce the number of individual electronic components but yet provide features of far more expensive radios. The new RX-320D is capable of receiving DRM digital broadcasts with extra software (not supplied) and appropriate sound card. The Digital Radio Mondiale Consortium (DRM) was formed in 1998 when a group of pioneering broadcasters and manufacturers joined forces to create a universal, digital system for the AM broadcasting bands below 30 MHz. Since then, DRM has expanded into an international consortium of more than 70 broadcasters, manufacturers, network operators, research institutions, broadcasting unions and regulatory bodies. DRM is the world's only nonproprietary, digital system for shortwave, AM and LW providing near-FM quality sound. This new D model has a 12 kHz I-F output jack on the back panel that allows received signals to be streamed from the I-F directly to your computer's sound card for Digital Radio Mondiale decoding. This special decoding software is only available (for 60 Euros, about \$60.00) through the DRM consortium via the DRM Software Radio web site located at [www.drmm.org](http://www.drmm.org). It is not available through Ten-Tec or Universal Radio. As with the original DX-320; you can enjoy selecting any five filters from 34 built into the radio (25 choices from 1050-8000 Hz and 9 from 300-900 Hz, all with 1.5:1 shape factor or better). A spectrum display function is also supported. Memories store frequency, mode, filter, BFO, name, comments, notes. A local-time, world-time (UTC) clock is continuously displayed. This stand-alone, black box PC radio only requires access to a serial port and one megabyte of free hard drive space for the software. It runs either Windows® 3.1 or Windows® 95/98. As with most Windows programs you can launch the PC radio, tune to an interesting station, and then put it in the background while your PC performs other tasks. You can even surf the web and tune the world at the same time. The line output can drive a computer sound card plus there is an external speaker jack (speaker not supplied). The RX-320 features a telescopic antenna or there is an RCA type antenna jack for an external antenna (recommended). With informative owner's manual written by noted author Joe Carr. This high-tech American-made product is a great value. We invite you to visit our website for more information the RX-320, Digital Radio Mondiale or upgrading the earlier RX-320 to RX-320D.

Order #0321 \$328.95

**AOR**

WL500

The AOR WL500 acts like a signal magnet capturing and amplifying shortwave transmissions in the 3.5 to 30 MHz range. If you add the optional 500LM barelement, you can extend reception to include long wave and medium wave. Up to 16dB of gain (with an IP3 of +14.5 dBm) can be realized. With a diameter of about 2 feet, the diamond-shaped antenna can hang freely in a window. Assembly is simple. Connection to your receiver, via the metal control box, is achieved through a standard BNC connector (a BNC to BNC coaxial jumper cable is included). Disassembly is also easy, so this antenna is ready to travel wherever you go. The WL500 requires a 12 VDC 150 ma power supply (optional) or 9 volt battery.



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500LM Lw/mw Order #0796 \$74.95

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Constructing a dipole is easy with the HQ-1 center insulator. Attach each "arm" of your dipole to this device and then screw your PL-259 into the center! You get easy assembly, the best connection, the strongest support and the most weatherproof fit. See our website for more antenna supplies.

Budwig HQ-1 Order #1782 \$6.95

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# NASWA Notes

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

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There is lot's of interesting news in the hobby world this month. First, **Tim Noonan** informs us that the 10<sup>th</sup> annual Madison Get-together for DXers and Radio Enthusiasts will be held on Saturday, August 16 beginning at 1:00 PM CDT. This year's hosts are **Bill and Nina Dvorak**, 501 Algoma Street Madison WI 53704-4812, telephone 608-244-5497. This is an all-band event that last year drew 26 DXers. For more information, e-mail Bill at [dixerak@aol.com](mailto:dixerak@aol.com) (please include "Madison DX CTC" in the subject line) or use the above address or phone number. As luck would have it, I will be in Madison attending a wedding that day so I will, unfortunately, miss the gathering.

The leading hard news item this month is the club's formal electronic filing to the Federal Communications Commission (FCC) Notice of Investigation Docket 03-104 on 30 June 2002. The club's filing was one of over 1,300 such filings made with the FCC by that date. *Technical Topics* Editor **Joe Buch** orchestrated the club's comments with assistance from **Rich Cuff, John Figliozzi** and **Alan Johnson**. Joe's quick review of comments on file by other parties indicates that the NASWA comments are much more detailed and direct to the specific questions asked by the FCC than other respondents. Thanks Joe and the rest of the team for ably representing the shortwave listener and radio hobbyist in this matter. I've been in contact with our Executive Council and several active members each of who has expressed appreciation for a job well done. If you would like to see the filing, it is posted at the club website. As the *Journal* is being distributed, our reply comments are being filed with the FCC. Follow the ongoing saga as events unfold in Joe's column, *Technical Topics*. Great job gang! Maybe our bureaucrats in Washington will read and learn something for a change. We can only hope.

Also, there is word of more budget cuts in the international broadcasting community. **Jeff White**, General Manager of WRMI, has informed us that because of a sudden and severe budget cut at Radio Prague, the station's transmissions via the Czech Republic have been reduced and all relays via WRMI were discontinued as of July 1, 2003. WRMI has relayed Radio Prague's daily programs in English, Spanish and Czech to the Americas for the last few years.

Incidentally, WRMI's Jeff White just began a one-year term as President of the National Association of Shortwave Broadcasters (NASB), which most of the privately owned shortwave stations in the U.S. belong. He will be taking an NASB display to the 2003 Mexican National DXers Meeting in Tizayuca, Hidalgo State (just north of Mexico City) 1-3 August. The display will include program schedules and other promotional materials from all 18 NASB member stations. NASB is an associate member of the DRM (Digital Radio Mondiale) Coalition, which is promoting the establishment of digital AM and shortwave broadcasts throughout the world, and at the DX Meeting in Tizayuca there will be the first ever demonstration of DRM reception in Mexico. For more information on the Mexican National DX Meeting send an e-mail to [info@wrmi.net](mailto:info@wrmi.net).

Complete information of the upcoming 2003 Adventist World Radio "Wavescan" DX contest that is scheduled to run during the month of September is featured this month in the *Journal*. AWR and **Adrian Peterson** annually run this outstanding event so please support it with a contest entry. Participation is a lot of fun.

Don't forget to pick up your electronic copy of the Danish Shortwave Club International (DSWCI) recently released *Domestic Broad-*

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
OUR MOTTO IS - "UNITY AND FRIENDSHIP"

*casting Survey 5 (DBS-5)* edited by well-known DXer Anker Petersen. It is available only by e-mail in PDF-format. The latest offering of the *DBS* is highly accurate and has proved to be a valuable resource while DXing. See June's *Shortwave Center* for a comprehensive review of the excellent *DBS-5*. Copies can be obtained for US\$5.00, Euro 5 or 7 International Reply Coupons from DSWCI, c/o Bent Nielsen, Egekrogen 14, DK 3500 Vaerloese, Denmark.

Although we are in the midst of the summer doldrums, the DX is still out there and reporters to the electronic *Flashsheet* are staying on top of the situation. You can participate by sending your latest logs to the electronic *Flashsheet* edited by Sheryl Paszkiewicz, spasz@dataplusnet.com or P.O. Box 716 Manitowoc, WI 54221-0152. Each week the electronic *Flashsheet* brings a lot of exciting DX to members. Our electronic newsletter continues to be 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 members. Deadlines are posted in the *NASWA Flashsheet* each week. If you are a current member of the club and want to receive the electronic *NASWA 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.

Remember to please direct all communications about subscriptions, bulletin delivery issues, 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 directly to me in Wyoming 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. 

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## FRENDEX: Twenty Five Years Ago (August 1978)

The club's latest *Radio Country List and Awards Program* booklet was being distributed for \$0.28 in coin. Chairman Don Jensen encouraged questions about the list. David Walcutt took over from Greg Ravenhorst as the *Log Report* distributing editor. Dave continued as *Log Report D* editor until October when Robert R. Brown, Sr. took over that column. Larry Brookwell was recruiting area DXers to form the San Diego DX Club. Dam Brame was looking for DXers to send him a postcard indicating three favorite domestic shortwave outlets. In Jerry Linebach's *Shortwave Center*, Perry Ferrell of Gilfer wrote about the Yaesu FRG-7000 receiver while Bill Whitacre wrote about the Racal RA-17 ("The Ultimate or Just Another Old Receiver?"). Peter Klein wrote about "Dial Calibration Using an Electronic Calculator" and Sam Barto discussed "Pirate Radio - Eurostyle." Dan Robinson (*LR-A*) and Tom Gavaras (*LR-C*) reported that the 1978 Montreal ANARC Convention was a huge success. Sam Barto noted that 43 people were scheduled for the New England DXers Outing in September at Black Rock State Park. Bill Oliver noted in his *Publishers Page* that on the hottest, most humid evening of the summer, Radio Tahiti caused the temperature to drop about 10 degrees in his shack by playing the French Christmas Carol, "Cantique de Noel."

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## 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. Please note, this is a **new e-mail address**. The AT&T e-mail address has been discontinued.

## Calendar Of Events

- Aug 15–17, 2003 Convention.** The Rhein-Main-Radio-Club will host the 2003 **European DX Council Conference** in Königstein, which is near Frankfurt, Germany area on 15-17 August 2003. This year's conference will concentrate on the future of the hobby as well as shortwave, tropical bands, FM-DX and Free Radio. Further information can be obtained electronically from Harald Gabler (DrGabler@t-online.de).
- Aug 15 Meeting. Philadelphia Area NASWA Chapter.** Kulpville Holiday Inn, Kulpville, PA at 7:30 PM. For more information contact Dan Cashin at 610-446-7831 or Internet: dcscckp@aol.com.
- Aug 15 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/>
- Aug 16 Get-together.** The 10<sup>th</sup> annual **Madison Get-together for DXers and Radio Enthusiasts** will be held on Saturday, August 16 beginning at 1:00 PM CDT at the home of Bill and Nina Dvorak, 501 Algoma Street Madison WI 53704-4812, telephone 608-244-5497. This is an all-band event. For more information, e-mail Bill at dixerak@aol.com (please include "Madison DX Gtg" in the subject line) or use the above address or phone number.
- Aug 29–31, 2003 Convention.** The **National Radio Club** will hold its annual convention celebrating its 70<sup>th</sup> year of operation on Labor Day Weekend, 29–31 August 2003 at the Holiday Inn Select DFW in Irving, Texas. Rates are \$69.00 per night (1-800-360-2242). Convention registration is \$45.00. The host committee consists of John Callarman, Bill Hale and Wally Wawre. Further information is available from Wally at +1 (214) 977-6260 or at [wwawro@wfaa.com](mailto:wwawro@wfaa.com).
- Sep 13 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 <[radioscan@siscom.net](mailto:radioscan@siscom.net)>. For additional information about MONIX, check out their web site at <<http://www.siscom.net/~mmeece/monix.html>>
- Sep 19–21, 2003 Convention.** The **Ontario DX Association** will hold **RadioFest 2003** on 19–21 September 2003 at the Monte Carlo Inn, 374 South Service Rd. E., Oakville, Ontario, Canada L6J 2X6 (Tel: (905) 849-9500, Fax: (905) 849-6405, E-mail: [reservation@montecarloinns.com](mailto:reservation@montecarloinns.com) and Web Site: <http://www.montecarloinns.com/oak.htm>). For more information, contact Harold Sellers at 905-853-3518/email: [listeningin@rogers.com](mailto:listeningin@rogers.com) or Brian Smith at [am740@rogers.com](mailto:am740@rogers.com) or by mail at: Ontario DX Association, Box 161, Willowdale Stn. A, Toronto, Ontario, Canada M2N 5S8
- Sep 2003 Contest.** 2003 **Adventist World Radio "Wavescan" DX contest** is scheduled to run during the month of September. Listeners will be asked to submit a list of unique QSLs (QSLs that you own that you consider no one else in the world has). Once in a lifetime frequency usage, emergency broadcasts, emergency transmitters, transmitter on wrong frequency, mistaken frequency entry, harmonic radiations, etc, etc? Full details to follow later in 2003.
- Mar 12–13, 2004 Convention.** The **17<sup>th</sup> Annual Winter SWL Festival**, sponsored by NASWA, will be held at the *Best Western—The Inn at Towamencin* (Kulpville to the rest of us), located at Exit 31 on the Northeast Extension of the Pennsylvania Turnpike, on 12<sup>th</sup> and 13<sup>th</sup> March 2004. Richard Cuff and John Figliozzi co-chair the organizational committee. It's never too early to begin planning. See you there!

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

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## 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.*

**Art Anderson <straaydoggy@aol.com>, 38 Brookpark Drive, Billings, MT 59102**

Howdy from Montana! I'd like to get in touch with other shortwave folks from my state or surrounding states, either by letter or email. I don't know anyone in my area who is into shortwave, and that's a shame.

I'd enjoy talking shortwave with people in this area, or even getting together and trying some portable mountaintop DXing sometime with a few people.

I've been into shortwave for many years off and on (I'm an old guy, 42, LOL) and am getting back into it in a big way. Shortwave listeners seem few and far between in this part of the country, so would enjoy hearing from you.

Many thanks to Bill for the recent note and the rapid sending of the *Journal*. I thoroughly enjoyed reading it and the layout is excellent.

73's, Art

**Ing. Mauro Cerboni <mauro.cerboni@tecnorad.com>, IT Specialist, Tecnorad Italia S.p.A., L.go dell'Artide 11, 00144 - Roma, Italy**

Our company, Tecnorad Italia S.p.A., is Italian official distributor for EDX software for radio propagation simulation in the 2-30 MHz and 30 MHz-60 GHz frequency range. We are interested in trying with the purpose of buying and/or reselling such a software to be used for short wave radio broadcasting. Maybe you can suggest me a company which sells propagation simulation tool for short wave radio broadcasting.

Thanks in advance, Mauro

**Cesar Objio <cesarobjio@codetel.net.do>, Calle Enrique Henriquez 69, Ensanche Lugo, Gazcue, Santo Domingo, Dominican Republic**

I have been reading in short wave listening magazines the sad news that some of the largest shortwave broadcasting stations in Europe are deleting their services in s.w. and changing them to be relayed through local FM stations, as they say, a service that most of the time does not work, because local FM stations do not relay those services.

It is not true that a short wave listener used to search in the short waves is going to try the local FM band and see if there is any station relaying those programs. That never happens, it is not as the big short waves broadcasting station thinks. That is something useless to say that, nobody rebroadcast those transmissions in any country, at least in the Dominican Republic does not exist that service, local FM stations think that it is better for them to play popular music than to relay a program speaking about short waves, something that nobody listen.

The s.w. listeners are scarce and selected and will never turn to FM to hear about a program supposed to be for short waves.

I don't know how do these broadcasters think, because they usually recommend that you better install a big dish in order to receive emissions in an ultra high band and that you will get a much, much better reception. So what? What DXer is expecting to receive a reception in a studio quality in FM when he is used to hear short waves with their squeaks and noises?

And I wonder, because those bigger broadcasting institutions think that everybody is wealthy with lots of money and can buy a big dish and buy a lot of new and expensive equipment, even expensive power plants if they are in the jungle, just because some big foreign short wave station is changing their service to an extremely high band frequency. That is a very stupid thinking.

In Latin America you can say that more than 90% of the people living in this area is poor and they can only buy a small cheap portable s.w. receiver, but this can help him to hear foreign stations if they do broadcast in the usual short wave bands, now that most of everybody have abandoned the short waves, the band now is practically clean and reception is excellent with much better equipment.

Just imagine how that poor person can receive short waves in a Brazilian jungle. Do you think that he has such an enormous amount of money in order to listen to a program? No, he does not. With that small receiver he, in the jungle, can receive and hear a lot of stations from abroad because he can't get something else, besides FM local stations do not reach the jungle, they are only good for the cities. And he can feel satisfied with this reception. And I am not speaking about a person in a Brazilian jungle. There are a lot of persons living in small towns in any Latin American country who can't buy a bigger receiver, etc., etc., and sit at night with that idea. That is a preposterous idea of the bigger broadcasting stations to think in their progress, because the listeners are not progressing as fast as they do, I think that they are only killing the hobby and deserting that listener to do something else because as they wish to move to more modern technology, they also abandon those DXers and are also killing the hobby because that DXer can't follow them in their run. And this does not happen only to millions of persons in Latin American, it also happens to people everywhere, any place in the world.

I hope that those directors in the big foreign and rich corporations think twice, change their minds and return to the short waves operations (which I know they won't) and keep the listeners happy, also creating new DXers everywhere in the world.

But I only wonder, and hope.

73, Cesar

Walter F. Dick <WDick42118@aol.com>, 19939 Hemmingway St., Winnetka, CA 91306

Dr. Peterson's article detailing AFRS broadcast activity in wartime Hawaii is a real head-scratcher. Although I was born (1932) and raised in Honolulu and been an SWL and a MW DXer since 1945, I have never heard of any of this activity. I was employed by the Signal Corps from '51 to '56 at the Army Command Administrative Network station at Helemano (8309thAU) which had one RCA SW broadcast xmtr that had been used to relay AFRS programs to the South Pacific. As far as I know, this was the only Army long distance station in the Pacific theatre since 1943. I would be happy to compare notes with Dr. Peterson about this very fascinating chapter in broadcast history.

While I was on a nostalgia kick, I sent an inquiry to BBC to try and discover which BBC xmtr my grandfather (I'm 71 now) would have been receiving in Honolulu during the late '30's. All I can remember is static crashes and Big Ben. As far as they can tell, it would have been a xmsn direct from the U.K. This was a regular Sunday night happening. Pretty good for a Philco console with a random wire roof aerial. BBC sez it was a period of max sunspot so reception would have been possible in that area.

Regards, Walter

**Steve Price <Vinyltocdr@aol.com>, P.O. Box 855, Bowling Green, VA 22427-0855**

Since they came about, I have always wanted to try out a GE Super Radio Two or Three just to see how well they performed. I have read about these being very popular and working quite well for rural Alaskans and Canadians on AM reception. As a regular weekend Good Will, Salvation Army, and flea market junkie, I finally found the newer Super Radio Three (all black) for a mere ten bucks. I brought it home and plugged it in. Without doing any re-calibration of the tuning and IF circuits (that are never adjusted properly in the assembly line) it was pulling in AM stations like no other portable radio or fancy 1980s Sansui, Pioneer, Kenwood, HK, Optonica, Yamaha AM-FM stereo tuner that I own.

I live way out in the country between Richmond, Roanoke, and Fredericksburgh, Virginia where even FM reception is a challenge for me without a directional beam and an excellent FM tuner pointed to one of those three cities. AM radio is the foremost frustrating challenge. To say the least, the GE Super Radio is definitely a "super" radio for a rural folk like me. The AM reception, selectivity, and sensitivity are phenomenal across its entire band, 530 to 1700 KC. It rivals my R-5000 and the longwires, hands down. Using the Super Radio with the Select-A-Tenna really pushes its reception capabilities over the edge and turns it into a real DX machine. Nighttime reception is just as impressive and incredible, if not more! Even without the Select-A Tenna, this radio is incredible within its own parameters. It even has terminals for external AM and FM antennas and did not overload or intermod one bit when I connected a 200-foot longwire to the AM side.

