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etón E1 XM

GRUNDIG

YB-550 PE

➤ **FREE YB-550**
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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 keypad 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 5.75 x 1.375 inches 10 oz. The PPI0440 AC adapter is optional. The YB-550PE was originally introduced at \$99.95, and is a great value at \$59.95.

YB-550	Order #0550	\$59.95
PPI-0440-UL	Order #2413	\$14.95

The etón E1 XM (originally announced as the Grundig Satellit 900) is the world's first radio that combines AM, FM, shortwave and XM Satellite radio into one ultra high-performance unit. In development for nearly ten years, in collaboration with RL Drake Company and XM Satellite Radio, the E1 is simply the finest full-sized portable in the world. The E1 is an elegant confluence of performance, features and capabilities. The look, feel and finish of this radio is superb. The solid, quality feel is second to none. 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-event 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 complete status of your radio.



➤ **FREE YB-550**
with your E1 purchase!

The Grundig YB-550PE will be included **FREE** with your purchase of an Eton E1 for a limited time. Offer valid to 06/30/07.

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 offers a PL259 to KOK antenna jack adapter (#1052 \$14.95) as well as a sturdy angled lucite radio stand (#3873 \$16.95).



AUDIOVOX CNP2000

UNIVERSAL LARGE STAND



The E1 comes with an AC adapter or may be operated from four D cells (not included). 13.1L x 7.1H x 2.3W Weight: 4lbs. 3oz.

We are shipping latest production, high serial number units. Free YB-550 for a limited time. E1 XM Order #0101 \$499.95

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

The Eton E1 is XM ready. This means you may purchase the Audiovox CNP2000DUO XM antenna module/base at any time. The CNP2000 can be moved from one E1 to another E1, or even to some other compatible electronic products. It has a 25 foot cable. CNP2000DUO Order #0072 \$58.95

Clear radio stand to hold Eton E1 at optimum viewing and operating angle. It is 12 inches wide, very sturdy and was designed expressly for the E1. STAND Order #3873 \$16.95

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Prices and specs are subject to change. Prices shown are after mtg's. coupons. Returns are subject to a 15% restock fee.

I am planning to get a Berks County, PA based NASWA group together in the near future (this plan has been in various stages of development for about five years). If you would like to be part of this meeting group, please let me know. Preliminary thoughts are 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. We have talked about doing this in the past but nothing ever materialized. It is time to try this again, hi! I already have the following names of those that have expressed interest in the past: Rich Cuff, Rich D'Angelo, Mark Ferrioli, Ron Hunsicker, Ed Mauger, and Dave Turnick. If you would like to be part of this august group, drop me an e-mail or postal note soon (see masthead for contact information).

The next meeting of the Reading International Radio Group will take place on Saturday June 2 at 2.30 p.m. in Room 3, Reading International Solidarity Centre, 35-39 London Street, Reading, England. 15 to 20 DXers attend these meetings, all are welcome. Among the topics we will be looking at radio during the time of the Falklands War, audio will include Falkland Islands Broadcasting Service during the invasion as well as the official and psyops shortwave stations at the time. For more details contact **Mike Barraclough** <mikewb@dircon.co.uk> or phone 01462 643899.

Due to a recent postal rate increase to Canada, we will need to increase our membership fee for our members in Canada. As a result of the \$0.16 a month increase in postage costs, our rates to Canada will increase by \$2.00, effective immediately. Overseas rates could also be impacted and we will pass along word on any changes there as soon as we understand the new postal rates.

Sean Gilbert, on behalf of the World Radio Television Handbook (WRTH) editorial Team, announced that a file containing the summer schedules of all international broadcasters is now available for free download from <http://www.wrth.com>. In addition, this 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.

AJ Janitschek of Radio Free Asia notes "RFA's Technical Operations Division is proud to announce the release of the company's 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. The first QSL will be issued for all valid RFA reception reports from May 1-31, 2007 (*Flashsheet* participants got word of this on time!). The others will be used consecutively for one month only." RFA encourages listeners to submit reception reports. Reception reports are valuable to RFA as they help them evaluate the signal strength and quality of RFA transmissions. 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

Our Motto: Unity & Friendship

America. Upon request, RFA will also send a copy of the current broadcast schedule and a station sticker.

Don't forget to order your copy 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 as 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 Vaerloese, 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 USD 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. Check out this month's *Shortwave Center* for a comprehensive review of the DBS-9.

Dave Kenny of the British DX Club (10 Hemdean Hill, Caversham, Reading RG4 7SB, United Kingdom) reports the availability of their Summer 2007 edition of *Broadcasts in English*. It was compiled by Dave Kenny and includes details of all known international broadcasts in English on shortwave and medium wave for the A07 schedule period, as well as selected domestic English-language broadcasts on short wave. The 32-page booklet is in time order and covers all target areas with transmitter sites included wherever possible. There are schedules of DX programs, Digital Radio Mondiale (DRM) and World Radio Network services in English to Europe. Copies are available at the following prices, which includes postage): United Kingdom—2.50 pounds sterling; Europe—5 Euros or 6 International Reply Coupons (IRCs)s; Rest of World—7 US dollars or 7 IRCs. Sterling payments by checks and postal orders to "British DX Club" or via Paypal. Dollar or Euro payments by cash or Paypal. Orders direct to the club at the above address or e-mail: bdxc@bdxc.org.uk. You can find the club on the Internet at <http://www.bdxc.org.uk>.

Don't forget to visit new Company Store Manager **Jim Strader** who recently took over

the operation of the store. The new *Company Store* location is 74 Miller Street, Middleborough, MA 02346-3216. Jim can be reached by e-mail at jimstrader@msn.com. All orders for Company Store merchandise should go to Jim immediately. Welcome aboard Jim!

The recently concluded National Association of Shortwave Broadcasters (NASB) and USA DRM Group meetings in Elkhart, Indiana on May 10th and May 11th featured several stations carrying out special DRM test transmissions. CBC Radio from Sackville, New Brunswick broadcast 12 days of DRM with programming from NASB members from May 1 through May 12 at 2200 to 2230 UTC on 9800 khz. HCJB broadcast from Quito, Ecuador on a daily basis from April 30 through May 26 from 1500-0100 UTC on 15680 khz and 0100-0400 UTC on 9915 khz with only 4 kw. Also, Vatican Radio did two special trans-Atlantic DRM tests during the meeting at 2000-2100 UTC with music and announcements about the meeting on 15525 khz.


Another reminder about **Bob Padula** (404 Mont Albert Road, Mont Albert, Victoria 3127, Australia, or bobpadula@mydesk.net.au) and the A07 edition of his non-commercial print publication *Shortwave Broadcasts to Australia, New Zealand and the Pacific Islands*. It covers the seven-month international shortwave transmission period commencing March 26, 2007 and concluding on October 27, 2007, known as the "A07 International Transmission Season". It is 20 pages, commercially printed. It has several hundred entries, providing comprehensive information of shortwave broadcasting schedules to Australia, New Zealand and the Pacific Islands for transmissions in all languages. The complete schedules for Radio Australia and CVC Australia are included. The data is arranged in two sections, by studio country and starting time. Each entry shows broadcasting organization, frequency, starting time, finishing time, language, target area, transmitter site, transmitter country, studio country, and days of operation. The publication is compiled from an extensive worldwide network of broadcasters, frequency planners, engineering consultants, professional monitors, and members of the Electronic DX Press Radio Monitoring Association. Information is also included

from the detailed research by the author, Bob Padula, a communications engineer and journalist, with over 45 years experience at both the professional and hobby level. For mailing to Australian addresses: A\$10—cash, personal check, bank check, Australian Money Order, financial institution check, mint Australian stamps, PayPal. For mailing to countries outside Australia: US\$10/€10/£6/A\$10 (cash, 10 international reply coupons, Australian mint stamps to the value of A\$10, international bank transfer, international bank draft, PayPal). Cash payment in any other currency is acceptable, to the equivalent of US\$10.


Summer is just a few days away 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.

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

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

FRENDX: Twenty-Five Years Ago (June 1982)


Helping Hand saw ads from Dan Robinson (HQ-180), David Walcutt (Drake FS-4 Synthesizer), Mike Ager, Bob Hill (R390), Fred Kohlbrenner (buying old *Frendx* bulletins), and Steve Leite (HQ-180C). John Kapos was planning the Kap IV Konvention for June 13th at his home encouraging hobby beginners to attend. Grant Manning announced that Radio West was back in business. The last *Shortwave Center* under John Moritz appeared with Chris Hansen scheduled to replace John as editor of the column. Al Sizer was stepping down as editor of the *It Sounds to Me* mini-column within *swc*. Richard E. Wood wrote about "Radio In French Polynesia" while Bill Sparks wrote a retrospective entitled "Memories of Fiji." The Radiogram Kid wrote about "Charlie Loudenboomer Seen In England?" In *Technical Topics*, Ed Shaw revisited the Allied SX-190 receiver. In the *QSL Report*, Sam Barto noted 108 countries were reported this month. In *Update*, editor Tom Alleman provided Legal News of the FCC bust of Voice of the Voyagers warning other operators that the FCC claims to know where they all are located. 

Calendar Of Events

- Jun 2 Meeting. Reading International Radio Group** meeting will take 2.30 p.m. in Room 3, Reading International Solidarity Centre, 35-39 London Street, Reading, England. Among the topics we will be looking at radio during the time of the Falklands War, audio will include Falkland Islands Broadcasting Service during the invasion as well as the official and psyops shortwave stations at the time. For more details contact Mike Barraclough <mikewb@dircon.co.uk> or phone 01462 643899.
- Jun 8 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.
- Jun 8 Meeting. Boston Area NASWA Chapter.** The Boston Area DXers have found a new location for meetings. Inquiries about the BADXers may be sent to Paul Graveline at 978-470-1971 or Internet: ctreditor@aol.com. The URL for the BADX guys is <http://www.naswa.net/badx/>
- Jun 15-17 DX Parliament.** The Swedish DX Forbund will hold its annual DX Parliament at Laholm in Southern Sweden on 15-17 June 2007. Contact Lennart Weirell (lennart.weirell@swipnet.se) for further information.
- Jul 14 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 is scheduled for Saturday, August 18, 2006. The location will be in Madison, WI (more details to follow). This is an all-band event, and everyone interested in the radio hobby is welcome. Tell your radio friends about it, and make your plans early to attend the 14th Annual Madison-Milwaukee Get-Together for DXers and Radio Enthusiasts for another fun and memorable day of visiting with your fellow radio hobbyists.
- 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 (hotel-dischma@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

Marlin Field, 128 Oak Street, Hillsdale, MI 49242

I was pleasantly surprised to receive the William P. Eddings Award for 2007. I remember Bill as the Executive Director of NASWA, the first as I recall. After I had submitted one or two articles of a religious nature to the hobby magazine, then called *Friendx*, he asked me to do so on a regular basis. That I have done. That was over 40 years ago. Thanks for the honor of receiving the award.

