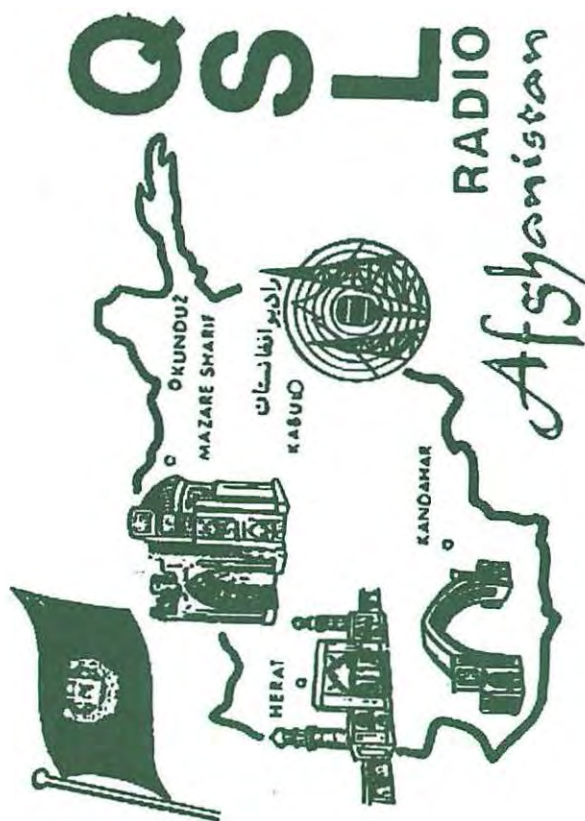


The **NASA** Journal

VOLUME XLVII NUMBER 7

JULY 2007



Quality Equipment From Universal Radio



E1 XM

The **etón E1 XM** is the world's first radio that combines AM, FM, shortwave and XM Satellite radio into one ultra high-performance unit. The E1 is an elegant confluence of performance, features and capabilities. The look, feel and finish of this radio is superb. The digitally synthesized, dual conversion shortwave tuner covers all shortwave frequencies. Adjacent frequency interference can be minimized or eliminated with a choice of three bandwidths [7.0, 4.0, 2.5 kHz]. The sideband selectable Synchronous AM Detector further minimizes adjacent frequency interference and reduces fading distortion of AM signals. IF Passband Tuning is yet another advanced feature that functions in AM and SSB modes to reject interference. AGC is selectable at fast or slow. High dynamic range permits the detection of weak signals in the presence of strong signals. All this coupled with great sensitivity will bring in stations from every part of the globe. Organizing your stations is facilitated by 500 user programmable presets with alpha labeling, plus 1200 user definable country memories, for a total of 1700 presets. You can tune this radio many ways such as: direct shortwave band entry, direct frequency entry, up-down tuning and scanning. Plus you can tune the bands with the good old-fashioned tuning knob (that has new fashioned variable-rate tuning). There is also a dual-quest programmable timer. Whether you are listening to AM, shortwave, FM or XM, you will experience superior audio quality via a bridged type audio amplifier, large built in speaker and continuous bass and treble tone controls. Stereo line-level output is provided for recording or routing the audio into another device such as a home stereo. The absolutely stunning LCD has 4 levels of backlighting and instantly shows you the status of your radio.

Many receiver parameters such as AM step, FM coverage, beep, kHz/MHz entry etc., can be set to your personal taste via the preference menu. The E1 has a built in telescopic antenna for AM, shortwave and FM reception. Additionally there is a switchable antenna jack [KOK] for an external antenna. Universal also sells a PL259 to KOK antenna jack adapter (#1052 \$14.95) as well as a sturdy angled Lucite radio stand (#3873 \$16.95).

The E1 comes with an AC adapter or may be operated from four D cells (not included). 13.1" W x 7.1" H x 2.3" D Weight: 4 lbs., 3 oz. We are shipping latest production. Get a Free YB-550PE with your E1 for a limited time. E1 XM Order #0101 \$499.95

AUDIOVOX
CNP2000



The Eton E1 is XM ready, so you may purchase the Audiovox CNP2000 DUO XM antenna module at any time. It has a 25 foot cable. (An optional XM-EXT50 foot extension cable is also available #4905 \$39.95.) CNP2000DUO Order #0072 \$58.95

Note: The CNP2000 DUO antenna module and XM subscription are sold separately. Activation and monthly subscription fee required for XM.



LISTENING TO LONGWAVE - THE WORLD BELOW 500 KILOHERTZ

By K. Carey. Your introduction to the fascinating basement band of the radio spectrum. Includes: who is on the air, LW reception equipment, listening tips, sounds of nature: Whistlers, Squeaks, Dawn Chorus and other radio atmospheric, navigation beacons, time stations, broadcasters, NAVTEX and Lower band. ©2007 Univ. Radio. 98 p. Order #0024 \$6.95

GRUNDIG

YB-550PE



FREE
Receive a FREE Grundig YB-550PE with your Eton E1 purchase!

The incredibly attractive Grundig YB-550PE combines form and function to offer an excellent shortwave experience. Six tuning methods are available to make tuning the bands easy and quick. Enjoy AM, FM, FM Stereo (to earphone jack) and full coverage shortwave from 1710-30000 kHz. Direct keyed frequency entry is possible or Up-Down tuning is available to surf the bands. A bar-graph tuning meter puts you exactly on frequency. 100 memories store your favorite stations. The built in clock can wake you to the radio audio or a buzzer. The large backlit LCD shows time and frequency. Comes with a carry case. 3.5 x 5.5 x 1.375 inches 10 oz. Originally introduced at \$99.95. YB-550PE Order #0550 \$59.99

► Purchase your Eton E1 from Universal Radio before 10/31/07 and receive a FREE Grundig YB-550PE with your order!

etón E5

FREE
Receive a FREE Grundig FR-200 with your Eton E5!



The etón E5 is a world class portable radio covering long wave, AM, FM and shortwave. It offers SSB-Single Side Band, 700 memories, keypad entry, scanning and a 24 hour clock timer. You also get: Line Output, Local/DX Switch, Wide-Narrow selectivity and external SW antenna jack. Operates from four AA cells (not supplied) or the included AC wall adapter. Comes with a manual, wrist strap, protective case, wire antenna and ear buds. 6.675 x 4.125 x 1.125" 12.2 oz. One year limited warranty. List \$169.95 Order #0055 \$149.95

► Purchase your Eton E5 from Universal before 10/31/07 and receive a FREE Grundig FR-200 AM/FM/SW wind-up emergency radio with your order!



KING OF THE SATELLITES SIX FIVE O

By Thomas Baier. Clearly the famous 650. was the "king" of the Satellite line. Author Baier, draws from his sources in Germany to cover this famous receiver. Over 100 pictures are featured in this 80 page book. Learn about variants, production numbers, disassembly, adjustments, bulb replacement and much more. The Owner's Manual and circuit schematic are also fully reproduced. Order #0650 \$22.95



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Except Alaska, Hawaii and Puerto Rico.

The summer convention season is just around the corner. There are a number of great radio related gatherings scheduled over the next few weeks. These gatherings provide a great opportunity to meet and discuss the radio hobby with other like-minded radio enthusiasts. Never miss these opportunities. While the club's Winter SWL Festival each March is one such great event, the summer offers a number of other gatherings worth attending. They are well worth the time and effort and cost to attend. The 14th Annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts is scheduled for Saturday, August 18, 2006. I am planning to make the trip to Madison for this event. See this month's *Musing* from host **Bill Dvorak** and the *Calendar of Events* for important updates. The 2007 International Radio Club of America and DecalcoMania Conventions will be in Salt Lake City, Utah from August 24th through August 26th. The 2007 National Radio Club National Convention and World TV-FM DX Association Convention will be in Boise, Idaho from 31 August to 2 September 2007. Although not part of the summer convention season, the next European DX Council Conference is scheduled for Lugano, Switzerland on 1-4 November 2007. That rounds out the 2007 hobby radio related gatherings worth attending. Of course, don't forget the club's own gathering, the 21st Annual Winter SWL Festival will be held at the Best Western—The Inn at Towamencin on 7th and 8th March 2008. I hope to see many members in Madison and Kulpsville over the next six months!

The Association for International Broadcasting (AIB) Media Industry Briefing provides some interesting information about the reach of the British Broadcasting Corporation (BBC). The AIB is the industry association for international broadcasting and electronic media. The BBC's combined international

news services attracted a record global weekly audience of more than 233 million during 2006/2007. The announcement of the new audience figures came from the BBC in June. It was drawn from independent surveys it commissions throughout the world. The global audience figure for the combined services of BBC World Service radio, BBC World television and the BBC's international online news service bbcnews.com is up 23 million from 210 million last year; notably, many people used more than one service. BBC World Service's weekly radio audience estimate is a record 183 million, up 20 million on last year. There were large BBC radio audience increases in Bangladesh—up 8.3 million. Increased survey coverage added 7.5 million to the estimate in Democratic Republic of Congo and 7.0 million in Afghanistan. Weekly audiences in radio markets in India, Nigeria, Pakistan and Rwanda all grew by a million or more during the year. Thanks to AIB for the information.

Congratulations to **Anker Petersen** of Denmark who is this year's winner of the 19th International DX Contest, "The Grand Tour with Cancer and Capricorn 2007." Anker finished with 2,923.32 points with **Roberto Pavanello** of Italy (2,849.13 points) in second and **Nobuya Kato** of Japan (2,744.15 points) in third. There were 21 contestants this year from 14 different countries participating this year.

I would still like to hear from any members interested in a Berks County, PA based NASWA group that meets periodically. If you would like to be part of this meeting group, please let me know. As I mentioned last month, the preliminary thought is to meet at a Reading area restaurant for a light meal and hobby-related discussion. Nothing formal; just an opportunity for shortwave listeners to gather and talk with one another. If you

Our Motto: Unity & Friendship

would like to be part of this eminent group of radio hobbyists, drop me an e-mail or postal note soon (see masthead for contact information).

Shortwave Australia is the title of a brand-new free Internet service using weblog technology, and was officially launched on May 15, 2007 by **Bob Padula** <bobpadula@mydesk.net.au>, in Melbourne, Australia. Bob is the compiler and he is the force behind the Electronic DX Press Radio Monitoring Association, now approaching its 12th year of continuous operations. *Shortwave Australia* is a place on the web where Bob shares his professionally sourced and carefully researched news about shortwave developments and schedules, supported by extensive monitoring summaries. The site also provides dynamic links to news articles about shortwave radio and related technology, by using automatic real-time searching of published content worldwide—this is “Shortwave Newsreel”. Access to *Shortwave Australia* is free, and users may subscribe via its Atom/RSS feeds, or through any of the popular news aggregator services, to receive posts directly via e-mail. Details are at the site! *Shortwave Australia* is at: <http://swaus.blogspot.com>.

Don't forget that you can download a file containing the summer schedules of all international broadcasters is now available for free download from <http://www.wrth.com>. **Sean Gilbert** and the *World Radio Television Handbook* (WRTH) editorial Team made this possible. The file contains frequency listings and broadcasts in English, French, German, Spanish and Portuguese. The file runs to 110 pages and is just under 400kb in size. You will need the free Adobe Acrobat reader (v5 or higher) in order to view this file. Thanks to Sean and the WRTH for this free download service.

Last month's *Journal* carried a comprehensive review of the 9th edition of the popular *Domestic Broadcasting Survey* (DBS-9) published by the Danish Shortwave Club International (DSWCI). This completely updated edition of the 40 page A-4 size DBS-9 has the same format as previous years and is available by e-mail in PDF format. A limited number are also going to be printed on

paper. They can be ordered from the club treasurer: DSWCI, c/o **Bent Nielsen**, Egekrogen 14, DK 3500 Værløse, Denmark. The e-mail (PDF format) edition costs: DKK 40,00 or US\$7.00 or €5,00 or £4,00 or SEK 50,00 or 5 International Reply Coupons (IRC). The printed edition costs: DKK 75,00 or US\$12.00 or €10,00 or £7,00 or SEK 100,00 or 10 IRCS. Payment by cash notes are accepted whereas checks are not accepted.

Jim Strader invites everyone to visit him at the *Company Store* for many of your shortwave radio related needs. From neat clothing to books and other essential supplies, the *Company Store* is your place to go. The new *Company Store* location is 74 Miller Street, Middleborough, MA 02346-3216. Jim can be reached by e-mail at jimstrader@msn.com. Just a brief reminder that all orders for *Company Store* merchandise should go to Jim.

Also, don't forget the Radio Free Asia new series of QSL cards commemorating the youth of the world, and the spirit of democracy and freedom. The designs of the first three QSLs were created on April 26, 2007 during RFA's annual “Take Our Daughters And Sons To Work Day” in Washington DC; the fourth design, set for use in August, was drawn on April 27, 2006 during that year's event. Each design is one of many drawings made by the children of RFA personnel, inspired by the work their parents create daily at RFA. Although they will be half through the series, the last two cards are still available. RFA encourages listeners to submit reception reports. RFA welcomes all reception report submissions at www.techweb.rfa.org (follow the QSL Reports link) not only from DXers, but also from its general listening audience. Reception reports are also accepted by email at qsl@rfa.org, and for anyone without Internet access, reception reports can be mailed to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036, United States of America. Upon request, RFA will also send a copy of the current broadcast schedule and a station sticker. Our thanks to **AJ Janitschek** of Radio Free Asia's Technical Operations Division for the information.


Summer is officially here but there is always some interesting DX left to squeeze out of

the airwaves. The bands are in good shape with higher frequencies opening up a little more enabling some interesting listening opportunities. With the club's electronic *Flashsheet* in your hands each week you will be up to date with news and information about the DX scene. If you have not signed up for the club's electronic *Flashsheet* service, you are missing out on timely news and information that will enhance your shortwave listening pleasure. It is now time for you to get on the distribution list for the club's electronic *Flashsheet* to stay up-to-date. The changing DX conditions will bring different DX opportunities and new listening targets. The club's electronic *Flashsheet* helps members stay on top of the action with breaking shortwave news and information. If you are a current member of the club and want to receive the electronic *Flashsheet* just drop Rich D'Angelo (rdangelo3@aol.com) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic *Flashsheet* edited by Mark Taylor, markokpik@tds.net. Each week the electronic *Flashsheet* brings a lot of exciting, late breaking DX news and information


to our members. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news. This is a service that is only available to our members. Deadlines are posted in the *NASWA Flashsheet* each week.

I have another missing in action *Flashsheet* recipient. Joe Yadsco, your *Flashsheet* address has a "permanent fatal error." I need to hear from you if you still want to receive the *Flashsheet*. Thanks!


Please remember to direct all communications about subscriptions, bulletin delivery issues, July 4th celebration themes, the use of PayPal as a payment method, etc. to Bill Oliver at the club's Levittown address or to his electronic address, weoliver@comcast.net. The regular postal address is the familiar 45 Wildflower Road, Levittown, PA 19057. Inquires sent to 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. 

FRENDX: Twenty-Five Years Ago (July 1982)

The Headquarters Report noted the availability of the 1982 *Directory of Clandestine Stations and Programs* a 7-page listing compiled by Gerry Dexter, the *NASWA Tropical Band Guide* was available from George Sherman, and the 10th edition of the *Tropical Band Survey* from the Danish Shortwave Clubs International. The 1982 ANARC Convention was scheduled for Montreal, Canada with Ian McFarland as host. Bob Hill of Mountain View, CA was selling his R390/URR receiver. Chris Hansen's first *Shortwave Center* column featured "The Job Interview" by Charlie Loudenoomeer. Universal Radio's Fred Osterman wrote about the Japan Radio Company's NCM-515 Frequency Controller. In Al Sizer's *It Sounds to Me* column, the demise of the Newark News Radio Club (NNRC) was discussed. Another edition of Roger Legge's *English Language Broadcasts to North America* appeared. In Glenn Hauser's *Listeners Notebook* information about the new Association of DX Reporters appeared. This club rose from the ashes of the old NNRC. In Sam Barto's *ASL Report* Jerry Berg reported QSLs from La Voz del Rio Tarqui, Radio Iris and Radio Splendid. Radio Bangladesh was verified by Henry Lazarus and Tom Gavaras. Chris Lobdell and Marlin Field reported QSLs from Radio Cultural Antena Libre. Sam noted 121 countries were reported this month. 

Calendar Of Events

- Jul 13 Meeting. Philadelphia Area NASWA Chapter.** Kulpsville Holiday Inn, Kulpsville, PA at 7:30 PM. For more information contact Dan Cashin at 610-446-7831 or Internet: dcsckp@aol.com.
- Jul 13 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: ccreditor@aol.com. The URL for the BADX guys is <http://www.naswa.net/badx/>
- Aug 11 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meets at the Lebanon Citizens' National Bank (LCNB), 425 West Central Avenue (Ohio 73), Springboro, Ohio at 7:00 PM. For more information contact Mark Meece at 937-743-8089 or e-mail at <antennapig@siscom.net>. For additional information about MONIX, check out their web site at <<http://www.siscom.net/~mmeece/monix.html>>
- Aug 18, 2007 Convention. 2007 Madison-Milwaukee Radio Get-together.** The 14th Annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will take place on Saturday, August 18, starting at 1 PM CDT. This year's venue is Madison WI, and hosts are Bill and Nina Dvorak. For further information, please e-mail Bill at dxeak@aol.com, write him at 3358 Ridgeway Avenue Madison WI 53704-4327, or phone 608-244-5497.
- Aug 24-27, 2007 Convention. The 2007 International Radio Club of America and DecalcoMania Conventions.** The annual gatherings will be in Salt Lake City, Utah from August 24th through August 26th at the Airport Days Inn (1900 West North Temple, Salt Lake City, Utah 84116). The convention discount for a room is \$50.00. Registration is \$25.00 per person. Convention host Mike Sanburn can be reached at P. O. Box 1256, Bell flower, CA 90707-1256.
- Aug 31-Sep 2, 2007 Convention. The 2007 National Radio Club National Convention and World TV-FM DX Association Convention.** The annual NRC and WTFDXA gatherings will be held at the Rodeway Inn on North Curtis Road in Boise, Idaho from 31 August to 2 September 2007. Frank Aden will be the joint convention host. Additional details to follow.
- Nov 1-4, 2007 Convention. The next European DX Council Conference** is scheduled for Lugano, Switzerland on 1-4 November 2007. Venue of the conference is the Hotel Dischma, Vicolo Geretta 6, CH-6900 Lugano Paradiso, Switzerland (hoteldischma@bluewin.ch). The conference fee is EUR 95. Further information is available from Tibor Szilagyi in Sweden at +46 8 500 264 83 (phone number) or tiszi2035@yahoo.com (e-mail). Radio Miami International is issuing a special EDXC 2007 QSL card. RMI will make it available to DXers for reports through the end of 2007, but they must request the special EDXC 2007 QSL card.
- Mar 7-8, 2008 Convention. The 21st Annual Winter SWL Festival,** sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 7th and 8th March 2008. Richard Cuff and John Figliozzi co-chair the organizational committee. Although it is early, you don't want to miss this special FEST event. See you there!
- Mar 13-14, 2009 Convention. The 22nd Annual Winter SWL Festival,** sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 13th and 14th March 2009. Richard Cuff and John Figliozzi co-chair the organizational committee. Although it is early, you don't want to miss this special FEST event. See you there!
- Members are invited to submit items to be included in this calendar to Rich D'Angelo (Internet: rdangelo3@aol.com) or Ralph Brandi (Internet: ralph@brandi.org). 

Musings

Bill Dvorak dxeak@aol.com, 3358 Ridgeway Avenue, Madison WI 53704-4327

It seems hard to believe, but another year has gone by, and it is time for another Madison-Milwaukee DX Get-together. The 14th Annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will take place on Saturday, August 18, starting at 1 PM CDT. This year's hosts are my wife Nina and I, and you are all invited. The gathering begins at our house (see address above), moves at 5:30 to the Esquire Club for dinner, and ends with a night session back at the house. Join us for the whole day or part. Come when you can and leave when you must.

What can you expect of this event? Good fellowship and lots of DX talk in an informal atmosphere, a radio demonstration or two, and a few surprises along the way. We provide the shelter, snacks and soda. All you need bring is your love of and enthusiasm for the DX hobby. We promise that you will have fun, exchange some great ideas, make new friendships and/or renew old ones. We take a group photo late in the afternoon, so bring along a camera.

For planning purposes, please let us know if you are coming. For more information, contact me by e-mail (listed above) or USPS mail, or by phone at 608-244-5497.

The Madison-Milwaukee Get-together for DXers and Radio Enthusiasts has been held on the third Saturday in August every year since 1994, with Tim Noonan and I alternating as hosts. From humble beginnings (eight DXers gathered at the first event) we have grown every year, and for the past few years have been a destination for over 30 DXers per year. This is an all-band event, and draws a diverse group of hobbyists.

I am particularly proud to say that participation by fellow NASWA members continues to grow, and I have had the pleasure of meeting many of you at past events. Eight NASWA members attended last year's event in Grafton WI. In addition, we were honored to have world-renowned SW DXer Victor Goonetilleke of Sri Lanka, who happened to be visiting his son in Green Bay, come to our event! Chances are Victor will not be there this year, but his appearance last year just proves that you never know who you are going to meet at the Madison-Milwaukee! We hope to meet you this year.

73, Bill

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

One item I put in the book this week. Tried for the Radio St. Helena test on Thursday. I brought my ICF-SW7600G downtown and went over to the roof of a nearby parking garage at the appointed hour for 10 minutes. As expected, no luck. QRM? Wow, noise, squeaks, overload, buzz, etc everywhere. My favorite QRM was intermittent screeches, akin to the alien voices in the movie Independence Day. With no RSH or spaceships overhead, I grabbed a coffee and went back to work. I see some Euro DXers and others picked them up.

73, Kevin

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

Have not been chasing the DX as such these days. Very busy with so many projects, like in my school, Rain Water Harvesting projects, and of course active Monitoring. But DX-

plorer, BCDX from my long time friend Wolfgang Bushel, NASWA flash sheet and DSWCI has been keeping me tuned in. Some info for you guys.