Re-calibrating this guy was a bit odd and tricky. It uses a varactor tuning setup and changes the resistance in a variable resistor pot instead of the capacitance in a tuning gang condenser. After a complete alignment job on AM, IF, and FM, this radio is top notch. As for the FM, it is extra sensitive too. I would say that it is a bit better than the average boom box or the ever more popular shelf stereo system's FM tuner. It sounds excellent too with its six-inch woofer and two-inch tweeter tailored by separate bass and treble controls.

If you can find one of these at a garage sale, "donation" shop, or flea market, pick it up. It is a steal if it is under \$20 bucks. I would even pay \$35 or so for a used one. For the AM DXer or rural person, or just want to have a lot of fun, it is the way to go. I am definitely impressed. Would I trade it for my R-5000? Absolutely not, but it is right up there with it on AM reception. It is the best portable I have ever laid my hands on, without a doubt. Hats off to GE.

Steve Price, Central Virginia

**Richard A. D'Angelo rdangelo3@aol.com, 2216 Burkey Drive, Wyomissing, PA 10610**

Congratulations to Joe Buch and his entire team of elves that put forth a magnificent effort in submitting comments under the club's banner on behalf of all shortwave listeners in the United States on Broadband Power Line systems (BPL). Although I am admittedly terribly biased in this matter, I thought our comments were terrific!

The best place to stay up-to-date on this matter is by reading Joe's *Technical Topics* where you can read about the latest developments.

Once again, thanks to Joe Buch, Rich Cuff, John Figliozzi and Alan Johnson for the time and energy devoted to this effort and to Paul Brouillette for his insights. Although you can never be sure where things will go at a Washington bureaucracy, at least the shortwave enthusiast is well represented by the comments submitted by our guys. A great job!

73, Rich

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## On the Short Waves Update by Jerry Berg

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, July 13, 2003—Under "CPRV": The CPRV Collection is located at the Library of American Broadcasting (LAB), University of Maryland, College Park, Maryland, just outside Washington, DC. For the 2002 convention of the Broadcast Education Association in Las Vegas, Nevada, the LAB produced a four-panel display of CPRV QSLs. Courtesy of the LAB, we have reproduced the display in the "CPRV" section of our website, right under the LAB "antenna" logo. For more information about the LAB, see <<http://www.lib.umd.edu/LAB/>> For more information about the Broadcast Education Association, see <<http://www.beaweb.org/>>.

(See more updates on the Contributors' page.)

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**N4~~4~~6b**

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

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## Publisher's Note

Jerry Lineback's *Shortwave Center* column does not appear this month. Jerry passes along his apologies. Jerry could use some material for the column. If you've been intending to write an article for *Shortwave Center*, or if you haven't but you have some useful information to pass on and **should** be writing for *Shortwave Center*, contact Jerry via e-mail at [jalinebk@satelephone.com](mailto:jalinebk@satelephone.com) or via the postal service at 506 South Lawrence Avenue, Scranton, KS 66537 USA.

# Easy Listening

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

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## HCJB's *DX Partyline* adds WWCR

As I mentioned last month, I hoped that Allen Graham would be able to add a relay source for *DXPL* that could be heard in Pennsylvania, and Allen's done so—by adding airings on WWCR as follows: Tuesdays 1030 15825 kHz, Thursdays 2100 15825 kHz, Saturdays 1000 5070 kHz, and Sundays 0300 5070 kHz, according to the WWCR website. Many if not most of these should be audible across much of North America.

## Radio Netherlands Improves On-demand Webcasting

I've been waiting for months to report this—*Radio Netherlands* has now organized its on-demand audio by program title, not by time of day. This means that the latest edition of each program, at a minimum, is now available. No longer do you need to remember which programs air on which days. Radio Netherlands has also improved its streaming bandwidth, with a very nice-sounding 44kbps RealAudio stream available, along with Windows Media and downloadable MP3 formats also available. The news is even available in Ogg Vorbis format—an open source encoding format. Most programs are available; the only notable exception is *Newsline*. Please send along your words of encouragement to Pepijn Kalis (at [pepijn.kalis@rnw.nl](mailto:pepijn.kalis@rnw.nl)) if you find this new functionality helpful to your listening habits. Links to the audio archive appear on each program's individual page; you are also one click away from the archive at the main RNW website (<http://www.rnw.nl>); click on "Audio Archive".

## Radio Australia

Surprisingly, **Radio Australia** has yet to develop the collateral website I had expected

to accompany the *Australia Now* series being co-produced with Monash University. For now, this means the only on-demand access to *Australia Now* is the World Radio Network Sunday 0800 webcast.

If you enjoy following media controversy, it might be worth adding the Radio National-produced program *The Media Report* to your schedule. You *do* keep a listening schedule, don't you? Australia's ABC has come under some of the similar fire as has the BBC for balance and bias in coverage, and *The Media Report* has had several programs with this subject. The program airs on shortwave Thursdays 0130, 1030, and 1530; webcasts are available at these times and from Radio National Wednesdays 2230 and Thursdays 1005; webcasts are also available from CBC Radio One's *CBC Overnight* service Fridays from 0530 to 0930 as you move from east to west from the Atlantic through the Pacific time zones. An extensive on-demand program archive is at URL <http://www.abc.net.au/rn/talks/8.30/mediarpt/>.

## Radio Austria International's English Schedule

Here is the revised **Radio Austria International** (röi) schedule targeting the Americas: 1510 and 1540 via Sackville on 15515 kHz; 2315 and 2345 Tuesday-Saturday on 9870 and 17370 kHz; 0115 and 0145 UTC on 9870 kHz.

The schedule is slightly different for those days when *Insight Central Europe* is broadcast; Saturdays and Sundays at 1505 and 1535 via Sackville on 15515 kHz; Sundays and Mondays 2355 and 2335 on 9870 and 17370 kHz; also Sundays and Mondays at 0105 and 0135 UTC on 9870 kHz. Audio-in-demand continues to be available from the röi website; see [http://193.171.50.209/roi/en\\_demand.shtml](http://193.171.50.209/roi/en_demand.shtml).

## New Zealand in (our) summertime

Now is the perfect time of the year to catch a significant portion of **Radio New Zealand International** (RNZI) via shortwave; propagation is generally good to excellent from approximately 0200 to shutdown at 1306 hear in eastern Pennsylvania. While most of the programming produced by RNZI itself is available live and on-demand via the Internet, programming produced by the domestic **National Radio** service is only partially available via webcast. So, here are some specific shortwave suggestions for your consideration:

Tuesdays 0906: *Spectrum* is a long-running human interest documentary on New Zealanders largely told in the first person by the documentary subjects. Sundays 1012 is *Mediawatch*; weekdays 0630 is *Worldwatch*, with stories behind the main international news. Even the domestically-focused *Checkpoint* (0500 and 0700) and *Nine to Noon* (Tuesdays-Fridays 0808; Mondays-Thursdays 1106) can be quite enjoyable even though much of the content would be relevant only if you closely follow New Zealand current affairs. (Thanks to John Figliozzi for the idea and for the weekly program summary available from the *swprograms* e-list and elsewhere)

## BBC World Service highlights

Sundays 0232: *Global Business* has been quite enjoyable recently with trends and themes surrounding the "new economy" with pundits and thinkers more along the lines of what you'd hear on *Agenda*.

Fridays 0106 and Sundays 0501: If it's August, it's time for the *Proms* series of classical music concerts that are the pride of the BBC. The Bach Choir from nearby Bethlehem, PA makes its debut on August 3<sup>rd</sup>. A special edition of the *Proms* airs on Saturday June 30<sup>th</sup> at 2101 and is repeated at 0101—these are two of the normal time slots for *Play of the Week*. Only a small fraction of the 73 total concerts will air on the World Service; webcast fans can visit the domestic **Radio 3** website for the *Proms* on-

demand for the week following their airing on Radio 3 with a nice 44kbps bandwidth; launch the "Proms Player" at the special Proms website, <http://www.bbc.co.uk/proms/>. The Proms also air live on Radio 3's webcast and also the next weekday at 1300 UT. See <http://www.bbc.co.uk/radio3>.


Mondays 1406, Tuesdays 0006 and 0506, beginning August 18<sup>th</sup>: *Corruption* is a new four-part investigative series on the causes, costs and remedies for corruption around the world. Local and global efforts to stem its increase are highlighted, using material from rich and poor countries alike.

Mondays 1432, Tuesdays 0032 and 0532, beginning August 18<sup>th</sup>: *On Stage* pays a six-week visit to live popular music recorded from around the UK. The first program will feature Avril Lavigne and Beverley Knight; Elvis Costello and *Doves* headline the second program in the series.

Wednesdays 1545 and 2145, plus Thursdays 1045, beginning August 27<sup>th</sup>: *Heart and Soul* features a two-part special, *The Funny Side of Faith*, looking at how humor is used in Muslim, Hindu, Sikh, Jewish, and Christian faiths. The fine line between humor and blasphemy is also examined. This series was originally scheduled for April but was bumped by *Operation Iraqi Freedom*.

## Non-shortwave suggestion for the month

The BBC's Proms via the web, as outlined above, can sound quite good if you have the bandwidth. Another suggestion is Radio New Zealand's domestic **National Radio** on-demand offering, which includes two daily hours of *Nine to Noon* that aren't relayed by RNZI on shortwave. The direct URL to National Radio audio is the unhelpful <http://xtramsn.co.nz/musicandvideo/0,,6151,00.html>; another route is to visit the main National Radio website, <http://www.radionz.co.nz/nr/f-nr.htm>, and click on "Radio NZ Audio".

That's all for now; see you next month, and don't forget to write! 73 DE Richard 

# Adrian Peterson's Diary

Dr. Adrian M. Peterson • Box 29235 • Indianapolis, IN 46229

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## Wartime Radio in Sri Lanka

During those decisive years in the middle of the last century, there was a spate of rapid development in the radio scene on the island of Sri Lanka, or Ceylon as it was known in those days. This is what happened.

In the year 1943, the BBC in London began the broadcast of a forces radio program for the benefit of English servicemen on duty in India. Shortly afterwards, the production and broadcast of this program was transferred to All India Radio in Delhi. Then it was that Lord Louis Mountbatten moved the headquarters of his South East Asia Command to Ceylon, first in Kandy and then in Colombo.

While the headquarters were located in Kandy, an English army transmitter was used as a broadcast service, and also for the relay of voice broadcasts back to the BBC in London. This station was on the air from October 1944 until early in 1946.

Around the same time, the American forces in Kandy established their own entertainment radio station. This was a small 50 watt unit which was on the air without call sign on the mediumwave channel 1355 kHz. This somewhat unofficial AFRS station was launched in August 1944, and it was on the air for a little over a year.

When the SEAC headquarters were transferred to Turret Road in Colombo, a production studio was installed, and a program service was commenced over a 7.5 kw shortwave transmitter with the call sign 20J. We could guess that this transmitter was co-sited with the Radio Ceylon transmitter 20H at Welikada on the edge of Colombo.

In the meantime, work began on the construction of a big new shortwave station at Ekala, some twenty miles north of Colombo. However, on a temporary basis, a new 7.5 kw RCA unit was installed in the transmitter hall at the Royal Signals base adjacent to the new station. One of the Marconi communication transmitters at this location was hurriedly pressed into service for the opening ceremonies of the new facility on April 25, 1945.

Work continued on the big new station, and on May 1, 1946 the Marconi 100 kw entered regular service. Soon afterwards, three RCA units at 7.5 kw and one at 1 kw were co-installed with the "Big One." The little 1 kw unit carried the SEAC service for listeners within Ceylon.

The large 100 kw Marconi was heard almost worldwide, and at certain times each day it carried a relay from the BBC. During the cricket season in Australia, the SEAC transmitter acted as an intermediate relay from Radio Australia in Shepparton to the BBC in London.

The SEAC station at Ekala was in use for forces programming for a period of four years, and then the whole facility was handed over to Radio Ceylon, with cooperation and input from the BBC. The first regional director for the BBC in Ceylon was a man who had been a prisoner of war in Singapore, James Mudie. (He was a relative of mine.)

SEAC Colombo was noted as a very reliable verifier, and their black and white card was considered at the time to be quite plain, though today it is a valued possession.

# The Sound of Silence

On many occasions in the United States and Canada and Australia, commercial radio stations have experimented with the idea of a few seconds of silence on air during a paid advertisement. However, on each occasion it has been discovered that this period of silence turns out to be a real annoyance to the listeners, and the stations usually receive a barrage of phone calls from irate listeners enquiring what is the problem.

Back in the old Juke Box days in restaurants and cafeterias it was also possible for patrons to insert a coin into the slot and buy a few minutes of silence rather than continually listening to what they considered to be the strident sounds of loud popular music.

With a touch of radio humor in the earlier days, sometimes a new announcer at Radio Ceylon in Colombo Sri Lanka was requested to make a special announcement. When the electricity throughout the city had suddenly shut down, he was told to go into the darkened studio and make an announcement, something of this nature: "We have a special announcement for all listeners. If you are unable to hear our broadcast on your radio receiver at this time, please be patient. The electricity is off throughout the city. When the electrical service is restored, we will again return to the air and you will again be able to receive our programming on your radio receiver.

However, of more substance was a recent period of transmitter silence throughout the country of Bulgaria. Back in September last year, there were numerous complaints that one of the local transmitters of Radio Bulgaria was causing interference with the communication transmissions from the Sofia International Airport. Although radio engineers had carefully checked for the cause of this problem, they were unable to locate the offending transmitter.

Thus it was that all radio transmitters in Bulgaria operating on longwave, medium-wave and shortwave were switched off consecutively according to a rolling schedule

in order to discover just which transmitter was causing the problem. However, it was quickly discovered that none of the radio broadcasting transmitters within Bulgaria was causing the problem, and it was conjectured that the real culprit was a pirate transmission from a neighboring country.

On another significant occasion, all 1700 radio broadcast transmitters throughout Spain left the air at 8:30 am on Wednesday, October 4, back in the year 1995. The purpose of this strange exercise was to impress listeners with the importance and necessity of radio throughout their nation.

This unusual event produced the desired results, and the telephone system was overloaded with listeners calling their local radio stations, enquiring what was the problem. This experiment of co-ordinated radio silence was declared to be a grand success.

WE HAVE A SPECIAL  
ANNOUNCEMENT  
FOR ALL OUR LISTENERS.  
IF YOU ARE  
UNABLE TO HEAR  
OUR BROADCAST  
ON YOUR RADIO  
AT THIS TIME,  
PLEASE BE PATIENT.

There was another notable time of radio silence, this time all throughout the world, as the chronographer of history tells us. On July 20, 1937, the grand old man of radio, Guglielmo Marconi, passed to his rest. The information was quickly told to the world, and all radio stations fell silent for a period of two minutes to honor the memory of radio's greatest inventor, and to mark the time of his death.



# Technical Topics

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## NASWA Alerts FCC To BPL Danger

For the first time in its long history, NASWA has publicly defended the interests of shortwave broadcast listeners in the USA. On June 30, 2003 NASWA submitted an 18-page filing to the FCC in response to Notice of Inquiry 03-104 concerning Broadband Power Line (BPL) communications. The Journal does not have the room to print the entire submission, but this month I will attempt to summarize many of the points made in that submission. Comments by AMRAD and the NAB also mentioned the impact to shortwave listeners and I have included part of their comments too.

As you probably already know from the Musings in the June NASWA Journal, there are well-funded interests who want to use the commercial power lines as a way to conduct high-speed data communications. Many of the proponents of this technology have chosen to design systems using frequencies that are between 2 and 30 MHz.

The number of shortwave listeners in the USA is hard to estimate accurately since Arbitron does not survey such listeners. The CIA Factbook says there are 575 million radios here. If only one percent of these radios have shortwave capability, that would be almost 6 million shortwave receivers. A reasonable estimate would be that hundreds of thousands of listeners tune in to shortwave broadcasts weekly.

As wonderful as enhanced broadband competition could be for improving our access to information, the use of free-to-air shortwave radio broadcasts by hundreds of thousands of weekly listeners is a right that must be protected by the FCC.

Shortwave broadcasts are accessible to even the poorest people for a one-time

equipment cost of less than \$150. In its efforts to expand subscription-supported broadband Internet access, the Commission must not force economically deprived persons to incur monthly subscription costs or purchase a relatively high-cost interface device, such as a computer, to access information available today for free. A free democratic society depends on free access to information in order to have an informed electorate. The effective exercise of democracy demands that all persons have an inherent right to inform themselves regardless of economic status. The FCC must, therefore, protect the public interest by protecting existing methods of access to free information.

Shortwave broadcasts are accessible to even the poorest people for a one-time equipment cost of less than \$150. In its efforts to expand subscription-supported broadband Internet access, the Commission must not force economically deprived persons to incur monthly subscription costs or purchase a relatively high-cost interface device, such as a computer, to access information available today for free. A free democratic society depends on free access to information in order to have an informed electorate. The effective exercise of democracy demands that all persons have an inherent right to inform themselves regardless of economic status. The FCC must, therefore, protect the public interest by protecting existing methods of access to free information.

BPL systems must protect the internationally allocated frequency bands between 5.5 and 26 MHz that are used by international broadcasters to reach listeners in the USA. (If the FCC desires

to adopt a standard that will be marketable in foreign countries, attention must also be directed to internationally allocated bands between 2.0 and 5.5 MHz which are in use for both domestic and international broadcasting in many parts of the world.)

Notches in the BPL spectrum have been proposed to protect various licensed radio services. It is dangerous to carve out holes in the allowable radiated spectrum from BPL devices because that will forever constrain the flexibility the ITU and the FCC have in adjusting the HF broadcast bands to accommodate changing needs. Once the BPL physical plant is widely deployed, the cost of modifying the plant to accommodate new broadcast frequency allocations will be prohibitive. Frequencies used by international broadcasters between 2.0 and 26 MHz are defined and allocated by the International Telecommunications Union (ITU) through its periodic World Administrative Radio Conferences. These allocations are somewhat dynamic and have been expanded over the years to accommodate the growing needs of broadcasters and listeners.

NASWA recommends the spectral region between 30 and 47 MHz be considered. Users are declining in this frequency range as public safety and law enforcement services migrate to 800 MHz trunked systems.

This migration to higher frequencies is being spurred by the increased need for liaison between emergency response agencies. Effective homeland security also requires protecting law enforcement communications from eavesdroppers. Digital trunked systems in the 800 MHz range improve both interoperability between agencies and secure communications from casual eavesdroppers.

The US military also uses frequencies in the 30-47 MHz range for mobile communications. These communica-

tions are not normally connected to or in proximity to residential power distribution lines. Joint use of these frequencies should be possible. Additional testing is recommended to verify this assumption. Alternatively, the communications signals should transition to fiber-optic technology at the distribution transformer secondary.

The presence of high-pass filters to facilitate bypassing of distribution transformers will inevitably cause an increase in unwanted interference conducted and/or radiated from the medium voltage wires of the power distribution network and the low voltage wiring in the home.

These transformers normally act to limit propagation of such noise components. Noise components originating in homes tend to be confined to the homes connected in parallel at the secondary winding of the distribution transformer. High Frequency (HF) noise components developed upstream of the distribution transformer are inhibited from reaching residential customers by the reactance presented by the transformer at HF frequencies. Bypassing these transformers at HF frequencies will allow the high voltage distribution network to propagate the interference components both out of the home to the medium voltage distribution network and in the reverse direction from sources well beyond the immediate vicinity of the home user of shortwave radio broadcasts.