Marlin

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

Last year, I had sent in a musing about a screen protector available from ShieldZone.Com. I went ahead and bought one for my handheld GPS and my digital camera. In and out of cars and bags, camping, hiking in the Yukon, and such... It works as advertised... there isn't a scratch to be found on either screen. I had been a bit skeptical about how it gets applied "easily" and that was a cinch too. I had thought about ordering one for the display on my E1 but now think it isn't necessary... it really doesn't get into rough places and handling like a GPS.

73, Kevin

Dave McLaren <davene9n@hotmail.com>, 1904 1st. Ave, #40, Rock Falls, Illinois 61071

Would anyone by chance know if there are any videos available to show the outlay of the antennas and equipment at the VOA? or any other shortwave broadcaster??? Would you please post this question to the general membership maybe some one would know.

De Dave McLaren

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

Dear radio friends, here is the topic of the month. Radio St. Helena 2006 card is coming soon. The e-mail from Mr. Kipp on 20th of April was saying: Please note that the Radio St. Helena Day 2006 QSL cards should be now aboard the RMS St. Helena and on the way to Ascension Island. It should take about a week for the QSLs to reach England. From London, the cards will go by air mail to the many SWLs around the world eagerly awaiting their arrival. Many thanks to everyone for the return postage in most of the reception reports and the extra donations, which were used to purchase the cards. Laura Lawrence and her staff at Radio St. Helena posted the cards this week in Jamestown. With very best greetings from Radio St. Helena to all SWLs, Laura Lawrence - Station Manager of Radio St. Helena and Robert Kipp - RSD Revival 2006 Project Manager.

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

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

The RFI I have been dealing with since last October has either disappeared, been resolved or taken a break this weekend. I'll contact my local utility rep tomorrow and see what he knows about it. Whatever the case is, it's nice being able to DX again from the comforts of home. I am also the winning bidder on Ebay for a Drake R8! Looking forward to delivery via UPS later this week.

Jim Ronda <james-ronda@utulsa.edu>, Tulsa, OK

Most of my logs this week came as the result of a joint listening session with Mark Taylor on 4/28 between 1100 and 1400. We checked in via e-mail every few minutes. Tulsa and Madison are about 700 miles apart, Tulsa being south and west of Madison. This was a great listening experience and I warmly recommend this kind of thing to others.

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

It was very interesting to have a listening session and being able to contrast reception across 700 miles in moments. There were a few logs heard in one place, but not the other and some that differed in quality. This adds another dimension to the DXing experience.

This is my second try on a mini Dxpedition on a Saturday morning. (My first try was a "learning experience") The E1 is a very nice receiver for this purpose. With its remarkable sensitivity and ability to receive stations from difficult conditions, it makes an excellent radio for field work. Radio, antenna, short coax line, small line and sling shot (for erecting the antenna), log, printed copy of EiBi list, thermos of coffee, binoculars (for watching birds), bird ID book, etc. all fit into a small backpack. That makes doing these short trips to Lake Farm County Park (which is about 10 miles from my house & which is remarkably electrically quiet) very easy. Even with sudden storms blowing up, a couple hours of Dxing is quite easy.

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

Bit of an upbeat musing to share. I've been lucky to have a series of events that seem to have eased a good deal of the local QRM I had. One sudden jolt, and a few things piece by piece. I never did too much "field research" apart from walking around the block with a radio a couple of times. I was able locate one source of QRM, but never IDed anything else that was blatant. Here are a few things I've taken notice to.

I think it was 2 summers ago, ComEd removed the 2 electric transformers on the pole in the backyard, but I don't think they were ever a problem. Behind me, tho, was the one problem I did locate while walking around the neighborhood. The neighbor behind has moved, and I did see a nice drop in QRM. Using the sample QRM audio files on the ARRL site, I did ID some of the noise as coming from his TVs. But what do you do... buy him a six-pack and say hey, dude, get a new TV? Hi! In addition, his buddy did a truly half-ass install of 3 satellite dishes and I'm guessing helped out with the rest of the electronics. Anyway, noticeable QRM drop. Miss them as neighbors, but not the QRM.

I've also put up a 2nd antenna. Still just some wire, a little shorter, but running in a little bit different direction than the other. Again, a little quieter. They're tearing up the next street, and something I just noticed today is that the ground level cable and phone company "boxes" are gone that were about 250 feet away. Looking at the pole... it doesn't look to be a temporary relocation or related to the road construction, either. Again, don't know if they were a problem, but it is quieter. This observation prompted this musing.

I IDed some in-house little noise makers. My work lap top is noisy when running on the AC adaptor. My home lap top is dead quiet on AC but noisy in the docking station. Using the ARRL QRM samples, I found another minor noise source, a router, and have that resolved, now. With that, I ran a new shorter jumper to the cable modem. That was very cool fix... it was the first thing I tried.

I'm hoping the QRM stays at least at these workable levels. In the back of my mind, tho, I daydream that the State of Illinois will decide to open a spark plug test facility nearby, hi.

Ross Comeau, MA

I verified North Korea, Voice of Korea/Radio Pyongyang, 9.335 full data card in 106 days. Also, I received a station pin, pennant, program schedule, three brochures from the Korea Stamp Corporation including one for the "140th Anniversary of Sinking down of the US Aggressive Ship 'General Sherman,'" a small colorful 3D calendar, and a magazine entitled "Foreign Trade of the DPRK," which included an ad for a company selling a UHF marine radio sets. Very interesting QSL package!

I have been trying to verify this station many times over the years, usually with no reply. When sending through a Japanese intermediary, I received a letter from a person claiming to be a North Korean dissident working at Radio Pyongyang. My last attempt resulted in a similar package from this station, including a letter referring to an enclosed QSL, but the QSL was missing! Thanks to some friends in Canada who facilitated this for me, I received the QSL this time.

Some other notes of interest: both the QSL and letter still refer to this station as "Radio Pyongyang," despite the name change that has been in effect on air for a few years now, and the trade magazine was a stark contrast to the "Dear Leader" propaganda material that was typically sent until recently.

Joe Wood Greenback TN

In case any of the membership doesn't know, US international postage will increase to \$0.90 for a 1 oz letter, postcard, or aerogramme. Please note that the rates for aerogramme and postcards are now the same as a 1 oz letter. IRCs will cost \$2.00.

George Herr <gpherr@earthlink.net>, 256 Rees Street, Playa del Rey, CA 90293

For those without DRM capability a word of explanation: audio requires a SNR usually greater than 15, but 20 db is better. If the SNR drops below this no sound comes out not even static. This dropout is very annoying if you want to listen. On the other hand if you just want to bag the station it is identified in a text box giving details such as name of station, type of program, country of origin, digital encoding method, and language. This is displayed at much lower SNR say 5-10 db so you know what you have even if you can't hear it. There is also text message banner display which can carry slogans or other information. Most of the broadcasters don't seem to be using this. RNZI is an exception and "You are listening to RNZI the Voice of the Pacific" comes rolling across the screen. The typical 10 kHz wide signal is easily heard on a regular radio at SNR levels which don't allow any decoding.

I believe that some of my poor DRM reception is due to a recurrent and extremely vexing local broad band noise. Fortunately it comes and goes and is at least partially responsive to phasing several antennas with my MJF 1026's (I use two in series). It sounds like computer hash, not at all like the usual power line noise. I think it is one of my neighbors. I know that plasma screens are sometimes an issue. Has anyone had any experience with this?

Doug Robertson <dr_tug@dslextreme.com>, 4045 Sunset Lane Oxnard, CA 93035
California lawmakers are expected to vote soon on legislation that could make the state first in the nation to ban sales of incandescent light bulbs. Starting in 2012, retailers would be allowed to sell only more energy-efficient bulbs such as compact fluorescents. Low-wattage and small bulbs, such as Christmas tree lights, would be exempt. Australia and Canada recently passed similar legislation that takes effect in two years. Connecticut and Rhode Island have begun considering bans. Texas lawmakers are proposing legislation that would require that standard bulbs in every state office and public school be replaced by fluorescents or LEDs beginning this year. New Jersey is also considering banning incandescent bulbs from public schools.

In March 2007, the Philips Lighting Co., the world's largest light bulb maker stated it plans to quit selling incandescent by 2016. Thomas Edison's illuminating invention is being attacked as notoriously inefficient, with claims at least 90% of the energy it uses is simply wasted as heat.

We know that fluorescent lighting is a huge RF generator of electrical interference in the home and can wipe out enjoyable shortwave listening with lit fluorescents in home usage. For years I have used my Magnavox D1875 portable analog shortwave receiver to demonstrate RF interference to my Marine Electronics classes. Two demonstrations are used. The band slide switch can quickly select quiet pre-selected frequencies in the SW bands from 5.95 to 26.3 MHz, LW from 150 to 255 kHz and AM and FM bands. The classroom is lit by banks of overhead fluorescents, audible in the receiver on all bands except FM. (I also use a small flashlight near the receiver (turned to full gain) to demonstrate the popping sound from the ordinary flashlight on-off switch amplified RF spark energy on all bands except FM-another demonstration of RF interference). These are simple telling demos of RF broad-band interference sources present especially near fluorescent lighting.

A fluorescent light emits wide-band RF that seems impossible to bypass-filter without near-complete signal loss in shortwave receivers. We should be concerned over these legislative developments and their effect on serious home shortwave listening. On another concern, my FRG-8800 just went belly-up, no screen display except green base info and no audio. Fortunately, I have several other receivers.

Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610
I have been enjoying outdoors DX session with the improved weather. I like to take my Eton E1 outside on the deck and set up shop after work for a couple of hours. Sometimes I will do this on a Sunday afternoon if we are around the house doing nothing of note. It is amazing how getting outside the house does improve reception conditions. In this age of digital hash, I'll take any advantage I can get, hi!

Here is this month's batch of QSL news which is a little on the light side this time around. I was quite pleased to get an electronic reply to an electronic follow up report from Bangladesh with verie signer Mohesh Chandro Roy (Senior Engineer) at the station promising to send "a QSL card as soon as possible." Walter Brodowsky at T-Systems continues to do excellent work verifying reception reports for all the various outlets that use their facilities. This time he confirmed IBC Tamil via Wertachtal indicating "You did listen to a transmission of IBC Tamil which was broadcasted towards SAS by using a 250 kW transmitter from Short-wave Radio Station Wertachtal." Dory Aalivandi at the Voice of Islamic Republic of Iran verified their relay at Sitkunai. Finally, Rinus at Cupid Radio sent three full data picture postcards verifying the station using only 750 watts. He included a nice three page letter with pictures of the station, background about the station and his biography. Nice reply.