BHUTAN: Checking per Anker Petersen's query found 0000 Thimpu booming in usual sign on and programming. Also at 1300-1500, obviously the new 100kW going by the signal strength and also someone confirmed that they have been on 100kW since the 17th of May. Yes 6035 kHz.

General News: sad to see the tropical bands so empty ... just a few signals from China, a dozen Indians a station or two from Pakistan. If I have my way would like to reactivate at least one TX on 60m from Sri Lanka...but some more time for it. So, little motivation to chase after DXing though that love is still there. Thus when Anker asks me to heck something...the old love comes rushing in. I have better antennas than ever before, too many receivers and transceivers than I can tune, but so little to listen for.

Regards, Victor

Bill Montney <bilmont65@charter.net>, 5700 Parkside, Monroe, MI. 48161

Last week I received my latest addition for the monitoring the radio bands not necessarily exclusive to short-wave listening, the radio is a WINRADIO G305e for VHF/UHF bands also had addition upgrade for a professional demodulator and FM capabilities as to narrow and wide band. Now waiting for the mailman to deliver additional software which includes a DRM license-key and APC025. The APC025 software enables the radio to receive common digital public safety radio communications for public safety, homeland security and emergency response. My location in MI {southeast} the APC025 technology are used by numerous agencies, not only here but through-out the country.

Anyhow, so far I am very pleased. Since this is a soft-ware defined receiver it had to be installed. The "e" model which we are discussing here took only a few minutes to set-up, a USB connection to the computer and the other end to the unit it-self which in physical size is no larger than a cigar-box. The manual is complete, very well written, and easy to understand. Tech-support is available. On the antenna end I just switched over my coax from my AOR7030 and fired up the 305. Once into the shortwave bands voices were coming through the speaker as I tuned and turning the dial. The bands were good and within a couple of minutes I had the good fortune of logging on to Robert calling from Andrews AFB in Maryland on 5-12-07 on 6.996 MHz in upper side band.

I think I just added some competition as to what radio to listen to. The AOR, a fine piece of dedicated shortwave listening equipment. Or, go for the technology and monitor this new piece of equipment with more additional features and capabilities. Decisions, decisions, of course it does help to have a 100 foot of wire strung up about 30 foot or so. Anyhow, I forgot to mention that I can now record into a wave file my catches and making editing reports easier.

For now 73's. Later, I got some listening to do, B. Montney

Mark Taylor (markokpik@tds.net), Madison, WI

I record quite a bit. MP3's don't take up significant room physically or on the computer. Since I have a Mac, I use Chris Smolinski's "Audiocorder"—www.blackcatsystems.com (I recommend his "DX Toolbox" if you don't use it also—it comes in both flavors of computers.) The recordings are easy to set up, store and listen to. I just put them into iTunes with a quick label and relevant notes. Since I use an external hard drive to back everything up on the computer, they are automatically archived. Much easier than fiddling with

tapes or CDs. Purists note that the audio quality is not as good as some other formats (like minidisks), but I don't notice that much difference. They can also be manipulated if you are so inclined. (There is a program on Mac called "Audio soap" which will remove static among other things. Probably cheating, but I tried their demo version and liked it. Some of the really poor quality recordings are audible.) I end up dumping quite a few recordings since the quality ends up being too poor to keep, but I'm OK with that.

The other thing is that that program (and probably others) can be set to turn on when there is input. So I will set a radio (or radios) to try for stations when I am normally asleep or at work. I recently got Star Radio / Cotton Tree Radio that way. (2 AM local). I also record numbers that way - 1st and 3rd Mondays at 1700 on a low frequency is a long shot, but recording allows a quick check and if only static, it can be trashed.

Since I tend to turn on the recorder and forget it, I haven't had the problem Rich talks about of being inattentive—more than usual of course. My problem is remembering to turn the recording off. I have a couple of sign offs with the next few minutes of tuning :-)

Some folks like the MP3 recorders on the market. I've looked at a couple, and they seem to be workable, but I don't have any experience. I've thought of trying one for the park expeditions I have been going on lately.

Mark

Forrest S. Bishop, 2140 Pogue Avenue, Room 316, Cincinnati, OH 45208-3234-40 C017
I am enclosing a letter from a Mr. Bill Hoger, Technical Officer, Frequency and Time/Frequency et Temps, at Radio Station CHU in Canada.

Sincerely, Forrest

"Thank you for your interest and concern about the CHU radio broadcasts. There was some concern earlier this year about the fate of the 7.335 MHz signal. The International Telecommunications Union (ITU) changed the band allocation from "fixed service" to "broadcast" on April 1, 2007. It was not known if we would be allowed to continue broadcasting in the current format. I can tell you now that we have been relicensed and continue to operate as in the past. At no time were any of the 3 frequencies shut off on purpose during this time (equipment failures have occurred). I thank you again for your interest and if you have any further questions please contact us. Sincerely, Bill Hoger."

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

The topic of the month is the Radio St. Helena. The Radio St. Helena made a test transmission at 1500 UTC on 17th of May. The carrier was noted on 11092.5 kHz, but ID was unable to be confirmed by most of Japanese listeners as the signal was too weak. The Radio St. Helena revival 2006 QSL cards mentioned in the May bulletin were received in early May by many Japanese listeners. The enclosed letter from Miss Laura Lawrence, the Station Manager, said the Radio St. Helena would be celebrating its 40th anniversary on Christmas Day this year. The station is hoping to be able to make Radio St. Helena Day an annual event again and again. So please keep checking their web site at www.news.co.sh for update.

This is all for this month and wishing you good DXing!! Toshi Ohtake, Japan Short Wave Club.

Doug Robertson <dr_tug@dslextreme.com>, 4045 Sunset Lane, Oxnard, CA 93035
On 7 June 2007 California Assembly Member and A.B. 722 Author Levine made a motion to place in the Inactive File his A.B. No. 722-Energy: general service lamp. The motion was passed as amended by 11 Ayes and 5 Noes. So, my concern of the June 2007 Musings seems to be waylaid, indicating that an Act to amend Section 25402.5 of the Public Resources Code, relating to energy will not be enacted any time soon. The Bill went to the Inactive File 13 June 2007. No reason for Levine's motion was published in the Press.

The fear was that Californians would have to start phasing in use of compact fluorescent lights (CFLs) in lieu of incandescent bulbs for most lighting uses starting in 2010. Street lighting, parking lot lighting, traffic lights, billboard lights, marine lights and some other lighting categories would not be subject to the new energy efficiency standards. Concern over RF interference from legislated CFLs to short wave DX listening in California may be laid to rest, at least for now. We have not heard the last of this effort, however, that is still alive in various forms in other US states and some world countries.

73, Doug

Dave McLaren <davene9n@hotmail.com>

What do the group of Christian SWL/DX'ers in Sweden call themselves? I hear them over WWCR's DX Block of programming namely the HCJB DX Partyline program. I think that they call themselves "Clearwaves" or "Skywaves." I would also like to know how I may get in touch with them Can anyone help me out?

De Dave M

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

I am continuing to enjoy backyard DX sessions with my Eton E1. The back deck makes a great place to set up for some early evening listening sessions. The nice part about getting outside is the ability to avoid some of the electrical noise from inside the house and enjoy the peace and quiet of the great outdoors. Nothing beats uninterrupted listening time to get some results. Also, I get to catch up on my readings while waiting for stations to identify themselves.

A good batch of QSL news to report this month. First up is a reply from Adventist World Radio via Moosbrun from Keren Eastwood at AWR Listener Services. After a long wait, I got a nice reply from China Tibet People's Broadcasting Station which follows a previous reply that I got from Beijing. A couple of clandestine replies this month. The first was from Radio Zamaneh verified via the Amsterdam address. The reply apparently came by surface mail spending seven weeks in transit! The second clandestine was the Democratic Voice of Burma via Wertachtal. Once again an electronic report and an electronic to/from T-Systems and Walter Brodowsky the Account & Product Manager for shortwave broadcast. Walter noted that they were using a 100 KW transmitter toward Southeast Asia when I heard the transmission. RUV—Ríkisútvarpid verified with an interesting antique communication receiver card featuring pictures of "radio receivers from the commencement of RUV's services in 1930 up to the middle of the century." Very nice one to add to the collection. Finally, North American pirate station The Crystal Ship sent a card with The Poet including a copy of a 1983 ACE interview as part of his reply.

73, Rich

Easy Listening

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The best new program on short-wave in many years?

Radio Netherlands' *The State We're In*

For years, Jonathan Groubert has been increasingly associated with high-quality, award-winning programming from Radio Netherlands; most recently, he was the host of the weekly *EuroQuest* magazine show. Several months back, Radio Netherlands announced that *EuroQuest* would be ending, and Jonathan was in the process of developing a new series for Radio Netherlands. That series debuted at the end of May, and Radio Netherlands has clearly invested a significant portion of its talent to create what is now termed its "flagship" program, *The State We're In*. No matter how you listen, *The State We're In* is one of the most interesting new public broadcasting programs created in recent memory; what's even better is that Radio Netherlands still uses shortwave to get the program to us in North America. Hooray!

So, why the hubbub? The program itself is about "...how we treat each other...;" the subtitle for the program is "Human rights, Human wrongs, and what we do about them." *The State We're In* is a magazine program; it runs roughly 50 minutes each week, with a series of stories each running 5-10 minutes each; several of the stories surround a common theme. The theme for the June 30th edition of *The State We're In* is Religion; the theme a week prior was Adoption.

One of the reasons *The State We're In* impresses is that several well-known members of the Radio Netherlands team in addition to Jonathan Groubert participate in each week's program. Eric Beauchemin, who produces the majority of Radio Netherlands' weekly documentaries, takes a look at human rights stories in the news over

the past week in one segment; Michelle Ernsting (*Sound Fountain*) is the program's editor, Dheera Sujana (*Sound Fountain, Vox Humana*), Marnie Chesterton (*The Research File, Newline*), Marijke van der Meer, Fiona Campbell, H el ene Michaud (*A Good Life, Documentaries*), Tim Fisher (*Euro Hit 40*), and Bertine Krol (*Dutch Horizons*) all are regular contributors. Another interesting name in each week's credits is Jim Russell. No, you won't recognize his name from any Radio Netherlands programming; Russell was the creator of the USA public radio program *Marketplace*, and now provides consulting services to public radio organizations in the area of program creation; he's credited as a Creative Consultant for *The State We're In*.

I like this program a lot. The first reason is the host: It's clear Jonathan Groubert has done this before -- he has a remarkably relaxed air about him as host and interviewer. He also asks questions they way that one would ask questions of someone in a pub -- as in, "now, wait a minute, why do you believe what you believe?" He has me saying to myself, "that's how I would chat with that person if I were in his shoes..." Hearing people like Eric Beauchemin, Michelle Ernsting, Chris Chambers, and other longtime Radio Netherlands presenters along with Jonathan G., in the same program is impressive, knowing the skill and capabilities all of this team bring to the radio craft.

Program subjects are frequently topical from a newsworthy sense -- for example, much focus in the program's first month has been on the Palestinian refugees in the Gaza Strip. While these subjects are broadly relevant, they are simultaneously intimate, using one-on-one interviews and profiles to help paint a highly personal picture of the subject being explored. Two weeks back,

Jonathan interviewed a Gaza-born, Gaza-based journalist, who daily risked his life to take video and produce reports for outside broadcasters. Jonathan helped you get to know the individual as well as the overall sense of despair that currently pervades Gaza; this intimate, one-on-one approach reminds me of another personal favorite program, the CBC's *As It Happens*.

You would think that a program with human rights as its major theme could consistently dreary on a regular basis, but *The State We're In* regularly mixes in stories that inspire the listener. For example, in the June 16th edition, which had "Press Freedom" as its theme, there was a story about a 24-year-old citizen journalist in rural Darfur, Sudan who publishes a magazine about the local region that is – literally – posted on a tree in the center of town. Others post comments and corrections on the stories she writes; she adds them to the stories she "posts" on the tree. The woman's initiative, and dedication, are unique given the day-to-day challenge faced by refugees in Darfur.

The State We're In airs on shortwave to North America at 1100 Saturdays (11675 kHz), 2000 Saturdays (15315, 17735, 17660 kHz), plus 0000, 0100 and 0400 Sundays, on 9845 kHz (0000, 0100) and 6165 kHz (0400). Additional midweek airings of an edited 30-minute version can be heard 1130 Tuesdays (11675), 0027 and 0127 Wednesdays (9845), plus 0430 (6165).

In addition to the shortwave airings, listeners to the World Radio Network in North America via Sirius satellite radio or local rebroadcast can hear the long-version of *The State We're In* Saturdays 1200 and 2200, plus Sundays 1900; WRN listeners can hear the midweek edition Tuesdays 1230 and 2229.

On the internet, *The State We're In* can be streamed on-demand and can be downloaded in an MP3 file. A podcast version is also available. Prior editions, so far,

can be listened to in their entirety, or can be downloaded by individual story. Radio Netherlands's English language service is also available 24 hours per day in a live stream; the live stream schedule is shown at http://www.radionetherlands.nl/listeningguide/how_to_listen_namerica, and link to the live stream is provided on that page.

Radio Netherlands isn't the only organization behind *The State We're In*; the Washington, DC-based public radio station WAMU is also shown as a sponsoring organization, though *The State We're In* doesn't appear yet on WAMU's schedule.

As one might expect for a newly-launched program, the website for *The State We're In* offers several opportunities for listener interaction. You can reach the website for *The State We're In* via the usual Radio Netherlands website (<http://rnw.nl>), but the program also has claimed its own domain, <http://www.thestatewerein.org>. The website offers a forum (which wasn't operating when I recently checked it) and a chance to pose a query or conundrum to Shabnam Ramaswamy, a young Indian woman who has demonstrated Solomon-like justice without benefit of legal training nor official status; her approach is even supported by the local police.

Other new Radio Netherlands programming

There have been other changes to Radio Netherlands' programming in addition to the launch of *The State We're In*. Here's a rundown of other programming that joined the Radio Netherlands schedule as of the end of March

Flatlanders

This is a program featuring conversations with people who have a connection with the Netherlands; I outlined this program in the April *Easy Listening* column. *Flatlanders*

airs on shortwave at 1130 on Thursdays; 0027, 0127 and 0427 on Fridays; 1900 Saturdays, and 0000 Sundays.

Echoes

This is a weekly 15-minute listener-comment / "mailbag" program, hosted by Mindy Ran. One segment consists of commentary from Perro de Jong. Most of the letters are simply read in the studio; some comments from Yours Truly on *The State We're In* were aired in the June 23rd edition of the program. *Echoes* airs to North America Saturdays at 1942, Sundays at 1142 and 2042, plus Mondays at 0042, 0142 and 0442.

Arts & Culture

This is mostly a mix of art- and culture-focused features that previously aired in either *Vox Humana* or as a *Documentary*; shortwave air times to North America include Wednesdays 1130, plus Thursdays 0027, 0127, and 0430. Once each month, a newly-produced series, *Radio Books*, airs in this timeslot; *Radio Books* is an eclectic collection of short stories by Dutch and Flemish writers presented for the first time in English translation. *Radio Books* will become a weekly feature as of the Winter 2007 schedule.

Other programs currently on the Radio Netherlands schedule previously discussed here include *Network Europe*, *Research File*, *Amsterdam Forum*, and the daily *Newsline* current affairs program. All these programs can be heard in Radio Netherlands's daily shortwave broadcasts targeting North America, as well as via the World Radio Network, live webcast, on-demand streaming, and podcast.

As you review this list, you'll see some familiar programs are no longer aired: *Documentaries*, *A Good Life*, *Vox Humana*, *Dutch Horizons*, and *EuroQuest* have all ceased (or possibly just suspended) production. This certainly gives further emphasis to the importance of *The State We're In* on the Radio Netherlands schedule.

Other summertime changes

Radio Australia

The University of Melbourne's Asialink Center promotes understanding of the countries of Asia and creates links with Asian counterparts. Radio Australia has begun to air a series of lectures entitled *Five Minutes to Midnight*, dealing with the Doomsday Clock, which was established in 1947 at the University of Chicago to reflect concerns over the risk of nuclear war.

The initial MP3 file from the program is available, and one can subscribe to a podcast, but the program doesn't appear in the program schedules offered at the Radio Australia website. It appears to be a very occasional series, airing once per month or less. I'll update the schedule via the NASWA Flashsheet, my blog (<http://intlradio.blogspot.com>) and the *swprograms* list.

Canada's CBC Radio One

While the CBC's domestically-produced English language spoken-word programming is no longer aired on shortwave, many shortwave enthusiasts still listen to the CBC via its online streaming and Sirius satellite radio outlets.

The CBC traditionally puts several regular series on hiatus, and launches new series or brings back old ones for a repeat performance. I tend to miss these, but this year I have made notes on them just as the CBC's summer season has started. Here's what you can expect from now through September 2nd that's different:

Afghanada, August 6th – August 31st: This widely-regarded dramatic series that probes the war in Afghanistan through the eyes of Canadian soldiers. Every day, Canadian soldiers on the ground confront the chaos and violence of life in Afghanistan. *Afghanada* offers a grunts'-eye-view of the conflict, mirroring events currently taking place overseas. Airs Weekdays 1130 AM local time (see notes below); *Afghanada* is not on the Sirius satellite radio schedule.

All The Rage: Steven Page (of the Barenaked Ladies rock group) takes an entertaining look at fads and trends through the ages... and uncovers the surprising ways they connect to our lives today. Tuesdays 730 PM and Saturdays 11 AM, local time; Saturdays 1400, Sundays 0000, Tuesdays 2230 and Wednesdays 0230 (all times UTC) on Sirius Satellite Radio.

Climate Currents: Anna Maria Tremonti distills some of the highlights of *The Current's* climate change coverage into a compelling series of portraits of the people and places affected by climate change and provocative discussions of the issues Canada and the rest of the world will have to deal with. Mondays at 930 AM and Thursdays 730 PM local time; Mondays 1230 and 1530, plus Thursdays 2230 and Fridays 0230 on Sirius.

Crossing Boundaries: 30-minute documentaries from sources we know well: Radio Netherlands, the BBC World Service, New Zealand's National Radio, and Australia's Radio National. Tuesdays 330 PM local time (some locations) and Sundays 730 PM local time (830 PM in Atlantic Canada, 900 PM in Newfoundland); Tuesdays 0830 and Sundays 2230 on Sirius.

Destination Wellsville: A weekly half-hour show tracking the personal journey of Canadians in one community as they to get and stay healthy. From deciding on the right cancer treatment - to trying to get fit - we follow the people of Kentville, Nova Scotia on one leg of their on-going effort to stave off the inevitable. Airs Thursdays 930 AM and Sundays 1130 PM, local time; not aired on Sirius.

Feeling The Heat: A new program that inspires Canadians to get serious about the environment. *Feeling the Heat* will provoke passionate debate and showcase a world of innovation in the fight to keep our planet healthy and livable. Airs Fridays 930 AM local time; Fridays 1230 and 1530 on Sirius.


Festival of Funny: This program brings you the best standup comedy in the country from the stages of the CBC Winnipeg Comedy Festival and the Ha Festival in Halifax. Saturdays 1130 AM local time; Saturdays 1430 and Sundays 0030 on Sirius.

Flavour Of The Week: Explore a new culinary flavour with people who know how to make the most of it! Salt, Peppers, Vanilla, Durian, Saffron, Sambal, Kim Chee, Lemongrass, Bay leaves...the list goes on! Social and cultural references to literary, scientific and historical facts are explored. Wednesdays 330 PM (some locations) Fridays 730 PM local time; Wednesdays 2030, Thursdays 0230, Fridays 2230, and Mondays 0130 on Sirius.

White Coat, Black Art: Dr. Brian Goldman takes listeners through the swinging doors of hospitals and doctors' offices, behind the curtain where the gurney lies. It's a biting, original and provocative show that will demystify the world of medicine. Doctors, nurses and other healthcare professionals will explain how the system works, and why, with a refreshing and unprecedented level of honesty. Wednesdays, 930 AM and Sundays 11 AM local time; Wednesdays 1230 and 1530, plus Sundays 1300 and 1800 on Sirius.

Times shown as "local times" apply to the various live streams offered by the CBC; live streams include five of Canada's six time zones (Atlantic, Eastern, Central, Mountain, Pacific). This corresponds to a range of UTC-3 to UTC-7; you can select relevant live streams at <http://www.cbc.ca/listen/index.html>. All times shown for Sirius satellite radio are UTC.

There are a few others I didn't have space for - check out additional details at <http://www.cbc.ca/radiosummer/index.html>.

Hope your summer brings you good listening - use the time to fix those outdoor antennas, and remember to unplug those antennas when thunderstorms are nearby! See you next month - 73 DE Richard 

Shortwave Center

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

How's your summer going so far? This month we have a rather eclectic collection of articles that we hope will prove good reading whether in the shack, on the back deck or at the beach.

George Poppin is a name that most should have come across if they've spent any time in the hobby over the last—say—seventy (!) years or so. George has been an official monitor for several international broadcasters, in the case of some for decades. As he reaches his 89th birthday, we wish him continued good health (and, of course, good listening!) and thank him for this fascinating retrospective that graces our pages this month.

Anker Petersen is another familiar name in the hobby who writes prolifically on a wide range of topics. But he is perhaps most known for his work surrounding the topic of the tropical bands. Unfortunately, the trends in usage of those bands have not been promising for some time and this month in *The Journal*, he reluctantly reports that those tendencies show no sign of reversal.

"Prolific" is also a term that aptly describes our very own fearless leader, Rich D'Angelo. (There might be others, but this is neither the time or the place for that.) This month,

Rich gives us another in his "DX Target" series. Venezuela wasn't always such a hard catch, as Rich details; but at least there's still something of a shortwave nature there in addition to that Cuban relay we've all heard.

Then, we have a few shorter news update items on topics like the VOA (which we've covered extensively recently in *The Journal*), Canadian radio listening habits, South African rejection of BPL on interference grounds (*See? They get it; why can't we?-ed.*), and the continuing debate over the efficacy of Radio-TV Marti.