The interference emitted by the neighbor's drill, even if it exceeds Part 15 limits for incidental radiators, might be tolerable because the drill is used only infrequently. The BPL devices will be on continuously. To the deleterious effect of such a device in one's own home must be added the cumulative effect of all the BPL devices in neighbor's homes that share the same secondary winding of the distribution transformer.

Real-world tests and demonstrations are currently being conducted by power utilities. The FCC should require such field trials to qualitatively measure the interference experienced by receivers such as the YB-400 operating with its attached whip antenna in such an environment. Just as the Food and Drug Administration requires manufacturers of new drugs to prove they are both effective and safe, the FCC must put the burden of proof on manufacturers of BPL systems to show they will not inhibit access to international radio broadcasts in typical listening environments. Of course one way to eliminate such a strenuous burden of proof would be to confine all such systems to the 30 to 47 MHz part of the spectrum.

Tests have been conducted by the HomePlug® Alliance and the American Radio Relay League to measure the effect of simulated HomePlug® devices on reception in the HF spectrum in real-world homes with external HF antennas. The bottom line results show that with a 30 dB reduction of radiated components in the amateur radio band frequencies, compared to levels permitted by Part 15 regulations, the effects could be reduced to almost inaudible levels as long as the receive antenna was located 10 meters or more from the house wiring. The report is available on the Internet at: <[http://www.arrl.org/tis/info/HTML/plc/files/HomePlug\\_ARRL\\_Dec\\_2000.pdf](http://www.arrl.org/tis/info/HTML/plc/files/HomePlug_ARRL_Dec_2000.pdf)>. Analytically scaling these results to account for the closer spacing to house wiring of shortwave receivers with attached antennas would mean that 70 dB of attenuation below existing Part 15 limits would be required to eliminate interference to shortwave listeners.

This frequency avoidance approach used in the above tests to protect the amateur radio service does not protect the HF broadcast bands that are the concern of NASWA. A few data points taken in the referenced tests in specific

HF broadcast bands showed noise floors were raised as much as 14 dB when the HomePlug® device was turned on. The effect on receivers with built-in antennas in close proximity to house wiring is expected to be much greater. The FCC uses a scaling factor of 40 dB when transferring measurements made at 3 meters distance to the 30 meter distance specified in Part 15 rules. That would imply at least 40 dB of additional protection is necessary in order not to interfere with reception of international HF broadcasts on receivers with attached antennas in the home, and near house wiring.

If 70 dB (30 dB from the HomePlug®/ARRL tests plus 40 dB of additional protection due to receive antenna proximity to the house wiring) of protection were to be afforded to the HF broadcast bands, there is a serious question whether there would be enough spectrum left for HomePlug® products to achieve commercially competitive data rates.

The NASWA submission then directed the FCC to test reports from Europe and Japan, available on the Internet, which show the measured interference to radio communications services by equivalent technology.

The standards for interference must be tightened over those that presently apply to Part 15 devices. When Part 15 regulations were established decades ago, people who desired to listen to foreign broadcasts on the HF spectrum typically erected outside wire antennas which could be given sufficient physical spacing from power lines to avoid interference from conductive and radiation fields on both power lines and house wiring. These big antennas were required because the broadcast stations typically ran only 50 kw and the vacuum tube receivers of the day were noisier than today's solid-state designs.

Current local government and restrictive deed regulations often do not

provide the HF listener any way to use an outside antenna. Outside receiving antennas are prohibited by most modern restrictive covenants and many zoning ordinances for residential communities. (No relief was given to HF radio listeners when the FCC ordered reasonable accommodation for amateur radio service antennas in local zoning processes and the FCC did not pre-empt restrictive covenants that banned outside antennas when the Commission took such action for TV and Direct Broadcast Satellite antennas.)

A modern Grundig, Sangean, or Sony "shortwave" radio has sufficient sensitivity to hear signals near the atmospheric noise floor using small, attached-whip antennas more often than not located within a few meters of house wiring. Any BPL solution must specify radiated and conducted interference limits that recognize the performance of modern receivers and the way they are used by most listeners. Receivers with noise floors in the neighborhood of 1 microvolt across 50 ohms in a 5 kHz bandwidth are typical for the better portable radios with "shortwave" capability. Moving the BPL frequencies to the band between 30 and 47 MHz will greatly reduce the interference mitigation techniques that would otherwise be required to protect HF broadcast reception.

Both radiated emission limits and conducted emission limits should be controlled by FCC regulation. Because the wires are unshielded, currents conducted in the wires will radiate. How much they radiate is not under the control of the BPL device manufacturer nor the BPL service provider.

The wires are already in the wall or on top of the ceiling. What is there is there and only the building owner can legally change that. Houses built in the last few decades universally use unshielded Romex type wiring in place of the older

BX type metal sheathed cables which were common in the 1950's and earlier. The Romex style cable being unshielded will radiate and there is nothing the homeowner can do short of ripping out the house wiring and replacing it with grounded, shielded cable. Such an alternative will logically cause the homeowner to opt for the more economically attractive cable modem or DSL approaches for broadband access. BPL could die before it ever gets off the ground unless the FCC limits conducted and radiated emission levels. Moving the BPL spectrum to 30 to 47 MHz will help the FCC to specify less stringent limits.

Any system that is marketed on a worldwide basis must protect the rights of billions of people who only have shortwave radio to bring them the truth. The FCC must understand that in many parts of the world, where local despotic governments control the only local radio stations, listeners use shortwave radios to hear the truth from international sources. Today some people risk their lives to hear international broadcasters delivering the real news of the world and home country events. The United States Government devotes hundreds of millions of dollars each year to such broadcasting.

Wouldn't it be ironic if "Made In The USA" BPL devices, allowing access only to internet sites that the local dictator approved of, were the very cause of interference that prohibited oppressed peoples from hearing these shortwave transmissions?

Any system deployed in the USA will likely be aggressively marketed overseas. Our system must, therefore, also protect foreign shortwave listeners' rights to hear the truth unencumbered by local government restrictions. That will not only be in the interest of the US Government but also in the interest of all the world's citizens who value freedom and aspire to more democratic societies.

As a final word of caution, NASWA suggested that the FCC consider the potential hazards that might result from failure of transformer by-pass devices. Power utilities will be responsible for the safety of devices they install to enable Access BPL technology. The Commission must ensure that transformer by-pass devices, used for Access BPL applications, cannot fail in a way that might place thousands of volts (from the medium voltage distribution network) on home wiring and devices. Consumers must be assured that this technology is safe if Access BPL is to find wide acceptance. Protective schemes, such as fuses, must be proven to act fast enough to prevent electrocution or equipment damage for all possible failure modes.

Other organizations besides NASWA filed comments that also noted the danger to broadcast reception. This comment is from AMRAD, the Amateur Radio Research and Development Organization:

"AMRAD performed testing in Potomac, Maryland and found that the test BPL installation radiated signals in the HF band but the signal design avoided radio amateur allocated bands with the exception of the new 5 MHz frequencies. The BPL signals radiated were impulsive and sporadic, with bursts correlated with packet transfers. The density of the pulses are expected to increase with the number of active users of the internet in the neighborhood. The radiation bands were centered on 5, 9 and 11 MHz which nominally correspond to international shortwave bands. This installation used the high voltage lines to distribute the BPL signals and used only a single wire, which causes radiation. No attempt was evident in this installation to drive the power lines as a balanced line to reduce the unintended radiation and hence, significant radiation was observed. This installation turns the overhead power line into an effective center-fed dipole extending for hundreds of feet in either direction."

The National Association of Broadcasters also had comments that address and sup-

port NASWA's concerns. "BPL experimental licensees have made only passing references to "no reports of interference" but have not supplied measurement data to support those assertions. A lack of consumer complaints is woefully inadequate evidence upon which to base any conclusion that BPL does not cause interference.

"It is uncommon for a viewer to complain to the FCC or the broadcaster when interference occurs. Faced with a poor broadcast signal or no signal at all, a viewer is likely to respond only by switching the television channel.

"Further, it is highly unlikely that television viewers would even *be aware* that the entity holding an experimental authorization caused interference to their television receiver. Assuming, *arguendo*, that a consumer could identify the source of interference and lodged a complaint to the broadcast licensee, the broadcaster could not modify the consumer's television receiver to address the interference problem. Instead, the broadcaster would have to rely on a lengthy process at the Commission level to (1) determine and confirm the source of interference and (2) require the BPL entity to correct the interference."

So it is clear that the battle lines have been drawn. It will be interesting to see how the FCC handles the interference issue. NASWA intends to submit additional reply comments before the August 6 deadline. The NTIA has not weighed in yet but they are concerned about interference to government spectrum users. NASWA will keep you informed via the *Journal* as developments occur.

The NASWA Executive Council would be interested to hear your reaction to this new role that NASWA has undertaken. Do you approve or do you think such representation is outside NASWA's charter? Send your comments to the Executive Director at the postal or e-mail address on the top of page 1. Pro or con, your opinions count. Until next time, stay tuned.



## New Master DX Centurion

**Dieter K. Reibold of Kirchheim, Germany** has become NASWA's newest Master DX Centurion. In addition he has met the requirements for the 3 certificates listed below:

§ Master  
PNG DXer  
(He has  
verified  
all 19  
Provincial  
Stations.)

§ Master  
European  
DXer

§ Master  
Pacifica  
DXer

Dieter is the Editor for the German Service of Radio HCJB and is on the air every Saturday at 05:

00-05:30 UTC on 9780 and 20:00-20:30 UTC on 15545, 17795 and 21455 usb.

**Joe Wood of Gray, TN** has earned the following 2 awards:

§ World Wide DXer  
§ International DX Listener

## DX-TOPICS

Amalienweg 8, 85551 Kirchheim

An: HCJB

Hiermit wird bestätigt, daß Sie den Beitrag  
DX-Topics über Radio HCJB am  
um          UTC auf          kHz gehört haben.

**Vielen Dank und gut DX!**

DTK  
Das DX-Team Kirchheim



Karsten Reibold Dieter K. Reibold

### Radio HCJB German Service QSL Card

I look forward to issuing many more awards in the near future.

Until next time. 73.



**FOR SALE: Drake R8A receiver in pristine condition with MS-4 Drake speaker, dust cover, original manual and box. Price \$850 including shipping in the U.S. From non-smoker. Stephen Leite, 190 Healy Street, Fall River, MA 02723-1217 or call 508-675-2830 after 5:00 PM and ask for Steve.**

# 2003 Adventist World Radio "Wavescan" DX Contest

## Full Details for September's Event

### Theme: Radio Stamps & Unique QSLs

As with our previous DX contests here in Wavescan, the 2003 DX Contest will also run throughout the month of September. The main ingredient in our DX contest this year is a search for QSLs that are quite unique, not in design, but in what they verify. Do you have a QSL in your collection that no one else in the world has?

The world winner for our "September DX Contest" will receive the 2003 Bronze Medallion and an autographed copy of Jerry Berg's book, *On the Shortwaves*. Additional continental winners will receive a copy of their choice, either *Passport to World Band Radio 2004* or *World Radio TV Handbook 2004*. Several hundred additional awards are also available.

All entries must be postmarked in September 2003, though in some cases early entries will be accepted. Late entries will not be awarded any prizes though the reception reports will be QSLed with new QSL cards and the 2003 endorsement.

Here is a summary of the five parts in our big DX contest for this year:

**PART A:** Only QSL in the World.

**PART B:** How did you become a DXer?

**PART C:** Describe and send a radio postage stamp.

**PART D:** Submit 3 reception reports on any AWR transmissions.

**PART E:** Where possible, submit 3 radio cards.

Here now are the contest requirements in full detail:

#### **PART A: Only QSL in the World**

Do you have a QSL that is quite unique and you believe that you are the only person in the world to have a verification of this nature. Does your unique QSL verify an emergency broadcast, or an emergency transmitter, or a wrong frequency or a dramatic event, etc, etc? Your QSL may verify a broadcast from a station on shortwave, mediumwave, longwave, FM or utility communication, but not amateur, CB nor TV. You may list as many of these unique QSLs as you desire. You may send a color copy or black & white copy of your QSL, or you can describe the details.

#### **PART B: How did you become a DXer?**

Please tell in two or three paragraphs what led you to become interested in international radio monitoring.

**PART C: Describe and send a radio postage stamp.**

You may describe and send any postage stamp from any country, new or used, that features radio in some way.

**PART D: Submit 3 reception reports on any AWR transmissions.**

These reports can be on the reception of any AWR broadcasts on any station anywhere in the world.

**PART E: Where possible, submit 3 radio cards.**

These cards may be new or old QSL cards, new or old tourist postcards that show radio in some way. Not valid for this contest are neither amateur nor CB QSL cards.

**Contest awards:**

1. The world winner in our "September DX Contest" will receive the 2003 Bronze Medallion and an autographed copy of Jerry Berg's very interesting volume, *On the Short Waves*.
2. Additional continental winners will receive a copy of their choice of either *Passport to World Band Radio 2004* or *World Radio TV Handbook 2004*.
3. Several hundred other awards are available from AWR, including 10 full sheets of the AWR QSL stamps, and 10 half sheets.
4. All reception reports will be verified with new AWR QSL cards endorsed for the 2003 DX contest and with the 2003 QSL stamp.

**Things to remember:**

1. All entries must be postmarked during the month of September and received in Indianapolis before the end of October, though in special cases early entries will be accepted. Late entries will not be entered into the contest though the reception reports will be verified.
2. Where possible, please provide a self-addressed business size envelope.
3. Where possible, please provide return postage, preferably in an acceptable form of international currency, though mint postage stamps or IRCs will also be appreciated.
4. The only address for contest entries is:

September DX Contest

Box 29235

Indianapolis

Indiana 46229

USA

# Listener's Notebook

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**ANGOLA** Under legislation currently being prepared in Angola, the government will lose its monopoly of shortwave broadcasting. Media Minister Hendrick Vaal Neto announced this week that not only will private TV channels be allowed under the legislation to be presented to the National Assembly, but also the establishment of privately-run short wave radio stations. (Radio Netherlands Media Network 12 June/DX Listening Digest/Hausser-OK)

3375, *Radio Nacional*, has been reported in DX media recently. No trace of it here, and has not been for some years. Possibly a mix up with the *Radio Nacional* station in Brazil (Vashek Korinek, RSA, DXplorer via BC-DX/DX Listening Digest/Hausser-OK)

**AUSTRALIA HCJB** changes via Kunnunura:  
0800-1200 English NF 11750 ex 0700-1200 on 11770  
1800-2030 English NF 11765 new  
0100-0130 Urdu NF 15420 new  
transmission in new lang  
0130-0330 English NF 15420 new  
1230-1700 English NF 15390 ex 1230-1730 on 15480  
1700-1730 Urdu NF 15405 new  
transmission in new lang  
(Observer-BUL)

**BELARUS** The transmitter in Brest for *Belaruskaje Radyjo 1* doesn't carry its own regional programming. Instead, it relays *Radyjo Stalica* (FM) during the morning regional block 0340-0400 (and during the evening block as well). Also other transmitters without regional feeds have the same schedule (Trutenau-LIT, June 22/DX Listening Digest/Hausser-OK)

**BOLIVIA** The unidentified station earlier reported by Arnold Slaen on 4650.3 appears to be *Radio Santa Ana* using a standby transmitter. A sound clip sent to me by Bjorn Malm, in Ecuador, featured a canned off-cue announcement for their message service called *El Mensajero de la Mosquitania*. Malm logged the station on 4650.35 kHz (Henrik Klemetz, Sweden, June 1/DX Listening Digest/Hausser-OK)

4760 *Radio Guanay* June 29 at 2330-0200, weak, news or political comment at 0120, 0130 Jingle-like shots, 0150 clear ID "GU--A--NAY" (Prokhorov-RUS, Cumbre DX/DX Listening Digest/Hausser-OK)

*Radio Panamericana*, La Paz, shortwave 6105, mediumwave 580, and FM 96.1, with a new website since June 27. RealAudio between 1130 and 0330 only. <http://www.panamericanabolivia.com> (Henrik Klemetz, Sweden, July 3/DX Listening Digest/Hausser-OK)

**BOTSWANA Radio Botswana** began 24-hours operation from June 1. (via BBCM/DX Listening Digest) Oh, no! This could mean the end of the "dawn chorus warmup" of barnyard sounds; check 4820 (Hausser-OK/DX Listening Digest)

**BURUNDI** Had a phone call from Chris Hambly in Melbourne who says he heard *Radio Burundi* on 6140 this morning. Bells at 2030 followed by ID

"This is Burundi" and English news, through to close with bells again at 2056. Best in USB to avoid QRM. (Ormandy-NZL, July 4/DX Listening Digest/Hausser-OK)

**CENTRAL AFRICAN REPUBLIC** Heard *Radio Centrafricaine*, Bangui on sharp 5035 kHz with booming signals. French talks and music around 2000 UT. 73 (Jarmo Patala, Finland, June 26, [dxing.info/DX](mailto:dxing.info/DX) Listening Digest/Hausser-OK)

**CHILE** 6009.98, *Radio Parinacota*, Putre. June 2003 - 2325 UT. The frequency is now quite clean, (the Colombian is off air), so it is possible sometimes to hear *Parinacota* quite well but never strong. Was "fooled" when they had a program with Peruvian music. Sometimes QRM from *Radio Mil* on 6010.02 kHz. Sometimes relaying *Radio Cooperativa* with news. (Bjorn Malm, Quito, Ecuador, SW Bulletin June 29, translated by editor Thomas Nilsson/DX Listening Digest/Hausser-OK)

A friend living in Coyhaique confirms *Radio Santa Maria* 6029.7 is off the air on shortwave due to financial problems. (Barrera-ARG/DXplorer List via Conexion Digital June 15/DX Listening Digest/Hausser-OK)

**CHINA Haixia Zhi Sheng (Voice of Strait)** latest schedule:

News Channel	
2225-1700	11590 4940
Entertainment Channel	
2225-1700	7280 5050
Amoy Channel	
2225-1700	6115 4900, including English 0930-1000 Fr/Su

*Nei Menggu Radio Station* latest schedule:

0120-0800	Mongolian	9750 7210 7270
0120-0900	Mandarin	9520 7165 7105
0805-1605	Mongolian	6195 4785 4525
0905-1605	Mandarin	6045 4620 4000,
2150-0115	Mandarin	6045 4620 4000,
2150-0115	Mongolian	6195 4785 4525

(Bob Padula, EDXP World Broadcast Magazine June 7, used by permission from <http://edxp.org/DX> Listening Digest/Hausser-OK)

*CRI* using Brasil for a relay:

0100-0200	9665
0300-0400	9665

(Scan Gilbert/WRTH/hard-core-dx/DX Listening Digest/Hausser-OK)

Freq change for *China Radio International* in Turkish:  
1400-1427 NF 15670, ex 11700 // 15165 (Observer-BUL)

Relays of overseas stations:

0000-0100	RCI English	15205-X
0100-0200	RFI French	17710-B
0200-0300	RCI English	17860-X 15510-X
1000-1200	REE Spanish	9660-B
1100-1200	RFI French	11600-B
1200-1300	RFI Khmer	11600-X
1200-1400	REE Spanish	11910-X
1400-1500	RFI English	11610-X

1500-1600 RCI English 17720-X 15455-X  
1500-1600 VOR English 11500-X  
1600-1700 RFI French 6090-K  
B = Beijing, K = Kunming, X = Xian (NDXC, re-  
arranged by Tony Rogers for July BDXC-UK  
Communication/DX Listening Digest/Hauser-OK)