Voice of America via Pinheira verified direct with a full data IBB Sao Tome Transmitting Station card with brief cover letter from v/s Charles L. Lewis, Transmitting Station Manager. This was from a tip by Jerry Berg but the reply took close to 4.5 years. Patience is important while seeking QSLs. My letter was discovered among some papers while he was cleaning out his office preparing for retirement in North Carolina. Finally, Sana'a Radio in Yemen verified an electronic follow up report with an electronic reply encouraging further reports. Apparently, Yemen is one of those countries where e-mail is essential to get any sort of verification.

73, Rich



On the Short Waves by Jerry Berg

<www.ontheshortwaves.com> Update, April 28, 2007—Under “Articles, Research, etc.,” “Pot Pourri,” a pamphlet issued circa 1923 by “Westinghouse Repeating Station” KFKX, Hastings, Nebraska. KFKX was built in connection with the experimental use of shortwave (c. 3200 kc.) at KDKA to send KDKA’s broadcast band signal to the KFKX area, where it was rebroadcast on both the broadcast band and shortwave (2730 kc.), the latter intended for pick up by KGO in California. Although the pamphlet makes no mention of the Hotel Clarke in connection with the station, part of KFKX was once located there, as indicated on a postcard view of the hotel (which, judging from the cars, looks like it was issued around the same time as the pamphlet).

<www.ontheshortwaves.com> Update, May 4, 2007—Under “Articles, Research, etc.,” “Pot-pourri”: In the past we have posted some material about Radio SEAC in Ceylon. This time we have a copy of the January 1948 issue of the station’s “Forces’ Radio Times,” including the “BBC General Overseas Service” supplement. Check out the poem, “Radio Seduction,” on the last page.

<www.ontheshortwaves.com> Update, May 19, 2007—Under “Articles, Research, etc.,” “Pot Pourri,” Jim Cumbie of Dallas, Texas has sent in some interesting items about U.S. shortwave stations. They are in three collections: (1) WRUL-WYFR, consisting of two 1956 WRUL schedules and a brief history of WRUL’s successor, WYFR; (2) KGEI, a Spanish-language brochure (with English translation) about the famous station, a brief KGEI history taken from the April-May 1985 of FEBC Broadcaster, and a KGEI QSL from 1955; and (3) Dixon, a history of the former VOA station in California. Thanks, Jim.

<www.ontheshortwaves.com> Update, May 23, 2007—Under “Articles, Research, etc.,” “Recordings,” an actual POW message read over what was then known as Radio Tokyo. It was recorded on January 5, 1945 by one B. O. South of San Francisco, California, who must have made POW recordings regularly, as the envelope in which the recording was mailed contains the machine-printed message, “Postmaster: Contents--Recorded Voice from Prisoner of War in Japan. Please HAND CANCEL.” As shown on the envelope, the home made, cardboard-style record apparently traveled from Wilmington, North Carolina (home of the family of the POW, Milton G. White), to Fort Bliss, Texas, to Camp Claiborne, Louisiana. The back of the envelope also contains a Columbus, Ohio postmark. The recording was professionally restored and transferred to CD by CVC Productions <www.lp2cd.com> in Windermere, Florida, a firm that I have used before and that does a remarkable job of “bringing back” old recordings (I couldn’t even get the stylus to stay in the groove when I put this on my own record player). The POW message was read by a studio announcer, which was the standard practice back then. Reception left something to be desired, but most of the message is understandable. I have transcribed it so you can follow along.—And a “P.S.” on last week’s material: For more on the Dixon relay station, see Merrill Stevenson, “The Mystery of the Dixon Voice of America Relay Station,” *Monitoring Times*, June 2007, p. 16.



Two DXers in Search of The Perfect Antenna

In Search of the Perfect Antenna—well, almost the perfect one. Maybe suburban south Tulsa is not the best place for DXing. There is a fog of noise pollution and power lines are everywhere. And acres of TVs, computers, and other electric gizmos generate buzzes and crackles at a deafening level. Don't even think the word "Beverage." Space is at a premium and noise is at a maximum. But no one is more resourceful (read: obsessed) than a determined DXer. My first Tulsa antenna was an Eavesdropper mounted in the attic. To this day it remains a superb performer. Every listening session begins with the Eavesdropper. But I figured that if an Eavesdropper inside was good, one outside would be better. Besides, everyone knows that real antennas belong outside. So I put up a second Eavesdropper, stringing it between two trees in the backyard. I think I forgot to say that there are power lines right behind our house—lines that would run parallel with the Eavesdropper. The outdoor antenna was a real magnet. It attracted every electron of static and noise for thousands of miles around. Facing failure, I took it down and chalked the whole thing up to experience.

But I just couldn't shake the idea that having an outdoor antenna would make all those exotic pirate and P/NG stations leap out of my radio speaker. Then along came an article in *MONITORING TIMES* by Bob Grove. He had developed something he called a Flex-Tenna—really an end-fed Zep. It was both cheap and easy to build. So I got some speaker wire and cobbled together a home-brew version. Considering my previous experience I didn't hold out much hope for this thing. And its location seemed even less promising—alongside the house and up against a wall—all serious "no-no's" in the antenna world. To my astonishment it worked, and

continues to work sometimes better than the attic Eavesdropper. No explanations, but the darn thing does the job, often giving better and less noisy signals—especially on 60 and 90 meters. Grove Electronics sells a ready-made version but Bob says he's glad if anyone wants to make one from scratch.

Now I had two antennas. If two, why not more? Knowing that space was limited and the noise potential unlimited, I looked at the RF Systems GMDSS-2 vertical. This is the four foot version of the seven foot MTA-1 or GMDSS-1 antenna. The *Passport to World Band Radio* review of the seven foot version was encouraging. I also got some sound advice on vertical antennas from my friend Dave Zantow. The Flex-Tenna was cheap; the GMDSS-2 is not. I knew that my neighbors would not be too keen on the seven foot version; perhaps they might overlook the four foot one! As for the cost—I discovered once again that whining a lot can do wonders in freeing up extra hobby money. So I decided to take the plunge. The *PWBR* review says that the vertical is "built like a tank." It would have to be considering that Tulsa is right in the center of Tornado Alley. While the vertical was making its way here from Universal Radio, I went to Lowes to buy a ten-foot section of galvanized pipe, brackets, and screws. The idea was to mount the vertical on the pipe mast and then screw the whole thing into the wooden privacy fence as far away from the house and the power lines as possible. Putting this thing up amused my wife and fascinated our cat. Photos are available but I'm not sure they are newsworthy! I'm still learning about what the vertical can and cannot do. It does seem a bit more resistant to locally generated noise than the wire antennas. As with the larger version, the GMDSS-2 seems to function best in the 9–15 MHz range.

For some reason I continued to believe that having a long wire might still be possible. I was deep into antenna envy at this point. As I surveyed the realities—power lines, trees, a shallow back yard, and not much distance between our house and the neighbors—a plan slowly emerged. I called it a plan; my wife had another name for it! I could have a 100 foot long wire in the shape of a horizontal “L”. One leg could run alongside the house and the other one parallel to those darn power lines. I’m not at all sure why I thought this would work but I figured that it was worth a try. If Mark Taylor’s long wire could be in the shape of a “Z,” why couldn’t I shift the alphabet just a bit and have an “L”? So out came the ladder, the wire, and the insulators. And just like the outdoor Eavesdropper, it was a noise magnet. Then I

was saved by Dave and Mark. Both of them told me I needed an appropriate matching balun and the right kind of lead-in wire. They were exactly right. The long wire now performs reasonably well and the noise levels are usually within the acceptable range. Now I’ve got four antennas to play with. Of course the perfect antenna continues to elude me but the search has been both fun and informative. Dave and Mark have generously offered advice and encouragement. Have I found the perfect antenna? No. Have I learned something? Yes. Are all those pirates and P/NGS pouring out of my speakers? Fat chance, but stay tuned.

Jim Ronda

Tulsa, OK

The Search for The Perfect Antenna—a signal magnet, and noise rejecter

Many years ago, a friend who started in dxing and ended up as a Ham gave me an Eavesdropper, which he couldn’t use for transmitting. In various configurations and locations, it has served me for many years. Like Jim, it is still erected on the roof of our house and “antenna 1” on the switch.

In 2003 I posted a rambling question on the Free Radio Network (FRN) pirate radio web site, asking for advice on receiving antennas—and advice I got! Everything from Wullenweber antenna (taking up many acres) to the 22 foot Radio Shack wind up antenna. Distilled from that posting were several nuggets of wisdom:

- make a “real” ground
- pay attention to what other people use
- get some cheap wire and try different things

After taking a solemn oath not to exceed three antennas at one time, I began to try different things.

A “real” ground

Grounding... that takes me back. My first radio effort in 1968 was to erect a 25 foot aluminum wire antenna in my back yard with my friend Paul. Knowing nothing about shortwave except that it existed, we did this in the middle of the afternoon, in the middle of the summer. After running the wire out we set to connecting it to my father’s ancient Tropicmaster shortwave radio. Of course, we didn’t know about grounding or that if this radio wasn’t grounded, the steel cabinet was live. We fired up the rig, and I started to tune... the next thing I knew, I was on my butt. We learned what the “G” screw on the back and a stake in the ground was for. Once grounded, the cabinet could be safely touched. Despite doing all that wrong, we still heard HCJB, Voice of America, and Radio Moscow. The world of shortwave opened up to us.

My ground then was a 3’ piece of copper pipe driven into the ground outside the shack window. (Better than the center screw of the outlet, but not that great.) First, was to improve the ground. A 10 foot piece of

copper pipe from the corner of the workshop was cut into two 5 foot sections. Next, they were driven into the ground and connected to each other. Initially everything ran from it's own wire out the window, to the ground. As the antenna system has gotten more complex, and I homebrewed an antenna distribution system, the connection between the shack and ground has become more elaborate. Now I connect everything to a central ground plate inside the shack, and run a single line to the ground. That quieted things quite a bit.

Pay attention to what others use

For a long time, I had been stuck on the idea that a long wire antenna had to be straight. There is not enough room on my property for a straight long wire in any useful direction. At a DXers get together with Gerry Dexter, during the show and tell, he showed us his U shaped long wire antenna. Gerry certainly does champion DXing. That inspired me to re-look at a long wire. Once looking around at our chimneys and trees, a Z shape popped out. That whole run came out to 110 feet. Erected and run through a balun, that antenna is usually the best performer... currently.

Get some cheap wire and try things

Not all experiments work...

One year, my wife got a card that had a character on the front who said... "Sometimes you learn the most from the hardest things that happen to you" and inside... "What a stupid system."