Finally this month, in an excerpt reprinted from the National Association of Shortwave Broadcasters' (NASB) June Newsletter we seek and get at least some answers (at least a more or less "official" version) to that increasingly insistent question, "Where are the DRM (Digital Radio Mondiale—digital shortwave) receivers we've been promised for so long?" NASB has embraced DRM with a near "full Nelson" and, in future months in *The Journal*, we'll be reporting much more on this subject from the organization that represents the interests of North American shortwave broadcasters.

Please enjoy the warm season, think good DX and take care of yourselves. See you in August.

To catch a long distance radio station

By George J. Poppin

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"Rags, bottles, sacks," droned out the raspy voice of the junk man as his horse clomped along Rhode Island street pulling a wagon load of recently purchased usable merchandise from the people who lived atop Potrero

Hill, Baghdad-By-The-Bay, San Francisco, California, "Rags, bottles, sacks!" I anxiously waited for the junk man for he might have copper wire or a condenser, which I needed to build my crystal radio set. An old pair of earphones would do, even an insulator for my aerial, which would bring in radio signals as they traveled through ether waves of the sky.

It was 1932! What thrilling, curious and exciting moments were on hand as I completed building my aerial atop of our flat at

980 De Haro Street. Nephew John Seminoff, the talented genius who read "Wonder Stories" and talked about Mars and walking on the moon was on hand. There wasn't a great deal to the crystal radio set, which was constructed on a piece of pine board. Some copper wire, metal terminals, copper wire wrapped around a core, a rotating condenser as we called, a crystal lodged in a holder, a ground wire, a tickler copper wire which touched the crystal for power as electricity nor batteries were needed. The set was connected to the aerial, earphones were attached, the tickler wire found the strongest power spot, I turned the dial of the condenser and WOW, I heard radio station KPQ about five miles downtown whose transmitter was atop a tall building.

That began my experiences in catching long distance radio stations. Our nation was in a severe economic depression. People were out of work, soup kitchens abounded and a nickel was hard to get. You were rich if you had a quarter of a dollar. We didn't take the streetcar; we walked. As often as possible we walked to junkyards, Salvation Army stores and scrounged through piles of old battery radios for vacuum tubes, AB-C and D batteries and parts for our contemplated battery radio set. I found an old battery operated radio with earphones. It wasn't too big and it had "peanut" vacuum tubes, a power tube and several other tubes that went with the set. I managed an "A" battery, which lit the filament of the tube, a "B" battery which made the electrons flow from the plate to the grid of the tube (or vice-versa) and other batteries, which enhanced the power of the operation of the radio. It had a metal pointer dial for selecting radio stations. After connecting the maze of bare copper wire from A battery to B battery and a wire from A to B and C batteries, the whole set up looked like a tangled mess of crossed bare copper wires. Don't touch! A miracle was about to happen! And the miracle did happen. Under good radio atmospheric conditions I was able to catch the pioneer radio station KQW in San Jose, California; KRE in Berkeley; KTRB in Modesto; KFBK in Sacramento; and it was rarity to catch KNX in Los Angeles. My earphones suppressed the howls and roars of the static and only my ears were able to

take the brunt of noise in catching a long distance radio station. I took sheer delight and pleasure to tell my radio buddies of my radio catches for the night.

While attending Daniel Webster Junior High School in 1932, we had a General Science teacher by the name of Mr. Radke. What a consoling friend who listened to my tales of woe of trying to understand how a sound could travel many miles and could be heard without the use of wire. We had a chapter on **electricity** and on one occasion in class he connected a battery radio set and explained in plain terms the various functions of the aerial, batteries, ground wire, and basics of the radio operation. What a pal! For now I had someone to go to with my questions about radio.

On some afternoons I sold the *Ladies Home Journal* and *Saturday Evening Post* magazines on a door-to-door basis. My salary was 42 cents per hour after school operation. Some of the money was saved for a tube radio set. *ELECTRICITY* magazine offered many diagrams for building radios and I read radio articles extensively. Then came the day and I delved into the intricacies of building a radio set. What a contraption! It took the skill of an artist to maneuver the huge soldering iron. The soldering iron was about one foot long. It had a wooden handle and a one-half inch rod, which held the huge, monstrous, and octagonal chuck of brass, which was filed down to a point of melting solder. It had to be heated on a natural gas burner until it seemed to glow. Efforts to get that hot soldering iron in between radio parts and copper wire to melt a piece of solder for a solid connection was an inborn talent. That soldering iron will forever be my nightmare. Go to pier 54 and throw the dumb thing overboard.

In the early days of my listening to catch a long distance radio station, I incorporated the use of our upright piece of furniture, which was a Philco electric radio. It stood in our living room and an outdoor aerial was attached to it to get the better audio reception. Many hours were spent dialing that beauty. Long after the family went to bed I would close the living room door, turn

on the set and catch distant radio stations amid the roar and howling static which had to be turned down for I did not have earphones. No daylight time and the best time for distant stations was after 8 pm on the west coast. Many east coast stations went off the air around 9 pm and only the more powerful radio stations remained to be heard. The dial was turned very slowly and you caught a strong station, listened to it and then came the fade of the radio signal. You stayed with that station even though the audio was the chug, chug of a fading signal until the strong audio came back again. At last I got an ID. I heard KSL Salt Lake City. Unbelievable! That far away? I listened further and heard KOA, Denver. That was enough tuning in for that night. My family was able to sleep and dear Dad was proud of my accomplishments. What news I had to tell my friends the next day! I caught Salt Lake City and Denver, Colorado in one night!

On another night behind the upright Philco, I caught the Canadian station CFMN in Calgary, Alberta They were playing cowboy music... violins, guitars, and vocals. I heard cowboy music and songs at their best. Remember, I walked right in, turned right around and walked right out again. That radio catch was a thrill I will never forget.

My knowledge of radio propagation conditions was limited. I never saw a bit of literature pertaining to it. We knew that nightfall meant sky conditions, which usually enhanced the reception of distant AM radio stations. Rainy nights supposedly improved the strength of radio signals. I had seen a verification card, which asked for "weather conditions in your area." Not a thing was mentioned about the ionosphere and its various layers. Maybe I wasn't at the right place to obtain such information. Occasionally we saw biplanes droning in the sky and supposedly they were weather planes, which told us about weather conditions but not a thing about radio propagation. I did not know about radio station wwv and I don't think it was in operation during the golden years of yesteryear. We listened to the radio for distant stations, caught them and recorded that fact in our

memory. Someone told me that I could write to KSL and CFMN and get a card stating that I heard those stations. I did not know the procedures to follow or the person to write to. That ended my little knowledge of QSL cards during those years.

There always had been some confusion about defining shortwave radio. We heard amateur radio "ham" operators droning out there cq! cq! Calling cq! Incessantly and heard the conversation between the two ham operators. To catch audio from a shortwave radio station from another country was not to be obtained for a few years to come. Thus when shortwave radio was mentioned in those days, people associated shortwave with the ham operators or the sparkies who communicated via dots and dashes. I did not have a shortwave radio, but I heard a lot about them. I was an AM listener to distant radio stations.

The radio sets during the early 1930s with which I associated were AM radios. They ranged from small tabletops to huge pieces of furniture with a lot of vacuum tubes. The more tubes the better. My uncle was building a super heterodyne radio and we marveled at his ability to do so. We heard of persons who built such powerful radios that they caught overseas stations. Unimaginable! Some did build such sets but I had never seen one. In my world of radio, my chance to catch those shortwave stations would come in later years.

I was amazed that I was able to catch radio stations WGN in Chicago, KDK in Pittsburgh, WCAU in Philadelphia. WLW was a good catch. The highlight of my distant radio stations encounters was WBT Charlotte, brought goose pimples to my skin! I was able to hear across the United States of America and that to me was the catch of a lifetime.

A few years went by and we bought an upright radio whose dial showed "shortwave." One night, I came home and dialed the shortwave spectrum of that radio. With a bit of fine-tuning, I could hear a voice in the Russian language. I understood the Russian language and before long I heard the words identifying the Russian station

as Khabarovsk in the far eastern part of Siberia. Fantastic! I awakened my father and he came over to listen. The ID practically floored Dad. I was now a shortwave listener.

Years went by. I graduated from Commerce High School and I attended Santa Clara University on a football scholarship. The Jesuits were of great help to me in all ways and I enjoyed playing football for Coach Lawrence Timothy "Buck" Shaw.

As an officer in Field Artillery with the 66th Black Panther Division, I had many occasions to be fascinated by the shortwave radios, which were used by the US Army. That was the first real experience for me with shortwave radios.

After the war in Europe, I came home from Berlin to my wife, Dottie, and I pursued a secondary school teaching credential via GI Bill of Rights. I did not have time for radio until the 1970s. I purchased a Sony shortwave radio from the Emporium Dry Goods store. What a job it was to try and catch a shortwave radio station. The radio had several bands with different frequencies that were not shown in their exact numerical value. I would have to split hairs and get out the slide rule to determine a frequency. 21740 kHz was caught on 21532 7/8 kHz. 11620 showed as 11052 and so on. What a maze of fractions and decimals. I accepted the fact that the frequency, which I caught, was correct as indicated on the frequency schedule of a radio station. When submitting my logs for publication in the various radio clubs' bulletins, I would get back static from some of the old timers who would call em on the exact frequency and tell me that I was off by a decimal point or two on the frequency and that I was reporting a wrong frequency. To top it off, they would show and tell me in print in various radio bulletins.

The North American Shortwave Association was established in 1961. I joined it some years later and am enjoying the friendship and unity of a wonderful and special group of people of everyday life... shortwave listeners. I purchased my FRG-7 radio set and in a few years my filing cabinets were

bulging at the seams with literature and QSL cards from radio stations in many parts of the world. Radio Netherlands continues to send me their frequency schedules. Corresponding with SWLers is fun. Programs of the radio stations are educational and I love the music. I became a technical monitor for several leading world band radio broadcasters and continue in that capacity today. I continue to read a lot about world band radio. *Dxing according to NASWA* by Ed Shaw is recommended for the beginning SWLer.

About 1975, Larry Magne asked me to be one of his technical monitors for he was the frequency coordinator in the USA for Kol Israel and needed a monitor on the west coast of the USA. There began a long lasting and cordial friendship with Larry, which lasts to this day. He is a true friend who came to my rescue many times. He and his wife, Jane, have been at our home for dinner. Pietr Martins and May of Radio RSA, visited our home as did Tuvan Keenan and Bella of Kol Israel. Zhang "Jenny" Qingnian was a frequent visitor to our home. Miss Giusy Moretti of Radiotelevisione Italiana was a recent visitor. Today, I can pick up the telephone and dial Ankara, Turkey and talk to their engineers. I have had the occasion to talk with Daniel Bochent of Telediffusion de France. Andy Clark and Jon Luckins of BBC World Service heard my voice in London. I couldn't do these things in 1932. I think that I am helping people to try and understand one another via radio. It is not that expensive to try and accomplish that feat.

With regular reporting of monitoring logs to Radio Beijing (China Radio International) came a two week, all expenses paid vacation for Dottie and I to China where Miss Fan Faguang was our personal guide. In 1989, Dottie and I were flying on our way to Ankara, Turkey for a ten-day visit with our friends at TRT and the Voice of Turkey. We had visited Radio Moscow and Radio Kiev in 1976.

Here it is April 1996 and my Sony ICF 2010 continues to be a marvel. Catching a radio station is like touch dialing a telephone number. I must mention my beautiful

monitoring post in San Francisco, Baghdad by the Bay. As I sit at my school, solid oak teacher's desk, I see Twin Peaks to the left of me, the cross atop Mt. Davidson in front of me. On the other side of the room I view the beautiful and calm Pacific Ocean. A clear

unobstructed shot in all directions. Many miles from many lands but I can contact many of those lands by the mere pressing in a frequency number on my Sony 2010. Now that is living! I shall always be a listener to distant radio stations.

Trends in tropical bands broadcasting 2007

by Anker Petersen

Since 1973 the Danish Shortwave Club International has published an *annual* publication which first covered the frequency range of 2200 to 5800 kHz and was called the *Tropical Bands Survey*. But since 1999 I expanded it as editor to cover all domestic broadcasting stations on shortwave from 2200 kHz to 30 MHz. That is now called the *Domestic Broadcasting Survey*—the DBS—and it is popular worldwide among hard-core DXers. Our latest edition was published in May 2007.

The task for the editor of the DBS is, throughout the year until the next publication, to check the bands himself and follow the loggings from our members and other DXers around the world. For each station in the list, a note is taken of the months when it has been heard. If a station has

not been heard by any DXer during the past 12 months, it is deleted. By this measure, the DBS contains only the active domestic broadcasting stations.

With this systematic registration of broadcasting stations on the tropical bands each year, it is possible to make some statistics on how many frequencies were *active* in each part of the world and compare these numbers.

I have selected the *Tropical Bands Surveys* published with 12 years intervals in 1973, 1985 and 1997, and the *Domestic Broadcasting Surveys* from 2003 and 2007. For each of these five years I have then counted the number of *active* domestic broadcasting stations between 2200 and 5800 kHz. International broadcasters, clandestine and pirate stations are *not* included in these statistics.

Active domestic transmitters on 2200–5800 kHz

Region	1973	1985	1997	2003	2007
Central Africa	102	76	40	26	22
Southern Africa	57	39	33	9	9
Middle East	9	4	1	0	0
Indian Subcontinent	62	45	45	36	36
South East Asia	40	29	21	7	6
Indonesia	171	105	65	19	15
China, Taiwan, Mongolia	119	110	75	44	39
CIS (former USSR)	61	59	47	21	9
Far East	38	28	28	17	12

Papua New Guinea	17	20	20	20	16
Australia and other Pacific	10	4	13	7	12
Central America, Mexico	21	23	24	17	10
Caribbean	29	3	3	4	3
Northwestern South America	98	41	19	5	3
Ecuador	47	33	22	13	8
Peru	78	69	78	53	39
Bolivia	35	42	25	15	22
Brazil	107	87	67	50	45
Southern South America	5	2	1	0	1
Total	1106	819	627	363	307

We are approaching the end of the Era of Domestic broadcasting on the Tropical Bands for two main reasons: The technical standard of a large part of the transmitters in the tropical countries is poor and they cannot be repaired for economical reasons. In more developed countries the domestic shortwave transmitters are being replaced by FM networks. The trend above is clear: The falling trend continues although it has leveled out the past three years.

The average number of closed domestic stations per year during 1997–2003 was 44

whereas it was only 14 during 2003–2007. The extraordinary steep fall at the very end of the 20th century is now replaced by a more “normal” closure of less than 15 domestic frequencies per year. If that trend continues, this means, that the last domestic broadcaster may first close down on the tropical bands around year 2029! Countries like Brazil, Peru, China, India, Bolivia and Papua New Guinea are still dominating the tropical bands. However, it is expected that AIR is going to replace SW by FM within a few years.

Stations on the tropical bands which have closed down in 2005–2006, including international stations and clandestines.

kHz	kW	Station	Country	Last log
2338	-	Minsk utility station (USB)	Belarus	OCT05
2350	-	KCBS, Sariwon Bangsong	North Korea	MAY05
2371	-	Minsk utility station (USB)	Belarus	APR06
2390	0,5	R Huayacocotla, Veracruz	Mexico	JAN06
2490	1,6	R 8 de Setembro, Descalvado, S. Paulo	Brazil	APR06
2654	-	Minsk utility station (USB)	Belarus	MAY05
2738	-	Minsk utility station (USB)	Belarus	AUG05
2829	-	Minsk utility station (USB)	Belarus	JUL05
3215	50	R Feon'ny Filazantsara, via Talata-V.	Madagascar	MAR06
3223	50	AIR Shimla, Himachal Pradesh	India	OCT06
3231,8	10	RRI Bukittinggi, SW	Indonesia	JAN06
3235	10	R West New Britain, Kimbe	Papua New Guinea	APR06
3245	10	R Gulf, Kerama	Papua New Guinea	OCT05

3270	100	WWRB, Manchester, Tennessee	USA	APR06
3289,9	0,5	R Centro, Ambato, Tungurahua	Ecuador	OCT05
3300	10	R Cultural, Guatemala City	Guatemala	JAN05
3306	-	ZBC, Guineafowl, Gweru	Zimbabwe	JUN06
3315	50	AIR Bhopal, Madhya Pradesh	India	OCT06
3344,6	0,5	R Ayopaya, Independencia, Cochabm.	Bolivia	FEB06
3365	20	AIR Delhi, Khampur	India	OCT06
3375	10	R Western Highlands, Mount Hagen	Papua New Guinea	JAN06
3390	10	AIR Gangtok, Sikkim	India	OCT06
3930	-	R Voice of Komala, via No. Iraq	Clandestine	APR06
3955	100	Voice of Russia, Vladivostok	Russia	JAN06
3960,1	10	RRI Palu, Tondo, CC	Indonesia	JAN06
3970,5	-	KCBS, Wonsan, Kwangwong	North Korea	JUN05
3980	100	R Liberty, via Biblis	Germany	MAR06
3985	100	VOA, via Biblis	Germany	NOV05
3985	250	VOIRI, Ahwaz	Iran	MAR06
4160	-	Voice of Independence, Northern Iraq	Iraq	SEP05
4300	-	R Bella, Tingo Maria	Peru	NOV05
4610	-	R Voice of Komala, via No. Iraq	Clandestine	DEC05
4760	100	R Liberty via Yangiyul	Tajikistan	FEB06
4761,7	-	R Guanay, Guanay, La Paz	Bolivia	FEB06
4765	10	R Integração, Cruzeiro do Sul, Acre	Brazil	AUG05
4830	15	China Huayi Brc. Corp., Chengdu	China	JAN06
4855	-	Minsk utility station (USB)	Belarus	JAN06
4875	100	R Hara, via Dusheti	Georgia	FEB06
4885	1	R a Voz do Coração Imaculado, Goiás	Brazil	OCT05
4890	250	R France International, Moyabi	Gabon	JAN06
4890,1	-	R Macedonia, Arequipa	Peru	JAN06
4895	10	RTM, Kuching-Stapok, Sarawak	Malaysia	OCT05
4960	5	R Federación Shuar, Sucúa	Ecuador	MAY05
4960,4	1	R Global Internacional / R Cima	Dominican Republic	SEP05
4982	-	Minsk utility station (USB)	Belarus	SEP05
4995	100	R Liberty via Yangiyul	Tajikistan	FEB06
4995,6	2	R Andina, Huancayo, Junín	Peru	MAY05
5030	5	R Los Andes, Huamachuco, L. Libertad	Peru	SEP05
5035	100	R Centrafricaine, Bangui-Bimbo	Central African Republic	JAN06
5035	500	WEWN, Vandiver, Alabama	USA	MAY06
5050	-	R Integración, Abancay, Apurímac	Peru	OCT05
5055	5	R Jornal A Crítica, Manaus, AM	Brazil	JUL05
5134	-	Minsk utility station (USB)	Belarus	AUG05
5265	-	La Voz de Chiriaco, Chiriaco, Imaza	Peru	JUN05
5500	-	Voice of Peace & Democracy of Eritrea	Clandestine	JAN06
5500	10	Voice of the Tigray Revolution	Ethiopia	DEC06
5678	1	R Ilucán, Cutervo, Cajamarca	Peru	OCT05
5699,8	-	R Triple SH, San Ignacio, Cajamarca	Peru	FEB06

DX Target:

Radio Amazonas Internacional

The Dying Breed of Shortwave Stations from Venezuela

By Richard A. D'Angelo

Located in the Amazonas State, Radio Amazonas Internacional is one of only a few remaining shortwave broadcasters on the air from Venezuela. Once a leading country in terms of broadcasting on the shortwave bands, today Venezuela is a difficult country to log and subsequently verify. However, one station is heard on a fairly regular basis—a relative term when discussing Latin American shortwave stations—making Venezuela a possible target for the new shortwave listener as well as the veteran DXer. This DX Target will focus on the country, the station and its geographic region.

Venezuela

Venezuela was one of three countries that emerged from the collapse of Gran Colombia in 1830 (the others being Colombia and Ecuador). For most of the first half of the 20th century, Venezuela was ruled by generally benevolent military strongmen, who promoted the oil industry and allowed for some social reforms. Democratically elected governments have held power since 1959. Hugo Chavez, president since 1999, has promoted a controversial policy of “democratic socialism,” which purports to alleviate social ills while at the same time attacking globalization and undermining regional stability. Current concerns include: a weakening of democratic institutions, political polarization, a politicized military, drug-related violence along the Colombian border, increasing internal drug consumption, overdependence on the petroleum industry with its price fluctuations, and irresponsible mining operations that are endangering the rain forest and indigenous peoples.

The country is located in Northern South America, bordering the Caribbean Sea and the North Atlantic Ocean, between Colombia and Guyana. The climate is tropical; hot and

humid but more moderate in highlands. Covering an area of 912,050 square kilometers (566,383 square miles), Venezuela extends up to 1,290 kilometers (801 miles) east to west and 1,050 kilometers (652 miles) north to south. Elevations range from sea level to 2,500 meters (8,200 feet) in the Guiana Highlands and up to 5,007 meters (16,427 feet) in the Andes Mountains.

The country's 25 million inhabitants speak Spanish as the official language with numerous indigenous dialects used throughout the country. The people are mainly Roman Catholic (96%) and Protestant (2%). Venezuela's capital, Caracas, and the majority of the developed land are situated in the Central region. Grasslands occupy half of the country, and forests cover about two-fifths, varying from true rainforest to semi-tropical evergreens. Only a small portion (less than 4 per cent) of the land in Venezuela is cultivated.