**Tibet PBS** Tibetan channel is scheduled  
0950-1700 4905 4920 5240 6130 6200 7385  
9490  
0950-1735 6110  
1000-1535 9490 9585  
2250-0200 7125 7385  
2250-0735 4905 4920 5240 6110 6130 6200

English program is 1630-1700 on 7385 (Sergey  
Kolesov, Ukraine, July World DX Club Contact via  
Mike Barraclough/DX Listening Digest/Hauser-OK)

**CLANDESTINE - AFRICA** 12120, *Tigrean  
International Solidarity for Justice and  
Democracy*, via Samara, \*1700-1800\*, Jun 29, time  
signal, flute and Tigrinya announcement heard as:  
"Yeh Lediopyan (Magoney Gimsalau)" (Lediopyan  
= Ethiopia). Scheduled Sundays only via TDP.  
(Petersen-DEN, July 2 DSWCI DX Window, July  
4/DX Listening Digest/Hauser-OK)

15670, *Radio Xoriyo*, Somalia, via DTK Julich,  
Germany, \*1629-1659\*, Jun 17 and 20, presumably  
Somali with IDs 1640 after 1630-1640 news into talk  
about Ethiopia. Horn of Africa music, IDs with  
definite "Xoriyo" a couple of times, into a minute of  
Arabic-style singing. (Jerry Berg and Finn Krone,  
July 2 DSWCI DX Window, July 4/DX Listening  
Digest/Hauser-OK)

On 2 June at tune in 1815 *Southwest Radio Africa*  
was heard with good signal on 4880. Their website  
tells they now use this frequency instead of 6145.  
And their ID also mentions only 4880 now (Jari  
Savolainen, Kuusankoski, Finland/DX Listening  
Digest/Hauser-OK) 4880, SW Radio Africa heard on  
4880 1835-1900\* June 3rd. (Mike Barraclough,  
Letchworth, UK/DX Listening Digest/Hauser-OK)  
It's from the South African facility of Sentech  
(formerly the SABC, South Africa). (David Pringle-  
Wood, Zimbabwe, June 29/DX Listening  
Digest/Hauser-OK)

"*The New Democratic Voice of the Zimbabwean  
People*" noted here today at 1700 sign on, using  
9890, 6240 and 5905 kHz. Lovely African song in  
the interval signal. I'm not sure of the language  
though. (Dobrovitch-AUS/DX Listening  
Digest/Hauser-OK)

*Radio Togo Libre* was active less than one month -  
from early June through the end of June - via  
Meyerton. It was a joint initiative of the National  
Dialogue of Civil Society (CNSC) and the Togolaise  
Diaspora for Democracy and Development  
(DIASTODE). Conflicting reports of limited-  
duration testing vs. defunct due to lack of operating  
funds, but it's gone regardless. Sked was:  
1300-1400 21760 Mo-Fr  
2000-2100 12125 Su  
(Glenn Hauser, BBCM and a whole lot of reporters)

**CLANDESTINE - MIDEAST** *Voice of Reform:  
Radio Alislah* on new 15700 kHz, I listened to it  
June 4 and June 10, not on 12025. (M. Kallel,  
Tunisia, Jun 10, 2003 for CRW via DXLD)  
Elsewhere reported as 15705; do you have accurate  
frequency readout? (Hauser-OK)

Now officially confirmed that the *Voice of Iraqi  
Liberation* was a U.S.-sponsored operation in which

the CIA was involved, and that it was broadcasting  
from the PUK-controlled part of Iraqi Kurdistan.  
(Mike Mekeleinen, Finland, May 29, dxing.info/DX  
Listening Digest/Hauser-OK)

*Voice of the Iraqi People ("Sawt al sha'ab al  
Iraqi")* June 29, 11710 kHz, 0008-0125\* (Taylor-  
W/DX Listening Digest/Hauser-OK)

*Voice of Mesopotamia*, operated by the Kurdistan  
Workers Party, 15675 at 0440 to 0515, Arabic songs  
until 0500, ID "Mesopotamia" caught, then talks.  
Signal got weaker at 0515, almost undetectable. (Cesar  
Perez Dioses-PRU/hard-core-dx/DX Listening  
Digest/Hauser-OK)

*Mesopotamian Radio and TV* heard June 11 on 7560  
kHz at 1700 with a couple of announcements in  
English during the one hour transmission. The rest of  
the programming consisted of just very nice music,  
played non stop. (Fransson-SWE/hard-core-dx/DX  
Listening Digest/Hauser-OK)

New time and freq for *Radio Sedoye Yaran* in Persian  
via KVI:  
1630-1830 NF 15790, ex 1800-2000 on 7525  
(Mo-Sa) (Observer-BUL)

**CLANDESTINE - OCEANIA** 3850, *Radio  
Independent Mekamui*, Bougainville, 1020-1101\*,  
Jun 09, Tok Pisin and, international and string band  
music, 1055 interval signal, closing ann and a short  
piece of music. The announcer was the same as I  
heard some months ago. During announcements the  
modulation was low. S 6-7 with strong static noise  
(Roland Schulze, Philippines July 2 DSWCI DX  
Window, July 4/DX Listening Digest/Hauser-OK)

**CONGO - DEMOCRATIC REPUBLIC** 7435.0,  
*RTNC*, Lubumbashi, 1755-1810 (fade out), Jul 13,  
Vernacular talk, Congolese instrumental music and  
pop song by choir. Best before 1800 when Voice of  
Russia signed on with German on 7440. (Anker  
Petersen, Denmark, DSWCI DX Window)

6030, *Radio Okapi*, Kinshasa, 2215, Jun 29, was the  
probable source of lively non-stop Congolese style pop  
music after SWRF had signed off. Reception best  
using USB and signal strength good. (Noel Green, UK  
July 2 DSWCI DX Window, July 4/DX Listening  
Digest/Hauser-OK)

11690, *Radio Okapi*, Kinshasa, 1825-1900, Jun 20,  
Vernacular news into 1827 Italian song "Italia  
d'Amore" 1830 M and W with more news or  
commentary. Fair to strong until 1900 when RFE  
QRM. (Krone-DEN/DSWCI DX Window, July 4/DX  
Listening Digest/Hauser-OK)

*Radio Candip*, Bunia, disappeared from the air on  
June 27, possibly as part of a negotiation between the  
French-led peacekeeping force and the militia group,  
Union of Congolese Patriots (UPC), who asked to  
retain control of the station. It returned to the air July  
5. (via BBCM/DX Listening Digest/Hauser-OK)

**COSTA RICA** On July 21, a University for Peace  
representative delivered an eviction notice to *Radio  
For Peace International (RFPD)* which has been  
operating since 1987 by mutual agreement on the  
University campus in El Rodeo, Costa Rica. The  
Radio station's access gate was locked with chains and  
patrolled by armed guards employed by the University  
for Peace. In addition, the radio station was advised to  
vacate its facilities in two weeks.

Radio For Peace employees made a plea to the armed  
guards to allow them to leave the locked premises on

Monday night, although some have not left the premises since the eviction notice.

According to General Manager James Latham, the unexplained and legally questionable decision to evict RFPJ endangers the livelihood of the station's employees, and also threatens to silence the voice of peace on international airwaves. "This is more than an eviction, this is about the right to free speech," says James Latham, Chief Executive Officer of Radio for Peace international. "What is most shocking and sad is that this action comes from an international peace organization." (Joe Bernard via Bethge for WWDXC via Bueschel-DE)

**EL SALVADOR** Haven't heard *Radio Imperial* 17835.16 for some time, not even a carrier beating against Japan. Anyone else hear them recently? (Paul Ormandy, Oamaru, New Zealand, June 15, dxing.info /DX Listening Digest/Hauser-OK)

**GERMANY** Frequency change for *Deutsche Welle* in Mandarin Ch effective June 15: 2300-2350 NF 9560 NAU, ex 9470 (Observer-BUL)

Some DTK changes:

**Bible Voice Broadcasting Network /BVBN/**

0030-0100	Hindi	11975 NAU Sa cancelled
0130-0200	Hindi	15520 WER Mo-Sa new
0500-0530	Arabic	13840 WER Mo-Fr new
0845-1015	Arabic	17595 WER Fr new
0900-1000	Arabic	17810 WER Fr new
1515-1530	Arabic	15680 JUL Sa new
1530-1615	En/Hindi	17655 JUL Mo-Fr ex Mo-Tu
1530-1630	En/Hindi	17655 JUL 100 Sa-Su ex We-Su
1730-1745	English	15680 JUL Mo-Fr new
1900-1930	English	5970 WER Su new
1800-1815	English	13845 JUL Sa new
1815-1845	Persian	13845 JUL Sa new
1845-1900	English	13845 JUL Sa new
1800-1900	Persian	13845 JUL Su new
1900-2000	English	13710 WER Sa cancelled

**Radio Rainbow:**

0800-0900	Amharic	6180 JUL Sa cancelled
<b>Brother Stair /TOM/:</b>		
1300-1400	English	13810 JUL ex 1300-1600
1300-1600	English	6110 JUL Su-Fr ex 1400-1600
1300-1700	English	6110 JUL Sa new
1900-2100	English	3965 JUL cancelled

**Salama Radio:**

1830-1915	Hausa	13855 JUL cancelled
1915-2000	English	13855 JUL cancelled

**RFE/RL/Radio Free Iraq:**

0100-0300	Arabic	NF 7205 JUL ex 12030
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**IBRA Radio:**

1730-1745	Somali	NF 15450 WER ex 15770
1730-1830	Swahili	NF 15695 JUL ex

1830-1845	English	15780 NF 15695 JUL ex 15780
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**Pan American Broadcasting - Waymarks Ministry:**  
 1500-1515 English 15650 JUL Su new  
 1530-1600 English 15650 JUL Su new  
 (Observer-BUL)

**GUATEMALA** During a holiday in Roatan, Honduras, on Jul 08-10 I found these shortwave stations active:

3325	<i>Radio Maya</i> , Barillas
3360	<i>La Voz de Nahuala</i> , Nahuala
3370	<i>Radio Tezulutlan</i> , Coban

(Cerveglieri/DSWCI DX Window)

**GUINEA** 6155, *RTVG*, Conakry, appears to have reactivated 6155 for weekend evening transmissions, observed in Melbourne on Jun 28 (Sat) in the period 2315-0000\* carrying domestic service relay, French, film music. Not audible on other days, maybe only Saturdays at this time (Bob Padula, EDXP/DX Listening Digest/Hauser-OK)

**HONDURAS** During a holiday in Roatan, Honduras, on Jul 08-10 I found these shortwave stations active: 3249.4

	<i>Radio Luz y Vida</i> , San Luis, with very bad modulation AM, difficult to understand.
4819	<i>La Voz Evangelica</i> , Tegucigalpa
4832	<i>Radio Litoral</i> , La Ceiba
4960	<i>Radio Buenas Nuevas</i> with very bad modulation AM, difficult to understand

(Massimo Cerveglieri, DSWCI DX Window July 16/DX Listening Digest/Hauser-OK)

4930, *Radio Ebenezer* June 28 at 2335-0145 with a lot of clear IDs as "Radio Ebenezer Costena," "Radio Internacional," simply "Internacional" and "... La Tercera." At 0025 IDs in Spanish and English. (Prokhorov-RUS/Cumbre DX/DX Listening Digest/Hauser-OK)

**INDIA** Summer A-03 schedule of *All India Radio*:

0000-0045	Tamil	4790 9835 9910 11740 11985 13795 6155 9595 11985
0015-0100	Urdu	9950 11870 13630
0045-0115	Sinhala	6155 9595 11620
0100-0130	Burmese	5990 7125 9635
0100-0200	Urdu	9565 11900 13700
0100-0200	Sindhi	3945 6045 7250 9810
0130-0200	Tibetan	6155 9595 11620
0130-0230	Nepali	9845 9910 11735 13620
0200-0430	Urdu	11985 15075
0215-0300	Pashto	9845 9910 11735 13620
0215-0300	Kannada	11985 15075
0300-0345	Dari	9845 9910 11735 13620
0315-0415	Hindi	11840 13695 15075 15185 17715
0400-0430	Persian	11730 13620 15770 17845
0415-0430	Gujarati	15075 15185 17715
0430-0530	Arabic	13620 15770 17845
0430-0530	Hindi	15075 15185 17715
0700-0800	Nepali	7250 9595 11850
0830-1130	Urdu	7250 9595 11620
0845-0945	Indonesian	15770 17510 17860
1000-1100	English	13695 15020 15260 15410 17510 17800 17895
1115-1200	Thai	13645 15410 17740
1115-1215	Tamil	13695 15050 15770 17810 17860

1145-1315	Chinese	11840 15795 17705	0500-0515	French	9435 15640
1215-1245	Telugu	13695 15770 17810	1000-1015	French	15640 17525 17545
1215-1315	Burmese	11620 11710 15415	1000-1025	Yiddish	15655
1215-1330	Tibetan	7410 9575 11775	1015-1030	English	15640 17525 17545
1230-1500	Sindhi	6165 9620 11585	1025-1040	Ladino	15655
1300-1500	Sinhala	9820 15050	1400-1500	Persian	13850 15640 17545
1315-1415	Dari	7255 9910		Fr-Sa	
1330-1430	Nepali	3945 4860 6045	1400-1525	Persian	13850 15640 17545
		7410 11775		Su-Th	
1330-1500	English	9690 13710	1500-1525	Spanish	15640 17520 17545
1415-1530	Pashto	7255 9910		Sa	
1430-1600	Urdu	3945 4860 6045	1530-1545	French	11605 15640 17545
1500-1600	Baluchi	6165 9620 11585	1545-1555	Spanish	11605 15640 17545
1515-1600	Gujarati	11620 15175	1600-0330	Hebrew	11585
1515-1615	Swahili	9950 17670	1600-1625	Yiddish	9435 15650
1600-1730	Urdu	3945 4860 6045	1625-1645	Romanian	9435 15650
1615-1715	Russian	11620 15140	1630-1645	English	15640 17545
1615-1730	Hindi	7410 9950 11585	1645-1700	French	15640 17545
		12025 13770 17670	1645-1700	Hungarian	9435 15650
1615-1730	Persian	7115 9910	1700-1715	Spanish	15640 17545
1730-1830	Malayalam	7115 12025	1730-1900	Russian	9435 11605
1730-1930	Urdu	4860 6045	1800-0400	Hebrew	15760
1730-1945	Arabic	9910 11585 13620	1800-1845	Hebrew	15640
1745-1945	English	7410 9445 9950	1900-1925	English	11605 15615 15640
		11620 11935 13605			17545
		15075 15155 17670	1930-1945	French	11605 15615 15640
1945-2030	French	9910 13605 13620			17545
1945-2045	Hindi	7410 9950 11620	1945-2000	Spanish	11605 15615 15640
2045-2230	English	7410 9445 9575			17545
		9910 9950 11620	2000-2115	Hebrew	15640
		11715	(Observer-BUL)		
2245-0045	English	9705 9950 11620			
		13605			
2300-2400	Hindi	9910 11740 13795			
(Observer-BUL)					

**INDONESIA** 3231.9, *RRI Bukittinggi*, 1130-1205, Jun 07, active again and now regular, but with Program "Satu" in Bahasa Indonesia. 1200 "Warta Berita" relayed from RRI Jakarta with a few seconds delay // 9680 and 11860. Weak (Roland Schulze, Philippines July 2 DSWCI DX Window, July 4/DX Listening Digest/Hauser-OK)

3976 *RRI Pontianak* Jul 5 1307-1317 Indonesian, Talk. ID at 1313 and 1314 and 1315. (Hashimoto-JPN/Japan Premium)

4606.4 *RRI Serui* Jul 4 1127-1134 Indonesian, 1129 ID and IS. 1130 ID. Local news. (Hashimoto-JPN/Japan Premium)

4753.4 *RRI Makassar* Jul 5 1107-1115 Indonesian, ID at 1108. Music. (Hashimoto-JPN/Japan Premium)

4790 *RRI Fak Fak* Jul 4 1050-1106 Indonesian, Music. ID at 1102 and 1103. (Hashimoto-JPN/Japan Premium)

4869.97, *RRI Wamena*, 1035-1102 Noted simply typical music with man in comments between tunes. At tune in the signal was poor, but by 1100 with a beautiful sunrise in progress here in Florida, the signal of Wamena was at a good level. (Bolland-FL July 23/Cumbre DX)

9524.90 kHz, *Voice of Indonesia*, Jakarta, 1050-1105+, 23 Jul. Programme in Chinese language, full ID at 1100 in English, then continue in Chinese. (Gabriel Ivan Barrera, ARG)

**ISRAEL** Updated A-03 schedule of *Kol Israel*:  
 0100-0500 Hebrew 13580  
 0300-2115 Arabic 5915 12150  
 0330-0500 Hebrew 11590  
 0400-0415 English 9435 15640 17600  
 0400-1800 Hebrew 15760  
 0500-0100 Hebrew 17535

**ITALY** *RAI* Caltanissetta on 6060 and 7175 and 9515 kHz is CLOSED. On 6060 is *RAI Prato Smeraldo* (near Rome) night service (Dario Monferini, Italy/DX Listening Digest/Hauser-OK)

**LIBYA** 11890, *LBJ*, Tripoli, 1800-1900, Jun 14 and 17. Rather new broadcast in Arabic to Iraq ex 11660. Also heard on // 7245. They are easy ID-able at signing on with specific brave music and "Iraqi" mentioning (Mauno Ritola, Finland; Vlad Titarev, Ukraine; and Tarek Zeidan, Egypt, July 2 DSWCI DX Window, July 4/DX Listening Digest/Hauser-OK)

**MADAGASCAR** The Radio Netherlands Madagascar relay stn has started the daily transmission of *Radio Feon'ny Filazantsara* at 1630-1655 on 3215 via the 50 kW Siemens transmitter. This is a programme of the Lutheran World Federation. (Andy Sennitt-HOL, Radio Netherlands July 3/BC-DX/Bueschel-DE)

3287.665, June 23 1835, *RTV Malagasy*, Antananarivo // with 5009.887. Nice music and French. (Stig Adolfsson, Sweden, SW Bulletin June 29, translated by editor Thomas Nilsson/DX Listening Digest/Hauser-OK)

*Radio Madagascar* heard June 19 on new (to me) 7105. Interestingly, it's a USB+carrier transmission. Heard from shortly after 1300 in parallel with 6135.07. During the middle of the day the station is on 6135 and 9688.86, and during the evening is on 3287.6 and 5010, so not sure how 7105 will fit into the pattern. Regards (Chris Greenway, Nairobi, Kenya/DX Listening Digest/Hauser-OK)

**MALAYSIA** 5964.9 *RTM*, Kajang, noted at 1842-1905 in Bahasa MIA with songs prgr and newscast 1900. 35332, but a lot worse adjc QRM-wise shortly prior to 1900. (Carlos Goncalves-POR, July 14/BC-DX/Bueschel-DE)

**MALTA/ITALY** Frequency change for *Voice of Mediterranean* in It/En via ROM 1700-1800 Mon-Sat NF 6185, ex 9605. (Observer-BUL)

**MARSHALL ISLANDS WJIE** indicate that they have bought the three shortwave transmitters from FEBA Seychelles. They are apparently planning to install one in Liberia, another in the United States, and the third in the Marshall Islands. (Adrian Michael Peterson, AWR Wavescan June 1/DX Listening Digest/Hauser-OK)

**MEXICO XEXQ, Radio Universidad de San Luis Potosi**, has reactivated their 49-meter frequency of 6045 kHz. Heard here in the mornings around 1200-1300 UT with Classical music format, occasional Spanish announcement. Fair/poor in general, and have not ID'ed it yet, but has been reported by others. (Wilkins-CO, June 29, Corazon DX/DX Listening Digest/Hauser-OK)

**MOLDOVA Radio Anternacionale/Radio International** in Persian now on air: 1630-1700 on 13800 KCH, ex 1630-1715 via KVI. (Observer-BUL)

**MYANMAR** I've had no luck finding Myanmar on 4725 over the past few weeks, listening in various locations in Thailand, Laos and India, so I assume it's silent on this frequency. 5040v still seems to be active but usually gives poor reception because of the AIR stn on 5040 (Alan Davies, Indonesia, at present in Madras-IND, DXplorer June 28 via BC-DX/DX Listening Digest/Hauser-OK)

5973, **Myawaddy Radio Station** has not been heard here for a while. (Goonetilleke-SRU/DX Listening Digest/Hauser-OK)

6570, **Defence Forces BC**, Tanggyi has not been heard here either in about two weeks (Goonetilleke-SRU/DX Listening Digest/Hauser-OK)

**NAMIBIA** All SW and MW frequencies have been silent for a couple of weeks. Not sure whether this is permanent or not; will try to find out more (Vaclav Korinek, RSA, July 2 DSWCI DX Window, July 4/DX Listening Digest/Hauser-OK)

**NIGERIA** 9690 first noted on Jul 02 at 1116-1240 with talks and interviews + nx 1200, never // to 15120. Noted briefly 1500 in English // to 15120 this time, only that was short lived as they reverted to Vernacular 1505-s/off 1559 with some sudden (?) pwr increase. (Carlos Goncalves-POR, June 23/BC-DX/Bueschel-DE)

**NORWAY** Freq change for **Radio Norway/Radio Denmark**: 1700-1755 NF 15650, ex 15705 // 11615. (Observer-BUL)

**PAKISTAN** Additional changes for **Radio Pakistan** since May 24th: World Service to Gulf & ME 0500-0700 on new 17755 [API-6 x 21460] and 11570 [API-1 x 17835].