One night, I was struggling to hear a pirate when the reports on the loggings on the FRN web site were indicating good reception—one report from less than 100 miles from me. I had just erected an EWE antenna, primarily for Tropical Band stations in South America, and was pleased with it. However, EWES are quite directional and

it was pointed a different direction from the "direction of interest" for most pirate stations. So I erected a temporary version next to the house. It was a dud. The 22 foot roll up antenna did better. S5 signals on the Eavesdropper were S1 on that EWE. I went through the entire antenna, piece by piece—no luck. Two years later, it occurred to me that the wire element was parallel to all the house noise and was great at picking up the noise broadside. Duh! Then, her new power wheelchair charger wrecked the South America EWE, which was erected with the front element next to my daughter's room. Just plugged in, it generated so much RF that the EWE was a sound magnet. This is the opposite of the perfect antenna. It had to come down. Lesson learned: Don't erect EWES with any element next to the noisy house.

Others experiments do...

After Jim Ronda's success with the FlexTenna™, I was inspired to home brew a couple. One for the living room to replace the wind up antenna for casual listening on the Sangean, and one to mess around with in the yard. The inside antenna improved reception tremendously. So far (a month), the yard version is performing well, both on a fence (3 feet off the ground) then between two trees (about 10 feet up). When the snow melts, there is this place on the roof...

Mark Taylor

Madison, WI

markokpik@tds.net

The boring reference section:

EWE antenna: Michael Schnitzer, The EWE in the Garden. <http://www.dxing.info/equipment/ewe.dx>

Grove FlexTenna: Bob Grove. Build the FlexTenna for Wideband Reception. Monitoring Times, March, 2006. PP 66-67.

Radio landscape in Laos

Lecture at EDXC Conference in St. Petersburg
20 October 2006 by Anker Petersen

Country and people

Laos is the less developed country of the four I visited in South East Asia in November 2005.



Map of Laos

Its size is about the same as the United Kingdom or $\frac{3}{4}$ of that of Vietnam. It also has a panhandle shape with a total length of about 1300 kilometres. There are impassable mountains in the north, but flat lowland along the Mekong River and in the south.



Ferry on Mekong River. We had to pass the Mekong river twice near Pakse with this ferry.

The population is only 5.3 million, so the country is not over-crowded like Thailand and Vietnam. The official language is Lao which is related to the Thai language. But

like Vietnam, Laos is a multi-ethnic nation with 60 ethnic groups and many minority languages. H'Mong is the best known of these.



Typical for Laos and Cambodia is that most houses are built on stilts. This serves several purposes:

1. To counter the annual flooding.
2. To keep snakes and other animals away from the living rooms.
3. To get the household animals a place to stay during rain showers and at night.
4. To store various items.

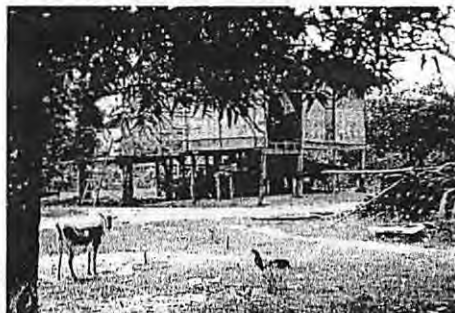
Centrally located on the border to Thailand is the capital. It is called Vientiane in French and Viangchan in Lao.

Like Vietnam and Cambodia, Laos was a part of French Indo-china from 1893 till 1954, but got autonomy in 1949. It was a Kingdom from 1954 until 1975.

But in 1949 the communist resistance movement Pathet Lao was founded. It means "The Laotian Nation" and was supported by North Vietnam. The Government was supported by the U.S.A. Another resistance movement was called Lao Is-sara which was based upon neutrality with other countries.

These three groups did fight a severe civil war at the same time as the Vietnam war.

When Saigon fell in 1975, Pathet Lao took over the Government of Laos. In 1975 it became the Peoples Democratic Republic of Lao with a communist government supported by Vietnam.



In eastern Laos we visited an isolated village called Muang Phin. People there lived their own life as they have done for centuries. Household animals literally live with the families and walk freely around except for the cows.

The hard-working Vietnamese harvest rice 3 times each year which include some for export. But the Laotians take life more easy. Two rice harvests per year are enough to feed their own people, so they just make two harvests each year.

I also noticed their more relaxed attitude at our hotel in Savan-nakhet. For my breakfast I ordered 2 fried eggs.

The restaurant was not particularly busy, but it lasted 30 minutes until I got them, even after a reminder! But fortunately they entertained me during the waiting time, by playing on a TV-screen a film in Russian showing former Russian President Boris Yeltsin visiting Mongolia....

Broadcasting history

The Government controlled radio station opened in 1952.

It was first called Radio Lao, but since 1954 it has been named Radio Nationale Lao with headquarters in Vientiane. Since then, it

has established transmitters in 7 cities on MW and 8 cities on SW.

The SW frequencies were mostly outside the ordinary broad-cast bands between 4200 and 7500 kHz. Later on, FM transmitters were established in 8 cities, but they are not able to cover the entire country.

Even though the village of Muang Phin was very primitive, it had electricity and a big satellite receiving antenna, so that all houses have the possibility to watch national TV by cable.

Like in Vietnam, it is not permitted to do private broadcasting. But during the civil war, the two biggest resistance movements had their illegal SW transmitters. They were called La Voix de Pathet Lao and Radio of the Patriotic Neutralist Forces in Laos.

Present status

On my tour throughout SE Asia, I heard without problems Radio Nationale Lao from Vientiane with its domestic program on 6130 kHz and its external service on 7145 kHz.

But only one regional station was active on SW and that was Xam Nua in the north eastern part of the country broadcasting on 4678 kHz.

I was only able to hear one of the nine MW stations and that was Khantabouly which was heard with a strong signal in Hué, Vietnam.

The biggest cities have FM and TV transmitters, but many houses were without any outdoor antennas in contrary to Vietnam.

Being in Laos itself, I only had a chance to check the bands at local midnight in the city of Savannakhet along the Mekong River on the border to Thailand. At that hour all radiostations in Laos had signed off and I was only able to catch a few FM-stations from Thailand. Thus the radio landscape in Laos is indeed very quiet!

Domestic Broadcasting Survey Review

Domestic Broadcasting Survey
9th Edition, May 2007
Edited by Anker Petersen
ISSN 1399-8218

Reviewed by Richard A. D'Angelo

Finding useful, current, accurate DX references in the electronic world isn't as easy as it should be. There are numerous providers of radio broadcasting information in the marketplace today, many of them offered for free, but a lot of them are not of a high quality. The latest *Domestic Broadcasting Survey 9* (DBS-9), once again edited by Denmark's world-renowned DXer Anker Petersen, is one resource that does not disappoint. Published in May by the Danish Shortwave Club International (DSWCI), the DBS continues to be the top annual publication devoted to tropical and domestic band shortwave broadcasting stations. The DSWCI offers the DBS in electronic form (PDF format), which provides for a substantial reduction in price over a paper version thereby increasing its value and speed of delivery. Either way you will be receiving and using an important DX resource produced by an international array of top shelf DXers that will prove its worth to you time after time.

As in past years, a copy of the press release can be found on the DSWCI website at www.dswci.org. By clicking on the *Domestic Band Survey*, you will see the color front page of "El Condor Pasa" played at the archaeological market in Raqchi, Cusco, Peru taken by Anker during his Latin America tour and sample listings from this year's DBS along with reviews from last year's edition. Anker's cover photos for the DBS continue to provide the local flavor associated with a domestic listening market.

The DSWCI turned fifty years old this year. It has a worldwide membership of experienced shortwave listeners scattered in about 35 different countries all over the globe. Anker draws upon the knowledge and skills of the DSWCI's international array of top-flight DXers to produce a unique

and extremely valuable hobby resource. In addition to the club's extensive monitoring activity, the new survey is also based upon many official sources and DX bulletins with A07 schedules included when available. Over the years, the DSWCI has published some of the best non-commercial hobby references available to the shortwave listener. The electronic DBS-9 continues this grand tradition. It is an essential reference for serious shortwave listeners and DXers.

This is the ninth year that the DSWCI has incorporated its invaluable tropical band survey into a broader survey that includes all domestic shortwave broadcasting. The old *Tropical Band Survey* (TBS) portion of this publication, which has been tops in the field of shortwave broadcast lists for many years, is in its 35th year. Because most of its members devote most of their DXing time to domestic broadcasting stations on the tropical and international shortwave bands, many years ago the DSWCI decided to expand the traditional tropical band survey to include stations broadcasting to a domestic audience. Consequently, the DSWCI now publishes a superb, comprehensive reference of domestic shortwave broadcasting. The DBS-9 covers all active stations broadcasting to a domestic audience between the frequencies of 2,300 kHz to 30,000 kHz. Part 1 is the 35th edition of *Tropical Band Survey* covering all active broadcasting stations in the 2,300 to 5,700 kHz range. Part 2 covers the domestic stations on the international bands above 5,700 kHz broadcasting to a national radio audience. Part 3 continues to include active clandestine broadcasting stations with schedules and identifications that enhance the value of the DBS-9 to the serious shortwave radio monitor. Part 4 contains deleted frequencies between 2 and 30 MHz, which have not been reported heard during the last five years, but may reappear.

A valuable, unique feature of the DBS-9 is the right hand column called Last Log. This column shows the last month and year prior to the April 30th deadline when a particular

station was reported logged by a DXer somewhere in the world. This gives the listener a reasonable indication of the audibility of the shortwave broadcasting station. As part of the updating process, most frequencies that have not been heard in the last year have been deleted from the list and moved to a section at the end of the survey, Part 4 as discussed above, for stations deleted since July 2002. This updating procedure makes the DBS current and very user friendly. My own personal monitoring and checking confirms that the 2007 edition of the Domestic Broadcasting Survey continues the tradition of providing very accurate and extremely useful information for the DXer. Consequently, it makes an extremely valuable addition to the references and published resources hobbyists maintain in pursuit of elusive DX station catches.

To assure reliability, each of the 1,050 station frequencies has been confirmed on the air by the club's extensive collection of worldwide monitoring experts since the last publication through the April 30th closing date. Stations confirmed as being active is marked with an "A" (regular), or "B" (irregular), or "C" (sporadic) in the list. A "D" means the stations is likely inactive. This simple coding system provides valuable information when tuning the bands while trying to get a handle on rare, exotic DX catches. As a result of monitoring, most of the frequencies already have been confirmed as being active in 2007.

Two year's ago the *Tropical Bands Monitor* (TBM) feature was added as a monthly updater to the DBS. Its introduction provided a readily available electronic update of broadcasting stations below 5,700 kHz; it has been a big success. This website based feature, which is updated each month, helps to keep the DBS-9 current. I download the latest version each month, it is usually available 3 or 4 days after the close of the previous month, and use it as a ready guide to what is being heard around the world on the domestic frequencies. This service alone is worth more than the price of the DBS itself. I can't over emphasize the value the TBM adds to the DBS. Together they form

an indispensable package of DX reference sources. DSWCI members also receive periodic updates issued in the *Shortwave News* bulletin published by the club and through its electronic *DX Window*. These extra services keep the domestic band survey accurate and up-to-date. Details about becoming a DSWCI member are available at the club website. The electronic, PDF format, membership option substantially reduces the cost of being a member by reducing the printing and postage costs.