Venezuela remains highly dependent on oil revenues, which account for roughly 90% of export earnings, more than 50% of the federal budget revenues, and around 30% of Gross Domestic Product (GDP). Tax collection, Venezuela's primary source of non-oil revenue, surpassed \$23 billion in 2006. That exceeded the year-end collection goal by more than 20%. A nationwide strike between December 2002 and February 2003 had far-reaching economic consequences with real GDP declining by around 9% in 2002 and 8% in 2003. Economic output since then has recovered strongly. Fueled by higher oil prices, record government spending helped to boost GDP growth in 2004 and 2005 to approximately 18% and 11%, respectively. Economic growth in 2006 reached around 9%. This spending, combined with recent minimum wage hikes and improved access to domestic credit, has fueled a consumption boom. Car sales in 2006 increased by around 70%. All this has come at the cost of higher inflation. Despite government

attempts to withdraw liquidity from the economy, Venezuela's money supply set a record in June 2006, approximately 70% higher than the previous year. Imports have also jumped significantly.

Amazonas State

Covering 175,500 square kilometers, the state of Amazonas encompasses over 20% of Venezuelan territory. Extending south from the convergence of the Río Orinoco and Río Meta, the state is bordered by Colombia to the west and Brazil to the east. With its dense jungles, maze of rivers, the Amazonas is one of the most biodiverse and least explored regions of the world.

In the north, the dry season is from December to April, and the rainy season from April to November. The temperature peaks in April, reaching 24-30° Centigrade. Further south, the dry season becomes shorter and less distinct.



In 1856 the Amazonas was known as the territory of the Black River and was part of the County of Guayana. This was constituted as part of the Federal Territory in 1864. By 1940 the region was broken up into several departments: Atabapo, Atures, Caciquaire and Black River. Amazonas State is the second largest state in Venezuela occupying approximately 19% of the country's land area. The rapid growth of the state has seen marked improvements in the roads and communications capability of the region.

Puerto Ayacucho, home to Radio Amazonas

Internacional, is the state capital. With a population of 74,000, it is home to nearly 93% of the region's population. Located about 70 kilometers south of the convergence of the Orinoco and the Meta, the town has the only overland link with Amazonas and is the commercial hub of the region. The capital, together with the town of Samariapo, was established in 1924 to provide a road bypass for the treacherous Maripure rapids on the Orinoco. This road, which marks the division between the upper and lower Orinoco, was an essential connection in the transport of goods up and down the river. The town, isolated by a single dirt track running north, remained little more than a link in the chain. However, in 1980, the road was paved and river transport replaced with overland transport, bringing prosperity to the town and transforming it into the commercial center it is today.

The inhabitants are mostly crillos, mixed indigenous and Spanish blood. There are a number of local indigenous tribes including the Yanomami, the Panare, the Bari, Piaroa, and Guajibo (also known as Jibis). Puerto Ayacucho has a small airport and has good bus connections to San Fernando, El Burro, San Felix and Ciudad Bolívar. There is little traffic on the river these days. There is a range of medium and low cost hotels. While the city itself is not generally considered attractive, most visitors agree that the surrounding country is magnificent.

Several sites of interest are dotted around Puerto Ayacucho, including a museum, a cathedral and local markets selling Indian artesanía of every description. Within walking distance are the two most popular tepuis, Cerro Perico and El Mirador, both of which have breathtaking panoramic views. A short distance away is La Parque Tobogán de la Selva, a natural waterslide and popular weekend destination among locals. Also nearby are the beautiful waters of Pozo Azul and the pre-Colombian petroglyphs of Cerro Pintado. Puerto Ayacucho is also the best place to organize tours into Amazonas.

The Station

Radio Amazonas Internacional is listed to operate on a nominal frequency of 4,940 kHz but in fact operates slightly below that frequency on 4,939.6 kHz (variable).

They commence the broadcast day at 1000 UTC and sign off at 0400 UTC on an irregular basis with a one kilowatt transmitter. Lively Latin musical fare is usually heard. With the dwindling number of Latin shortwave broadcasters, Radio Amazonas Internacional remains one of only a small handful of stations available to log and verify Venezuela.

The station is a better than average verifier of listener reception reports. QSL Manager Jorge García Rangel has stepped forward in recent years enabling the station to reply to reception reports. A reply usually consists of a personal letter from Jorge plus a full data logo QSL card signed by Angel M. Pérez, Director. Spanish language reception reports with US\$2.00 can be sent to the station at:

Radio Amazonas
Econ. Jorge García Rangel, QSL Manager
Call Roma, Qta: Costa Rica No. A-16
Urbanización Alto Barinas
Barinas 5201
Venezuela

Nombre: Sr. Richard A. D'Angelo
Dirección: 2216 Burkey Drive, Wyomissing, PA 19610
U.S.A.

Agradecemos su Reporte:
del día 09 de Septiembre de 2004 en la Frecuencia 4.940 KHZ
Gracias por tan valiosa colaboración. 09:37 a 10:14 UTC.

Radio Amazonas La Radio
Puerto Ayacucho, Estado Amazonas,
VENEZUELA

RADIO AMAZONAS, S.A.
Angel M. Pérez
DIRECTOR

FY 2008 International Broadcast Funding At a Critical Crossroads

Public Diplomacy Council
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The George Washington University
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A Public Diplomacy Council consensus strongly recommends that the u.s. Senate

1. Reaffirm the House of Representatives' commendable reversal in House Report 110-197 and HR 2764 of the Broadcasting Board of Governors FY 08 plans to: a) abolish Voice of America worldwide English radio broadcasts

As always, remember to send in those Radio Amazonas Internacional logs to electronic *Flashsheet* editor Mark Taylor and to Dan Ferguson for the *Log Report*. Of course, QSL verifications should be sent to Sam Barto for inclusion in the *QSL Report* column. Good luck with this DX Target.

and b) eliminate or reduce 13 other VOA languages, as well as eight languages at Radio Free Europe/Radio Liberty and Radio Free Asia.

2. Increase the total FY 08 appropriation for U.S. international broadcasting from \$668 million to \$694 million to restore all core services as recommended by a bipartisan group of 11 former VOA directors earlier this year.

Background

For the past 65 years, VOA has been the nation's only official worldwide overseas broadcast network. Today, it reaches 115

million listeners and viewers around the globe each week, in addition to millions of readers via its websites in 45 languages. Since the end of World War II, English, the predominant language of the United States and of world diplomacy, trade and communications, has been VOA's flagship broadcast service. Over the past five years, however, the worldwide English radio service has been substantially reduced from around the clock to only 14 hours daily. Critical VOA English programming to the Middle East, Europe, and Latin America has disappeared, as have several of the relay stations that delivered it. Under the latest FY 08 cuts recommended by the BBG, the English service would vanish altogether. Only a residual stream of highly targeted English programming to Africa would remain, along with a few hours daily of limited-vocabulary Special English. Under the proposed cuts, six other VOA languages would be abolished outright and nine more would have their schedules reduced, some retaining only small TV units. At RFE/RL, there would be reductions in six services. RFA would lose one service and face reductions in another.

Fortunately, the House has recognized that despite program expansions to Muslim countries, these cuts would in effect gut the nation's overseas broadcasting capability nearly everywhere else. For that reason, the Council urges the Senate to enhance the House's commendable \$15.7 million restoration of VOA core services by adding \$10 million more. This would:

- a) renew VOA's classic role as an honest reflector of trustworthy and accurate news and analysis, and conveyor of American ideals and policies as well as policy debates
- b) preserve the vital place of RFE/RL and RFA as respected news sources to societies they reach
- c) pave the way for restoration of VOA's Arabic service recommended by this Council and the Council on Foreign Relations and for retaining VOA Russian on radio (not included in the House reversals) and

- d) provide additional resources to restore vital program development, news gathering and transmission support cut at VOA since 2002.

Rationale

- Crises in Iraq, Iran, North Korea and the Middle East dominate the foreign policy and public diplomacy of our country. The Council endorses the Board's decision to implement national priorities in the post 9/11 period by investing more in languages of countries where Muslims are a majority. However, it urges that other strategic regions not be denied information via radio, television and the Internet vital to long range American interests. Our nation must be a significant player in the 21st century marketplace of ideas.
- Eleven former VOA directors serving in administrations from Dwight Eisenhower to George W. Bush have appealed for cancellation of the cuts at the Voice described above. Among them is Sanford J. Ungar, who says abolishing VOA English would be "absolutely absurd." He asks: "Would Radio Russia would ever stop broadcasting in Russian or Radio France International cancel programs in French?"
- Ironically, China, Russia, France, Iran and a leading Arabic channel, Al Jazeera, have all *expanded* their English services to 24/7 on radio, TV or the Internet. English is an official language in 74 countries and more than a billion people worldwide speak it.
- Continuation of VOA Russian on radio is essential. The Kremlin has cracked down on independent media, and has signaled it may soon ban all foreign relays on in-country networks. Alternative ways of reaching people there are being snuffed out daily.
- VOA and RL have distinctly different content in their programs to the

former Soviet Union. RL is a respected surrogate in reporting and analyzing events there. VOA provides regional, world and U.S. news as well as Western scientific and cultural programming to Eurasia. The two networks' schedules do not overlap. The Committee to Protect Journalists rates Russia as the third most dangerous country in the world for journalists. In China, more reporters are jailed than in any other nation.

The Public Diplomacy Council's proposed solution

For FY 08, expand funding as described above to ensure an accurate reflection of American perspectives to substantial numbers of

listeners and viewers who otherwise would be lost. For FY 09 and beyond, mandate a minimum operational benchmark at VOA (say 60%) for preservation and multimedia enhancement of core programs (central news and operations, English radio and other U.N. official languages, and those critical to the national interest.) The annual outlay for VOA should be not less than \$200 million, adjusted for inflation after FY 09. The idea: to invest sufficiently in, and restore functional stability to, the one element of public diplomacy that can reach millions of people at a time more effectively than any other.

The nonpartisan Public Diplomacy Council consists of 80 veteran professionals and scholars who advocate strengthening of the nation's overseas information, cultural and educational programs.

Canadians Listening to Less Radio

Canadians devoted less time listening to their radios as a form of entertainment in 2006 than in previous years, especially teenagers and young adults, many of whom appear to be switching to digital music players and online music services.

On average, Canadians tuned in to their radios for 18.6 hours during "measurement week" in fall 2006, down from 19.1 hours a week in 2005. Since the fall of 1999, when radio listening peaked, this average has dropped by nearly two hours.

In 2006, much of the decline occurred in two age groups: teenagers aged 12 to 17 and young adults aged 18 to 24.

Teenagers listened to their radios barely 7.6 hours a week, the lowest of all age groups. This was down from 8.6 hours in 2005 and 11.3 in 1996.

Among young adult men, listening fell from 15.1 hours to 13.7. Among their female counterparts, it slipped from 15.4 hours to 14.6.

The popularity of digital music players and online music services had the biggest impact on the radio listening habits of teens and the young adult crowd.

Senior women continued to be the most ardent radio listeners, tuning in for 22.7 hours per week, virtually unchanged from 2005. Among senior men, listening edged down from 20.3 hours a week to 19.5.

The results in this release are based on a survey of Canadians aged 12 and older. The radio project of the Culture Statistics Program is a joint endeavour of the Canadian Radio-television and Telecommunications Commission, the Department of Canadian Heritage, and Statistics Canada.

The Statistics Canada radio listening data bank integrates files from a variety of sources. The basic listening data are acquired from BBM Canada and include demographic characteristics of survey respondents. The information on specific radio station formats is provided by the CRTC.

While the return rate, at 42.5%, is modest by Statistics Canada standards, it is in line with Canadian and international broadcasting industry practices for audience measurement. However, the data should be interpreted with caution.

The Canadian Broadcasting Corporation was the most popular listening format for both

senior men and senior women. It was least popular among young adults.

Radio listening increased in only three provinces in 2006: Newfoundland and Labrador, Nova Scotia and New Brunswick.

Residents of Nova Scotia were the most avid listeners, tuning in for 20.4 hours a week. This was 3.5 hours more each week than their counterparts in British Columbia, where listening was at a nationwide low of 16.9 hours.

The largest declines occurred in Saskatchewan, Prince Edward Island and Quebec. Listening among francophone Quebecers slipped by a full hour a week. However, their anglophone counterparts tuned in to English-language radio for 20.8 hours a week, the highest level among the provinces.

Listeners in Nova Scotia and Prince Edward Island were a close second and third to anglophone Quebecers.

Adult contemporary music captures over a fifth of nation's listening time. Overall, adult contemporary music was still the first choice of Canadians on the radio.

In the fall of 2006, this station format captured 22.3% of Canadians' listening time, followed by gold/oldies/rock (13.9%). The adult contemporary format was the first choice of listeners in New Brunswick, Quebec and Ontario.

The CBC rebounded to third place in overall format ranking in 2006, with an 11.6% share of the total listening audience.

The CBC's share had dropped to under 9% during the previous year, when a lockout by management coincided with the survey period.

In fourth and fifth places were talk radio and country, each capturing about one-tenth of total audience share.

The choice of station format varied considerably from province to province. Country music was the first choice for listeners in Saskatchewan, Prince Edward Island, Nova Scotia, Alberta and Manitoba.

The CBC remained a popular choice in British Columbia and Nova Scotia, capturing 17% or so of the audience for second place in both provinces.

However, the public broadcaster was least popular in Alberta, where only 8.4% of the total audience turned it on. Country music and gold/oldies/rock were by far the leading formats in Alberta.

Talk radio was a tremendously popular format in Newfoundland and Labrador, capturing a share of almost 30% of the province's radio audience. This contrasts sharply with the rest of the Atlantic provinces, where talk radio's listening share was virtually non-existent.

From: <http://www.broadcaster-magazine.com/issues/ISAarticle.asp?id=70616&issue=06262007>

As reported by Brian Smith on the Ontario DX Association (ODXA) e-mail list.

BPL "Not Acceptable" in South Africa

Power Line Telecommunication (also known as BPL) is not an acceptable system to provide broadband connections while the interference potential to HF frequencies remains high.

This was the message that the South African Radio League delivered to the Broadband Conference held at the Sandton Convention Centre during the past week.

Proponents of PLT as the solution to bridging the digital divide' must think again, Hans van de Groenendaal, ZS6AKV, told delegates. Bridging the digital divide is about access to Personal Computers and computer literacy and not about cheap broadband delivery.

He said that the SARL is not against new technologies as long as these technologies are not at the cost of the HF spectrum, which

is a scarce national resource. He said that in fact Radio Amateurs are embracing new technologies all the time. It is part of being an experimenter.

With so many successful and more mature technologies, such as WiMAX and HSDPA available, it is difficult to understand why PLT is still pursued with such vigour.

Representative Calls for Radio Marti Hearings

June 23, 2007

By Tere Figueras Negrete, *Miami Herald*

U.S. Rep. Bill Delahunt renewed his call for congressional hearings to examine the funding and content of Radio and TV Martí, visiting Miami during a week that included a passionate debate in Washington over federal funding of programs pushing for democracy in Cuba.

The Massachusetts Democrat has been an outspoken critic of the Bush administration's policy toward Cuba, and advocates loosening the trade embargo and travel restrictions to the island.

"If we truly embrace freedom, we have to do it in a way that makes a difference," said Delahunt.

He said an examination of Radio and TV Martí's operations and finances are part of an overall need to revamp attitudes toward U.S.-Cuba relations.

"Those who have stayed the course have not made a difference in 50 years. With all due respect to them, they are the indispensable allies of Fidel Castro," he said.

Delahunt, who brought with him members of the congressional investigative staff, met with Radio and TV Martí officials including Pedro Roig, head of the U.S. Office of Cuba Broadcasting.

Currently there is no PLT equipment type approved by ICASA and no licenses have been issued.

Source: The South African Radio League via http://www.southgatearc.org/news/june2007/plt_not_acceptable.htm

Alberto Mascaró, chief of staff for the Office of Cuba Broadcasting, said the congressman came at the behest of Radio and TV Martí officials.

"It's important to note that we actually invited the congressman to visit us," said Mascaró, who described the talks as "cordial" and said network officials were confident in the transparency and efficiency of the operation.

"He did mention some things he'd like to have hearings on," he said. "That's the American system and the right of Congress to do."

Delahunt singled out finances, content, and whether Cubans on the island are able to hear the broadcasts as reasons for the hearings.

Delahunt also described the meeting as amicable, and said Roig was "very forthcoming and pledged his cooperation."

As a member of the House Committee on Foreign Affairs and the chair of the Oversight and Investigations subcommittee, he had promised congressional hearings last year shortly after Democrats won control of Congress.

Delahunt, who previously said the hearings would take place by February, said Saturday there is no set date for the hearings, but they should take place "in a couple of months."

The Miami-based Radio and TV Martí, which in recent years has faced allegations of mis-

management and political cronyism, have cost taxpayers more than \$250 million in the past decade.

The anti-Castro television and radio stations, overseen by Office of Cuba Broadcasting, were created to beam pro-democracy messages to people on the island. Congress approved \$33 million for the agency's budget last week, including \$5 million a year for an airplane to broadcast TV Martí to the island, one of the tactics used to avoid Cuban authorities jamming the broadcast signal. Critics, including Delahunt, have long accused the network of airing one-sided broadcasts, awarding plum jobs to political allies, and question whether the TV broadcasts—frequently jammed by the Cuban government—are worth the money.

Earlier this week, a draft report from the State Department concluded the broadcasts had improved significantly in recent years.

The official report has not been released, but the draft noted that anecdotal evidence suggests the broadcasts were reaching a larger audience on the island, although it did not provide any concrete numbers.

U.S. Rep Lincoln Díaz-Balart said Saturday he supported any congressional examination of Radio and TV Martí, but said the Massachusetts congressman's broader criticisms of Cuba policy were off-base.

"With regard to transparency, it's good to show these are important and effective programs," said Díaz-Balart, who said he hoped

the review will help Radio and TV Martí improve their broadcasts. "But with regard to Mr. Delahunt, he has become one of the most constant advocates of the same position shared by the Cuban dictatorship."

Added Díaz-Balart: "He really has become predictable in his extremism."

Last week also brought a heated debate onto the House floor over the future of U.S. funding of democracy programs in Cuba.

The vote was the first on Cuba legislation under a Democrat-controlled Congress. On Thursday, the House approved a major increase in money for U.S. programs that support dissidents on the island. President Bush requested almost \$46 million for Cuba democracy programs for the 2008 fiscal year, five times the amount allotted for 2007. A group of Democrats had earlier cut the aid back to \$9 million, arguing there was not enough oversight to justify the money would be well-spent. They noted a government report that cited abuse in the programs, such as the purchase of cashmere sweaters and pricey chocolates.

But a successful amendment proposed by two Cuban-American congressmen—Díaz-Balart, a Republican, and New Jersey's Albio Sires, a Democrat—brought the dollar amount back to the original proposed by the president.

<http://www.miamiherald.com/416/story/149468.html>

And where are the DRM receivers?

One of the most-asked questions about DRM these days is where are the DRM receivers that have been promised to be on the marketplace for some time now. Addressing that question and other commercial aspects of DRM was Michel Penneroux, the Head of International Broadcasting for NASB associate member Telediffusion de France, and Chairman of the DRM Commercial Committee for the past six years.

"The receivers are there," Penneroux told the attendees in Elkhart. He mentioned specifically the receivers from Sangean, Roberts, Morphy Richards and Himalaya, which recently showed a new version of its DRM receiver in Las Vegas. "TDF is testing these receivers at our lab in France. We feel that the RF front end must be improved." These receivers can be purchased on the Internet from the websites of Deutsche

Welle, T-Systems, Roberts and Himalaya. (The new version of the Himalaya receiver was expected to be available in the coming weeks after the Elkhart meeting in May.)

Penneroux acknowledged that the availability of DRM receivers has been delayed from previous timetables. "The problem," he explained, "is in this kind of situation, the timelines of the various players are different from one to the other. The broadcasters have one timeline. The transmitter industry has another. The receiver industry has many products, and what they care about is how many dollars they're going to make out of it. So you wait until the retailers say 'we want this because the customers are interested in this.' And till then, nothing may happen."

Penneroux recalled that DRM was launched officially in June of 2003. The first receiver was shown at the IFA consumer electronics show in Europe. "At the end of the day, just a few people know how to make a low-cost receiver," he said.

Secrecy is one of the difficulties involved, according to Michel Penneroux. "The numbers are very big—2.5 billion receivers to renew. Manufacturers are very secretive about what they want to do, what are their plans, when they're going to launch. This is the reality."

Another factor is the legal clearances from the national regulatory bodies that receiver manufacturers must wait on. "For those who wish to launch a receiver in Brazil or in France, for example, the receiver industry must have in hand the law, the rules, the acceptance, the endorsement by the national regulatory body of the technology which is going to be implemented in the receiver. Until they have this in hand, they wait because they say perhaps another technology will be chosen, and we cannot take the risk." This is particularly true with AM broadcasting, as many countries are currently debating which digital system to use for domestic AM broadcasting.

Another factor that receiver manufacturers are monitoring is the date of switching

from analog to digital technology in various countries: will there be the same kind of decisions as there were for digital tv? In Europe, receiver manufacturers would like to know this and it would help them work on their budget, investment, etc., according to Penneroux.

Yet another aspect being watched is the advertising industry and what they think of digital radio. According to Penneroux, "advertisers are looking for more media, for more radio."

"It's not difficult to make the radio," said Penneroux. "The problem is to make the radios in volume. I'm talking millions, hundreds of millions of receivers. Before making these decisions, you must be clear about every detail of the marketplace to secure your investment. For example, what about the competition? There's DMB, DAB and IBOC. The results are not what was expected on AM for IBOC. So the receiver manufacturers are wondering what's going to happen. This is a long-term investment."

An interesting consideration is the convergence of technologies—for example, a combined cell phone and radio receiver. "There are 800 million new cell phones in the market every year," according to Penneroux. "Broadcasters' programs could be heard on these things. This is very important for broadcasters. There are 540 million GSM subscribers in Europe. Broadcasters are expecting to have their programs there. There are two billion cellular subscribers in the world. China Mobile has 360 million subscribers, and there are five million new subscribers in China every month. It's really big numbers."

Penneroux lamented that some of the present players in the business are very conservative. "They don't see that more competition means more money in the marketplace. They wait around, and we lose time."