World Service to Western Europe 1700-1900 on new 15065 [API-5 x 9400]. API-6 11570 continues.

**PAPUA NEW GUINEA** 3204.97 **Radio Sandaun** 1157-1201\*. Closing anmts by M; 2 "Radio Sandaun" ID's; choral music at 1159, then 1 stanza of presumed NA at 1201. Good signal. (Wilkins-CO 7/2/Cumbre DX)

A new SW broadcast station is planned for the PNG Sandaun Province in the near future. This has nothing to do with the NBC. It is expected that the SW transmitter will be used to cover all of PNG. Further info is under wraps at the moment. (Jan Baxter, Australia. PACIFIC FM MEGABASE [ Research ], <http://radiodx.com/fimmegabase> May 31,

ARDXC/DX Listening Digest/Hauser-OK)

**PARAGUAY** Adan Mur, from **Radio America**, sent me the new schedule for Radio America:  
9905 0.2 KW, ZP20 Radio America, Villeta.  
15185 0.2 KW, ZP20 Radio America, Villeta.  
(Slaen-ARG/Cumbre DX)  
[Wouldn't a schedule have times? Or are they 24h as I thought I saw somewhere? - AQ]

**PERU** 5009.62, **Radio Altura** recently reactivated for some occasional days but just now on air daily. Radio del Pacifico, which has been on exactly 4975.00 kHz is down on 4974.77. (Bjorn Malm, Quito, Ecuador, SW Bulletin June 15, translated by editor Thomas Nilsson/DX Listening Digest/Hauser-OK)

5067.11, **Ondas del Suroriente**, Quillabamba, la provincia de Conveccion, el departamento de Cusco. July 2 2003 - 0000 UT. This station has been off air during several years, at least absent here in Quito. Decent audio but somewhat weakly modulated signal. A format of variation with news, Peruvian music, ads, "Jeyendas" (sort of radio theatre) and comunicados. Male ID - "Radio Suroriente". (Bjorn Malm, Quito, Ecuador, SW Bulletin July 13, translated by SWB editor Thomas Nilsson/DX Listening Digest/Hauser-OK)

5176.51, **Radio La Amistad**, possible QTH - Tayabamba, la provincia de Pataz, el departamento de La Libertad. June 23 2003 - 1120 UT. Started Monday morning June 23 at about 06 local time in Quito and clearly stated it was a new station. (SWB America Latina/DX Listening Digest/Hauser-OK)

**PHILIPPINES FEBC** changes:  
1000-1500 Mandarin on 9420 cancelled  
1330-1400 Ch dialect NF 9835, ex 9810  
1500-1600 Cantonese on 9420 cancelled  
(Observer, Bulgaria, June 11/DX Listening Digest/Hauser-OK)

9580v, **PBS, Radio Ng Bayon**, Marulas, Valenzuela, was last heard on May 19 and is now inactive again (Roland Schulze, Philippines, May 30, June 18 DSWCI DX Window, June 21/DX Listening Digest/Hauser-OK)

**RUSSIA** 7436v, **Radio Krishnaloka**, Orel, 0105-0315\*, Jun 15 and 16, Indian string music and Krishna hymns, English speaking preacher with Russian simultaneous interpretation, cultural talks and conversations in Russian about the Krishna worship, ID: "Radiostantsia Krishnaloka", mentions internet address, closing with the name of the announcer in the studio and orchestra music. Frequency drifting up and down 7435.8 - 7437.0. (Anker Petersen, Denmark, June 18 DSWCI DX Window, June 21/DX Listening Digest/Hauser-OK)

Radiostation "**Mayak**" back on shortwave via Tanna Tuva (Tyva, Kyzyl). From the 1st of July on 6100 kHz (~ 10 - 15 kW). (Igor Jaremenko, Novosibirsk // open\_dx via Rus-DX via Cumbredx/DX Listening Digest/Hauser-OK)

**RWANDA** Rwanda is in the clear from 2027 to 2100 (on 6055). Nice signal here in south Italy (Roberto Scaglione, <http://www.bclnews.it> Italy/DX Listening Digest/Hauser-OK)

**SERBIA & MONTENEGRO** Station has stopped calling itself Radio Yugoslavia, and now identifies as **RSCG - the international radio of Serbia and Montenegro**. RSCG is an abbreviation of the station's

Serbian name: Radio Srbija i Crna Gora. A new logo has also been unveiled on the station's Web site. The old URL <http://www.radioyu.org> is still in use, and there is no change to the schedule (Radio Netherlands Media Network 1 July/DX Listening Digest/Hausser-OK)

Sked:		
0000-0028	English	9580 Mo-Sa
0030-0058	Serbian	9580
0430-0458	English	9580
1430-1458	Arabic	11800
1500-1528	Russian	11800
1530-1543	Hungarian	6100
1545-1558	Greek	6100
1600-1628	French	9620
1630-1658	German	9620
1700-1713	Albanian	6100
1715-1728	Bulgarian	6100
1730-1758	Italian	9620
1800-1828	Russian	6100
1830-1858	English	6100
1900-1928	Spanish	7200
1930-1958	Serbian	6100 Su-Fr
1930-2028	Serbian	6100 Sa
2000-2028	German	6100 Su-Fr
2030-2058	French	6100
2100-2128	English	6100
2130-2158	Serbian	7230 Su-Fr
2130-2228	Serbian	7230 Sa
2200-2228	English	7230 Su-Fr
2230-2258	Chinese	9580
2300-2328	Spanish	9680
2330-0028	Serbian	9580 Su
2330-2358	Serbian	9580 Mo-Sa

(Observer-BUL)

**SOMALIA Radio Hargeysa** must have replaced its transmitter over the past few months. Earlier this year it was more-or-less on channel (7530) and operating USB with a carrier, so OK to listen to in AM mode. Now it is on 7530.6 or so and the carrier is so heavily suppressed that listening in AM mode is impossible. Even in USB mode the audio sounds very rough. A pity, as the signal strength is reasonable. (Chris Greenway, Kenya, June 18/DX Listening Digest/Hausser-OK)

Broadcasts from **Radio Gaalkacyo** have been heard again on shortwave after a lengthy absence. Radio Gaalkacyo is based in the town of the same name (alternative spellings include Galkayo and Galcaio) in the self-declared autonomous state of Puntland in northeast Somalia. It is currently being heard in the local evenings on the shortwave frequency of 6980 kHz (an adjacent channel to its previous frequency of 6985 kHz). News bulletins in Somali are broadcast at 7 and 8 p.m. (1600 and 1700). Observations indicate that the station continues to support the Puntland regional authorities led by Col Abdullahi Yusuf Ahmad and based in the Puntland capital Garowe. Gaalkacyo has been the scene of fighting in recent days. On 10 July Radio Gaalkacyo reported that Puntland leaders had called on the clans involved in the clashes to stop fighting. Source: BBC Monitoring research 11-12 Jul 03 [Chris Greenway, Kenya] (via DX Listening Digest/Hausser-OK)

**SRI LANKA Sri Lanka Broadcasting Corporation, External Services:**

0020-0400	Hindi	7302.5 11905.73
0030-0430	English	6005 9770 15745
0800-0830	Kannad	7302.5 11905.73
0830-1000	Telegu	7302.50 11905.73
1000-1130	Malayalam	7302.5 11905
1130-1330	Tamil	7302.5 11905.73
1230-1530	English	6005 9770 15745
1330-1530	Hindi	7302.5 11905.73

1545-1900	Sinhala	7302.5 11775
1900-2000	English	6010(Skelton) Sa

(Jose Jacob-IND, June 6/DX Listening Digest/Hausser-OK)

**TANZANIA-ZANZIBAR** The 1800 English bulletin is definitely from the Zanzibar studios, not a relay of Dar es Salaam, which is heard with its own programmes (in Swahili) at that time (Chris Greenway, Kenya, July 2/DX Listening Digest/Hausser-OK) Noted July 6, 11734.1 at 1800-1810. There was indeed English news at that time. (Steve Lare-MI/DX Listening Digest/Hausser-OK)

**UNITED STATES OF AMERICA 5034.22, WWRB, McKaysville.** Poor 0611 with religious program, better on 5050 and 5085 so this is possibly a spur? Next night, 5050 and 5085 are both off so maybe their techs are working on a problem? 8 June (Paul Ormandy, New Zealand, July Australian DX News/DX Listening Digest/Hausser-OK)

**WBCQ** is now using 5100 from 2200-0600 (various reporters/ DX Listening Digest/Hausser-OK)

**UZBEKISTAN Radio Tashkent International** has now its own homepage: <http://ino.uzpak.uz> (in Uzbek, English, Russian) (Station info via Wolfgang Bueschel-DE via Bernd Trutenau-LTU, Cumbredx mailing list via DX Listening Digest/Hausser-OK)

**ZAMBIA ZNBC Radio 1** is active again on 4910. Noted on 25 June at 1803 tune in with news in English. At 1812 ZNBC Radio One ID and into local language. (Savolainen-FIN/DX Listening Digest/Hausser-OK) [Appears to sign off around 2200 - AQ] This is only being used during the evening and early morning. 5915 is still being used as Radio 1's daytime frequency. Meanwhile, Radio 2 is sticking to 6165 throughout. (Chris Greenway, Nairobi, Kenya, July 4/DX Listening Digest/Hausser-OK) 4910 is the reactivated night time frequency and 5915 continues to be used throughout the daylight hours. 6165 is in use from 0250 to 2200 (Vashek Korinek, RSA, July 2 DSWCI DX Window, July 4/DX Listening Digest/Hausser-OK)

**ZIMBABWE 5975, ZBC, Gweru,** (mainly R 2) seems to be the only active SW frequency now, normally heard from 0300 - 2200v. Sometimes signs off some hours before 2200 (Vashek Korinek, RSA, July 2 DSWCI DX Window, July 4/DX Listening Digest/Hausser-OK)

# Pirate Radio Report

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

## Summertime, and the Conditions are Lousy....

The usual static and hot weather is with us, but pirate activity continues to fairly moderate, including a lot of activity on weekdays. Be sure to check out 6925, 6950 and 6955 kHz for activity after dark. **Sunshine** and **Grasscutter Radio** seem to be active during the week.

Don't forget to check the *Free Radio Network* Web site [www.frn.net]. Click on The ACE hosted site and then click on The Loggings section of the ACE site.

Here you can find loggings in real time. Join the section and post your own logs as well.

## Loggings

Thanks go to: Scott Barbour-NH, Ross Comeau-MA, Rich D'Angelo-PA, Joe Wood-TN.

**Big Thunder Radio** was noted on 14<sup>th</sup> July at 0109 to 0200 sign off on 6950 kHz. Claimed a live show from Beantown with songs by Boy George, Jimmy Buffet. Email address as: bighunderradio@hotmail.com. [D'Angelo-PA]

**Grasscutter Radio** on 6950 USB was heard on July 10<sup>th</sup> at 0334 UTC with rock songs by Traffic, Jimi Hendrix. Poor reception. [Barbour-NH]

**Psycho Radio**, logged on 6955 kHz in the USB mode on 21 July at 0330 UTC. Just heard an ID and then they signed off. [Wood-TN]

**Radio Free Speech**, the station Bill O. Rights built was noted on 6950 kHz in the AM mode on July 6<sup>th</sup> at 0140 UTC. Talk about constitutional rights, parody Ads and traffic reports, giving both Wellsville, NY and BRS, PA maildrop info. [Wood-TN]

**Sunshine Radio**, from the deep south was logged on 6950 kHz at 0107 on July 14<sup>th</sup>, playing mx from the movie *Grease*. Switched to 6955 after learning **Big Thunder Radio** was on the same frequency. [D'Angelo-PA]

**Undercover Radio**, the winner of our 2003 popularity poll, was noted on 6925 kHz in USB mode at 0214 UTC July 6<sup>th</sup>, running a test loop tape saying "Don't tell them what we are doing" and IDed as "This is Undercover Radio broadcasting from the middle of nowhere". [Wood-TN] Also noted later the same day at 0340 UTC on 6950 kHz USB with William Burroughs and Laurie Anderson talks. Email address is: undercoverradio@mail.com. [Barbour-NH]

**WANP/WA&E**. Noted at 0246 on July 15<sup>th</sup> on 6925 kHz AM with Jay Smilkstein/Uncle Schleckstein stuff. No address noted but signal strength was good. [D'Angelo-PA] Jay Smilkstein often calls WBCQ during the Allan Weiner Worldwide show from a pay phone at the A&P Supermarket located in Mt. Kisco, NY. I wonder if George Maroti does his grocery shopping at the A&P?

**WHYP-The James Brownyard Memorial Station**. Noted of July 14<sup>th</sup> with a reply of their Halloween show on 6925 kHz AM at 0200 UTC, featuring Jay "Bozo" Smilkstein's Uncle Shleckstein. Original parody songs like the Zeller Mash, Lee Reynolds and the Gay Ghost, etc. [Comeau-MA] [Ross, I'm sorry your favorite station **Partial India Radio** didn't win this year's popularity poll, maybe next year?]

**WMPR-Micro Power Radio** was logged on July 15<sup>th</sup> at 0300 with a long rambling program of rock music with an ID just before sign off. [D'Angelo-PA]

Until next month, Happy Pirate DX!

-Chris Lobdell



# QSL Report

Sam Barto • 47 Prospect Place • Bristol, CT 06010

## PIRATING WITH CUMBRE



## VERIFICATION CARD

**STATION NOTES:** Sveriges Radio Kristianstad 6065 via Radio Sweden International v/s Bertil Svensson, Chief Engineer. Addr: P.O. Box 205, SE-29125 Kristianstad, Sweden. Radio Emme 3947.2 Addr: Dorfstrasse 29, CH-3550 Langnau IM Emmenthal, Switzerland. Swiss Radio International 9755 v/s E. Niedhammer. Radio Damascus 13610 v/s Worai Galindo. Addr: P.O. Box 4702, Damascus, Syria. Adventist World Radio 15490 via Taiwan v/s Niki De Vera, Listeners Service Secretary. Addr: 39 Brendon Street, London W1H 5HD, England. Turkmen Radio 5015 v/s Kakaly Garayev, Technical Department Chief...via PLAY DX...Sam.

**ANTIGUA:** Deutsche Welle 9700 f/d "50th Anniversary" cd. in 82 ds. for 1 IRC.(Brouillette-IL).

**ASCENSION ISLAND:** Voice of America 17745 f/d cd. in 1 mo. v/s John \* Vodenik.(Field-MI). WYFR 15195 f/d "30th Anniversary" cd. w/ schedule, sticker and religious pamphlets in 16 ds. for ms (not used). (Barbour-NH).

**AUSTRALIA:** Radio Australia 9580 via Shepparton f/d "ABC Southbank Centre" cd. in 42 ds. Also rcvd. schedule, rpt. form and stickers.(Weissborn).

**AUSTRIA:** Radio Austria International 9870 via Moosbrunn f/d "Theatre on the Lake" cd. in 18 ds.(Weissborn-TX). 7325 f/d "Schoenbrunn Castle" cd. in 14 ds. for 1 IRC.(Brouillette-IL). f/d "City of Salzburg" cd. in 13 ds. for 1 IRC.(Brouillette-IL). Radio Afrika International 17895

**ABU DHABI:** Adventist World Radio 9810 f/d "Creation" cd. w/ site in 27 ds. for 1 IRC.(Barbour).

**ALASKA:** KNLS 9615 f/d "Mount McKinley" cd. QSL #7 of 200. Also rcvd. newsltr. and a personal ltr. in 160 ds. for ms. v/s Karen Osborne, English Service Listener Response. My rpt. was originally sent to their TN address.(Barbour-NH).

**ANGOLA:** Radio Nacional de Angola 4950 f/d cd. in 107 ds. for a PT rpt. and ms. Addr: C.P.1329, Luanda. (Comeau-MA).

## PIRATING WITH CUMBRE

[SERIAL # 03-51 ]

Dear HENRY WEISSBORN - HOUSTON, TX  
I am pleased to confirm that you heard PIRATING WITH CUMBRE on the DXING WITH CUMBRE

**PROGRAM** as follows:

**XMTR SITE:** KUWR - Hawaii - USA

**TIME:** 10:19 UTC . **DATE:** 5-31-03

**FREQ:** 11565 kHz

or piratingcumbre@aol.com

Chris Lobdell [clobdell@attbi.com]

Box 146, Stoneham, MA 02180 USA

73sl.  
CWZ

Giving the winds a mighty voice...

# WYFR

Okeechobee, Florida U.S.A.

1973 • THREE DECADES OF FAITHFUL SERVICE • 2003



**BOLIVIA:** Radioemisora 16 de Marzo

4864.5 my rpt. was sent to the WRTH address for 2003 but it was returned by the Bolivian PO. No reason given.(Field-MI)

**BONAIRE:** Radio Vlaanderen International 15565 f/d "Stadhuis" cd. in 12 ds. for 1 IRC.(Brouillette-IL). 13700 2 f/d cds. of "Stadhuis in Antwerpen" and "Lakenhalle in Ieper" in 21 ds for 1 IRC.(brouillette-IL).