The *Domestic Broadcasting Survey* and *Tropical Band Monitor* are a high quality shortwave broadcast DX resources made available at a very reasonable price. The combination of high quality and low prices make the DBS and TBM unbeatable in today's global resource reference marketplace. If you listen to domestic broadcasters, the DBS-9, and the monthly updates through the TBM, is a "must have" while tuning the bands. This is the first resource I pack when attending French Creek DXpeditions. I can't imagine DXing the shortwave bands without a copy of the *Domestic Band Survey* and the latest update of the *Tropical Band Monitor* at my side.

How easy is the *Domestic Broadcasting Survey* to use? Simple, the DBS-9 is very straightforward and easy to use. The first column provides the reception code, A, B, or C as previously described. The second column lists the frequency. The third column provides the station transmitter output. The fourth column designates the broadcasting country utilizing the International Telecommunications Union (ITU) country code abbreviations. For those not familiar with these abbreviations, a complete list of ITU country codes is given on page 3 of the DBS. The fifth column provides the station name and/or call letters and location. The next column provides transmission times and other useful information about the station such as operating schedules during Ramadan for Middle East and Indonesian stations. Other useful features for easy station identification are the parallel frequencies and station ID sentences. The final column is the Last Log feature previously described. Also, the survey includes a listing of Indonesian

provinces and special districts, which is extremely useful for DXers with an interest in that part of shortwave broadcasting world. As the sunspot numbers slowly move up, I expect to be tuning more Indonesian stations during our upcoming DX season. See the sample extracts from the DBS at the end of this review.

The 40-page A-4 size Domestic Broadcasting Survey is available in electronic form in PDF format of about 500 kb. The electronic DBS-9 is available via e-mail for only US\$7.00, €5, or 5 International Reply Coupons (IRCs). The limited print edition is available for only US\$12.00, €10, or 10 IRCS. The DBS-9 can be ordered direct from the club treasurer at the following address:

DSWCI
c/o Bent Nielsen
Egekrogen 14
DK-3500 Vaerloese
Denmark

The 2007 edition of the *Domestic Broadcasting Survey* continues the excellent tradition of being a very useful and reliable DXing resource that should be in the shack of every active shortwave radio monitor. I use the DBS on a regular basis while tuning the bands. I can't imagine DXing without this at my side especially while on DXpeditions. While some enjoy operating a computer while tuning the bands, I print out a hardcopy to use thereby eliminating an electronic device from the shack while listening. During French Creek DXpeditions, my copy of the *Domestic Broadcasting Survey* is in constant use! The PDF format DBS is incredibly inexpensive and extremely useful. The monthly update to the *Tropical Band Monitor* keeps things current. At only US\$7.00, the electronic *Domestic Broadcasting Survey* continues to be the "best buy" of any hobby resource on the market today. You must have the new DBS, which is an outstanding piece of DX hobby research. This "must have" for any DX shack is highly recommended so order a copy to enhance your DXing sessions.

Samples from Domestic Broadcasting Survey 9:

C	4750	1	UGA	Dunamis R, Kampala	1500-1700 E, 1700-1900 Vn, rlg. Later on 9 hours daily	APR07
A	4754,9	10	B	R Imaculada Conceição, Campo Grande, Mato Grosso do Sul	(Oct-Feb) 24 h P rlg, d -4755,4; n 4755, ex R Educação Rural	APR07
A	4755	0,5	PRU	R Huanta 2000, Huanta, Ayacucho	0900-1325v 2200-0200v S/Quechoa, alt. Fq's: 4746,9(ID) and 4751,8	APR07
C	4755,2	0,5	FSM	Pacific Missionary Aviation (PMA), Pohnpei	r tests 0730-1400* E	MAR07
A	4760	8,5	IND	AIR Port Blair, Brookshabad, Andaman & Nicobar Islands	Southern Sca: 2355-0300 1030-1700(SS -1730) E/Hindi/ Sanskrit/ Nicobarese/ Telegu/ Bengali/Tamil/Malayalam, E nx 2335(local) 0035 1230 1530, Hindi ID:"Yeh Akhasvani Port Blair-he". 0125-0130 Sanskrit, 1030-1100 Nicobarese, 1100-1130 Telegu, 1130-1200 Tamil, 1200-1230 Bengali. (= 7115)	FEB07
B	4760	10	IND	R Kashmir, Leh, Ladakh, Jammu and Kashmir	(Apr-Oct 0130) 0212-0400/0415 1200-1700 (Sa-1730) E/Hindi/Urdu/ Laddakhi/ Kashmiri. Hindi ID: "Akhasvani Leh", "Radio Kashmir". E nx 0245, (= 6000). Part of AIR Network.	FEB07
D	4760	1	LBR	ELWA, Monrovia	0600-0800 1800-2300 (Su -2230) E/Vn rlg	MAY06
B	4760	50	SWZ	TWR, Mpangela Ranch	FS: Nov-Mar: 1600-1700 P/Tshwa/Shangauu/Ndau	FEB07
B	4763,1	-	BOL	R Chicha, Tocla, Nor-Chichas, Potosi	1015v-1700 2100-2400 S/Aymara, S ID: "Radio Chicha, eco de bolivianidad", "Radio Chicha, desde Tocla, en el departamento de Potosi, transmitiendo en 4760 kilociclos, onda corta y 100,5 MHz FM"JAN07	

[Editor's Note: Next, two items on Indian radio listening habits posted recently by Sakthi Vei of the Ardic DX Club of India on the DXLD e-mail list. Listening habits in India may be a harbinger for the fate of continued shortwave radio use in Indian domestic broadcasting.]

Indian radio listenership has grown considerably during weekends

Radio has generally been touted as a weekday medium, with listeners tuning in to their radio sets only while driving to and from work, or occasionally even during work. Weekends have been believed to be completely dominated by the television medium.

However, if the recently released listenership patterns from the Indian Listenership Track (ILT) Wave 3 2006 are anything to go by, radio listenership has grown considerably during weekends. The statistics reveal that listenership has increased by close to three per cent during weekends, as compared to weekdays, in Mumbai and Kolkata. In the meantime, the figures have registered a negligible drop of 0.5 per cent in Delhi in weekends.

When exchange4media spoke to the radio players on their view on weekend listenership, most agreed that that is the slot where content differentiation is coming in.

Abraham Thomas, COO, Red FM, said, "There is a noticeable change in the profile of listeners who call in and SMS their messages. This has prompted us to look at weekend programming more actively." Red FM claims to be the first station to recognise this growth in weekend listenership trend and lay out an incredibly exciting fare that caters to weekend listeners.

Kaushik Ghosh, Senior Vice President-Marketing, Entertainment Network (India) Ltd (Radio Mirchi), observed that the number of listeners differs from city-to-city. In some cities, there is an increase in listenership on weekends than weekdays, whereas in some others, listenership on weekdays is more than the weekends. He however added that Mirchi has its differentiation for weekends. The station considers Saturday as a weekday and hence, has the same format as rest of the weeks, while Sunday has a relaxed format with large segments of uninterrupted music.

However, Rana Barua, National Head-Marketing, Radio City, was quick to point out that contrary to other media, the weekend on radio begins on Saturday night. "Industry research indicates that there is a nominal increase of two to three per cent between weekend and weekday radio listenership," he added.

Radio City intends to take forward its daily dose of fun with its travel shows and English music countdowns. In general, all the stations have tried to slot their weekend programming with a mix of comedy shows and countdown charts.

Agreeing with Barua, Vishnu Athreya, Vice President-Programming and Brand, Radio One, believes that there is some kind of trend of home listenership growing. He pointed out that there is a considerable listenership on Sunday mornings. "Nevertheless, the weekend growth rate is high, but the number of listeners is still lower than weekdays," he remarked.

Throwing more light on their respective programming tailored specifically for weekends, the players shared information on their shows and approaches taken by them. Radio One has a special line-up of shows targeted at the weekend audience that is generally more fun-filled and relaxed than the other shows, which includes its talk show with prominent political leaders talking about the other side of their lives.

These programming differentiations from the players have clearly illustrated the segmentation between weekends and weekdays, and that in the growing FM phase, which is welcoming a new generation of listeners, weekends are becoming as important as weekdays, if not more.

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Source: http://www.exchange4media.com/e4m/Radio/RadioNews.asp?section_id=7&news_id=26176&tag=20909&pic=4

Urban homes tuning in to satellite radio in India

FM is making waves, holding complete sway over the populace in this part of the world. It is also hailed as the prime driver behind the resurgence of the deemed to be extinct medium called radio.

But far from the limelight that FM hogs, a new variant of the radio medium is quietly creeping into households across the State. And it promises to change the way people experienced radio.

The demand for satellite radio is rising, thanks to its efficiency and features it offers. What makes it so special is its noise and disturbance-free digital sound along with the bouquet of channels and programs.

"It creates an environment that the listener cannot resist. It caters to every kind of taste and preference. And it does not intermix genres of music, which can be very jarring to the listener," says Ishan Amit of Time "N" Sound, the authorized dealer of WorldSpace here.

In fact, WorldSpace is the only player in the satellite radio sector in India and has notched more than 1.70 lakh subscribers across the country in the last couple of years. In Orissa too, the off-take has been encouraging.

According to estimates, sale of WorldSpace antennas and boom boxes in the State would be over 150 units a month.

"We alone sell over 50 units a month. The

demand for satellite radio has picked up only recently and the offtake would increase with rise in penetration," Amit adds.

WorldSpace offers over 40 premium channels covering music, news, spiritualism and sports. And the music ones cover specific genres like Western classical, jazz, pop, rock, Indian regional, Hindi films and Indian classical without anyone infringing on the other.

Satellite radio like WorldSpace is a subscription-based service and not advertisement-based terrestrial radio. Thus, it is without commercials, which are irksome breaks in both radio and television mediums. Further, it has no geographical barriers as the signals are directly beamed to the homes through a satellite via reception antennas.

According to Amit, the spread of satellite radio is now concentrated in the urban areas, particularly in the upper and middle class homes. The main deterrent has been the pricing of the boom boxes and antenna which is Rs 2,599 at present and a monthly subscription fee of Rs 150.

"Though, we have sold some to people from the rural areas, the penetration has still fallen behind. However, with rapidly declining prices of electronic goods, we expect an increase in demand across a cross-section of the State," he says.