He noted that there are combined DAB and DRM receivers in Europe. In the U.S., he said there could be combined DRM and IBOC receivers.

ers. "And soon DRM+ will be available [for FM broadcasts]. All of these things need to be considered by manufacturers."

Penneroux said that DRM is looking to the renewal of 2.5 billion receivers in the worldwide market. "The renewal market is about 10% per year. For the same price, they will get DRM on their radio. We're promoting digital radio technology, not DRM specifically."

Michel Penneroux explained that there are 20 steps to producing a receiver. These include developing a standard, software, discussions with purchasers, research, chip manufacturing, whether to include an incorporated printer in the receiver (to print administrative and advertising messages, for example), discussions with retailers, developing brand names, etc.

Communication is an important part of the work of the DRM Consortium. National platforms are created. DRM attends various conventions and informs the industry about what's happening, as well as educating the consumer about DRM. "The audience is hearing the same kind of content on all radio stations," said Penneroux. "They're fed up with this, and they're doing their own content," referring to the growth of iPods for example. "We have to let them know what's available."

"DRM is selling nothing," maintained Penneroux. "We're just exposing a standard. We have an open standard system that's non-proprietary. We have done very detailed testing. We are building a digital radio world for the next 20 years. We are expecting by around the end of this year the first low-cost receiver with an ST chipset. The receiver will be made in China, will cost less than 50 U.S. dollars, and will have a high quality front end." Meanwhile, DRM is making promotional tours to places like China and Korea. "We have very active national platforms in Germany, France, Russia, etc. We gather all of the main players in each country in the national platforms."

And the work of the DRM Consortium is often quite complex, says Penneroux. "When you involve a Chinese manufacturer, you have to get a DRM transmitter there for tests. So you have to talk to local communist party officials, etc."

Penneroux thanked broadcasters like Deutsche Welle, the BBC, RNE (Spain), TDF and TDF among others for doing regular DRM transmissions to try to get the ball rolling from the content side.

DRM car radios are a possibility in the not-too-distant future as well. Penneroux revealed that "Kenwood—a leading Japanese automotive radio manufacturer—is involved in testing DRM for nine months now, together with ST Electronics in Europe, and the results are just beautiful. It's important to see that such a company has invested so much in DRM in order to be the first in the world to propose to the car industry the DRM option."

Radio is alive and well, said Michel Penneroux. "Advertisers need more of our airtime. Now it's time to grow the USA DRM Group because we have to go into some lobbying of the FCC, because it's going to be a commercial reality in which the U.S. may also participate and contribute to the business. So how can you contribute as a broadcaster? You can contribute with coop advertising plans to promote DRM receivers to make your listeners interested. Also, buy some of the first receivers as an investment. You can make your station even more successful with DRM."

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Kim's Column

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This column, with links, is available at this URL publicized only to NASWA members: <http://www.kimandrewelliott.com/index.php?id=1825>

Air of Truth

I don't often get an op-ed published, but the New York Times printed this on June 4th:

WHEN the Voice of America radio service first went on the air in February 1942, it promised German listeners: "The news may be good. The news may be bad. We shall tell you the truth." Because Voice of America transmitted accurate news even when things were going badly for the Allies, the audience believed its reporting when the tide of the war turned. Telling the truth built credibility, the most vital commodity of international broadcasting.

But in our current war, the Arabic-language television channel financed by our government, Al Hurra, faces Congressional criticism because of its reporting of the news. Over the past year, the station has broadcast a speech by the leader of Hezbollah, excerpts of a speech by a Hamas leader and coverage of a conference in Tehran denying the Holocaust.

Al Hurra is reviewing the newsworthiness of these stories. Whatever the outcome of this investigation, it should not lead to a change in America's basic approach to international broadcasting, as some members of Congress have proposed.

At a recent subcommittee hearing about Al Hurra, Representative Mike Pence, Republican of Indiana, said: "I believe in a free and independent press. This is, however, a diplomatic mission of the United States of America. And are we communicating in a very practical way to employees down the line that this is not a 'we report, you decide' television station?"

The president of Al Hurra's parent corporation, Brian Coniff, suggested a willingness to move in the direction advocated by Mr. Pence. "We need to find as many venues within the organization as possible that this isn't just straight journalism, but it's journalism with a mission," Mr. Coniff said.

I have worked in international broadcasting audience research during the past 30 years. Surveys and focus groups tell me that people tune to foreign broadcasts for information that is more reliable than what they get from their state-controlled domestic news media. They want "just straight journalism." They will sense if their news has "mission" mixed into it.

A station transmitting full-time advocacy of American policies would not attract many listeners or viewers. They'll tune elsewhere, probably to the BBC, whose Arabic-language television channel starts later this year. If Congress wants to do propaganda, the government should purchase advertisements in newspapers and on television stations in the target country.

Ideally, America's international broadcasting would be conducted by the private sector. This would help provide stations with the independence required to maintain credibility, and there would be no expense to the taxpayer. In reality, there are few prospects for commercially self-sustaining international broadcasting in Arabic, and almost none in Central Asian languages like Dari, Pashto, Persian or Urdu.

So the government must pay for the stations, while at the same time giving them the independence necessary to provide a credible news product. Audiences may disagree with American policies and actions, but they will be appreciative that the United States is providing an accurate, balanced news service. Propaganda to sell unpopular policies might give the audience another reason to dislike the United States.

Comprehensive news is a demonstration of democracy in action. It provides the independent journalism that is necessary for a democracy to function. It will cover the debate between the government and the opposition. And audiences will hear about politicians—American politicians—whose views are closer to their own.

Even if audiences are not compelled to agree with American policies in the present crisis, at least good will and credibility will have accumulated. Those could be useful in the next crisis. (*End of my NYT op-ed.*)

So what became of the op-ed?

Not much became of the op-ed. On that same Monday, the *Wall Street Journal* published another op-ed by freelance writer Joel Mowbray—his fourth in that paper in less than six months—hammering away again at Larry Register. On June 8th, Register resigned as vice president of news at Alhurra. On June 11th, he finally—too late—defended his position in public, by way of a letter published in the *WSJ*.

Curiously, the resignation came just as James K. Glassman became the new chairman of the Broadcasting Board of Governors. Glassman has a background in journalism—he still writes a financial advice column for *Kiplinger's*. He is also a senior fellow of the American Enterprise Institute.

As a member of the Advisory Board on Public Diplomacy for the Arab and Muslim World, Glassman advocated “bringing broadcasting under the same coordinated strategic direction as the rest of public diplomacy. We also urge that Radio Sawa adopt the right objectives—as our title says, changing minds, rather than simply building an audience.”

Well, “coordinated strategic” content is not news, and the audience will immediately smell what it really is. And how do you change minds if you do not first build an audience? In any case, international broadcasting involves a more subtle communication process that the logical positivistic Message (A) to Receiver (B) to derive Effects

(C). Communication scholars discarded this “bullet theory” in the 1940s, but the decision makers and experts in Washington continue to embrace it.

Glassman was a bit more respectful of the news function of U.S. international broadcasting in an interview published at the followthemediacom website on June 25: “I also understand and embrace the mission of U.S. international broadcasting, which is to broadcast accurate and objective news and information around the world. One of the essential pillars of freedom, here in the U.S. or anywhere, is a free press. Our broadcasters are themselves models of a free press. But in addition there is also an important foreign policy dimension to our mission.”

Oh-oh. If that means that U.S. international broadcasting will report on U.S. foreign policy, and the debate on that policy, as part of its news function, then U.S. international broadcasting might succeed. Because news is why the audiences tune in. But if it means that the content must, in deference to U.S. foreign policy, emphasize this, and not report on that, and throw in some direct appeals, like those commentaries we heard on Radio Moscow, prospects are bleak.

VOA budget update

For fiscal year 2008, the House Appropriations Committee restored funding to VOA's worldwide English, as well as VOA Albanian, Bosnian, Croatian, Greek, Macedonian, Serbian, Ukrainian, Georgian, Uzbek, Hindi, Cantonese, Thai and Tibetan, as well as some RFE/RL and RFA services. Unfortunately, full funding was not restored to VOA Portuguese to Africa, a service that really has a large audience and impact in the region. I guess Angola and Mozambique are not the U.S. foreign policy flavors of the month.

The Senate may not go along with these budget restorations, just as they did not last year. So stay tuned for more developments.

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

 SW

Listener's Notebook

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ARGENTINA 6214.27 *Radio Baluarte*, Puerto Iguazu, 1112-1120, June 22, Portuguese, Reactivated!!! (Thanks Nicolas Eramo for the tip!), Religious program (all in Portuguese). (Slaen-Argentina/DX Listening Digest/Hauser-OK)

BELARUS 6010 *Belaruskaje Radyjo*, Brest, 2250-2300, May 31, Belarusian ann, western evergreens, talk, ID, heard // 6040, 6070, 6080, 6115, 7110 and 7145—Now all night broadcasts again. (Petersen-Denmark/DSWCI DX-Window)

HFCC gives 0200-0100 for all these frequencies in the A07 season. Since about two years or so, BR 1 is 24h on FM, and they decided now to prolong the relay on SW as well. (Trutenau-Lithuania, Jun 05/DSWCI DX-Window/Petersen-Denmark)

I checked this information on Jun 07. It seems mostly correct what HFCC has announced. Here is what I heard:

0025-0100: BR-1 heard on 6010, 6040, 6070, 6080 6115, 6190 and 7145

0100-0200: Belarus only heard on 6115 (announced "Seinko?" ??) and 6190, but with different programs! All other frequencies were off.

0200-0230: BR-1 heard again on 6010, 6070, 6080, 6115, 6190 and 7145. 6040 and 7110 seemed to be off. (Petersen-Denmark/DSWCI DX-Window)

BHUTAN 6035 *Bhutan Broadcasting Service*, Thimpu, *0000v-0050v fade out (some nights it already faded out at 0010! in Denmark), May 24-June 13, test tones, Horn fanfare and Buddhist Monks singing, Dzongkha talks. (Mezin-Russia, Petersen-Denmark and Rajesh-India/DSWCI DX-Window/Petersen-Denmark)

BOLIVIA 4732.03 *Radio Universitaria*, Cobija, Pando, 2245-0015, New station on SW since Jun 18, heard Jun 22/23, Spanish, Musical Program, several IDs and several mentions of Universidad Amazonica de Pando, "97.9 MHz y ahora tambien Onda Corta 4730 kHz," "en los 4730 kHz y en los 97.9 MHz frecuencia modulada, transmite Radio Universitaria, desde la ciudad de Cobija,...Universidad Amazonica de Pando." "en la Radio Universitaria..." (Eramo-Argentina/DSWCI DX-Window/Petersen-Denmark)

The station announces the following schedule on SW: 1000-1300 and 2200-0200, the s/off is variable. The musical format is Latin American pop. It asks for letters and e-mails to: radiouap@hotmail.com. Postal address:

Radio y Television Universitaria
Campus Universitario
Av. Las Palmas
Cobija, Pando, Bolivia

Tel 3-842-2141. The Department of Pando is located in the rainforest area of NW-Bolivia with borders to Brazil and Peru. (Eramo-Argentina, Jun 23 and 26/DSWCI DX-Window/Petersen-Denmark)

4731.97-4732.02 *Radio Universitaria*, Cobija, Pando, 1004-1110, Jun 22, 23 and 24, Bolivian and Argentina folksongs, sounded more pop than Andean, 1023 and 1108 Woman announcer shouted "Univeritaria." (Slaen-Argentina and Wilkner-FL/USA/DSWCI DX-Window/Petersen-Denmark)

CHAD 7292-7318v, *Rdif. Nat. Tchadienne*, N'Djamena (p), *0426-0830 and 1535-1830, May 18-June 11, French after IS and National Anthem which were definitely the same as on <http://www.intervalsignals.net>, later Vernaculars, African songs; a highly distorted signal in drifting around here, ex 6165. (Bueschel-Germany, Goncalves-Portugal, Groot-Netherlands, Hauser-OK/USA and Savolainen-Finland/DSWCI DX-Window/Petersen-Denmark) Dirty blob was parked about 7288, June 25 at 0454 check causing multiple hets against 7290 broadcast, presumably BBC Portuguese via South Africa (Glenn Hauser, OK/DX Listening Digest)

CHINA—TAIWAN Additional frequency of *Radio Taiwan International*:

1100-1200 JapaneseNF 9735 TAI // 7130 11605
1200-1300 Music NF 9735 TAI // 7130
1300-1400 JapaneseNF 9735 TAI // 7130 9635

(DX Mix—Bulgaria)

CLANDESTINE—AFRICA 15260 *The Ethiopian People Patriotic Front* (EPPF), *1600-1700*, Th Jun 07, heard with their first weekly program "Ye Arbenyoch Dimts" [The Voice of Patriots] to Ethiopia and the Horn of Africa. The voice sounded like coming from a tin can. (Fransson and Ethiopian opposition website Ethiopian Review in English Jun 02 at www.eppf.info via BBC Monitoring on Media Network Weblog Jun 03 via Trutenau in DXplorer/DSWCI DX-Window/Petersen-Denmark)

15260 *Radio Xoriyo Ogadenia*, via Samara, *1600-1630*, Sa Jun 16 and 23, Somali ID, news, talk, songs from Horn of Africa. (Petersen-Denmark & Slaen-Argentina/DSWCI DX-Window) Via TV Radio Wawes/Samara

1600-1630 Somali 15260 SAM Tu/Sa, ex 1600-1700 Tu

(DX Mix—Bulgaria)

15260 New religious program "*Zena Tewahedo the Ligamed Holy Synod of the Ethiopian Orthodox Tewahedo Church in Exile*," Mo 1600-1700 in Amharic scheduled to start on Jul 02. (TDP schedule website, via Trutenau-Lithuania/DSWCI DX-Window/Petersen-Denmark)

The radio program will include bible teaching, church news, as well as reports and discussions on current social, political and other issues of national importance.

The Holy Synod is led by the legitimate patriarch of Ethiopia, Abune Merkorios, who went into exile when the Tigrean People Liberation Front (weyane, [TPLF, dominant party with in ruling coalition]) came to power in 1991.

While in exile, Abune Merkorios helped prevent Ethiopian churches in the Diaspora from being taken over by the weyane-installed patriarch, Aba Gebremedhin (formerly Aba Paulos) who is viewed by Ethiopians more as a political cadre of the regime than a religious leader.

The radio broadcast is intended to expand its spiritual service the church providing to its followers be a voice for the millions of Ethiopians who are being brutalized by the tribal junta in power. (Source: Ethiopian Review website in English 12 Jun 07 via BBC Monitoring)(June 14th by Andy, Media Network blog/DX Listening Digest/Hauser-OK)

CLANDESTINE—ASIA A pirate Taliban radio station, *Voice of Shariat*, or Islamic law, has begun broadcasting again, reports from south-eastern Afghanistan say. A Taliban spokesman said a half-hour program was broadcast on the night of Jun 19 and would now be broadcast daily. The broadcast had a message from the fugitive Taliban leader, Mullah Omar, Koranic verses and criticised the presence of foreign press. The station closed six years ago with the fall of the Taliban regime.

Local people said the station could be heard in parts of four south-eastern provinces—Paktika, Paktia, Khost and Ghazni.

The sound quality may have been poor, and reception faint, but the content of the latest transmission from the *Voice of Shariat* was familiar to those who remember the station which used to carry the Taliban's message across Afghanistan.

An Afghan official in Paktia province confirmed the program could be heard there, but he said reception was weak.

It is not clear from where the broadcasts originate.

Two years ago, the Taliban announced they were relaunching the *Voice of Shariat* as a pirate radio station from somewhere in their former stronghold

of the south. They said they would use a mobile transmitter to avoid being shut down by American or Afghan forces. Last year its broadcasts could be heard briefly and intermittently in some southern provinces.

But this is thought to be the first time it has been heard in the south east. The Taliban took over Afghan radio when they swept to power in Kabul in 1996. They threw out female presenters and banned music, but used radio to broadcast their hardline Islamic view of the world to the rest of the country. They were tougher on television, outlawing it as un-Islamic. And they were famously known for hanging television sets.

However, nowadays, the Taliban and their allies are thought to be behind fairly sophisticated propaganda videos circulating in Pakistan and Afghanistan and some Taliban commanders have even allowed Western camera crews to film them. The Taliban also make extensive use of the internet and have their own internet site. (Pam O'Toole, BBC News at news.bbc.co.uk/2/hi/south_asia/6224972.stm via Liangas-Greece, Jun 21/DSWCI DX-Window/Petersen-Denmark)

Until Oct 08, 2001 when U.S. aircraft bombed its Kabul transmitter, Radio Voice of Shariat was heard on 7070-7090 at 0100-0300 (Fr-0800) 1400-1500 in Pashto/Dari and 1530-1710 Foreign Svc. incl. news in English at 1530-1545. (Petersen-Denmark/DSWCI DX-Window)

COOK ISLANDS A radio station in the southern Pacific, once heard all over the world thanks to shortwave, can again be heard worldwide. *Radio Cook Islands* (RCI) is now available on a live audio stream from the station's website at <http://www.radio.co.ck>. BBC Monitoring first noted this on Jun 07, 2007. (BBC Monitoring research Jun 06 via DXLD/DSWCI DX-Window/Petersen-Denmark)

CYPRUS—NORTH 6150 *Radio Bayrak International*, Yeni Isleke, 0505-0601, Jun 01, English ann, popular songs, ID's at 0530 "Bayrak, Bayrak, Bayrak, Inter-International" and 0601 "Bayrak International Voice (of) TRNC." (Wakisaka-Egypt/DSWCI DX-Window/Petersen-Denmark)

ECUADOR New schedule of *HCJB Global* in DRM: 0500-0600 German 9815 QUI 4 kW (DX Mix—Bulgaria)

EGYPT Updated summer A-07 schedule of *Radio Cairo*:

0030-0430	Arabic	9460
0045-0200	Spanish	6135 7270 9360
0200-0330	English	7270
0700-1100	Arabic#	15115
1015-1215	Arabic	15170
1100-2300	Arabic#	12050

1215-1330	English	17835
1230-1400	Indonesian	15810
1300-1600	Arabic	15365
1330-1530	Farsi	15490
1430-1600	Pashto	15195
1500-1600	Albanian	9990
1500-1600	Uzbek	13815
1530-1730	Swahili	17810
1600-1700	Afar	15155
1600-1800	Turkish	6210
1600-1800	Urdu	11665
1600-1800	English	11740
1700-1730	Somali	15155
1730-1900	Amharic	15155
1800-1900	Italian	9990
1800-1900	Russian	6225
1800-2100	Hausa	9420
1900-0030	Arabic*	9825
1900-2000	German	9990
1900-2030	English	15375
2000-2115	French	9990
2000-2200	Arabic	7210
2030-2230	French	9345
2115-2245	English	9990
2215-2330	Portuguese	9360
2300-0030	English	9460
2300-0300	Arabic#	12050
2330-0045	Arabic	9360 9735

General service

* Voice of the Arabs

(DX Mix—Bulgaria)

GERMANY 6045 *Radio Gloria International*, via Juelich, *1200-1212, Su May 27, First transmission on shotwave. (Petersen-Denmark/DSWCI DX-Window/Petersen-Denmark)

Some changes of DTK T-Systems:

WYFR Family Radio, additional transmissions:

1400-1500	Marathi (t)	NF 15715 WER
1500-1600	Urdu (t)	NF 12020 WER

Bible Voice Broadcasting Network (BVBN)

1200-1230	English-DRM	5945 WER 040 Su
1800-1830	Hebrew	9790 JUL Fr/Su

(DX Mix—Bulgaria)

HUNGARY *Radio Budapest* - Hungary's Foreign radio service since 1934—was heard for the very last time on Jun 30. (Bueschel-Germany/DSWCI DX-Window/Petersen-Denmark)

This is the planned schedule for the residual Hungarian services, with all transmissions from Jazbarena:

0000-0100	6195
0130-0230	6140
0300-0700	3975 6025 Mo-Sa
0400-0730	3975 5995 Su
1000-1100	3975

1100-1200	21590
1400-1700	3975
1800-1900	3975 11795
1900-2000	3975
2000-2100	3975
2100-2200	3975 11695
0300-0700	6025 Su
2200-2300	6025 9665 Sa/Su
2200-2300	9665 Mo-Fr

(Padula-Australia/EDXP/DSWCI DX-Window/Petersen-Denmark)

Monitored at end of 0230 English program on June 30: "As from June the 30th, 2007, Radio Budapest will cease to broadcast in English. Instead, Hungarian-language broadcasts will be aired on our frequencies. This is part of changing the program structure of Hungarian Public Radio, in order to have a more cost-effective operation. Thank you for having listened to us." (ed. - *Another sad closure, I've been listening to Radio Budapest nearly 45 years. When I roam the bands and notice such cornerstone stations missing, it's the same feeling as when I revisit the neighborhoods in which I grew up and all the familiar places are gone.*)

ICELAND The Icelandic public broadcaster *RUV* officially announced that the relays of its newscasts on shortwave will end on 1 July. (Trutenau-Lithuania/Cumbre DX)[*Didn't they announce this once before and it never happened? - ed.*]

INDONESIA 3987.05 *RRI Manokwari* 1145-1225 Jun 27. Lite pop vocals to 1158, then M ancr, program notes, and SCI at 1200; Jak news began at 1201. Good signal // 4789.98, 3976.06, 3995.04, 4604.94, and I think 4869.93. Back to local programming at 1216. (Wilkins-CO/Cumbre DX)

4790 *RRI Fak Fak* June 22 1132-1225 Talk, news and music in Indonesian. ID at 1150 as Radio Republik Indonesia Fak Fak. (Ishizaki-Japan/Japan Premium/Iwata Gaku-Japan)

IRAN Frequency changes for *Voice of Islamic Republic of Iran* in Russian:

0500-0527	NF 9850 KAM, ex 9855
1930-2027	NF 7370 SIR, ex 7175

(DX Mix—Bulgaria)

ITALY Updated summer A-07 of *RAI International*:

0055-0115	Spanish	9840
0055-0115	English	11800
0115-0130	Portuguese	9840
0115-0130	French	11800
0130-0230	Italian	6110 9840 11765 11800
0230-0315	Italian	9840 11800
0315-0335	Spanish	9840 11800
0345-0405	Russian	6135 9710 11830
0405-0425	Ukrainian	6135 9710 11830
0435-0445	Italian	6110 6145 7235

0435-0455	Amharic	11900
0445-0500	English	6110 6145 7235
0455-0530	Italian	11900
0505-0525	Lithuanian	9670 11795
0530-0550	Romanian	9670 11795
0530-0550	Somali	11900
0600-0620	Russian	9670 11795
0600-0620	Arabic	11900
0625-1300	Italian	6140
1000-1100	Italian	11920
1330-1355	Arabic	9670 11795 11915
1335-1355	Albanian	9610
1400-1415	Slovene	9570
1400-1425	Italian	15280 17780
1415-1435	German	9570
1435-1455	Croatian	9570
1500-1520	Turkish	9870 11895
1500-1525	Italian	9670 11720 11770
1520-1540	Greek	9870 11895
1530-1555	French	9670 11855
1540-1600	Bulgarian	9870 11895
1555-1625	Italian	9670 11855
1600-1700	Italian	17790
1605-1625	Russian	9705 11885
1630-1655	French	7180 9845 11855
1630-1655	Arabic	11810
1700-1800	Italian	6140 7130 9845 11970 15390
1805-1825	German	6040 9845
1810-1825	Czech	6130
1825-1840	Slovak	6130
1830-1905	Italian	15380 17780
1840-1900	Polish	6130
1910-1930	Somali	11890
1910-1930	Serbian	6130
1935-1955	Hungarian	6130
1935-1955	English	5960 9845
2000-2020	Danish	6110 9780 Tu/Th/Su
2000-2020	Esperanto	6110 9780 Sa
2000-2020	Swedish	6110 9780 Mo/We/Fr
2000-2020	Russian	6185 9565 11775
2025-2045	English	5970 11875
2025-2045	Arabic	6110 7130
2050-2110	Portuguese	6110 7130 11875 15240
2110-2130	Spanish	6110 7130
2115-2135	Romanian	5970
2135-2155	Arabic	6000 7180
2135-2155	Czech	5970
2155-2210	Slovak	5970
2205-2230	English	11895
2210-2225	Polish	5970
2240-0055	Italian	9840 11800

Mediterranean area—Notturmo dall'Italia
2200-0400 Italian 6060

Tutto il calcio minuto per minuto and Domenica sport

1250-1630 Italian 9670 11885 17570 17780
21515 Su

(DX Mix—Bulgaria)

LITHUANIA From June 18 *Radio Racja* in Belarusian relayed via Sitkunai:

1530-1729 6225

(DX Mix—Bulgaria)

NETHERLANDS Frequency change of *Radio Netherlands*:

0000-0157 Spanish NF 9450 BON, ex 15315 //
6165 SIN

(DX Mix—Bulgaria)

NEW ZEALAND RNZI updated June 21:

0259-0458	11675*
0500-0658	9615 9890*
0700-1058	6095 7145*
1058-1258	9870 7145*
1300-1550	6095
1556-1850	6095 7145*
1851-2050	9615 9890*
2051-0458	15720
2051-2150	11675*
2151-0258	13730*

* DRM

(RNZI via wwdxc BC-DX June 18/Bueschel-Germany)

NIGERIA Further checks on *Voice of Nigeria* over the past couple of days indicate that 9690 kHz is now used at 0800-1630 UT; then 15120 at 1630-2100 and 7255 at 2100-2300 UT.

The tentative language schedule is currently as follows:

0500-0700	English	15120
0700-0800	French	15120 [observed on 11770 on June 12]
0800-0900	Hausa	9690
0900-1000	Fulfulde	9690
1000-1500	English	9690
1500-1530	Swahili	9690
1530-1600	Yoruba	9690
1600-1630	Igbo	9690
1630-1700	Arabic	15120
1700-2100	English	15120
2100-2200	French	7255
2200-2300	Hausa	7255

African languages are tentative—as scheduled.

(Dave Kenny-UK, June 4, BDXC-UK & Hallmann-Germany, <http://www.africalist.de.ms> June 13/DX Listening Digest/Hauser-OK)

PALAU 9965 *TBBZ*, 1035-1102, June 16, Mandarin. M w/ long talk, W at 1057 followed by brief ballad. M and W over music until fanfare/ID at ToH. This is the exact same format I've logged at this time/frequency over the past few years. (Barbour-NH/Cum-bre DX)

PAPUA NEW GUINEA Catholic Radio Network, 4960, Vanimo is presently called *Radio St. Gabriel* on 4960 kc/s. This is according to the bishop of

Vanimo, Cesare Bonivento in an email to Dave Foster. The station will eventually join the CRN [Catholic Radio Network] now operated by Radio Maria when uplink facilities are installed in Port Moresby, probably by the end of the year (Dave Foster thru John Wright, June Australian DX News/DX Listening Digest/Hauser-OK)

7325 *Wantok Radio Light*, Port Moresby, has migrated from 7120, 24-hours. Frequency choice is appalling, as the channel, and adjacent channels, are occupied by super strong broadcasters in the Asian region; these include:

7325 RFI via Taiwan, Mandarin 0930-1030
 7325 RCI-Sackville, Mandarin 1305-1405
 7330 BBC via Vladivostok, Mandarin, 1100-1530

(Padula-Australia/EDXP, Jun 01/DSWCI DX-Window/Petersen-Denmark)

PARAGUAY 12000 *Radio Licemil*, Ypane, 1742, May 27, Spanish/Guarani ann, Musica Paraguaya, greetings to Paraguayos in Paraguay and abroad. Also heard 1555, Jun 03, National Anthem sung in Guarani, marches. (Mur-Paraguay in Conexion Digital/DSWCI DX-Window/Petersen-Denmark)

RUSSIA (non) Additional transmissions of *WYFR* via TV Radio Wawes:

1400-1500 Marathi 12075 SAM // 9705 DHA
 15715 WER
 1600-1700 Pashtu/ 12100 ARM
 Dari
 1900-2100 French 12060 ARM, ex 1900-2000

(DX Mix—Bulgaria)

SERBIA Summer A-07 schedule of *International Radio Serbia*:

1300-1328	English	7240
1330-1358	Serbian	7240
1400-1428	Spanish	7240
1430-1458	Arabic	7240
1500-1528	Russian	7240
1530-1558	French	7240
1600-1628	German	7240
1630-1643	Chinese	7240
1645-1658	Albanian	7240
1700-1713	Hungarian	7240
1715-1728	Greek	7240
1730-1758	Italian	7240
1800-1828	Russian	7240
1830-1858	English	7240
1900-1928	Spanish	7240
1930-1958	Serbian	7240 Su-Fr
1930-2028	Serbian	7240 Sa
2000-2028	German	7240 Su-Fr
2030-2058	French	7240

(DX Mix—Bulgaria)

TAJIKISTAN The Tajik language website of RFE/RL's Tajik service has been covering the planned launch of a renewed Foreign Service of Tajik State

Radio—*Voice of Tajik ("Ovozi Tojik")*.

Voice of Tajik started on May 07 16 hours daily with seven languages but had to fall back due to technical problems. (Rustamov)

The HFCC file for the A07 season shows a number of additional SW frequencies for Tajik Radio that were registered in anticipation of this new service via Dushanbe transmitters:

7430	1500-1600
7465	1600-1700
7470	1500-1530
7470	1530-1600
7475	1400-1500
7505	1500-1600
7540	1500-2200
9865	1325-1500
9975	2315-0030
11540	1100-1500

(Trutenau-Lithuania in DXplorer, Jun 03/DSWCI DX-Window/Petersen-Denmark)

UNITED KINGDOM (non) New schedule for *Southern Sudan Interactive Radio Instruction*:

0600-0630	English	15440 DHA	15505 ARM	Mo-Fr
0630-0700	English	11945 KIG		Mo-Fr
0630-0700	English	15445 DHA		Mo/We/Fr
1400-1430	English	15470 ARM		Tu/Th/Sa

Frequency changes for *BBC*:

0200-0230	Russian	NF 11855 SLA, ex 9680 CYP
0300-0700	English WS	3255 MEY, ex 0300-0600
0430-0530	Portuguese	NF 3380 MEY Mo-Fr, ex 3390
1400-2200	English WS	3255 MEY, ex 1600-2200
2030-2100	Portuguese	NF 3380 MEY Mo-Fr, ex 3390

(DX Mix—Bulgaria)

UNITED STATES OF AMERICA The *Voice of America* launched African Music Mix, a stream of African music, available to African listeners daily. The show is broadcast daily and includes contents from a VOA archive of 12,000 African songs. Voice officials called the service unique on the continent. The English to Africa Service broadcasts on SW, MW, TV, the Internet, 40 affiliates and two VOA 24-hour FM stations in Ghana and Kenya. "From N'dombolo to Benga to African hip-hop, African Music Mix offers the best in African music by artists from East, West, North, South, and Central Africa, as well as the islands," the broadcast organization stated. (<http://www.rwonline.com/pages/s.0105/t.6545.html> Jun 08, via Liangas-Greece). Schedule is daily 0000-0300 and Mo-Fr 1100-1400 at <http://www.voanews.com/english/africa/africanmusic-mix.cfm>

(Petersen-Denmark/DSWCI DX-Window)

Some frequency changes for *Voice of America*:

0030-0130	Pashto	NF 11605 UDO, ex 9795
		Radio Ashna
0030-0230	Pashto/ Dari	NF 9335 IRA, ex 7555 Radio Ashna
0130-0200	English	NF 6040 GB, ex 6000 English Tu-Sa
0300-0400	CeAs langs	NF 17510 IRA, ex 9430 Radio Liberty
1400-1500	Urdu	NF 12005 IRA, ex 15530 Radio Aap Ki Dunyaa
1400-1500	English	NF 15530 LAM, ex 15195
1400-1500	English	NF 17740 BOT, ex 17895
1500-1530	Uzbek	NF 7280 TIN, NF 9700 UDO
1500-1600	English	NF 15530 BIB, ex 15195
2200-2400	English	NF 7120 PHT, ex 7215
2330-2400	Spl English	NF 7350 PHT, ex 7260

Cancelled transmissions of *VOA*:

1530-1630	English	6040 UDO
1530-1630	English	11520 IRA
1800-1830	Hausa	4940 SAO 9565 SAO 11720 MOR 12080 BOT 17785 MOR Sa/Su

(DX Mix—Bulgaria)

Updated summer A-07 of *World Harvest Radio*:

WHRI Angel 1

0300-0600	5835 HRI Mo-Fr
0300-0600	7315 HRI Sa/Su
0600-1100	NF 7335 HRI
1100-1200	6095 HRI BBC Spanish
1200-1300	9495 HRI
1300-1400	9495 HRI Mo-Fr
1300-1400	11785 HRI Sa/Su HMLR
1400-1600	11785 HRI
1600-1900	11960 HRI
1900-2100	17650 HRI
2100-2300	13640 HRI BBC English WS
2300-0300	7315 HRI

WHRI Angel 2

0100-0400	7490 HRI
0400-0600	7355 HRI
0600-0800	7365 HRI
0800-1100	7315 HRI
1100-1300	9660 HRI BBC English WS
1300-2000	9840 HRI
2000-2200	13670 HRI Mo-Fr
2000-2200	9840 HRI Sa/Su
2200-0100	9515 HRI Mo-Sa
2200-0100	7490 HRI Su

KWHR Angel 3

0100-0500	17655 WHR
0500-0800	13650 WHR
0800-1100	9930 WHR
1100-1200	9930 WHR ORNK

1200-1400	12130 WHR
1400-1800	9930 WHR

KWHR Angel 4

0500-1100	11565 WHR
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WHRA Angel 5

0100-0500	5850 HRI
0500-0600	6145 HRI
0600-0700	7490 HRI
1200-1500	17650 HRI
1500-1600	17650 HRI Mo-Sa
1500-1600	NF 15355 HRI Su
1600-1700	17640 HRI
1700-1900	15705 HRI
1900-2000	13710 HRI
2000-2200	7400 HRI Mo-Fr
2000-2200	11885 HRI Sa/Su
2200-2300	11885 HRI
2300-0100	7520 HRI

HMLR=Hmong Lao Radio in Lao

ORNK=Open Radio for North Korea in Korean
(DX Mix—Bulgaria)

Updated summer A-07 of *EWTN Global Catholic Radio*:

0000-0500	Spanish	7455 13615
0000-0500	English	5810
0500-0600	English	5850
0500-1100	Spanish	7455 11615
0600-0900	English	5850 7570
0900-1400	English	5850
1100-1400	Spanish	9885 13615
1400-1600	English	9955
1400-2200	Spanish	9885 15745
1600-1700	English	9450
1700-2000	English	9450 15390
2000-2200	English	9450 15220
2200-2400	Spanish	9355 13615
2200-2400	English	9975 15475

(DX Mix—Bulgaria)

WESTERN SAHARA (non) RASD Polisario Front
per monitoring:

0600-0800	Arabic	6300
1700-1800	Spanish	6300
1800-2300	Arabic	6300

(DX Mix—Bulgaria)

ZIMBABWE The government's Sunday Mail website (www.sundaymail.co.zw) cites the following schedule for the tests of new *Voice of Zimbabwe*: 4828 at 1630-0530 and 5975 at 0530-1630. At the same time ZBC's second domestic network, Radio Zimbabwe, was heard on 3396. (BBC Monitoring research 28 May 07 via van Arnhem-Netherlands and Howard-CA/USA/DSWCI DX-Window/Petersen-Denmark)

**AWFUL, POINTLESS NOISES WITH NO AUDI-
ENCE, PART 2,487 DIGITAL RADIO MONDIALE**
DRM schedule from June 25:

0000-0100	9790 SAC	TDP Radio Dance Music
0000-2400	6095 JUN	RTL Radio German
0000-2400	5990 JUN	Radio French
0200-0300	9405 GUF	RNW English
0300-0500	11675 RAN	RNZI English
0300-0600	15735 K/A	VOR English
0400-0600	9780 MSK	DW various langs
0400-0700	7440 KVI	BBC English WS
0400-2205	6085 ISM	Aktuel German
0500-0600	9815 QUT	HCJB German
0500-0700	9890 RAN	RNZI English
0500-0800	6130 WOF	DW various langs
0530-1030	6175 FON	RMW French
0530-1630	5990 WER	RTL Radio French Th-Fr
0530-1630	5990 WER	RTL Radio French Mo-Tu
0530-1730	5990 WER	RTL Radio French We
0600-0700	7210 FLE	RNW Dutch
0600-0700	7170 MOS	DW various langs
0700-0900	9620 MOS	DW various langs
0700-1000	11895 FLE	RNW Dutch
0700-1200	9925 WAV	RTBF French Tu
0700-1300	7145 RAN	RNZI English
0800-0900	12060 MSK	VOR English
0800-0900	7275 WOF	DW various langs
0800-0900	15780 MSK	VOR English
0800-1400	13810 SIN	DW various langs
0815-0845	9655 WER	BVBN English Sa
0900-1000	7275 RMP	DW various langs
0900-1100	12060 MSK	VOR German
0900-1100	15715 SIN	DW various langs
0900-1200	15780 MSK	VOR German
0900-1330	13620 KBD	Radio Kuwait Arabic
0905-1000	7275 MOS	DW various langs
1000-1100	11815 MOS	CVC English
1000-1300	9460 WOF	DW various langs
1000-1330	7240 FLE	RNW Dutch
1100-1200	9760 RMP	NHK World English Fr
1100-1200	12080 BRN	Radio Australia English
1100-1200	13770 SMG	Vatican Radio various
1100-1400	15725 SIN	DW various langs
1200-1230	5945 WER	English Sun
1200-1300	9850 RMP	RTI English Fr
1200-1400	5995 BRN	Radio Australia English
1300-1325	9850 RMP	R.Prague German Fr/Sa
1300-1400	9450 MSK	VOR Russian
1300-1500	9495 MOS	DW various langs
1300-2000	17875 GUF	TDF various langs Mo-Fr
1330-1355	9850 RMP	R.Prague English Fr/Sa
1330-1400	7240 FLE	RCI English

1345-1745	9880 KBD	Radio Kuwait Arabic
1400-1415	7190 SMG	Vatican Radio German
1400-1430	9770 RMP	RNZI English Sa
1400-1430	9600 WER	RRI English
1400-1500	7240 FLE	RNW Dutch
1400-1500	9450 MSK	VOR English
1400-1500	13660 SIN	DW various langs
1415-1430	7190 SMG	Vatican Radio Polish
1430-1500	9770 RMP	KBS English Fr
1500-1600	9450 MSK	VOR German
1500-1600	6015 ISS	TDP Radio Dance Music
1500-1600	9700 MOS	DW various langs
1500-1600	13600 FLE	RNW Dutch
1500-1600	13790 SIN	DW various langs
1505-1605	9800 SAC	RCI English
1555-1850	7145 RAN	RNZI English
1600-0600	3995 SIN	DW various langs
1600-1700	9810 MSK	VOR German
1600-1700	13800 SIN	DW various langs
1600-1700	9450 MSK	VOR French
1600-1700	13645 FLE	RNW Dutch
1600-1730	6130 WOF	DW various langs
1605-1635	9800 SAC	RCI Russian Sa/Su
1605-1705	9800 SAC	RCI Russian Mo-Fr
1635-1705	9800 SAC	RCI Ukrainian Sa/Su
1700-1730	5955 FLE	Radio Sweden English
1700-1755	13820 SIN	DW various langs
1700-1800	9810 MSK	VOR French
1705-1905	9800 SAC	RCI English
1730-1800	5955 FLE	Radio Sweden German
1800-1955	3965 ISS	RFI French
1800-2000	17640 SGO	CVC Spanish Mo-Fr
1800-2000	7420 KVI	BBC English WS
1850-2050	9890 RAN	RNZI English
1900-2000	9690 FLE	RNW Dutch
1945-2030	9800 SAC	Vatican Radio English
2000-2055	9480 FLE	RNW Dutch till August 31
2000-2200	5875 KVI	BBC English WS
2030-2100	9800 SAC	RNW English
2050-2150	11675 RAN	RNZI English
2100-2200	9800 SAC	RCI English
2150-0300	13730 RAN	RNZI English
2200-0200	11675 KBD	Radio Kuwait Arabic
2200-1655	3965 ISS	RFI French
2200-2230	9800 SAC	Radio Sweden Swedish
2230-2300	9800 SAC	Radio Sweden English
2300-2345	9750 SMG	Vatican Radio English

(DX Mix—Bulgaria)



FOR SALE: TenTec RX350(D) receiver with matching external speaker and multifunction keypad/tuner. This model has the 12 kHz output on the rear panel. This is a wonderful rig approximately 14 months old. Manuals included. \$850.00 plus reasonable shipping to your QTH. I can supply photo on request. Please email for questions, etc. to wdx6tik@aol.com or write to Terry Kelly, 554 Millbrae Avenue, Santa Rosa, CA 95407.

Pirate Radio Report

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

Hello and welcome to the July 2007 *Pirate Radio Report!* Summertime conditions have set in so we can kiss most Europirate reception goodbye. Scotland's **Weekend Music Radio** can sometimes be heard on local Saturday evenings after 0000 UTC but that's about it!

The Free Radio Weekly

Last month we spotlighted the Free Radio Network [www.frn.net]. This month we will call attention to the only remaining pirate radio newsletter, *The Free Radio Weekly*.

Founded in 1995 this newsletter is email only and is sent free of charge to those who contribute. The FRW features several editors who alternate their duties. Current editors are Bill Finn [bill.frw@gmail.com]; Ed Kusalik [ekusalik@telusplanet.net]; Greg Majewski [majewski@worldnet.att.net]; Harold Frogde [yukon@tm.net]; and Ed Insinger [lenapeland@aol.com].

To request a sample or to contribute to the FRW, a general email address for reports which is freeradioweekly@gmail.com.

Many thanks to this month's contributors. Rich D'Angelo-PA, Mark Taylor-WI, Joe Wood-TN and George Zeller-OH.

Chicken Radio, a new one, heard 6925 USB from 2215-2238 UTC on June 16th. I believe that this was the ID given, but I list it as slightly tentative. Chicken song at open, into sketches about chickens and also a segment about an ad for the movie, "Electric Amish Armageddon." Poor in bad local hum noise. Heard no address. [Zeller-OH]


Northwoods Radio was heard on 6925 USB kHz from 0153 to 0212 UTC on June 17th. House music-like song, ID 0159 & email address satirical song "Ladies of the FDA", folk song, "Once and Future King" (2nd folk song), sudden fade down or off 0212. Fair with tinny sound. [Taylor-WI]

WHOT heard on 6925.2 kHz at 0002-0038 UTC on June 8th. Oldies music (Pretty Woman, Little Deuce Coupe) hosted by Pete Sake and Jim Nasium with much light hearted talk, jingle IDs, TCs and frequency announcements for 1620 AM and 91.9 FM. Claimed to be July 4th program so suspect this was a repeat broadcast. Gave phone number 718-946-9748 requesting calls and took phone call from a listener named Bob in Marine Park section of Brooklyn. Good signal. [D'Angelo-PA]

WMPR-MICRO POWER RADIO, 6925 AM noted from 0053-0118 on June 29th Several synthesized IDs and techno mx. ID as "This is WMPR-6925" with OM synthesized voice followed by YL synthesized voice. I think this is the first time I have heard this particular ID. Good. [Wood-TN].