IN THE NAME OF GOD  
Verification Of Reception Report  
Q.S.L

No: 3

Dear: Mark Alexander Humenyk

This is to officially confirm your reception of the voice of the Islamic Republic of Iran

Date	U.T.C		SW		MW	
	From	To	M.	Freq	M.	Freq
July 23	1800			15084		
Aug 8	2115			15790		
Aug 8	2115			17660		
Aug 8	2117			17965		
Oct 9	1932			2595		
Oct 9	1932			11670		
Oct 10	1726			27470		
Oct 10	1726			27730		

Thank you for listening to the English program of the voice of the Islamic Republic of Iran  
Tune in again & keep in touch.

Islamic Republic of Iran Broadcasting  
Add: Vahid-ost Ave., Jame Jam St., P.O. BOX 19395-6767 Tehran-Iran

**BRASIL: Radio Cultura Filelfia**

6105 my rpt. was returned by the Brazilian PO as "cancelled". (Field-MI). **Radio Capixaba 4935 f/d "Logo" cd.** No. 2121 w/ personal ltr. in 115 ds. for a PT rpt. and \$1.00. v/s Jose Valdemar do Prado, Gerente Geral. (Brouillette)

**BULGARIA: Radio Bulgaria 7400 f/d "Rozhen" cd.** w/ schedule, sticker, bookmark and

a sharp looking station pennant in 91 ds. for \$1.00. (Barbour-NH).

**CANADA: NHK Radio Japan 6145 via Sackville f/d "Lady Horikawa" cd.** in 35 ds. Also rcvd. schedule, rpt. forms and station magazine. (Weissborn-TX). **Radio Canada International 17870 via Sackville f/d "Marconi-Fessenden" cd.** in 14 ds. w/ station pennant and schedule. (Weissborn).

**STATION NOTES: Trans World Radio 3200 v/s L. Stautopoulos, Staff Member** Addr: P.O. Box 64, Manzini, Swaziland. **Radio Veritas 3280 via SENTECH Meyerton v/s Fr. Emil Blaser, Director.** Addr: P.O. Box 536 87, Troyeville 2139, South Africa. **Radio Vlaanderen International**

21630 via **SENTECH Meyerton** 21630 Addr: Private Bag X06, Honeydew 2040, South Africa. **South Africa Radio League 17590 v/s Mrs. Kathy Otto.** Addr: SENTECH same as above. **Radio Difusora Pocos de Caldas 4945 v/s Mauricio Beralto, Director Tecnico.** Addr: Rua Rio Grande do Sul 631, 1 andar, C.P. 937, CEP 37701-001 Pocos de Caldas, Brasil... via PLAY DX... Sam.

From the desk of

George L. Glotzbach  
5 Herrada Court, Santa Fe,  
New Mexico, U.S.A. 87508



26 JULY 2001

QSL  
VERIFICATION OF RECEPTION REPORT

STATION: SOLOMAN ISLANDS BROADCASTING CO.

ADDRESS: P.O. Box 654

HONIARA

SOLOMAN ISLANDS

TRANSMITTER: HONIARA

DATE: 19 MAY 2000 FREQUENCY: 5020

TIME UTC: 0808-0820

My DX Reception Report is enclosed. I would be most grateful if you would please sign, date, and seal this note to verify that my report is correct. A small gift and a post paid reply envelope are enclosed.

Thank you, Vielen dank, Muchas gracias, Merci, and 73s.

Signature

Date



**Radio Sweden International 9495 via Sackville p/d cd.** in 14 ds. (Weissborn-TX).

**CHINA, PEOPLE'S REPUBLIC OF: China Radio International 11760 via Kunming f/d "Jinhua" cd.** in 6 mo. (Field-MI)

**CELANESTINE: Voice of Tibet 11975 personal ltr. rcvd.** in 3 mo. w/ a colorful station leaflet on my 4th try. v/s Chophel Norbu, Project Coordinator. (Field-MI).

**CUBA: China Radio International 11720 cd.** in 6 mo. (Field-MI).

**CZECH REPUBLIC: Radio Praha 7345 via Litomysl p/d "Jawa Motorcycle" cd.** in 14 ds. w/ schedule and station stickers. (Weissborn-TX).



台北國際之聲  
Radio Taipei International

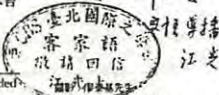
茲證明 SAMUEL BILGOU 於一九九九年國際廣播時間 10月31日 11時 00分至 11時 10分，以呼號 344 頻率，在美國 收聽本台播送之節目，所授報告與本台播出內容完全相符。謹此致謝。

This is to verify that your reception report (in program on kHz (m)) to UTC on corresponded with our station log of the same day. Thank you for your interest. Further reports are welcome.

中橫民間台北郵政24-30號信箱  
P.O. Box 24-38, Taipei,  
Taiwan 106, Republic of China  
Postfach 800663, D-63136 Bonn 2, Germany  
Tromel Fax 1024, Surabaya 60008, Indonesia  
HỘP THƯ SỐ 104 HÀ NỘI - VIỆT-NAM.

先生您好：  
希望您的看得懂華文，也請  
繼續收聽我們與您節目。

祝萬事吉祥如意



Ph. Chia Ching, or a troupe of fearsome warriors  
A parade of fearsome warriors in red of the most common and eye-catching scene in most temple fairs in Taiwan. The imposing warriors, dressed up by men in ancient costumes, evoke an aura of awe, mystery and solemnity.

ECUADOR: HCJB 9745 p/d ltr. in 22 ds. for 1 IRC. v/s Luigi Cobisi This was for a rpt. on the EDXC Report on the "DX Party Line" program. Addr: EDXC HQ, Box 18120, 50129 Firenze, Italy. Also rcvd. EDXC Club info and a Radio Vatican sticker. (Weissborn). Radio Maria 3280 via La Voz del Napo personal ltr. in 4 mo. w/ map and religious materials. v/s Michelle Martinez. (Field) Radio Oriental 4780

f/d prepared cd. w/ p/d ltr. thanking me for the enclosures. Rcvd. colorful station sticker and a pamphlet on the city of Tena in 99 ds for a SP rpt., rp and SASE(not used). v/s Enrique Espin Espinosa,

**STATION NOTES: Casablanca 3985 via IRRS NEXUS** Addr: Casablanca, Ringstrasse 9, DE-26826 Stapelmoor EMS, Germany. **East and West Radio 7120 via IRRS NEXUS** Addr: P.O. Box 100 621, DE-45806 Gelselkirchen, Germany. **International Music Radio 13840 via IRRS NEXUS** Addr: Yves, P.O. Box 1951, DE-79554 Weil AM Rhein, Germany. **Radio Rasant 3985 & 13840 via IRRS NEXUS.**

Addr: Stadtische Realschule Sundern, Rotbuschweg 28, DE-59846 Sundern, Germany. **Radio Santec 7300 via Ekaterinburg** v/s Mrs. Johanna Limley, Secretary. Addr Post Fach 5643, DE-97006 Wurzburg, Germany **Bible Voice Broadcasting 7430 via Samara** v/s Mrs. Liz Thompson, Assistant. Addr: P.O. Box 2801, Eastbourne BN21 2EQ, England..... via PLAY DX.....Sam.

Gerente-Proprietario. The QSL was dated Feb. 20 in Tena but it was postmarked April 8 in Quito. (Sgrulletta-NY). **EL SALVADOR: Radio Imperial 17835 f/d ltr.** w/ f/d certificate in 67 ds. for a SP rpt. and \$1.00. v/s Nubia Ericaka Garcia, Administradora. (Brouillette-IL). black and white, freq. only personalized photo copy of "Otorga el Siguiente certificado" w/ personal ltr. in 52 ds. for \$2.00. (Barbour NH).

**ENGLAND: British Forecs Broadcasting Service** 15530 and 12040 p/d map cd. in 3 mo. for

Voice of Russia, Chinese Section  
Dom Radio, Room #504  
Lenina St. 4 Khabarovsk  
680620 Russia

5 Herrada Ct.  
Santa Fe, NM 87505-8791

Dear Mr & Mrs George L. Glatzbaeh  
We received your report and souvenirs.  
Thank you very much!

We should inform you that we don't broadcast in English from Khabarovsk. You can hear the transmissions in English from Moscow in the following frequencies and time:

Frequency	Time (Moscow)
17655	10.00-11.00
11695	18.00-19.00, 20.00-23.00
17660	07.00-09.00
15395	05.00-09.00
17625	09.30-11.00
17565	07.00-09.30
17570	07.00-09.30
15455	07.00-09.00
17650	07.00-09.00
15520	05.00-09.00
17655	05.00-11.00

We also send you our verification card and stamps.

Thank you for your letter.  
The Staff of the Central Desk of Broadcasting from Khabarovsk  
R.SBC "Voice of Russia"

SASE and rp. (Sgrulletta-NY).

**EUROPIRATE: Radio Spaceman**

\* 6305.9 f/d cd. in 42 ds. for \$2.00. Also rcvd. personal ltr., station info. and pictures. Addr: S. Man Box 73, NL-7160 Neeede, Netherlands. (Comeau-MA).

**FRENCH GUIANA: Swiss Radio International** 11905 cd. in 4 mo. (Field-MI). **China Radio International** 13685 via **Montsinery** p/d "Jinggang Mountains" cd. in 26 ds. for a SP rpt. Also rcvd. ltr., paper cuts and stickers. (Weissborn-TX).

**GERMANY: Deutsche Welle** 6045 via **Wertachtal** f/d "Sines Relay Station" cd. in 49 ds for 1 IRC. Also rcvd. ltr. from Silke Broeker, DW Tech Advisory Service. (Brouillette-IL). **Deutschlandfunk** 6190 f/d "Boys w/ Antique Radio" cd. in 41 ds. for 1 IRC. (Barbour-NH). **Gospel For Asia** 9765, 15680 and 15425 via **Wertachtal** separate cd. was rcvd. for each freq. v/s Rhonda Penland. Most complete cd. I've seen in quite a while. (Field-MI). 15425 f/d cd. in 98 ds. Ltr. and business cd. rcvd. (Comeau-MA). **IBRA Radio** 9405 via **DTK Julich** f/d cd. in 1 mo. w/o site. (Field-MI). **Bible Voice**

**ARMENIAN NATIONAL RADIO  
VOICE OF ARMENIA**

Also Macgregor st. 5, Yerevan 23, Republic of Armenia  
Tel (374-2) 131 800, Telex (374-2) 570070, 554761, 523630



20.02.2000.

Dear Sir, Madam, George J. Grotzbach 3/11/61

Address: 5 Herrada Court, Santa Fe  
New Mexico, U.S.A. 87505

Dear Friend,

We've got your letter addressed to our editorial.  
Thank you for your interest and sympathy having displayed towards our station.

We've responded to your letter during the "Our Mail Box" program.

We present you our programme-schedule and the QSL card, with

December 31, 1999

Dearest Mr. Mrs. George Grotzbach

Thank you very much for your letter. It was indeed Radio Ethiopia.

Enclosed herewith, you will find our current broadcast schedule & sticker.

Your comments and suggestions or criticisms concerning our daily transmissions are always welcome.

Do keep in touch.

Sincerely yours,  
Wahshut Woldygo (Miss)

Audience Relations & Program  
EXCHANGE SERVICE Secretary

**Qatar** 7210 v/s Jassim Mohammed Al-Qattan, Head of Public Relations. Addr: P.O. Box 3939, Doha, Qatar. **Radio Romania International** 7245 Addr: P.O. Box 111, ROU-70756 Bucharest, Romania. **Radio Laser Hot Hits** 6219 Addr: P.O. Box 293, Merlin, Ontario N0P 1W0, Canada...via PLAY DX.

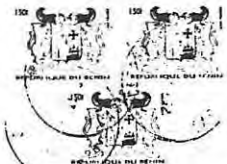
Broadcasting 13725 via **DTK Julich** f/d "Globe and Logo" cd. in 15 ds.

for \$1.00. My rpt. was sent to the Toronto addr. (Barbour).

**GUAM: KTWR Trans World Radio** 9465 f/d "Watercolor card #225" from the JSWC in 3 1/2 mo. for SASE (returned) and \$1.00. v/s T. Yasuda. Also rcvd thankyou note from Nobuya Kato. (Sgrulletta-NY).

**GUATEMALA: TGM Radio Buenas Nuevas** 4800 f/d prepared cd. w/

Cotonou, le 24/10/98  
**Mr. SAMUEL BARTO**  
Nous avons le plaisir de vous confirmer votre rapport d'écoute de SASE du 10/09/98 et 21/06/98 et vous remercions de l'intérêt que vous portez à l'écoute de notre station.



M. SAMUEL L. BARTO  
47 Prospect Place  
Bristol, Connecticut  
LISA 06010

Meilleures Salutations  
La STATION NATIONALE de TORTI COTONOU émet aux heures GMT + 1 sur les longueurs d'ondes et les fréquences indiquées ci-après :

LUNDI, MARDI	de 05 H 30 à 10 H 00 et de 17 H 00 à 0 H 00 203 m (1475 KHZ) et 61,80 m (4870 KHZ)
JEUDI, VENDREDI	de 12 H 00 à 16 H 30 203 m (1475 KHZ) et 61,80 m (4870 KHZ) de 05 H 30 à 10 H 00 et de 17 H 00 à 0 H 00 203 m (1475 KHZ) et 61,80 m (4870 KHZ)
MERCREDI	de 12 H 00 à 16 H 30 203 m (1475 KHZ) et 61,80 m (4870 KHZ)
SABED, DIMANCHE ET JOURS FÉRIES	de 07 H 00 à 09 H 55 et de 17 H 00 à 0 H 00 203 m (1475 KHZ) et 61,80 m (4870 KHZ) de 10 H 00 à 16 H 30 203 m (1475 KHZ) et 61,80 m (4870 KHZ)

station cd. in 5 wks. for a taped rpt., ms. and SAE. v/s Irael Rodar. (Sgrulletta-NY). Radio Cultural Coatan 4780 n/d ltr. in 259 ds. for a SP rpt. and \$1.00. v/s Tomas Miguel Sebastian, Director. (Brouillette-IL). HONDURAS: Radio Litoral 4932 p/d cd. w/ f/d prepared cd. in 4 1/2 mo. for a taped rpt. and \$2.00. Also rcvd. program guide and station info. sheet. v/s Eduardo Bonifacio C. (Sgrulletta-NY).

ITALY: RAI International

n/d cd. w/ schedule (Barbour-NH).

JAPAN: Radio Tampa / Nihon SWBC Corporation 9595 and 6055 f/d "Kabuto Station" cd. in 30 ds. for 2 IRCs. (Barbour-NH). Radio Canada International 9660 via Yamata f/d "Nunavut" cd. w/ station sticker in 14 ds. (Weissborn-TX).

LITHUANIA: Radio Vilnius 7355 cd. in 2 mo. on my second try. (Field-MI).

STATION NOTES: Radio Vlaanderen International 15195 via Krasnodar Addr: B-1043 Brussels, Belgium. Radio Vatican 12055 via Chita Addr: 00120 Citta del Vaticano. Radio Saint Helena 11092 v/s Tony Leo, Chief Engineer. Addr: Puncneys, Saint Helena, Atlantic Ocean. Radio UNAMSIL 6137 v/s Mrs. Sheila Dallas, Station Manager. Addr: c/o Mammy Yok Hotel, P.O. Box 5, Freetown,

Free Radio Service Holland



Subj: Re: Reception Report

Date: Tue, 23 Oct 2001 5:41:43 PM Eastern Daylight Time

From: Peter Verbruggen <peter.verbruggen@tip.nl>

To: Rdangelo3@aol.com

Hi,

Sorry for the delay! Tax for your Email. P. O. Box 2702 in 6049 BE Heren, the Netherlands is the correct one!

A rec. report (snailmail) would be highly appreciated! FRS will start tests within 19 metres. You will be automatically informed about any future activities. your Email add is stored in our computer.

Nov. 11th we will be celebrating our 21st birthday.

73x, PV



Казань. Национальная библиотека РТ

Dear listener, Richard A. D'Angelo

We verify your reception report

Date: September, 16th, 2001

Time: 04:00 - 04:58 UTC

Frequency: 11665 MHz

Transmitter: via Samara - city

VOICE OF TATARSTAN

QSL Manager: AS (Ildus Ibarullin)

Фото Ю. Филанского

© ITSMI, Kazan, Izdavnicheskoe, 2, 1999, str. D-029

Richard A. D'Angelo

Wyomissing

USA

MOROCCO: Voice of America 17895 cd. in 1 mo. (Field-MI).

MYANMAR: Radio Myanmar 4725 n/d ltr. w/ Media Index and program schedule in 168 ds. for 1 IRC. v/s Ko Ko Htway, Director of Broadcasting. Nice stamps on envelope. (Barbour).

NEWFOUNDLAND: CKZN 6160 f/d cd. w/ CBC Frequency guide, very friendly ltr. in 38 ds. v/s Keith Durnford, Transmission Supervisor. (Barbour-NH).

PERU: Radio Macedonia 4890 n/d \* e-mail response in 3 wks. from Chris and Andrea Gardner (Sgrulletta-NY). Radio Virgen del Carmen 4886.7 f/d "Maroti" QSL w/ p/d ltr. in 2 wk for ms. and SAE (neither was used). Also sent \$1.00 and a tape recording. Addr: Plaza Bolognesi No. 142, Cercado, Huanavelica. Also signing the cd. was Bishop William

Molloy McDermott, President of Radio Virgen. He added a personal note in EG so quite possibly an EG report to this station may get a reply. (Sgrulletta-NY).

Radio Altura 6480 and 7560 cd. was received with the assistance of Mr. Nozaki who visited the station. (Field-MI).

POLAND: Radio Maryja 7400 f/d ltr. w/ station history and transmitter site as Samara, European Russia in 1 mo. for \$2.00. v/s Malgorzata Zaniewska. I sent the station a tape of their program and received 2 stickers and some religious pamphlets. (Sgrulletta-NY). Radio Polonia 11820 f/d cd. in 2 mo. Addr: Radio Polonia, 00-950 Warsaw, P.O. Box 46, Poland. (Wood-TN).

RUSSIA: Trans World

Radio 15580 via Irkutsk personal ltr. was rcvd. from the Indian address after two unsuccessful tries and

STATION NOTES: Radio Likedeeler

7490 Addr: P.O. Box 73, NL-7160, AB Neede, Netherlands. Radio Marabu 6210 Addr: P.O. Box 1166, DE-49187 Belm, Germany. Radio Metropolis 11440 via Radio Cochiquaz v/s Roy Clark, DJ. Addr: P.O. Box 100 621, Gelsenkirchen, Germany. Radio Mi Amigo 7452 Addr: P.O. Box 101, NL-7670 AC Vriezenveen, Netherlands. Radio Scotland International 6270 Addr: P.O. Box 85, NL-9410 AB Beilen, Netherlands. Radio Space Shuttle International 6270 Addr: P.O. Box 2702, NL-6049 ZG Herten, Netherlands.

Radio Wave 6210 v/s Peter Hills. Addr: P.O. Box 130, FR-92504 Rueil-Cedex, France... via PLAY DX.... Sam.

a report to the Austrian address. (Field-MI).

SIERRA LEONE: Radio UNAMSIL 6140 nice 2 page ltr. w/ freq. only in 89 ds. v/s Sheila Dallas, Station Manager and Executive Producer. Also rcvd. program schedule and a very nice T-shirt. She says that the station has received more than 100 reception reports from around the world. Verie pleased w/ this one. (D'Angelo-PA).