Source: <http://www.newindpress.com/NewsItems.asp?ID=IEQ20070522040721&Page=Q&Title=ORISSA&Topic=0>

[Editor's Note: At one time, international broadcasting and shortwave radio were almost completely synonymous terms. Today, there are multiple platforms which carry international broadcasting. In addition, there are many cross-border agreements between international broadcasting resulting in joint efforts covering programming, distribution and other cooperative efforts. The Association for International Broadcasting has become the premier industry group promoting international broadcasting in all its forms. To illustrate, the new length and breadth of this media, here's the most recent briefing distributed by AIB.]

AIB Industry Briefing

Management, strategy, programming—4 May 2007 Welcome to the latest news briefing from the AIB—the industry association for international broadcasting and electronic media.

In this issue:

- Poland takes aim at Belarus
- Woman journalist honored
- Free-to-air satellite TV heralds new era in UK
- New head for US international broadcasting board
- Who's who in global media
- BBC active in Asia
- AIB recommends
- NTV returns to the air in Uganda

Check out the regularly updated news pages of the AIB website, at www.aib.org.uk, where you'll find much more information on the global media business. We also research and publish extensive news about media technology and our electronic news letters will alternate between programming and strategy news—such as this edition—and technology and deals.

More than 17,000 people in international media receive this regular briefing from the AIB.

The AIB supports the campaign to free Alan Johnston, kidnapped in Gaza in March.

Belarus will receive TV programming from Poland later this year. TVP, Poland's public service broadcaster, and the Polish government have signed an agreement that will bring TV Belarus to the air in Q4 2007—a

year after the station should have launched. The Polish government is reported to be putting around 4m Euros into the project which will be on the air for around 15 hours a day. Details of transmission are not known yet; Poland borders Belarus, as does Latvia, Lithuania, Russia and the Ukraine. Belarus President Alexander Lukashenko has described the project as "silly, absurd and unfriendly". It has been reported that a crackdown on the private ownership of satellite dishes is underway in the country.

Belarus already is the recipient of international radio programs aimed at promoting democracy and civil society in the country. The European Commission funds a daily radio program, prepared in Germany by a consortium led by Media Consulta.

Al Arabiya news channel announced the launch of the Atwar Bahjat Award, an annually awarded prize to recognize outstanding achievements by female journalists. The inaugural award was presented by MBC Chairman, Sheikh Waleed Al Ibrahim bin Ibrahim to Samia Nakhoul, Middle East Bureau manager at Reuters during this year's Arab Broadcast Forum in Abu Dhabi, UAE. "The award comes as a symbolic gesture to the living memory of Atwar Bahjat (right), who sadly made the ultimate sacrifice while covering her beat in Iraq," said Sheikh Waleed. "I hope this award will help recognize and stimulate the efforts of female journalists all over the world, especially those covering the region's hotspots.

"Al Arabiya—committed to bringing its audience closer to the truth—paid a heavy toll covering the situation in Iraq," added Sheikh Waleed. "11 staff were killed and several offices targeted several times by suicide bombing attempts, but this didn't deter journalists like Bahjat, determined that people needed and indeed, deserved a credible, fact-based reportage." Award winner Samia Nakhoul was among several

female Arab and international journalists nominated by different independent organizations and press unions. She was unanimously selected to receive the award.

Free-to-air satellite television has received a boost in the UK following the announcement of the long-awaited Freesat proposition. A joint venture between the BBC and UK commercial broadcaster ITV, Freesat will enable viewers across the UK to access the country's main TV channels in digital quality without the need to subscribe to a pay platform. It's the same principle as Freeview, the digital terrestrial TV service that has had tremendous success in Britain with more than ten million boxes sold, according to the company (also a joint venture involving the BBC, BSkyB and National Grid Wireless). The new platform will permit HD to be transmitted by all channels, unlike DTT where spectrum is highly restricted. At present, Britain's other commercial channels—Channel 4 and five—are not part of the consortium. Both channels have contracts with BSkyB for encrypted services on the Sky Digital platform which are believed to expire in 2008 at around the time that Freesat will launch. Meanwhile in Poland, ASTRA has said that it plans a similar Freesat operation.

US international broadcasting is to have a new head. President Bush has nominated James Glassman, a journalist, to the post of chairman of the Broadcasting Board of Governors. The nomination has to be confirmed by the US Senate and if all goes according to plan, Glassman will complete the remaining part of a three-year term left by Kenneth Tomlinson who has asked not to be nominated for a further term. Glassman is the first Editor-in-Chief of *The American*, a magazine of ideas focusing on business, economics, and public affairs and is also a scholar at the American Enterprise Institute for Public Policy Research. For more than a decade he wrote an investment column for the *Washington Post*. In 2000, he founded the online opinion journal, *7csDaily.com* which concentrates on high tech and public policy. He is believed at present to be working on a book on the effects of the boom in global wealth.

The BBC is striking out in Asian markets with a video material distribution deal for China's CCTV and the launch of two new channels in India. These deals have been put together by the BBC's commercial arm, BBC Worldwide, which is charged with developing the BBC's assets internationally on a commercial basis to feed funds back to the publicly-funded operation in Britain. Under the Chinese deal, video material from CCTV—mostly HD—will be made available through the BBC Motion Gallery. In addition to CCTV, BBC Motion Gallery also represents CBS News, NHK and ABC.

On 2 May, BBC Entertainment and CBeebies were launched in India on the Tata-Sky DTH platform. CBeebies is a pre-school channel with programming in English and Hindi—with identical programs to those seen on the UK domestic CBeebies channel. BBC Entertainment is an adult-focused channel with drama such as *Spooks*, *Doctor Who* and *Hotel Babylon*—all successful series in Britain and sold internationally to other broadcasters. The channels are on the air for 12 hours every day; CBeebies is available on channel 607. When checked on 4 May, the Tata-Sky website did not have any reference to the new BBC channels. The availability of the BBC channels may well help Tata-Sky to increase its sales figures which lack behind rival DTH platform Dish. Dish has more than two million subscribers, whereas newcomer Tata-Sky is believed to have less than half that number.

Uganda's NTV is back on the air. We reported last month that the station, owned by Kenya's Nation Media Group, had been forced off the air for what was described by the Uganda Communications Commission as the station's failure to meet technical standards. The station went on the air on 30 April, three months after it had been shut down. We'll be running a detailed story about the NTV saga in the next edition of *The Channel*, the AIB's quarterly magazine.

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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=1397>

Uncertain of the organizational chart

On the morning of April 19th, television sets throughout Washington were tuned to the appearance of Attorney General Alberto Gonzales before the Senate Judiciary Committee. In the offices of the Voice of America and International Broadcasting Bureau, however, television monitors were switched to a different channel. The Subcommittee on State, Foreign Operations, and Related Programs of the U.S. House Committee on Appropriations was holding its hearing on public diplomacy and international broadcasting.

This was an important event in our building, because the budget for U.S. international broadcasting is in limbo, as Congress could not agree on a final budget for fiscal 2007. And the President's proposed budget for international broadcasting still includes cuts and reductions, such as the elimination of VOA Thai, VOA and RFA Cantonese, fewer hours for VOA and RFA Tibetan, and, perhaps most notably, the elimination of VOA's worldwide English service.

The sole witness was Karen Hughes, under secretary of state for public diplomacy. Even though Hughes is not really responsible for international broadcasting—she is just one of nine members of the Broadcasting Board of Governors—most of the questions she received from the subcommittee members were about international broadcasting.

Betty McCollum (D-MN) was especially outspoken in her criticism of the proposed budget. McCollum's talking points seemed to be guided by the VOA broadcasters' union (American Federation of Government Employees local 1812).

McCollum called on Hughes to help make open

the minutes of the BBG, whose meetings have always been closed. She also criticized the reductions to VOA's shortwave output and the planned elimination of worldwide English. "If you turn off a transmitter, and then do a survey into a country on how many people are listening to VOA, it's going to go down, because they can't listen to Voice of America.... Shortwave radio cannot be blocked, cannot be jammed, in the same the other technologies can be blocked and jammed."

Hughes responded that the cuts were necessary "to increase broadcasting to strategically important places like North Korea, Iran, Somalia, Cuba." She cited the BBG's "extensive research and evaluation" and said that shortwave is "frankly becoming an outmoded technology. More and more radio listeners are getting their radio from FM and AM."

Two members of the committee, Joe Knollenberg (R-MI) and Steven Rothman (D-NJ), grilled Hughes about an incident involving Alhurra, the BBG's 24-hour Arabic television channel. The controversy was first publicized in a March 2007 op-ed piece in the *Wall Street Journal*, which accused Alhurra of rebroadcasting most of a speech by Hezbollah leader Sheikh Hasan Nasrallah.

This precipitated a discussion about the whole purpose of international broadcasting. Mr. Rothman said "the marketplace has plenty of news stations. And the American people are not in the business of offering people who want to spout propaganda against the United States an opportunity to do so on our dime, on our station.... We should be spending one hundred percent of our time talking about our perspective on the world events of the day."

Hughes' response straddled both the public diplomacy and international functions: "I want out taxpayers funds to be used in a way that promotes America, and promotes America and our values. I also want to make sure that our broadcasting is credible."

And thus U.S. international broadcasting is pulled impossibly in two different directions.

Revisionist web journalism

Dan Robinson's VOA report about the subcommittee hearing is thorough and definitely worth reading (and listening to). However, the version you access now at voanews.com is not the same as that broadcast on April 19th and originally posted on the website.

The original version, picked up by BBC Monitoring and available at Glenn Hauser's DX Listening Digest 7048, includes this paragraph later excised: "She [McCullum] also urged that all radio and television stations under the board's responsibility be formally brought under the charter of VOA. The charter states that the long-term interests of the U.S. are served by communicating directly to the world by radio."

This passage was removed apparently because the "general principles" in the legislation (mostly from the 1990s) governing all U.S. international broadcasting include the same language as the VOA Charter. But how many decision makers, from Congress down through the executive suites of the broadcasting entities, are aware of this?

Sure could use Kavala right now

Karen Hughes mentioned Somalia as one of the new priority targets. And she said people are now listening to FM and AM, rather than shortwave. HornAfrica is a Mogadishu FM station that served as a rebroadcasting outlet for the VOA Somali service. But, on April 23, the Committee to Protect Journalists reported that HornAfrik went off the air when mortar shells destroyed its studios.

Plan B would be shortwave: and one of the best sites to reach Somalia would have been the IBB relay at Kavala, Greece. Alas, the BBC closed the Kavala relay in 2006, as part of its shifting priorities.

A Career in U.S. int'l broadcasting?

If you've thought of pursuing a job in U.S. international broadcasting, prospects are

rather dim right now. If you look good on television, and can speak Urdu, Dari, Pashto, or Farsi, you might get hired. Otherwise, the aforementioned budget cuts are limiting opportunities.

Another reason you might want to look elsewhere is a recent survey of federal bureaucrats about their job satisfaction. The Broadcasting Board of Governors ranked 30th out of 31 small federal agencies. (The Federal Mediation and Conciliation Service ranked first.)