Wolverine Radio noted on 6925 USB from 0238 to 0255 sign off on June 17th. Noted with rock music and man announcer with IDs between musical selections. No address noted. Closed with multiple IDs prior to Northwoods radio re-opening. Fair to good. [D'Angelo-PA]

WTCR-20th Century Radio, logged on 6925 USB, at 0136-0206 UTC sign off on June 3rd. Nice music selection ranging from classic country and western to 1980s pop and Motown. Songs included: "The Harder they Come" by Jimmy Cliff, "Black Magic Women" by Santana, "Cry Like a Baby," "Red Neck Friend" by Jackson Brown, "Second that Emotion," and "Ring of Fire" by Johnny Cash. IDs heard at 0140 and 0200 as "This is WTCR-20th Century Radio". Sign off announcements at 0206 with address of P.O. Box 1, Belfast NY 14711 and a request of three first class stamps or \$1-\$2 for a QSL. Fair to Good. [Wood-TN].

Until next month, Happy Pirate DX! 

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



WALES RADIO INTERNATIONAL - RADIO RHYNGWLADOL CYMRU
 Pres Kairon, Crymch, Pembrokeshire, SA41 3QE, Wales, UK Tel: +44 [0] 1437 563361 Fax: +44 [0] 1239 831390
 e.mail: jenny@wri.cymru.net RealAudio Web Site: http://wri.cymru.net

We are happy to confirm that the transmission you heard on:

Date	Time (UTC/GMT)	Frequency	Transmitter	Programme
15/12/01	1230-1300 - Summer Schedule	Freq 17.810 MHz	Rampisham	Celtic Notes
	1130-1200 - Winter Schedule	Freq 17.625 MHz	Rampisham	Celtic Notes

is a Wales Radio International programme. Thank you for getting in touch. We hope you continue to enjoy our programmes.

Best wishes from Wales.

Jenny O'Brien

AUSTRIA: Adventist World Radio 11955
 via **Moosbrunn** f/d cd.
 w/ sticker in 14 ds.
 from v/s **Keren Eastwood AWR Listener Services.**
 (D'Angelo-PA).

BANGLADESH:
 * **Banladesh Betar 4750**



responded to an email f/up rpt. w/ an email reply stating "it is really nice to have such reception from far away like USA" in 2 ds.
 v/s **Mohesh Chandro Roy, Senior Engineer.** He promised to send a QSL cd. as soon as possible. (D'Angelo-PA).

BORNEO: Radio Republik Indonesia 3325 via **Palangkaraya** f/d ltr. in IN
 * w/ stamps, station seal and stickers plastered everywhere. The Passport 2007 address is correct. All in 2 mos. v/s **Triwiyono Gunawan.** (Fedor-NV).

CANADA: CHHA 1610 f/d prepared cd. in 1 mo. for SASE. v/s
 * **Michelle Maron, Executive Director.** Also rcvd. a personal ltr. on **San Lorenzo Latin American Community Centre** letterhead. Addr: 22 Wenderly Dr., Toronto, ON M6B 2N9 (Wilkins-MO).

CLANDESTINE: Radio Zamanah 6245 verified by the Amsterdam address w/ a photo quality f/d cd. in 160 ds. w/ a brief note from v/s **Mehdi Jami, Director.** Reply was by surface mail. Addr: **Linnaeusstraat 35-F, 1093 EE Amsterdam, Postbox 92027, 1090 AA Amsterdam, Netherlands.** (D'Angelo-PA).

EURO PIRATE: Cupid Radio 15070 3 f/d picture postcards in 38 ds. indicating 750 watts. v/s **Rinus.** He included a very nice 3 page ltr. w/ pictures of the station, background and his biography. Great reply. (D'Angelo-PA).

EUROPEAN RUSSIA: Voice of Russia 9480 via **St. Petersburg Regional Centre** f/d "RTV & BCN" cd. w/ site in 61 mos. (1866 ds. to be exact) for 2 IRCs and a 2002 EG rpt. to the old CRR-2 address. v/s **Mikhail Timofeyev.**
 Addr: **St. Petersburg Regional Centre, 3, ul. Akademika Pavlova st., St. Petersburg 197022, Russia.** (Barbour-NH).

BELOW IS A SAMPLE QSL CARD FROM THE ELECTRONIC DX PRESS

Radio DX Press
 Baby Note
 Program: Dick Marks & Agnes Kees Foundation

215124200164928

AIR MAIL
 POSTAGE FREE FROM AUSTRALIA
 DELIVERY WORLDWIDE
 PRODUCE SPONGE

QSL

This confirms your reception report of a program of the Electronic DX Press.

Date (UTC) 01.12.05 Freq (kHz) 11935

Time (UTC) 01.12.05 Transmitter: CHHAIRE

Program: SPECIAL TRANSMISSIONS

Thank you for your interest in our programs. Further reports would be welcomed! Good listening!

Bob Padala 15.12.05
 QSL Manager Issued

THE ELECTRONIC DX PRESS
 404 Mont Albert Road, Mont Albert, Victoria 3127, Australia
 E-mail: news@edep.org

MR RICHARD D'ANGELO
 2216 BURKESBY DRIVE
 WYOMINGVILLE
 PA 19760
 U.S.A

Radio Malaysia

Dear listener,

First of all, many greetings from the Radio Malaysia staff!

Thanks for your letter and your reception report, very appreciated!

We are happy to inform you that we have checked our broadcasting log and we can confirm your reception report as correct.

Here some details about our station:

Radio Malaysia, founded by a group of short wave listeners, is born on 15 August 2004, with a broadcast on 48 m.b.

We hope to give a touch of innovation and novelty all over the band.

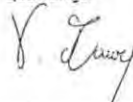
We broadcast from Southern Europe, with a modified 1 Kw Rohde & Schwarz transmitter, it use an asymmetrical 125 % positive modulation.

We are on the air on irregular basis during the week-ends, with 500-600 W.

We hope to receive again and soon fresh news from you and, of course, your reception reports; you can find here joint our QSL card and our sticker.

Good listening with Radio Malaysia and its great music!

QSL Manager



the Korea Stamp Corporation including one for the "140th Anniversary of sinking of the US aggressive ship "General Sherman" and a colorful 3D calendar and numerous magazines. (Comeau-MA).

LITHUANIA: Voice of the Islamic Republic of Iran 6255 via Sitkunai f/d "Khaju Bridge" cd. in 41 ds. w/ ltr. from Dory Aalivandi. Also rcvd. 2 magazines and a station sticker. (D'Angelo-PA).

SAINT HELENA: Radio Saint Helena 11092.5 f/d "Map" cd. in 6 mos. for 3 IRCs. v/s L. Lawrence, Station Manager. (Wilkins-MO).

USA (Pirates): The Crystal Ship 3275 f/d "Crystal Ship" cd. in 34 ds. I also rcvd. a copy of a 1983 interview and a "Wanted for Plundering the Airwaves" poster and a cardboard pennant. (D'Angelo-PA). 6875 same in

STATION NOTES: WYFR Your Family Radio 11740 email in SP: espanol@familyradio.com. **Radio Amazonas** 4940 via Puerto Ayacucho v/s Jorge Garcia Rangel, QSL Manager. Addr: Jore Garcia Rangel, Calle Roma Q.ta, Costa Rica N.A-16, Urbanisacion Alto Barinas, Barinas 5201, Venezuela...2

(two) dollars US required for reply. YVTO 5000 Observatorio Cajigal email: shlv@dhn.mil.ve v/s Jesus Alberto Escalona, Jefe del Servicio tecnico. via PLAY DX..Sam

198 ds. for a rpt. to the Belfast drop. (Pogue)

Not too many this time but some high quality QSLs.



Contributors' Page

Bob Montgomery • 4621 C Street • Philadelphia, PA 19120 • rmonty23@verizon.net

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:


Brian ALEXANDER, Mechanicsburg, PA	TenTec RX-340 AOR AR-7030 100' LW
Dave ASKINE, Pasadena, TX	Grundig s350 and indoor whip antenna
Scott BARBOUR, Intervale, NH	R-75, MLB-1, 200' Beverage
Mike BARRACLOUGH, Garden City, UK	AOR 7030, 60 m long wire
Jerry BERG, Lexington, MA	R8 19, 41, 90 meter dipoles
Bill BERGADANO, Freehold, NJ	Icom 718, 170' tuned inverted L
Ross COMEAU, Andover, MA	R8, 60' LW
Rich D'ANGELO, Wyomissing, PA	TenTec R340, Lowe HF-150, DX Sloper
Mick DELMAGE, Sherwood Park, AB	Collins HF-2050 Ant: KLM Log Periodic
Gerry DEXTER, Lake Geneva, WI	NRD-515, NRD-545, etón E1
Jerry EVANS, Germantown, TN	RX340, 30 m wire, R8B LFE-H800 EF-SWL
Bob FRASER, Belfast, ME	Sony ICF-2003 ICF-SW100S 2m LW
Glenn HAUSER, Enid, OK	FRG-7, DX-398, SW-07, ATS-909, YB400 lw
George HERR, Playa del Rey, CA	G303e. R8B, NRD535, 50' lw
Ron HOWARD, Monterey, CA	NRD545, LW 160', etón E5
William McGUIRE, Cheverly, MD	DX-380
Kevin MIKELL, Park Ridge, IL	etón E1-XM, 80' long wire
Sheryl PASZKIEWICZ, Manitowoc, WI	ICOM R-8500, NRD345, AOR LA-350 loop
Jim RONDA, Tulsa, OK	NRD-545, R75, etón E1, Eavesdropper
Jerry STRAWMAN, Des Moines, IA	R-8, 313e, 60 mtr dipole, mini whip
Mark TAYLOR, Madison, WI	R-75, Sat 800, EWE, Eavesdropper
Joe WOOD, Gray, TN	DX-390, Grundig Mini 100 PE, whip antenna

My job has changed of late and I do more traveling than I thought I would be. Problem is I am never really sure when I will get home to do the column so I usually do it in a hotel room somewhere. For those using postal mail please send all NASWA items to the following address. 4621 C Street, Phila, Pa. 19120 I have someone there that will type up the logs and forward to me while on the road.

Bob Montgomery



WWW Shortwave Listening Guide

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

N44**6b**


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

Tropical Band Loggings

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

- 2850 **N. KOREA KCBS** 1130-1136 KK operatic mx by W; fair. //4450 OK, but seemed jammed or very poor modulation. 4/29. (Brown-MO)
- 3205 **PNG R. West Sepik** 1058-1102 M w/ talk in EE; possible ID 1100; then EE nx; fair 6/11. (Atkins-WA)
- 3220 **ECUADOR HCJB** 0914-0928 flute mx, M&W in SS; children's vocals w/guitar & flutes 0923; fair & //6080.1 which was poor; 5/24. (D'Angelo-PA) 1050 M in Quechua talk; poor 5/28. (Ronda-OK)
- 3240 **SWAZILAND TWR** Manzini 0332-0345* Jun 24, choral vocals followed by a man with religious talk in listed Ndaul language. Mix of children's choir vocals and talks until another man gave ID at close followed by hand bells; fair 6/24. (D'Angelo-PA)
- 3250.1 **HONDURAS R. Luz y Vida** 0324-0356* soft rel instl mx; M ancw w/SS rel talk 0330; more soft instl mx at 0350, then M ancw w/ID & s/off anmts; soft mx till carrier cut. 5/19. (D'Angelo-PA)
- 3260 **PNG R. Madang** 1138M in dialect introing western pops; just above noise floor 4/29. (Brown-MO)
- 3275 **PIRATE The Crystal Ship** 0315-0358, Memorial Day; in EE // 6875, M ancw w/ID as 'You're on board the Crystal Ship sailing on 6875 and 3275'. Deep fades and QRN. Poor 5/28. (Wood-TN)
- 3279 **ECUADOR La Voz de Napa** Tena 1007 W w/SS responsive prayers; poor 6/23. (Wood-TN)
- 3310 **BOLIVIA R. Mosoj Chaski** 0920-0938 M in Quechua talk till 0931 ID, then rustic instl mx; weak in noisy conditions 5/24. (D'Angelo-PA)
- 3315 **PNG R. Manus (P)** 1105-1108 M talking in Tok Pisin; fair signal 6/11. (Atkins-WA) 1148 W w/ island vocals; weak 5/20. (Brown-MO)
- 3325 **INDONESIA RRI Palangkaraya** 1109-1111 M ID in Indo, then talk or cmtry; good signal 6/11. (Atkins-WA)
- 3345 **INDONESIA RRI Ternate (P)** 1112-1115 soft Indo pops music at tune-in; woman in Indonesian lang. to 1115; fair 6/11. (Atkins-WA)
- 3385 **PNG R. East New Britain** 1135 childrens choir; nice steady signal 5/13. (Brown-MO)
- 3396 **ZIMBABWE ZBC** 0243 like it was coming from a wind tunnel. 4828 might have had something at this time but if so it was weak beyond description. Nothing on 6045. 5/31. (Dexter-WI) (P) 0413 W in vernacular talk; vry poor 6/16. (Ronda-OK)
- 3810 **ECUADOR HD2IO** Guayaquil 0454 SS time anmts w/ pips; poor 6/2. (Wood-TN)
- 3905 **PNG R. New Ireland (P)** 1117-1120 M w/talk in Tok Pisin; fair signal 6/11. (Atkins-WA) 1130-1135 M in Pipdgin w/ intros to mellow instl mx; very good 5/20. (Brown-MO)
- 3925 **JAPAN R. Nikkei** 1120-1121 woman speaking in Japanese; excellent S9 + 20db signal! 6/11. (Atkins-WA) 1141 classical mx.; a regular here; good 5/28. (Herr-CA) 1210 pgm of nice mellow western mx w/usual ham QRM; good 5/5. (Brown-MO)
- 3976.1 **INDONESIA RRI Pontianak** 1122-1125 W ancw in Indonesian, with mentions of Indonesia. Very strong 6/11. (Atkins-WA) 3976.06; 1152 scraps of mx & talk; at noise floor; poor 5/28. (Herr-CA)
- 3985 **CLANDESTINE (KOREA) Echo of Hope (P)** 1148 in KK; good 5/28. (Herr-CA)
- 3995 **INDONESIA RRI Kendari** 1125-1130 M&W ancw in Indo; music jingle 1130 w/possible reverb-heavy ID. Poor-fair signal 6/11. (Atkins-WA)
- 4052.5 **GUATEMALA R. Verdad** 0305-0352 soft rel mx & vocals w/rel talks in SS by M; pgm ended 0340; then W ancw w/ID & talk; soft mx w/M talking; P-F 6/15. (D'Angelo-PA) 0343 gospel songs in EE & SS; fair 6/14. (Ronda-OK) 4052; 0525-0547 M EE ID as "Radio Truth", inspirational mx including "Shall We Gather at the River"; poor 6/9. (Wood, TN)
- 4460 **CHINA CPBS** Beijing 1221 M w/long talk in CC; fair 5/5. (Brown-MO)
- 4716.6 **BOLIVIA R. Yura** 0035-0053 M w/ SS talk, rustic vocals, ID & more talk by W ancw; poor 5/29. (D'Angelo-PA) 4716.66; 0130-0215 local Bolivian mx; ID, SS anmts, march type mx; weak & poor in noisy conditions 5/27 (Alexander-PA)
- 4749.95 **SUDAN? R. Peace (T)** 0308-0400+ talk in unid lang; too weak to catch any ID; could be R. Peace but I didn't think they were off frequency. 5/25. (Alexander-PA)
- 4750 **INDONESIA RRI-Makassar** 1000 chanting, talk by M when re-checked at 1019; fair-poor 6/9. (Ronda-OK) (P); 1131-1133 presumed beneath a jumble of co-channel Chinese QRM. Indonesian language with M&W talk noted, but tough copy under the Chinese. 6/11 (Atkins-WA)


- 4770 NIGERIA R. *Nigeria, Kaduna* 0508-0518 M W "News Nation" pgm in EE; talk of power outages & political cmtry; ID as Radio Nigeria-Kaduna; poor 6/9. (Wood-TN) 0438, but weak and nearly buried in QRN. 6/6. (Dexter-WI)
- 4775 SWAZILAND TWR 0454-0509 rel talk by M, ID & usual tuning signal between programs. Opened another program at 0500. Very poor with much static 6/23. (D'Angelo-PA)
- 4777 GABON R. *Gabon* *0456-0511 OC, drums from 0458; then M ID & fqy anmts in FF; orchestral NA 0459; then open anmts and news; into a program of pop vocals at 0508; fair 5/26. (D'Angelo-PA) 0503-0515 FF nx, ID 0505, talk by M, bridge, 2nd M w/ program of nice Afropop; 5/26. (Taylor-WI) 0514-0521 Afropop & indigenous mx w/M in FF talking over almost all of the selections; fair 6/9. (Wood-TN)
- 4780 DJIBOUTI *Rdiff TV de Djibouti* *0300-0324 opened w/ NA, hen M w/opening ID & anmts; P-F 6/7. (D'Angelo-PA)
- 4780 GUATEMALA R. *Cultural Coatan* 1049 morning pgm in SS; rapid decline in signal to almost unreadable by 1115; vy good 6/9. (Ronda-OK) 1120 marimba-like mx & vocals; SS ID 1132; fair 5/26. (Ronda-OK) 1215 M w/SS preaching; good 5/5. (Brown-MO) 4779.96; 1129 SS IS 1130; poor modulation; 5/28. (Herr-CA)
- 4790 INDONESIA *RRJ Fak Fak* 1200 Jakarta news after SCI; 4/29. (Brown-MO)
- 4790.15 PERU R. *Vision* (P) Chiclayo 0516-0535 M in SS in front of live audience, hymn bridge; 2nd M talk, bridge, 1st M. w/ another talk. No ID heard, but the right format and precise frequency. 5/26. (Taylor-WI)
- 4799.8 GUATEMALA R. *Buenas Nuevas* 1134-1136 children's choir in SS singing a gospel song. Very good level 6/11. (Atkins-WA)
- 4810v MEXICO *XERTA* 0253 pgm of light classical music; fair 5/27. (Ronda-OK) 0440 mx in QRN & CODAR; best in LSB; 6/6. (Dexter-WI) 1130-1154 pgm of musica popular; strong w/weak sweeper 5/5. (Brown-MO)
- 4828 ZIMBABWE *ZBC* 0212-0235 in lang; continuos Afro mx thru tune-out; poor under relentless CODAR 5/28. (Barbour-NH) (P); 2220-2355+ continuous African mx Zimbabwe also heard on 3396 at 2355 but with separate programming; weak; poor w/CODAR QRM 5/25. (Alexander-PA)
- 4834 PERU R. *Maranon* (P) Jaen 0119 extremely weak in heavy QRN. 5/31. (Dexter-WI)
- 4835 AUSTRALIA *VL8K* 0818 reggae; poor 4/29. (Brown-MO)
- 4840 INDIA *AIR Mumbai* 0026-0041 instl mx till W ancr w/Hindi talk, ID 0029; time pips 0030, then nx; poor, with very noisy conditions 5/21. (D'Angelo-PA)
- 4885 BRAZIL R. *Clube do Para* 0405 PP; pretty much back to back BRZ pops/ballads & Forro mx, one very lengthy; great stuff; fair 6/10. (Mikell-IL) 0815 PP romantic mx, echo TC by M w/ cookoo clock, station jingle; good level 4/29. (Brown-MO)
- 4909.23 ECUADOR R. *Chaskis* (T) Otavalo 0100-0120 Ecuadorian mx, SS anmts; poor in noisy conditions 5/26. (Alexander-PA)
- 4910 AUSTRALIA *VL8T* 0805-0813 two men w/interview about rugby; F-G 4/29. (Brown-MO)
- 4918.98 ECUADOR R. *Quito, LV de la Capital* 0045-0105 SS anmts, ads, jingles, talk; SS pop music; "La Voz de la Capital" ID; irregular. Good signal strength but slight CODAR QRM & adjacent channel splatter. Audio a little distorted. 6/16. (Alexander-PA) 0110-0200+ Ecuadorian music, SS ballads, ads, jingles, IDs. Weak, much stronger at 0400-0600 but anmts were somewhat distorted 5/26. Very irregular. (Alexander-PA) 4919; 0435-0455 M hosting pgm of Latin vocals, SS talk 7 IDs ("Radio Quito, la voz de la capital."); fair with some CODAR QRM 5/26. (D'Angelo-PA) 4919; 0439-0541 Latin instl mx, then M ID, TC over whistling & SS talk. Conversation by two men followed by another ID at top of the hour and program of Latin music. Fair 6/23. (D'Angelo-PA) 4919v; 1014-1024 M w/SS ID as "Radio Quito-La Voz de la Capital," and Ecuadorian folk music featuring guitars and either concertinas or accordions; fair 6/23. (Wood-TN) 4920; 0539-0550 Andean contemporary folk mx, SS ID 0542; mx with an interesting mixture of electronic instruments and Andean pan pipes; fair 5/26. (Taylor-WI)
- 4930 BOTSWANA *VOA* Moepeng Hill 0307-0340 *VOA World News Now* pgm w/nx & features in EE, ID & contact information; P-F 6/9. (D'Angelo-PA) 0307-0340 *World News Now* pgm w/nx & features in EE; ID and contact info; P-F 6/9. (D'Angelo-PA) 0442 M in EE; poor in QRN 6/6. (Dexter-WI) 0455-0501 M&W ancrs w/conclusion of EE political talk; ID & into news by M; P-F 6/11. (Atkins-WA)
- 4939.66 VENEZUELA R. *Amazonas* (T) Pt Ayacucho 0915- 0933 SS talk, LA mx; strong carrier but very weak modulation; too weak to catch any ID 6/15. Also heard at 0105-0120 on 6/16. (Alexander-PA) 4939.82(P); 0019-0037 M SS talk, each time preceded by snippet of "Godfather" theme, b/w musical selections. Several presumed ID's but all at reduced audio level compared to rest of b/c. P/F 6/14. (Barbour-NH)

- 4950 **ANGOLA R. Nacional** 2317-2353 M in PP b/w musical selections; nice ID 2320; good 5/23. (Barbour-NH)
- 4960 **SÃO TOME VOA** *0357 EE, Yankee Doodle IS, ID, nx & reports; poor 6/10. (Mikell-IL)
- 4965 **BRAZIL R. Alvorada (P)** 0037-0104 up-tempo mx w/M in PP b/w selections; no discernible ID noted; poor/weak 5/30. (Barbour-NH)
- 5010 **MADAGASCAR RNM** 0348-0408 tune in to booming signal with man talking in Malagasy with frequent mentions of Madagascar. Group singing and more talk until 0400 ID followed by choral singing. Signal was fair to good at tune in but began deteriorating around 0400; 6/24. (D'Angelo-PA) *0255-0335 instl mx & vocal mix opening music; W anc 0300 w/ID & s/on anmts in Malagasy; M w/brief talk before choir vocals; rel talk followed; P-F 5/20. (D'Angelo-PA)
- 5014.2v **PERU R. Altura** 0247-0359* W in SS talk till 0300, then pgm of lively OA music hosted by fast talking M anc; nice ID & TC 0315. Apparent s/off anmts & instl mx till carrier cut; poor 6/19. (D'Angelo-PA)
- 5030.01 **BURKINA FASO R. Burkina; *0529-0545 instl NA, opening FF anmts** 0530; local tribal mx; FF talk; fair 6/15. Costa Rica 5030 off the air tonight but some splatter from Cuba on 5025. (Alexander-PA)
- 5035.0 **BRAZIL R. Aparecida** 0910-0920 PP talk, promos, ID; Brazilian ballads. Weak. Better on // 6135.0. 6/3. (Alexander-PA)
- 5040.51 **BURMA R. Myanmar (P)** 1138 Asian mx by W; steady w/low het; gone by 1158; poor 5/5. (Brown-MO)
- 5045 **BRAZIL R. Guarujá Paulista** 0509-0536 group vocals, jingle ID, M in PP talk & another ID; jingles & ad string w/pop vocals; poor 5/26. (D'Angelo-PA)
- 5446.5 **USA AFN Key West, FL 0440-0512 "Technician" program** featuring interview with book author; ID 0500, then AP Radio News, VA benefits promo anmt & "Sports Overnight America"; fair 5/27. (D'Angelo-PA) 

Company Store

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Hello everyone. I have no announcements this month but I should know the price and availability of the 2008 *WRTH* & 2008 *Passport to World Band Radio* in a month or two.