SOUTH AFRICA: Radio Sonder Grense 3320 f/d "SENTECH" cd. in 75 ds. for 1 IRC. Schedule was rcvd. v/s Kathy Otto. (Brouillette-IL).

SPAIN: China Radio International 9690 cd. in 6 mo. (Field-MI).

SWEDEN: Radio Sweden International 17505 f/d white cd. w/ schedule in 15 ds. for an e-mail rpt. This was for a test transmission. (Barbour-NH). 18960 QSLed

40 AÑOS  
via Barbour  
RADIO MAYA

T. G. B. A.  
102.1 FM. 3325 Kcs.



Engratado sea Dios  
Sol 704

BARILLAS  
Huchne

2 DE  
MAYO  
2002



Tocando mangarare  
Playing mangarare (musical instrument)  
Rocío del Pilar Pineda M. HIPOLITO UNANUE, rio  
Lercio - Peru



RADIO LA VOZ DE LA SELVA,  
CONFIRMA QUE SU INFORME DE  
RECEPCION LADO "B", DEL 20  
DE SEPTIEMBRE, DE 04.51 a  
05.22 hora DE PERU, EN LA  
FRECUENCIA 4825 KHz, CON 10  
KW DE POTENCIA, SON EXACTOS.

PROCESADORA de Ingresos - Peru

JOHN SGRULLETTA  
337 Sallet Hole Road  
MAHOPAC,  
New York 10541-2605  
United States of America

Iquitos, Octubre 2001

Julia Jauregui Rengifo

special "Bandy Broadcast"  
w/ f/d cd., schedules and  
a booklet about the Swe-  
dish Broadcasting Corpora-  
tion in 32 ds. (D'Angelo)  
**TINIAN ISLAND: Radio Free**  
Asia 17560 usual form ltr  
except there was a refer-  
ence to the freq, date &  
time of reception. (Field)  
**TURKEY: Voice of Turkey 9655**  
f/d "Birds" cd. in 29 ds.  
for 1 IRC. (Brouillette).  
9830 and 11960 f/d "Istan-  
bul" cd. in 37 ds. for 1  
IRC. (Brouillette-IL).

**STATION NOTES: Radio Educacao Rural de Limeira** 2380 v/s Bruno A. Bortolan, Gerente Geral. Addr: Caixa Postal 105, CEP-13840-970 Limeiras, SP, Brasil. **Radio Gazeta** 9685 v/s Benedito Leite Da Costa, Diretor Tecnico. Addr: Avenida Paulista 900, 4 andar, CEP-01310-940 Sao Paulo, SP, Brasil. **Radio Diffusion Nationale de Burkina** 5030 v/s Tahere Ouedraogo, Chef de Service des Programmes. Addr: 03 Boite Postale 7029, Ouagadougou, Burkina Faso. **Radio Minsk** 7210 v/s Elia Dohel. **Radio Nederland Were-  
lomroep** 5835 Addr: P.O. Box 222, NL-1200 JG, Hilversum, Holland. **Radio Austria Internat-  
ional** 17865 Addr: Argentinierstrasse 30, A-1040 Wien, Austria.....via PLAY DX... Sam.

RadioAFRICA  
INTERNATIONAL  
E-mail: radioaf@comcast.org

Dear

*Samuel Barto*

This is to confirm your reception of Radio Africa International

Frequency: *9825.0* Date: *Jan 7/01* Time: *0422*

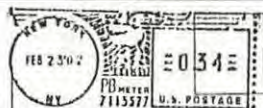
Comments:

*Thank you for listening*

Dorina Niermann  
Executive Producer

Raphaël Mbandinga  
Associate Producer

Executive Director  
Dr. Randolph W. Nugent  
General Secretary  
General Board of Global 9999999



Samuel Barto  
47 Prospect Place  
Bristol, CT 06010  
U.S.A.

**UKRAINE: Radio Ukraine International** 5905 via **Taranivka** f/d "Golden Dome Monastery" cd. in 1 mo. w/ schedule. (Barto-CT).

**USA: WTNI** 1640 f/d plain paper ltr. in 6 wks. v/s Joel Robertson, Chief Engineer. Addr: Triad Broadcasting, P.O. Box 4566, Biloxi, MS 39535. (Sgrulletta-NY). **Voice of America** 9775 via **Greenville** for a 2001 rpt. It seems the DC office sent John Vodenik a box of mail in which he found my cards. He wrote them out and forwarded them to me. Noce gesture. (Field-MI). **WKSH** 1640 **Radio Disney** f/d ltr. in 2 wks. w/ stickers. v/s Deb Bratel, Station Manager. (Barto-CT). **WINE** 9319.9 f/d cd. in 3 wks. w/ schedule. v/s Fred W. Wise. (Barto-CT). **Talking House Radio** 1610 Bristol, CT photo QSL...I figure if I can get close enough to get a photo, I'm close enough to hear the station. (Barto-CT).

04:00-09:30 — FRENCH — 11.045 & 9.830

RadioAFRICA INTERNATIONAL

FRANÇAIS — 11.045 & 9.830

ENGLISH — 11.725 & 13.820

17:00-18:30 — ANGLES — 11.725 & 13.820

**WRMI Radio Miami International** 15725 photo cd. of US stamp in 1 mo. v/s Jeff White. (Field-MI). **WHKT** 4950 f/d "Certificate" w/ freq. as 4950 kHz on the QSL. Quite surprised that a US station would admit a harmonic reception. (Barto-CT).

**USA (Pirates): Big Thunder Radio** 6925 f/d cd. in 17 ds. for an e-mail rpt. v/s Papa Doc and Sapphire". (Wood-TN). **Iron Man Radio** 6925

f/d cd. in 8 ds. Addr: P.O. Box 1, Belfast, NY 14711. The artwork included pictures of Sean Connery, a voodoo doll and a riding lawnmower. (Wood-TN). **Buckwheat Radio** 6955 n/d e-mail reply in 6 ds. for a rpt. to buckwheatradio@hotmail.com. (Barbour-NH). **Montana Audio Relay Service (MARS)** 6950 f/d QSL sheet in 191 ds. for \$1.00. Addr: Merlin PO drop. (Comeau-MA). same in 6 mo. (Field-MI).

**VATICAN: Radio Vatican** 17515 f/d "Palazzina Leo XIII" cd. w/ stickers and schedule in 5 wks. (Barto-CT).

**VIETNAM: Cao Bang Broadcasting Station** 6500.5 f/d cd. in 7 wks. w/ schedule and station pennant.

(Barto-CT). **Lai Chau Broadcasting Station** 4796 QSLed via Hanoi w/ standard f/d "Radio Voice of Vietnam Map" cd. in 78 ds. (D'Angelo-PA). **Lai Chau Broadcasting Station** 6380.7 f/d cd. in 7 wks. (Barto-CT)

**STATION NOTES: Rock It Radio** 6900

Addr: P.O. Box 5617, Ventura, CA 93005. **Radio Omroep Zuid** 21890

P.O. Box 2702, NL-6049 ZG Herten, Netherlands. **Titanic** 6305 Addr:

Tulpstraat 10/a, NL-2223 HS Katwijk, Netherlands. **Tower Radio** 7475 Addr: Post Bus 49, NL-7475 ZG Markelo, Netherlands. **Alfa Lima International** 15070

Addr: Box 663, NL-7900 AR Hoogeveen, Netherlands. (Station had a major raid recently...not sure if address is still valid). **Andino Relay Service** 6880 Addr: P.O. Box 159, Santiago 14, Chile....via PLAY DX...Sam.

Well, I guess that is for this issue of the QSL Column. I'm a little surprised that we got a full column seeing this is the summer vacation period....Sam.

*Sam*

**DIRECTORATE GENERAL ALL INDIA RADIO.**  
A.V. BHAWAN, SANSAD MARG,  
NEW DELHI-110001, INDIA.

No. 3/112001/Elit/1172 Dated 23-7-2001

Dear Sir/Madam,

We gratefully acknowledge and firm your Reception Report.

Date 14-7-1998 Frequency 4820 kHz  
Time 1544 UTC Station CALCUTTA

Yours Faithfully,  
(i) *A.K. BHATNAGAR*  
Director (Freq. Assignments)  
(A.K. BHATNAGAR)

O.I.G.S.



MR. EDWARD L. TILBURY

P.O. Box 90, 914 ANCHORAGE,

ALASKA 99509

U.S.A.

MDR Radio in Germany



info

## RADIO REPUBLIK INDONESIA

Studio Pontianak

Pontianak 78117, Kalimantan Barat, Republik Indonesia

**QSL**

Ini membenarkan laporan tuan dari Radio Republik Indonesia, Studio Pontianak siaran pada gelombang 75.45 meter atau frekwensi 3.976 kHz, pada 28-May 2001, dari 21.09 sampai 21.41 Waktu Indonesia Bagian Tengah

Banyak terima kasih untuk laporan tuan.

Manager Seksi Siaran,

*ST. RUDDY ENDANG*

Pimpinan atau Kepala Studio



# Net Notes

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

Liberia is in the news, but not on the net. Searches for government, media, broadcasting and print turn up precious little information. President Charles Taylor continues to run amuck. Kim Elliott and I suggest you check [allafrica.com](http://allafrica.com) and the BBC News Country Profile at [news.bbc.co.uk/1/hi/world/africa/country\\_profiles/1043500.stm](http://news.bbc.co.uk/1/hi/world/africa/country_profiles/1043500.stm). Iraq made headlines too. In addition to the killing of Uday and Qusay Saddam Husain, stories featured on the Fox News Channel (cable news) on July 22 reports telephone conversations and faxes are no longer monitored, and at least a dozen Internet cafes are scheduled for opening in the near future.

The Iraqi News Agency Web site [www.uruklink.net/iraqnews](http://www.uruklink.net/iraqnews) has disappeared, at least for now. The server itself is now the host to eight Iraqi newspapers, publications and news sites; all are in in Arabic.

Amongst the buttons I found were three Arabic language audio channels: Radio Sawa ([www.radiosawa.com](http://www.radiosawa.com)); Radio Monte Carlo Moyen-Orient ([www.rmc-mo.com/ar](http://www.rmc-mo.com/ar)); and the BBC Arabic Service ([www.bbc.co.uk/arabic/gulf28.ram](http://www.bbc.co.uk/arabic/gulf28.ram)).

BBC Monitoring reported that [uruklink.net](http://uruklink.net) had disappeared from the Internet just before the fall of the regime on April 9. (via Elliott)

The Library of Congress has Portals to the World at [www.loc.gov/rr/international/amed/iraq/iraq.html](http://www.loc.gov/rr/international/amed/iraq/iraq.html); at Librarian' Index to the Internet, a theme collection on Iraq at [lii.org/warandpeace](http://lii.org/warandpeace).

Kim writes "... for news about Iraq, the best sources in English are probably BBC World Service [www.bbc.co.uk/worldservice](http://www.bbc.co.uk/worldservice) and the RFE/RL Iraq Report [www.rferl.org/iraq-report](http://www.rferl.org/iraq-report).

On other items, Kim noted: "The U.S. General Accounting Office recently issued a report "U.S. International Broadcasting: New Strategic Approach Focuses on Reaching Large Audiences but Lacks Measurable Program Objectives" [www.gao.gov/cgi-bin/getrpt?GAO-03-772](http://www.gao.gov/cgi-bin/getrpt?GAO-03-772).

"The GAO report includes some criticism of the Broadcasting Board of Governors (BBG), which supervises VOA, RFE/RL, Radio Free Asia, Radio Sawa, and Radio Farda.

"Recent accusations that U.S. satellite broadcasts to Iran were jammed via Cuba also received much attention in the press. One of these news reports identified Transmitter Locations Systems LLC of Chantilly VA as the company that located the satellite jammers. The company's website is [www.tls2000.com](http://www.tls2000.com).

"In addition to satellite broadcasts, websites are also blocked as they attempt to cross national boundaries. Representative Christopher Cox (R-CA) introduced legislation to create a new bureaucracy, the Office of Global Internet Freedom. Details at [www.businessweek.com/technology/cnet/stories/1026690.htm](http://www.businessweek.com/technology/cnet/stories/1026690.htm).

"This topic has also been addressed by the World Press Freedom Committee at its Internet Press Freedom Conference, held in June in New York. A report from that conference is at [www.wpfc.org/index.jsp?page=Internet%20Press%20Freedom%20Conference](http://www.wpfc.org/index.jsp?page=Internet%20Press%20Freedom%20Conference).

# Contributors' Page

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

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## DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA	NRD-545 AOR AR-7030 100' LW
Scott BARBOUR, Intervale, NH	ATS 818, RS antenna system
BARRACLOUGH, UK	No equipment listed
Jerry BERG, Lexington, MA	R8A 165' LW
Rich D'ANGELO, Wyomissing, PA	Drake R8B, Lowe HF-150, DX Sloper
Jill DYBKA, Kingston Springs, TN	DX-440, G5RV
Bob FRASER, Cohasset, MA	Sony ICF-2003 ICF-SW100S 2m LW
William McGUIRE, Cheverly, MD	DX-380
Bob MONTGOMERY, Levittown, PA	NRD535D, R390A, HF150, SE3, active antenna
Stephen PONDER, Houston, TX	RF-3100, ATS-803, Grove Tun-3, roll-up ant.
Daniel L. SREBNICK, NJ	no equipment listed
Bob WILKNER, Pompano Beach, FL	no equipment listed

Not too many contributors this month but with summer in full swing and static crashes ready to rip your ears out, its no wonder. Maybe next month will be better. I recently learned that FEBC has given up the QSL business. Sad to see so many stations leaving the air waves. But still many out there to DX. So send the logs in and we will add them to the list.

73

Bob Montgomery



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## On the Short Waves by Jerry Berg


<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, June 29, 2003—Under "CPRV," "QSL Gallery," some "new" amateur radio QSLs: Brazil, PY2EJ, 1936; China, C1CH, 1947, and XU1B; Ecuador, HC2HP, 1938; Nazi Germany DX Contest, DJDC, 1936; Spain, EA2BT, 1936; and U.S. QSLs W3BLZ, 1BGQ (1924), 9DTE (1928), and 2WC (1927).

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, July 6, 2003—Under "Articles, Research, etc.," "Pot Pourri," we have expanded the material on the Newark News Radio Club with another history, this one written on the occasion of the club's 40th Anniversary in 1967. The first two pages are nearly identical to the first two pages of the 25th Anniversary history (1952) that we posted earlier. The rest is new material, and covers the story from 1952 to the mid-1960s. Also shown is an item from the October 1977 NNRC Bulletin written at the time of the club's 50th Anniversary celebration in Newark. This is less a history than a musing, with some interesting thoughts about the future. (The NNRC closed its doors in April 1982.)—Irving Potts was the President and guiding light of the NNRC from 1928 until he passed away in 1962, and we have included his newspaper obituary which focuses on his NNRC activities.—Finally, thanks to longtime NNRC member Reuben Dagold for sending along a photo of the Baltimore contingent taken at the summer 1956 NNRC Convention. Those shown are, L-R: back row, Reuben Dagold, Matt Zahner, Carroll Weyrich and Bill Bauer; front row, an unknown NNRCer at the left, and Mario (Matt) Stutterheim at the right. Old time NNRCers will surely remember these names.

# Tropical Band Loggings

Dan Ferguson • 12053 Kahns Road • Manassas, VA 20112 • troplogs@zerobeat.org

- 2859.9 UNID weak or absent 0850-1030, strong 0100, "Radio Cultural..." ID's (Wilkner-FL)
- 3290 GUYANA GBC(pres.) 0338-0401 7/18 SS w/ tlks, lite pop and reggae mx, Pips at ToH, BBCWS really? Audible w/ rough copy, very noisy. (Barbour-NH)
- 3291.1 GUYANA VOG 0840-0950 local news, ID's by M, fair signal (Wilkner-FL)
- 3291.12 GUYANA GBC/VOG 0843-0920 subcontinental music mixed w/C&W, "Good morning the time in Georgetown is... Congratulations to Mr and Mrs ....on the ...anniversary.. Good morning to all of our wonderful listeners ..very happy Birthday to ... and his family in Orlando Florida..... (Wilkner-FL)
- 3300 GUATEMALA R Cultural 0445 7/4 unusual version of Amazing Grace, then MSS, poor (Sreblick-NJ)
- 3320 SOUTH AFRICA R. Sondergrense 0248-0305 6/6 EE/Afrikaan. EE & Afrikaan dance mx. M w/prg. ID "This is The Unit" at ToH, ment. of "FM". 5 minute nx bulletin re S.Africa, Zimbabwe and USA, followed by Polka style mx. Fair. (Barbour-NH) 0302-0316 6/18, man with news in Afrikaans followed by pop vocals from 0305. Fair signal but usb and 2.3 filter needed to sidestep RTTY. (D'Angelo-PA)
- 3329.68 PERU Ondas del Huallaga Huanuco 1015 W w/several ments "Santa Cruz" (Wilkner-FL)
- 3955 UNITED KINGDOM? WYFR via Skelton(?) 0401-0419 7/18 GG & SS w/end of "Oakland, CA-USA" address, M w/ long tk, choral mx 0412, tk resumes at 0417. Fair tho QRN, QRM via "hams" and "data" bursts. (Barbour-NH)
- 3995 GERMANY DW Wertachtal 0310 7/3 GG nx, short DW ID 0311; weak. (Ponder 7/3)
- 4052 GUATEMALA R. Verdad 0451-0511 7/11 SS, cont. rel ballads, M brief tlks between songs. Fair/good. (Barbour-NH)
- 4716.76 BOLIVIA R. Yura 0058-0115 6/30 very slow romatic type tunes. S 1 signal level but audible. Little fading. W anc 0107, short talks but too muffled. Possible id at 0110 but station apparently having modulation problems as announcer not understandable where as the mx is fair to poor sound quality. Again at 0114. (Montgomery, PA)
- 4731.62t BOLIVIA R. La Palabra 0000-0010 7/18 only, brief appearance which might indicate transmitter problems, sudden off, weak signal. (Wilkner-FL)
- 4760 LIBERIA ELWA Radio 2205-2231\* 6/4 EE contemporary rel mx and ballads; s/off anmts & NA. Fair/poor. (Barbour-NH)
- 4799.81 GUATEMALA R. Buenas Nuevas 0225-0231\* 7/4 end SS anmts, IDs; short mx bridges. S/off with lite instr mx. Fair. (Alexander-PA)
- 4800 GUATEMALA TGMI R. Buenas Nuevas Huehuetenango in SS 0223 w/gospel music, ID 0230 7/3 "Desde Huehuetenango, Guatemala, Centro America, TGMI Radio Buenas Nuevas transmitido en la frecuencia de 4800 kilociclos, banda de 60 metros ..." Also mentioned an FM outlet -- "... frecuencia modulada ..." -- but could not make out the call or frequency. (Ponder)
- 4800 LESTOHO R. Lesotho 0309-0411 7/12 Sesotho?, Continuous local music w/ M tlks between songs, extended tlks from 0334-0340, Lesiba IS 0400, SS nx, back to mx 0410; good at t/in, gradual fading, poor at t/out. (Barbour-NH)
- 4815 BRAZIL Rdif Londrina 0247-0258\* 6/19 W vocal, M PP tk, ID; tuned away briefly but gone at re-check so presumed signed off. Fair. (D'Angelo-PA)
- 4820 BOTSWANA R. Botswana 0215-0326 7/1 app on early w/M hosting px of local music, lively talks in Setswana and mentions of Gaborone. IDs 0242 & 0253; special occasion? Fair. (D'Angelo-PA)
- 4856.01 PERU R. La Hora 0120-0230+ OA folk mx. IDs. Mentions of Cusco. Weak. (Alexander PA 7-6)
- 4890 GABON RFI 0359 mx, 0400 Time tones, ID, M tk/FF, heavy QRM (Sreblick-NJ 7/4)
- 4890 PAPUA NEW GUINEA NBC Port Moresby 0940-1010 6/12. Its been some time since last hrd but nice copy this a.m. with R. Macedonia, Peru in the back ground. NBC mostly in pidgeon language. R. Macedonia mostly choir mx. Id hrd for PNG at 0950 then into the news. S5 signal level with slight fades. (Montgomery, PA)

- 4910 **ZAMBIA ZNBC** 0250-0305 6/27 Vern. Fish Eagle IS, NA, Drums w/ M tlks over Afropop style mx, re "programmes". ID as "Radio Zambia, Radio 2" and ment. 5915 kHz. "ZNBC" ID at ToH and presumed phone number, followed by talks and lite mx. Good, booming signal w/ mild prop. QRN. Also noted the day before, on this frequency, with s/off anmts and NA. (Barbour-NH)
- 0253-0320 6/27 IS, Fish Eagle started 0249; NA 0250; drums, W ment R.Zambia. M px anmts in local language. 0255 some very good African mx. Excellent copy. Phone number given at 0253. Checked 6265 and nothing hrd. Tnx David Ross. Conditions poor this evening but have to think this freq is an improvement over the 6265 as had become difficult reception of late. (Montgomery, PA) 0258-0305 "Fish Eagle into chorale presentation, drums then later African Pops. (Wilkner-FL) \*0246-0320 6/27, familiar Fish Eagle IS until choral NA 0250. After drums, M ancr w/ID, s/on. Lot's of fast talk in something close to English with drum music with 5915 kHz mentioned. 0300 px of highlife vocals began. Fair.(D'Angelo-PA)
- 4915 **GHANA GBC** 2252-2400 6/28 M EE w/call in phont numbers 2249 in the middle of a mx program. S5 with fades but very nice copy. Taking calls at 2255 in non-EE format. Male ann using EE. gave time as 4 minutes to 11 at 2256. Phone number given again as 22147-2219 Signal falling apart with freq fades and the ever present sweeper at 2310. (Montgomery, PA)
- 4950 **ANGOLA R. Nacional** 2321-2330 7/9 PP. M w/ mx and tlks interrupted by frequeunt data bursts. Fair. (Barbour-NH)
- 4950 **ANGOLA R. Nacional Angola** 0000-0020 6/30 4 time pips hrd at toh; then M ancr w/poss ID, into nx. M PP ID 0003 as R. Nacional Angola; then mx, Interesting cross section of pop mx in different languages. (Montgomery, PA)
- 4960 **SAO TOME VOA** 0401 7/4 Nx in Eng., heavy QRM (Srebnick-NJ)
- 4965 **ZAMBIA RCV** 2304-2319 7/9 EE contemporary rel. ballads, M ancr, ID. Audible, tho poor w/ het. (Barbour-NH)
- 4976 **PERU R. del Pacifico** 0334-0348 6/8 SS; M w/rel tlks w/several ment's "Diablo", quite emotional at times. Poor w/ annoying het.(p) co-ch. R.Uganda. (Barbour-NH)
- 4976 **UGANDA R. Uganda** 0303-0313 6/27 Carrier noted at 0230 till toh. Short IS and to W ancr EE ID 0301 then to a male ancr 0303 and a rooster crow hrd and some birds in the back ground as he gave program details. Difficult copy with noise or het on same freq. Then to mx program. S 3 signal level. I am uncertain when the IS started as checked other freq at that time. Carrier appeared stronger before s/on however. (Montgomery, PA)
- 4985T **BRAZIL R. Brasil Central** 0131-0145 6/29 Interesting Big Band mx program at tune in. Must be a Saturday evening thing. M PP ancr Portuguese language with talks and mx in back ground. (Montgomery, PA)
- 5009.68 **DOMINICAN REPUBLIC Radio Cristal** \*1028-10407/11 NA, "la emisora Radio Cristal..en todos el pais....transmite ...", many ments de Santo Domingo. "Esta es Radio cristal..." (Wilkner-FL)
- 5010 **MADAGASCAR Radio TV Malagasy** \*0258-0316 6/23, IS w/choral NA 0301. M ID, anmts, nx in Malagasy. Some brief musical feature at 0309 after news, then M&W talking. Fair. (D'Angelo-PA)
- 5019.9 **SOLOMON IS SIBC** 0931-0944 7/7 M EE nx, ID at 0934 followed by Public Service Announcements. W w/interview. Poor to fair signal but poor overall due to noise and fading. (D'Angelo-PA)
- 5025 **CUBA R. Rebelde** 0348-0402 6/8 SS. Festive mx and tlk, M w/ID at 0358, SS re "Habana, Cuba", brief tlks w/ "jingle" mx, back to mx. Fair. (Barbour-NH)
- 5039.27 **PERU R. Libertad** Junin 1100-1110 7/17, "flauta andina", M ID, strong signal. (Wilkner-FL)
- 5046.67 **TOGO R. Togo** 2330 6/12 Af mx, M FF tlk before ToH, NA 0003, off 0005\*. (Berg-MA)
- 5047 **TOGO R. Lome** (pres.) 2312-2327 6/4 FF. EE pops by Elton John, mx in FF w/ M h/w songs. Good mx, tlks barely audible. Splatter via WWRB 5050 took over at 2327. Poor. (Barbour-NH)
- 5446.5u **USA AFN** Key West 0159-0230 7/2 ID at ToH; AP Network News and Sports Byline, USA program at 0206. Fair. (D'Angelo-PA)
- 5471.87t **PERU R. San Nicholas** 1100-1115 weak andes stations, no clear ID (Wilkner-FL)
- 5486.66 **PERU Reina de la Selva** 1040-1055 7/17. (Wilkner-FL)
- 5580.25 **BOLIVIA R. San Jose** 0000-0100 with marginal signal (Wilkner-FL)
- 5678 **PERU R. Ilucan** 0051-0100 6/30 S3 signal level but very audible at this time frame. Checked earlier and much weaker at 0000. Very nice selections of Peruvian mx. Nice program to listen to. M ID 0055. Usually not often given. (Montgomery, PA)
- 5755 **USA KAIJ** Dallas TX 0226 6/14 EE Dr. Gene Scott broadcast, strong signals. (Ponder) 

# International Band Loggings

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- 5920nf **USA WBOH** Newport, NC in EG 0629, patriotic mx, "The Spoken Word of God" feature, "Truck Driver Special" pgm at 0700, f (Ponder TX 7/1)
- 59525 **BOLIVIA R Pio XII** in SP 0209-0230\*, mx w/unusual instruments, ID 0228, IS, very weak signal swamped by co-channel QRM, low power 1 kw xmtr (Montgomery PA 6/22)
- 5970 **BRAZIL R Itatiaia** Belo Horizonte in PT 0757, tlks, ID, website, ads, ancmts, f (Barbour NH 6/19)
- 5985 **CONGO R Congo** Brazzaville in FR 2202, Afropop/hi-life mx, brief tlks, quick ID during music, f (Barbour NH 7/9) in FR 0443, hi-life vcls, tlks, ID, QRM'd by WYFR at 0455 (D'Angelo PA 6/29)
- 6010 **COLOMBIA Voz de tu Conciencia** in SP 0842, nice SP tunes, ID, some fading (Montgomery 6/26)
- 60203 **PERU R Victoria** Lima in SP 0235, long relig tlk before "live" audience, ID, ancmts, p-f, QRM from Spain relay Costa Rica (D'Angelo 6/26) in SP 0855, long relig tlk, fanfares, canned ID, nx? items toh, signal clobbered at 0900 s/on of Radio Gaucha (Montgomery PA 6/24, Barbour NH 6/19)
- 6040 **BRAZIL R Clube Paranaense** Curitiba in PT 0158, fast tlking ancw/ID, fqy, mx, g (D'Angelo 6/19)
- 6050 **CHINA Tibet Peoples BS** Lhasa in CH 2150, OM and YL w/tlks noted over co-channels HCJB and Nigeria, pips, ID 2200 with HCJB taking over by 2215 (Barbour NH 6/18)
- 6050 **NIGERIA R Nigeria** Ibadan in EG 2134, nx re govt, DPR and National Consortium, construction contracts, drums at 2145, s/off ancmts, NA? at 2149\*, poor w/choppy signal (Barbour NH 6/18)
- 6060 **ARGENTINA RAE** in SP/EG 2324, tlks, festive mx, quick ID, wobbly signal, QRN (Barbour 6/10)
- 6145 **CANADA R Japan** relay in EG \*0000, ID, nx, rpt on Iraq, ment No Korea, g (McGuire MD 6/14)
- 6155 **BOLIVIA R Fides** La Paz in SP 0105, futbol match, Coca Cola ads, ID, fair w/splatter (Barbour 6/19)
- 6175 **CANADA V of Vietnam** relay in EG 0349, pgm hosted by M/F, ID, into VT 0400 (Ponder 6/14)
- 6350usb **HAWAII AFRTS** relay Pearl Harbor in EG 0524, nx, late baseball scores, weak (Ponder TX 6/22)
- 65361 **PERU R Dif** Huancabamba in SP 0030-0100+, OA folk mx, tlks, ID, weak w/static crashes, QRM from ssb station near same fqy (Alexander PA 7/4, Montgomery PA 6/29)
- 67975 **PERU Ondas del Rio Mayo** Nueva Cajamarca in SP 0000-0104\*, rustic OA folk mx, tlks by M/W, ID abrupt sign off, p-f (Alexander PA 7/4) ED: Listed power output only 1 kw.
- 6890usb **USA WWRB** McCaysville, GA in EG 0435, relig pgm, anncr apologizes for glitch in network feed at 0439 followed by ID, exc (Ponder TX 6/16)
- 7195 **MOROCCO VOA** relay Briech in EG 0508, "VOA News Now" (Ponder TX 6/15)
- 7210 **BELARUS R Belarus** Minsk in EG/langs \*0200, multi-ling ID's, nx in EG, p //5970 (Alexander 7/5)
- 7265 **GERMANY Info Radio** Stuttgart in GM 0057-0120, nx, discussion features w/jingle ads, fair signal w/some splatter from 7270 (D'Angelo PA 7/1)
- 7290 **SAO TOME VOA** relay in EG 0552, editorial, "VOA Headlines via E-Mail", nx, f (Ponder TX 7/1)
- 7507usb **PUERTO RICO AFRTS** relay in EG 2337-0130, ID as AFN (Armed Forces Network), live baseball game, "Sports Byline", NA prior to AP Network News 0000, exc (Montgomery PA, D'Angelo PA)
- 9465 **AUSTRIA FEBA** relay via Moosbrunn in EG/lang \*0028, IS, "Spotlight Program" in EG, into dialect at 0045, ID, another IS, some QRM from Turkey on 9460 (D'Angelo PA 7/1)
- 9580 **BOSNIA R Yugoslavia** relay in Serbian \*0030, IS, ID, nx, ment of Colin Powell (McGuire MD 6/16)
- 9590 **HUNGARY R Budapest** in EG \*0100, IS, ID, national nx, rpt on festival, g (McGuire MD 6/21)
- 9755 **FRENCH GUIANA China R Int** relay in EG 0414, "News and Reports", spot for "Voices from Other Lands" pgm, ID 0422, exc (Ponder TX 6/26)
- 9870 **MONTE CARLO Trans World Radio** relay in EG 0703, "Insight for Living" and Chuck Swindell, ID and web info 0715, vg (Barbour NH 6/12)
- 9875 **ITALY RAI** Rome in IT \*0435, chirping birds IS, musical chords, ID, weak, //7235 (Ponder TX 6/26)
- 11660 **AUSTRALIA RA** in EG/Verns 1340, "The Planet" pgm w/pop mx in EG and local languages, OM w/tlks and songs, f, //9580, 11650 (Barbour NH 7/8)
- 11725 **EGYPT R Cairo** in EG \*2300, pips, ID, national mx, AR mx, f (McGuire MD 6/16)
- 11725 **MOROCCO R Liberty** relay in RS \*0300, IS, ID, fqy, sked, nat'l & regional nx, f (McGuire 6/18)
- 11765 **ALASKA KNLS** Anchor Point in EG 0810, "Postcard from Alaska" pgm, promo for KNLS station pennant, ID at 0814, enjoyable programming (Ponder TX 7/5)
- 11780 **BRAZIL R Nac de Amazonia** Brasilia in PT 2202, mx sels w/occasional sing along by anncr, lengthy talk, reggae mx and more talk, ID's (Ponder TX 7/5)
- 12020 **VIETNAM V of Vietnam** Hanoi in EG 1002, nx by M/W, ID 1005, signal flutter (Montgomery 6/12)

- 12060 **MADAGASCAR V of Hope** relay in EG/Vern \*0426, usual ID/mission statement at s/on, tribal mx, interviews of Sudanese at refugee camp, into Vern 0437, f, //15320, abruptly off 0457 (Barbour 6/22)
- 12085 **MONGOLIA V of Mongolia** Ulan Bator in EG 1013, cmntry, short local tune 1016, tlks about China, fgy, skeds, QTH, IS played 3 times at 1030 then into Mongolian lang, f-p (Montgomery PA 6/12)
- 13580 **CZECH REPUBLIC R Prague** in EG 2247, interview, ID, IS, f, signal gone 2258 (Ponder TX 6/28)
- 13610 **SYRIA R Damascus** in EG 2124, nx re G Bush in Africa and ferry sinking in Bangladesh, AR pop mx cmntry re Israel and Palestine, ID 2137, press review, good audio, some QRM (Barbour NH 9/7)
- 13640 **CANADA R Telefs Eireann** relay in EG 1835, Dublin soccer game, spot for Dublin Sunday Tribune and for Castle Rock spa in Killarney, f, sign off 1859 (Ponder TX 6/28)
- 13855usb **ICELAND AFRTS** relay in EG 0715, "Sports Overnight America" feature, f (Barraclough UK 6/22)
- 15120 **NIGERIA V of Nigeria** in EG 2255, nx, relig spot, "Reflections", ID's, NA at 2304\* (Ponder TX 7/5)
- 15135 **INDIA AIR Delhi** in HD/EG 0240, tlks in HD, mx, ID, nx in EG, p, QRM (D'Angelo PA 6/25)
- 15190 **ANTIGUA BBCWS** relay in EG 1640, feature on 1953 E. Germany uprising. G (Fraser ME 6/17)
- 15245 **NORTH KOREA V of Korea** Kujang in EG 2110, nx re meeting b/w China and N. Korea officials, countless ments of "The Great Leader, Kim Il Sung", anti-US propaganda, p (Barbour NH 9/7)
- 15315 **NETHERLANDS ANTILLES R Nederlands** relay in DT \*0130, bell chimes, ID, fgy, sked, pips, then into "Newslines" program, f (McGuire MD 6/21)
- 15385 **SPAIN REF Noblejas** in FR 2250, film and pop mx, nx items w/mx bridges, g (Fraser ME 6/16)
- 15515 **AUSTRALIA R Australia** in EG 0452, "Pacific Beat" feature, TC 0500, exc (Ponder TX 6/19)
- 15565 **NETHERLANDS ANTILLES R Vlaanderen Int** relay in EG 2245, cmntry re health vs money, vg (Fraser ME 6/16) ED: Fraser's reports this month were from his vacation spot in Maine.
- 15600 **USA R Taipei Int** relay from Okeechobee, FL in EG 2243\*, s/off w/classical CH mx (Fraser 6/16)
- 15615 **GUAM KSDA** Agat w/Adventist World Radio relay in CH/EG 1257, mx, tik, YL in EG w/ID, AWR address, language lesson, examples featuring the "Tooth Fairy", weak but clear (Barbour NH 6/20)
- 15715 **GERMANY R Africa** (United Methodist Church) relay via Juelich in EG 1739, Afro tune, feature on circumcision, short family play, ID 1753, fgy, sked, xmtr info, postal and E-Mail addresses, nx about Africa, tlks mostly of Liberia and PM Charles Taylor, weak signal w/fades (Montgomery PA 6/27)
- 17650 **RUSSIA V of Russia** via Petropavlovsk Far East relay in EG 0342, classical mx, ID 0358, Kremlin bells 0359, into nx, exc (Ponder TX 6/24)
- 17775 **UZBEKISTAN R Tashkent** in EG/Urdu 1355, Uzbek folk mx, ID, end of EG service ancmts, two min silent period, then into Urdu pgm, weak but readable (Barbour NH 7/8)
- 17780 **HAWAII KWHR** Naalehu in EG 0437, spot for World Harvest Radio's website, gospel mx, weak signals, mostly faded out by 0458 (Ponder TX 6/25)
- 17845 **GERMANY Deut Welle** in GM/EG 1451, soundbites from G Bush, ID, exc to 1500 (Barbour 9/7)
- 17860 **GERMANY Deut Welle Wertachtel** in GM 2000, IS, ID, rpt on the Congo situation (McGuire 6/18)
- 21470 **ASCENSION ISLAND BBCWS** relay in EG 1508, "Focus on Africa", fighting in Burundi, Bush's trip to Africa, mailbag, g, //21490 (Barbour NH 9/7)

## Clandestine, Tentative, Presumed, or Unknown

- 6215 **ARGENTINA(p) R Baluarte** Puerto Iguazu (p) in PT 0136, string of upbeat ads or promos, alt. b/w SP and PT, heavy QRM about 0155 dousing any chance of ID at 0200, f/o 0235 (Berg MA 6/17)
- 65854nf **BOLIVIA(t) R Nueva Esperanza** El Alto in SP 0130-0134\*, OM in SP tik just above noise floor, then into orchestral NA and gone, weak (D'Angelo PA 6/22) ED: New Christian SW station first reported in May by Bolivian SWL'er.
- 7460 **CLANDESTINE R Payam-E-Doost** via Moldavia relay in Farsi(p) 0304-0315\*, OM/YL tlks, flute instrumentals, mail addr "Great Falls, VA, USA", tlks over mx, f-p, rtty QRM (Barbour NH 7/10)
- 12120 **CLANDESTINE** Ethiopia-related **Radio Solidarity(p)** in Tigrigna(p) 1745, programming checked against audio on TISJD website for R Solidarity and they were exactly the same, nearly all talk with direct field rpts, occasional Horn of Africa mx, no ID, f, rtty QRM (Berg MA 6/15) ED: TISJD stands for Tigrean International Solidarity for Justice and Democracy.
- 15670 **CLANDESTINE Radio Xoriyo**(Ethiopia) via Juelich, Germany relay(p) in Somali(p) \*1629, opening w/Horn of Africa mx, ID's, brief AR-style singing, then all talk, good until 1640 (Berg MA 6/17)
- 15675 **CLANDESTINE V of Mesopotamia** in Kurdish \*0400, s/on w/NA, ID as "Denge Mezopotamia" over mx followed by continuous Kurdish mx sels, f (Barbour NH 7/10)


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