I'll be ordering some T-shirts later this month, so if anybody has suggestions for colors, please email or write. The present inventory is low and all are NASWA blue. I've been thinking of ordering the next bunch in body slimming black but I'll wait until I receive suggestions. Until next month, Peace and Good DX, Jim. 

eb

Visit our newly redesigned and refreshed club home page on the World Wide Web at <http://www.naswa.net/>, including the NASWA Loggings Database, containing logs published in the *NASWA Journal* going back to November, 1998. The NASWA Loggings Database can help you identify a station based on what other club members have heard. Try the database at <http://www.naswa.net/logs/>.

WANTED: The owner's manual for the Sony ICF SW-1S receiver or a copy thereof. Please email lotte.gunneman@sympatico.ca.

International Band Loggings

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

- 59104v **COLOMBIA Marfil Estereo** Puerto Lleras in SP 0412-0501*, DJ w/LA vocals, talk, IDs over music after every 2 or 3 songs, suddenly off in mid-song, fair w/D Welle QRM 5910 (D'Angelo PA 5/28) in SP 0802, OM hosting musical selectins, ID 0807, good (Barbour NH 5/14)
- 5915 **ZAMBIA R Zambia Radio One** Lusaka in Vern 0238-0310, Fish Eagle IS, choral NA, drums, excited talk w/crowd noise in background, Lusaka ID, pop Afro songs, fair (Howard CA 6/8)
- 5930nf **CYPRUS CBC** Limassol in GK 2240, talk, GR mx, ID, closing ID 2245 over instrumental music, poor, //7210 fair w/QRM and 9760 at good level (D'Angelo PA 6/15)
- 5985 **RWANDA Sudan Radio Service** Kigali in EG 0319, music until 0329 closedown, ID, fair but mixing with R Marti and Cuban? Jammer (D'Angelo PA 5/28) ED: Weekdays only listed.
- 5990 **BRAZIL R Senado** Brasilia in PT 0955, ID, BR mx, talks, vg (Alexander PA 5/18)
- 60095v **COLOMBIA LV de tu Conciencia** Puerto Lleras in SP 0510, religious talk, fqy drift (Alexander 5/18) in SP 0328-0410, soft relig vocals, talks, ID 0404, flute mx, sermons, fair (D'Angelo PA 6/7)
- 6030 **CANADA CFVP** Calgary relaying CKMX-AM in EG 0803, usual in-the-clear Monday (R Marti and jammer are off), pop rx, ID as "Classic Country AM 1060", PSA, f-p (Howard CA 5/28) only 100 w.!
- 6035 **BHUTAN BBS** Thimphu in Vern 0003, brief ancmts, distinctive burst of local instrum'l mx and monks chanting to past 0016, fair on clear channel (Barraclough UK 5/20) Rare catch in UK
- 6040 **HUNGARY R Budapest** in EG 0103, interview of 2 American dancers performing in Hungary, at 0118 went into pgm hosted by Charlie Good featuring traditional HG dance mx, vg (Delmage AB 5/7)
- 6055 **JAPAN R Nikkei 1** Tokyo in JP 0946, talk over mx, ID at TOH, poor/weak (Barbour NH 5/23)
- 6080 **SINGAPORE R Singapore Int** in EG 1118, interview, mx segue, ID, QRM, //6150 (Herr CA 5/28)
- 61099v **ETHIOPIA R Fana** Addis Ababa in Vern 0305-0344, Horn of Africa mx, talks, poor mixing w/TWR on 6110 until 0332, //7210 poor under BBC until 0329 (Alexander PA 5/20, Barbour NH 5/21)
- 6120 **CANADA R Japan** relay in EG *1000, IS, pips, TC, ID, news, ment G-8 summit (McGuire MD 5/30)
- 6145 **CANADA China R Int** relay in EG *2300, ID, news, item about World Bank, g (McGuire MD 5/29)
- 6536v **PERU LV del Rondero** Huancabamba in SP 0210, local folk mx, ID, NA s/off 0224, p (Alexander 6/8)
- 69749v **ISRAEL Galei Zahal** in HB 2336-0010, wandering up and down the dial with HB programming that featured 2 YLs with pop vocal selections, ID, news 0000, fair (D'Angelo PA 5/29)
- 7105 **BELARUS R Belarus** Minsk in EG 2040-2145, news features, lite instrum'l mx, IDs, mx from Porgy and Bess, fair w/muffled audio and some HAM rtty QRM, //7390, 7440 (Alexander PA 5/18)
- 7240 **SOUTH AFRICA Channel Africa** in EG 0503, news re AIDS treatment for children, p (Wood TN 6/2)
- 7260 **UNITED KINGDOM R Algerienne** relay via Skelton in AR *0359-0432, 5+1 pips 0400, orchestra NA opening Holy Qu'ran service, ID, ancmts, mix of talks and recitations, g, //9540 (D'Angelo PA 6/8)
- 7320 **RUSSIA R Rossii** Magadan in RS 0926-1004, opera and classical mx, rooster sound 0959, jazz and IDs, 5+1 pips, strong warble/pulsating noise/audio, //5920, 5940, 7200 (Howard CA 6/2)
- 7555 **KUWAIT VOA** relay in Special EG 2345, American Mosaic pgm w/host Doug Johnson, features on Scripts, Spelling Bee, and Jim Carey, IDs, into Pashto 0000, p-f (D'Angelo PA 6/7)
- 9335 **NORTH KOREA V of Korea** Kujang in EG 1345, patriotic vocals, propaganda cmntry, sked, ID at 1355 "This is the Voice of Korea, Pyongyang", slight hum on xmsn (Strawman IA 6/10)
- 9415 **CZECH REPUBLIC R Prague** in EG 2230, business news, feature re Central Europe, ID, IS, sked, fqy, report on Pres Bush, f-g (Wood TN, McGuire MD 5/29)
- 9460 **EGYPT R Cairo** in EG/AR 2356-0105 lang lesson, ID, traditional AR mx, news, change over to AR programming 0030 w/Qu'ran chant, music, and talks, good modulation (Taylor WI 6/6)
- 9495 **IRAN VOIRI** Kamalabad in EG 0142-0230, news articles, cmntry w/distinctively anti-American tone, ID, sked, s/off 0230, fair (Taylor WI 5/27)
- 9525 **INDONESIA V of Indonesia** Jakarta in KR 1300, gamelan, ID in EG and KR, talk in KR to 1333, at 1400 ID in JP? clashing w/CRI's RS xmsn, rest of hour in Indonesian (Hauser OK 6/12) in CH/EG 1101-1119, ballads hosted by YL, ID in EG and website 1117, f (Barbour NH 5/28)
- 9665v **BRAZIL R Marumby** Florianopolis in PT 2310, relig mx and sermon, //117498 (Alexander PA 5/26)
- 9665 **RUSSIA V of Russia** Kishinev in SP *0000, IS, ID, fqy, sked, nx, item on Hamas (McGuire MD 5/18)
- 9690 **NIGERIA V of Nigeria** Ikorodu in Hausa *0814-0900+, talk, local tribal theme mx, into another Vern (Fulfulde listed) at 0900, p-f (Alexander PA 6/9) in EG 1256, Afro mx, ID 1300, news until 1305, then African Safari music program, weak but clear (Barbour NH 6/12)

- 9705 **NIGER** *LV du Sahel* in FR 2249, talk, Qu'ran recitation, ID, NA, s/off 2301, p-f (D'Angelo PA 5/22)
- 9720 **TUNISIA** *RTV Sfax* in AR 0253-0331, traditional mx featuring a flute and string instruments w/ brief and consistent talk in b/w selections every few minutes, g (Comeau MA 5/28)
- 9735nf **TAIWAN** *R Taiwan Int* in JP 1142-1324, IDs, mix of modern and traditional Asian songs and CH-type music, noted //71299 (Howard CA 5/28, Taylor WI 5/27, Ronda OK 5/26)
- 9750 **SEYCHELLES** *BBC* relay in EG 0316, news re requests to fire Secretary Gonzalez, Wolfowitz scandal, and Pakistan violence, ID 0330, poor w/HCB splatter on 9745 (Barbour NH 5/15)
- 9785 **TURKEY** *V of Turkey* in EG *1830, news on giant pro-secular rallies in Turkey, g (Fraser ME 5/13)
- 9800 **MONACO** *TWR* relay via Monte Carlo in EG 0802-0820*, "Through the Bible" w/Bible verses and discussion, TWR ID, IS and s/off ancmts, fair (D'Angelo PA 5/22)
- 9860 **VATICAN CITY** *V of Russia* relay in EG 0451-0500*, YL w/interview re Gaelic influence in Russia, ments of Scottish foods available, bagpipes, and wearing kilts in Moscow, g (Wood TN)
- 9870 **AUSTRIA** *RAI Moosbrunn* in EG 0150, mailbag, s/off w/multi-lang ID/IS 0155, f (Delmage AB 5/7)
- 9875 **LITHUANIA** *R Vilnius* via Sitkunai in EG 2342-2359*, reports on human trafficking, debate over Lithuanian deep-water port, ID, feature on local antique shops and flea markets, g (Barbour NH 5/15)
- 9965 **PALAU** *TBBZ Gospel Radio* via Koror in CH 1038-1110, long religious talk, relig vocal w/EG lyrics, ID, intro to new program at 1100 followed by inspirational mx, p-f (D'Angelo PA 5/21)
- 9989v **EGYPT** *R Cairo* in EG 2220, YL w/health nx, feature on computer nets in Egypt, AR mx (Wood 6/15)
- 11550 **KUWAIT** *R Free Asia* relay in Tibetan 1550, commentary and vocals, Firedrake jamming underneath after 1555, music up to 1600 when audio faded out, fair (Strawman IA 6/10)
- 11590 **ISRAEL** *V of Israel* Tel Aviv in EG *0330, ID, nx re Gaza area and Hamas, g, //9345 (Wood TN 6/17)
- 11610 **CHINA** *China R Int* Xi'an in Mongolian 1121, chorus of "God Bless Ye Marry Gentlemen" used as a bridge b/w sections, chorus mx, ID sequence, website in EG, fair (Taylor WI 6/17)
- 11625 **SPAIN** *REE* Noblejas in EG 2140, mx request program, ID, address, fair, //9840 (Wood TN 6/10)
- 117106 **ARGENTINA** *RAE* in EG 0235, DX tips, ID, classical mx, sports rpt, IS, ID, fair (D'Angelo PA 6/14)
- 11730 **JAPAN** *R Japan* Tokyo in EG 1450, ezl music, sounds of nature, JP artists feature, f (Wood TN 6/10)
- 11780 **BRAZIL** *R Nacional da Amazonia* in PT 1710, very nice pgm featuring adult contemporary, Beach, and Samba mx, f (Wood TN 6/16) in PT 0131, fgy sequence, ID, mellow mx, f-g (Taylor WI 6/17)
- 11800 **ITALY** *RAI* Rome in FR 0123, feature on Gaza crisis, sudden ID in EG 0126, news cut off in middle of sentence for one minute then into IT pgm 0130 (Ronda OK 6/13) in EG *0055, IS, ID, political and economic news, good (McGuire MD 5/30)
- 119151 **BRAZIL** *R Gaucha* Porto Alegre in PT 0244, ad string, discussions, instrum'l mx segments prior to ID and fgy announcement 0259, carrier cut 0300, fair (D'Angelo PA 6/12)
- 11940 **ROMANIA** *RRI* Bucharest in EG 2210, news re the ending of current school term in Romania, ID, and feature re ethnic Romanians in Moldova, fair, //9790 good (Wood TN 6/15)
- 11970 **GABON** *R Japan* relay Moyabi in RS 0450, talks, soft vocals, TS, into SP 0500, fair (Ronda OK 6/16)
- 11975 **GERMANY** *R Free Asia* relay via Wertachtel in Tibetan 0246, talks by OM/YL, brief mx segments, ID, closing announcem'ts before carrier cut at 0300, fair (D'Angelo PA 6/9)
- 11980 **TURKEY** *V of Turkey* in TK 0441, some lovely exotic vocal mx w/other-worldly reverb interrupted by brief ancmts in TK, good signal beamed toward N America (Hauser OK 6/16)
- 12095 **PHILIPPINES** *FEBC* Manila in Khmu (N Laos) 1050, OM w/talks, upbeat mx, s/off ancmts and IS at 1100 cutoff, fair, listed Hmong Daw vernacular pgm not heard after 1100 (Barbour NH 5/16)
- 12115 **ICELAND** *RUV* Reykjavik in IC 2306-2341*, YL hosting news and features in IC, brief 3 min break at 2312, back on 2315 w/instrumental mx and s/off? ancmt at 2340, p-f (D'Angelo PA 6/7)
- 13630 **AUSTRALIA** *RA* in EG 2226, rpt on wx and floods, morning show, ezl mx/chatter, f-p (Ronda 6/16)
- 13680 **CUBA** *R Nac de Venezuela* relay via Havana in EG/SP 2330, ID as the "International Channel of Radio Nacional de Venezuela", news re OAS and sports, then back to SP (Paszkievich WI 6/11)
- 13730 **NEW ZEALAND** *RNZI* in EG 0115, "At the Movies" feature, ID 0133, fair (Ronda OK 6/17)
- 13765 **VATICAN CITY** *Vatican R* in HD 1430, IS, flute mx at s/on, program of talk and nice So Asian music into Tamil at 1450 w/similar programming (Taylor WI 5/28)
- 13775 **CANADA** *ORF* (Austria) relay via Sackville in EG 1521, talk re a museum in Vienna that has a pay per call telephone service dealing w/adult-oriented literature from the 18th century, vg (Wood TN 6/10)
- 15235 **CANADA** *RCI* Sackville in EG 1851, "Blink" feature pgm with news about the Canadian wine industry, IS, ID in EG and FR at 1900, into FR service after 1900, vg (Wood TN)
- 15295 **MALAYSIA** *V of Malaysia* Kajang in CH 1150, pop mx and ballads wYL DJ, ID 1200, news?, nice ID string at 1210, fair at best w/mild splatter from RFI on 15300, //11885 (Barbour NH 5/20)
- 153438 **ARGENTINA** *RAE* in SP 2221-2248, interview, Beatles rx of "Ruby Tuesday", 2+1 pips at 2230, IDs Bosa Nova mx, f-g with no QRM (Howard CA 6/2)

- 15370 **CUBA R Rebelde** Havana in SP 1650, ID 1656 and program of Latin Amer mx, vg (Askine TX 5/19)
- 15420 **SEYCHELLES BBC** relay in EG 0346, discussion re the economics of world food demand and supply, ID, poor reception (Wood TN 6/17)
- 15425 **RUSSIA V of Russia** relay via Petropavlovsk in RS 0220, talk by OM/YL w/short mx bridges, good signal w/fading, weak //s at 5900 St. Petersburg and 7260 Moscow (Evans TN 6/8)
- 15450 **PHILIPPINES R Veritas Asia** in Burmese 1146-1157*, mx and talk, cover of "Living La Vida Loca", ID and IS at s/off, poor (Barbour NH 5/28)
- 15476 **ANTARCTICA LRA36 R Nacional** in SP 1920-2100, local romantic country mx (not tangos heard on RAE), from 1930-1935 full ID in multiple languages, newscast? w/jingles b/w items, fair w/fades and lightning QRN, best b/w 2030-2100, mx and ancmts continue to s/off at 2100 w/out any formal s/off announcements (Delmage AB 5/21, Hauser OK 5/21)
- 15690 **FRANCE R Taiwan Int** relay Issoudon in EG 1702, weather for Taiwan and the So China Sea area, feature "Occidental Tourist", poor (Wood TN 6/10)
- 17655 **HAWAII KWHR** Naalehu in EG 0303, Christian mx, ID, suggestion that churches consider World Harvest Radio as their radio mission, 0315 preacher show, fair (Mikell IL 6/7)
- 17735 **NETHERLAND ANTILLES R Nederlands** relay via Bonaire in EG 1942, feature "The State We're In" concerning a US citizen being convicted and then exonerated 19 years later, another item about an opera set in a prison, //15315, 17660 all very good (Wood TN 6/10)
- 17735 **CUBA R Rebelde** Havana in SP 1711, Latin American mx w/voiceovers, ID, exc (Askine TX 6/1)
- 17795 **AUSTRALIA RA** in EG 0055, program billboard, IDs, website, TC, news, //17715 (Wood TN 6/17)
- 17810 **ASCENSION ISLAND UN Radio** relay in EG 1730, news, "UN Today", complete sked at 1744 and abrupt s/off 1745, good (Delmage AB 5/7) ED: Total xmsn lasts only 15 minutes.
- 21470 **ASCENSION ISLAND BBC** relay in EG 1640, OM w/"African Sports World", item on yacht racing and the America Cup, good (Wood TN 6/11)

Clandestine/Opposition Stations

- 6300 **WESTERN SAHARA R Nacional de la RASD** Rabouni in AR 2304-0001*, news and headlines 2323, regional mx, talks, ID at closedown, p-f (D'Angelo PA 6/15) in AR 2342-0000*, impassioned talk with mx backgrounds, ethnic instrumental mx, IDs, NA?, f (Wood TN 6/16) in AR 0606, monotonous chants, ID, instrumental mx, talks (Hauser OK 6/5) Recent sked change has morning AR xmsn starting one hour earlier at 0600 to 0800 and evening s/off an hour earlier at 2300 (per DX Listening Digest)
- 9485 **TAIWAN Shiokeze 2 (Sea Breeze)** via Tanshui in EG *1300-1330*, piano IS, IDs "This is Shiokeze Sea Breeze, from Tokyo, Japan", YL w/details of Oct 1977 abduction and ended with the profile of a 1984 abduction, f-p with light QRM from 9480 but no jamming (Howard CA 6/9) in EG(p) *1300, IS, YL w/sign on announcements, into talks by OM to t/o, p-vp (Barbour NH 5/15) ED: Howard reports that a pattern of EG broadcasts on Tuesday and Saturday has emerged lately.
- 9525 **ASCENSION ISLAND Star Radio** (Liberia) relay in EG 0707-0729, article on trials in Liberia, ID, "Contact" program listing of people trying to get word about or contact others since the end of the war, off in mid-sentence 0729, poor (Taylor WI 6/5) in EG/Vern 0710-0800*, "Liberia Today" news pgm, some Vern but mostly EG, about 2 minutes of silence at 0730 followed by an apparent repeat of the first half hour program, fair (Alexander PA 5/25, D'Angelo PA 5/22)
- 9525 **ASCENSION ISLAND Cotton Tree News (CTN)** to Sierra Leone in EG/Vern 0731-0800*, starting with drums, news items re Fourah Bay College, IDs "This news comes to you from CTN, Freetown", repeat of news in Vernacular, no QRM from V of Indonesia on this frequency (Howard CA 6/2)
- 9765 **MADAGASCAR Radio Voice of the People** relay in Vern/EG *0400, s/on w/African music and ID in both languages, sked, talk in Vernacular, repetitive IDs, very good (Alexander PA 5/26)
- 9930 **HAWAII Open Radio for North Korea** via KWHR relay in KR 1104-1158*, talks w/classical music background, eclectic selections of Korean ballads etc., ID in EG that KWHR was going off the air on 9930, f-g with no jamming noted (Howard CA 6/12)
- 11810 **RUSSIA SWR Africa** relay via Armavir in EG *1700, s/on with "live" music, ID, sked, website, "Call Back" pgm w/interview re corruption and fraud throughout Zimbabwe and Africa, //12035 via Norway, fair reception on both frequencies (Barbour NH 5/15)
- 12035 **UNITED KINGDOM SW Radio Africa** relay via Rampisham in EG *1700, s/on w/"African" jingles and into local African mx, "Call Back" interview pgm, IDs, vg, //11810, 11775 (Alexander PA 5/19) in EG *1700-1735, African mx, ID, website, into "Through the Valley" religious talk tied into what is happening in Zimbabwe now, talks about the Christian Alliance helping the opposition parties, song "Oh Happy Day", p-f (Howard CA 6/10)

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