Reasons for dissatisfaction among U.S. international broadcasting have not yet been properly analyzed. It might have something to do with the fact that broadcasters, constantly under the pressure of deadlines, running to their studios to get on the air on time, face uncertainty about their mission, and the real possibility of a RIF (reduction in force) notice.

An inconvenient truth about CFLs

With recent attention on reducing energy consumption and carbon emissions, compact fluorescent light bulbs (CFLs) are all the rage. In some places, incandescent bulbs are being banned in favor of CFLs.

A recent *Times of London* article about CFL interference to the "telly" and to shortwave reminded me of Joe Buch's warning a few years ago, in these pages, about these types of bulbs.

I went to the local hardware store and bought a GE 15-watt CFL, equivalent to a 60 watt incandescent. Came home, screwed it in, turned it on, and was pleased to notice no interference in the higher shortwave bands, except just as it was turned on. In the tropical bands, some noise could be heard every 40 kHz or so, though it subsided as the radio was moved away from the bulb.

Just another thing for shortwave listeners to worry about.

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



Listener's Notebook

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ALBANIA Additional transmissions and frequency changes of *Radio Tirana*:

0145-0200 English NF 6120 Tu-Su, ex 6115# // 7425
1300-1330 English 13750 Mo-Sa, new addition
1730-1800 French 7430 Mo-Sa, new addition
1730-1800 Italian 6125 Mo-Sa, new addition
2000-2030 English 13720 Mo-Sa, new addition // 7465
2300-0030 Albanian NF 9410, ex 9460 // 7425
(DX Mix—Bulgaria)

AUSTRALIA Effective May 31, Australian-based *CVC-International* cancelled all of its transmissions from the leased facilities in Germany. This represents a major reduction in coverage, following the recent deletion of the relay from Meyerton, South Africa. From Jun 01, CVC relays are scheduled, with the primary target zone being the Indian sub-continent:

Via Tashkent:

0100-0300 11790
0100-0400 9975
0400-1100 13630
1400-2000 6260
1800-2100 13820

Via Yerevan:

0400-0700 15515
1300-1600 15615

The remaining CVC broadcasts will continue to be transmitted from the Darwin, Australia, facility. (Padula/EDXP, May 21/DSWCI DX-Window/Petersen—Denmark)

BELGIUM (non) Some TDP stations changes:

Ethiopian People's Patriotic Front (EPPF):

1600-1700 Amharic 15260 SAM Th, new program

Radio Sao:

1600-1700 Hausa 13770 UNID RUS/CISorTDF
We/Sa, cancelled

Radio Democracy Shorayee:

1700-1800 Persian 12120 UNID RUS/CISorTDF
Tu/Th/Fr/Su, cancelled

Voice of Meselna Delina:

1700-1730 Tigrinya NF 11765 ARM Mo-Fr, ex 11830

(DX Mix—Bulgaria)

BHUTAN At the recent All India Radio DRM workshop at New Delhi for the Asian Broadcasting Union, I spoke at length to Mr. Thinley Dorji, Station Engineer, *Bhutan Broadcasting Services*. He said that the modulation part of the new 100 kW Thompson transmitter (donated by Government of India) was broken during transit, replacement has arrived and the new transmitter is supposed to be on air by end of this month (May 2007). The old transmitter will be used as stand by. (Gupta—India, May 13/DSWCI DX-Window/Petersen—Denmark)

6035 *Bhutan Broadcasting Service*, Thimpu, *0005v-0045 fading quickly out in Denmark from 0025, May 17, 18, 19 and 20, Buddhist monks chanting, ann in presumed Dzongkha, Bhutanese string music and songs, conversation. Still audible in New Delhi at 0200. In Sri Lanka it is the strongest station on 49mb. Also heard at 1300-1500*, May 18 and 22 with English until 1500, giving e-mail and postal address. A short mp3 clip is on: <http://www.ratzer.at/audio.php>, see also "Blue Mauritius:" http://www.ratzer.at/DSL_Bhutan.php (Barraclough, Goonetilleke, Gupta, Petersen, Rajeesh, Ratzer and Savolainen/ DSWCI DX-Window/Petersen—Denmark)

BOLIVIA 4958.1v *Radiodifusora Tropicó*, Trinidad, Depto. Beni, 1755 and 2236-2246, Apr 17 and 21, Spanish, talks and messages, ex 6037v. (Aragio via DXLD and Goncalves DSWCI DX-Window/Petersen—Denmark)

5905 *Radio Virgen de Remedios*, Tupiza, radiovirgenteremedios@hotmail.com sent me on May 04 the following e-mail: "Saludos! Estimado colega, confirme por favor en que frecuencia nos capto en el mes de Enero 2007. Le informamos que transmitimos desde hace 4 semanas en la frecuencia 5.905 khz—49 m.: son transmisiones de prueba con 500 w y antena dipolo abierto de media onda. Horario 9:00 a 16:00. Director General Padre Casimiro—Kazimierz Strzepek (En la radioaficion SP5XB—Polonia - CP4XB—Bolivia). Esperamos su pronta respuesta." So they seem to have been using 5905 since Easter at 1300-2000 UTC with 500 watts. (Fransson). Late-ly heard on 3215 and 4545. (Ed/DSWCI DX-Window/Petersen—Denmark)

CANADA (non) Frequency change for *RCI*:

1800-1900 English NF 17810 SKN, ex 13730 // 9530, 11765, 15325

(DX Mix—Bulgaria)

CHINA—TIBET *PBS-Lhasa*, Chinese Service is extended until 1800 UT (ex

1730). Now sked:

Chinese 2000-1800 UT (not Tue 0600-1000)
0200-0857 Chinese 4820 5935 6050 11860
11950
0858-1800 Chinese 4820 5935 6050 7170 7240
2000-0157 Chinese 4820 5935 6050 7170 7240

(including CNR-1 relay 2230-2300, 0030-0100, 1030-1100)

Tibetan 2100-1805 UT (not Tue 0600-1000) no change.

0200-0930 Tibetan 4905 4920 5240 6110 6130
6200 9490 9580
0930-1000 Tibetan 4905 4920 5240 6110 6130
6200 7385 9490
1000-1805 Tibetan 4905 4920 5240 6110 6130
6200 7125 7385
2100-0200 Tibetan 4905 4920 5240 6110 6130
6200 7125 7385

(incl. CNR-8 relay 2300-2357, 0400-0457, 1300-1357)

"Holy Tibet" in English at 0700-0730 and 1630-1700.

(S. Hasegawa, NDXC, May 25, DX LISTENING DIGEST)

So the frequencies for Holy Tibet are:

0700-0730: 9580 9490 6200 6130 6110 5240 4920
4905 [exc Tue]
1630-1700: 7385 7125 6200 6130 6110 5240 4920
4905 [both exc Sun??]

(Glenn Hauser, DX LISTENING DIGEST)

CLANDESTINE—AFRICA 9525 *Cotton Tree News (CTN)*, via Ascension, new daily broadcast at 0730-0800 to Sierra Leone in English, Krio, Limba, Mende and Temne, following broadcasts from Star Radio at 0700-0730 to Liberia. Address: Fourah Bay College, Mount Aureol, P O Box 766, Freetown.

E-mail: abennett@hirondele.org www.hirondele.org (WRTH A-07 Update)

Heard 0730-0800*, May 10, 12 and 13, news in English and African languages; "This news comes to you from CTN, Freetown;" (Churchill, Herkimer and Howard).

Per a friendly e-mail from George Bennett, CTN has a website: www.cottontreenews.org He indicates that they will shortly be launching a two-hour daily program, but only on FM. He attached a picture of a large sign for "Fourah Bay College—Mass Communications Building—Radio Mount Aureol -107.3 FM—Cotton Tree News." (Howard, May 14/DSWCI DX-Window/Petersen—Denmark)

CROATIA The Croatian transmitter operator OIV confirmed that the 100kW SW transmitter in its transmitting center at Deanovec is now transmitting *Glas Hrvatske* instead of HR1. The schedule is 1200-0800 on 6165 and 0800-1200 on 9830. (Trutenau in DXplorer, Apr 20 DSWCI DX-Window/Petersen—Denmark)

CYPRUS—TURKISH NORTHERN *Radio Bayrak* 6150.05v Ciao, after I read Anker Petersen's report about 2 and 3 May I tried to listen to Radio Bayrak too. The channel was free, no University Network or others at this time 0130-0240 but old pop songs no stop and some IDs "...Radio Bayrak." No "International" heard.

6150.05v, 4 may 0130-0240 *Radio Bayrak*, Cyprus, old pop songs, few IDs "...Radio Bayrak." No "International" heard in the ID. Fading, low voice modulation, fair signal. The channel was free. (Giampiero Bernardini, Milano, Italy/DX Listening Digest/Hauser-OK)

ERITREA 7090 *Voice of the Broad Masses of Eritrea*, Asmara, 0355-0410, May 13, Horn of Africa music, 0400 Tigrinya talk (news?) on new frequency ex 7100. (Petersen). Also heard May 09 closing down at 1800* with National Anthem sung by cheerful choir. 7175 heard -1800* with same anthem. (Savolainen in DXLD/DSWCI DX-Window/Petersen—Denmark)

FRANCE Summer A-07 of RFI in Hausa:

0600-0630 9805 ISS 11995 ISS
0700-0730 11830 ISS 15315 ISS
1600-1700 15315 ISS

(DX Mix—Bulgaria)

FRANCE (non) New time & frequency of *Radio Taiwan International*:

1900-2000 French 11755 ISS
2100-2200 French 9485 ISS, cancelled

(DX Mix—Bulgaria)

GERMANY April 30 marked *Deutsche Welle's* final day of broadcasting via the Nauen site close to Berlin, operated by Deutsche Telekom. Instead the Deutsche Welle is using numerous relay facilities around the world closer to their target areas. (DSWCI DX-Window/Petersen—Denmark)

Deutsche Welle A07 Summer Schedule:

0000-0100	English	7245T 13730Kr 15595Ko
0000-0200	German	6075Si 6075W 9430R 9505R 9545Ki 9640Ki 12095T
0100-0130	Bengali	9895T 15345Kr
0100-0200	Russian	6115R 9685T 11660V 11865T 15275P
0130-0200	Hindi	9895T 15345Kr
0200-0230	Urdu	9895T 15345Kr

R=Rampisham
Si=Sines
Sk=Skelton
T=Trincomalee
V=Vladivostok
W=Woofferton

(Deutsche Welle, May 3rd, via Mike Bethge, WWDXC, Germany)

Deutsche Welle in DRM mode via Woofferton:

0600-0800 6130
0800-1000 7275
1000-1300 NF 9460, ex 9780
1300-1600 9780, cancelled

Deutsche Welle in DRM mode via Moosbrunn:

0700-0900 9620
0900-1000 NF 7275, ex 9620
1000-1300 9620, cancelled
1300-1500 NF 9495, ex 9620
1500-1600 NF 9700, ex 9620

(DX Mix—Bulgaria)

Some DTK-T Systems changes:

Bible Christian Association:

1530-1600 Bulgarian/Turk. 6140 JUL Su,
cancelled

Adventist World Radio:

2030-2100 Chinese NF 9565 JUL, ex 9610

IBC Tamil Radio:

0000-0100 Tamil NF 7115 WER, ex 7225

Brother Stair:

0800-0900 English 11700 WER Sa/Su >>>
cancelled

Voice of Democratic Eritrea:

1700-1800 Tigrinya/Eng. NF 15315 JUL, ex 13630

WYFR Family Radio in Romanian from May 3:

1800-1900 Romanian NF 11730 JUL, ex 7220

WYFR Family Radio additional transmissions:

1600-1700 English 13630 WER 15650 WER
15705 WER
1600-1700 Arabic 13620 WER
1700-1800 Arabic 11875 WER
1700-1800 English 13630 WER
1800-1900 Arabic 11600 WER 11855 WER
1800-1900 Amharic 13830 WER
1800-1900 English 13630 WER 13730 WER
1900-2000 Arabic 7180 WER 9495 WER
1900-2000 French 11610 WER 13780 WER
1900-2200 English 9610 WER
2000-2100 French 9595 WER, ex 5975
2000-2100 Arabic 9735 WER 11610 WER
2100-2200 Arabic 5915 WER 11610 WER
2100-2200 French 9720 WER
2200-2300 Arabic 7115 WER

2200-2300 French 9720 WER

2200-2300 English 9620 WER

(DX Mix—Bulgaria)

GHANA GBC/Radio Ghana off 4915—A friend in Ghana has confirmed that the GBC is definitely not on shortwave at present. (Chris Greenway, UK, May 7, /DX Listening Digest/Hauser-OK)

HONDURAS 5010.0 **Radio Misiones Int.**, Comayagüela (p), 0155-0315 fade out, Apr 26 and 27, mostly non-stop hymns, Spanish (religious?) talk. Not heard reported since June 2003! (Petersen—Denmark/DSWCI DX-Window)

INDONESIA 3987.05 **RRI Manokwari(p)**, 1205-1320, May 16, 20 and 23, RRI Jakarta news 1200 and 1300 // 4789.97 and 4749.96, 1218 local programs of talk and occasional music, 1259 Song of the Coconut Islands. It has been off the air for several months. (Wilkins in DXplorer/DSWCI DX-Window/Petersen—Denmark)

IRAN Updated A-07 for *The Voice of Islamic Republic of Iran (VOIROI/IRIB)*:

0030-0127 Bengali 5950 7135
0030-0227 Spanish 9655 9905
0100-0227 Tajik 6175 7285
0130-0227 English 7235 9495 "Voice of Justice"
0130-0227 Kazakh 7270 9795
0130-0227 Urdu 7105 9480 9845
0230-0257 Hindi 15165 17635
0230-0257 Uzbek 9740 11945
0230-0327 Spanish 9905
0230-0327 Pashto 7130 9605
0230-0427 Arabic 7375 9685
0300-0327 Armenian 7255 12025
0300-0327 Russian 9650 11925
0300-0627 Dari 11910 13740
0330-0427 Swahili 15265 15340
0330-0427 Arabic 9610 11875 "Voice of Islamic Palestinian Revolution"
0330-0427 Kurdish 7255 Sorrani dialect
0330-0527 Azeri 13710
0430-0457 Hebrew 9610 11875
0430-0527 Arabic 13790 13800
0430-0557 Turkish 11685 13640
0500-0527 Russian 9855 13750 17595 17655
0530-0627 Spanish 15530 17785
0530-0627 Bosnian 13750 15235
0530-1427 Arabic 13790 13800 15150
0600-0657 Hausa 17810 17870
0630-0727 Italian 11515 13770 15085
0630-0727 French 13710 15430
0630-0727 Albanian 13810 15235
0730-0827 Pashto 11990 15440
0730-0827 German 15085 15430
0830-0927 Swahili 15240 17660
0830-0927 Bengali 11705

0830-1427	Dari	9940 13720
0930-0957	Armenian	9695 15260
1030-1127	English	15600 17660
1200-1227	Hebrew	13685 15260
1200-1257	Chinese	13735 15190 17535 17635
1230-1327	Malay	15200 17555
1230-1327	Pashto	6175 9790 11730
1300-1327	Japanese	13755 15555
1300-1357	Kazakh	11665 13765
1330-1427	Kurdish	5990 Sorrani dialect
1330-1427	Urdu	6000 9665 11695
1430-1457	Dari	9940
1430-1527	Pashto	3945
1430-1527	Bengali	6130 9520 12090
1430-1527	Russian	7165 9300 9580 9900
1430-1527	Hindi	11720 13805
1430-1627	Kurdish	5990 Kirmanji dialect
1430-1627	Arabic	15150
1430-1657	Azeri	6200
1500-1557	Uzbek	5945 9680
1530-1627	English	7370 9635
1530-1727	Urdu	3945
1600-1727	Tajik	5945 5955
1600-1727	Turkish	7165 9870
1630-0227	Arabic	6025
1630-1727	Armenian	7230 9780
1630-1727	Pashto	6000 7195
1700-1757	Russian	3985 7175
1730-1757	Urdu	6175 7220
1730-1827	German	6255 9940 15085
1730-1827	Bosnian	7295 9860
1730-1827	Swahili	7275 9655
1800-1857	Russian	6205 7235
1830-1927	Hausa	7170 9925
1830-1927	French	6255 9940 13755 15085
1830-1927	Albanian	9545 9570
1930-1957	Italian	5910 7380
1930-2027	English	6205 6255 7205 9800 9925
1930-2027	Russian	3985 7175
2030-2127	Spanish	6255 7300 9800
2030-2127	Albanian	9535 11830
2100-2127	Japanese	9670 11990
2130-2227	Bosnian	7305 9810
2230-2327	Malay	5945 7310
2330-0027	Chinese	11820 11975 13715

(DX Mix—Bulgaria)

LIBYA Summer A-07 of *LJB Voice of Africa* via SAB—Sabratha:

1200-1400	Swahili	17600 17725
1400-1600	English	17725 17870
1600-1800	French	11835 15660
1800-2000	Hausa	9590 11835

(DX Mix—Bulgaria)

LITHUANIA Summer A-07 relay via Sitkunai:

0000-0100	11690	<i>Radio Vilnius</i> Lithuanian/ English
0630-0727	11515	<i>VOIROI/IRIB</i> Italian

0800-0900	9710	<i>Radio. Vilnius</i> Lithuanian/ English
1430-1527	NF	<i>VOIROI/IRIB</i> Russian, ex 9300u 9280
1730-1827	6255	<i>VOIROI/IRIB</i> German
1830-1927	6255	<i>VOIROI/IRIB</i> French
1930-2027	6255	<i>VOIROI/IRIB</i> English
2030-2127	6255	<i>VOIROI/IRIB</i> Spanish
2200-2300	6255	<i>KBC Radio Mx Sat</i>
2300-2400	9875	<i>Radio Vilnius</i> Lithuanian/ English

(DX Mix—Bulgaria)

NEW ZEALAND *Radio New Zealand International*, latest schedule:

0500-0658	9615
0700-1058	6095
1059-1258	9870
1300-1550	6095
1551-1850	7145
1850-2050	11725
2051-2358	15720
2359-0458	13730

DRM Service

0500-0658	11675
0659-1158	7145
1200-1300	7145
1400-1430	9770 Rampisham Sa
1551-1850	6095
1851-2050	11675
2051-2358	13730
2359-0458	15720

NORWAY Updated schedule for *BBC* in DRM mode:

0400-0700	7440 KVI
1800-2000	7420 KVI
2000-2200	5875 KVI

(DX Mix—Bulgaria)

PAPUA NEW GUINEA *Wantok Radio Light*, the religious broadcaster in Port Moresby, came under fire in 2006 for operating on 7120, a frequency in the shared 40 mb Amateur Band for Region 3 (Australia, Asia, Pacific). Accordingly, it will move to 7325 on June 03. (Padula/EDXP, May 22/DSWCI DX-Window/Petersen—Denmark)

PERU 4655.2 *Radio Centinela del Norte*, Distrito de Cortegana, Provincia de Celendin, Departamento de Cajamarca, 0005-0200*, May 20, new station heard with promotions for the coming patronal festival honouring San Antonio de Padua. ID: "...en el extranjero que estan escuchando esta senal en 4655 de Radio Centinela del Norte, desde Cortegana para todo el territorio nacional peruano; Cortegana tierra en el norte de nuestro querido pais..." ann to be // 90.7 Mhz, "...arriba Peru, arriba Cortegana con Centinela del Norte...." During 2000 and 2001 three stations used this frequency on shift: Radio Celendin, Ecos del Eden and Radio Nuevo Amanecer, all from the province of Celendin using the same trans-

mitter equipment. In 2005 the late DX-er Bjorn Malm in Quito heard an UNID signal on 4654.96. (Rodriguez-Colombia/DSWCI DX-Window/Petersen—Denmark)

4990.91 *Radio Ancash*, Huaraz, 1027-1038, May 10, steady and rapid Spanish comments by W, advs. (Bolland, via DXplorer/DSWCI DX-Window/Petersen—Denmark)

PHILIPPINES Frequency changes of *Radio Veritas Asia*:

0000-0027 Sinhala NF 12005 PUG, ex 11710
 0030-0057 Hindi NF 12005 PUG, ex 11710
 0030-0057 Bengali NF 9895 PUG, ex 11965

(DX Mix—Bulgaria)

ROMANIA Summer A-07 schedule of *Radio Romania International*:

0000-0056 Romanian 9525 11960
 0000-0056 English 9775 11790
 0100-0156 French 6130 9515
 0100-0156 Romanian 9525 11960
 0200-0256 Spanish 5975 9520 9645 11945
 0300-0356 English 6150 9645 11895 15220
 0400-0426 Chinese 15215 17770
 0430-0456 Russian 7190 9555
 0500-0526 French 7180 9655
 0530-0556 English 9655 11830 15435 17770
 0600-0626 German 7125 9740
 0630-0656 Arabic 9685 9700 11730 11790
 0700-0756 Romanian 9700 11970 15260 17775
 "Curierul romanesc" Su
 0800-0856 Romanian 11875 15450 15510
 17795 "Curierul romanesc" Su
 0900-0956 Romanian 11830 11925 15250
 15380 "Curierul romanesc" Su
 1000-1056 French 11830 15250 15380
 17785
 1100-1156 German 9515 11775
 1200-1256 Romanian 7165* 11920 15195
 1200-1256 English 11875 15220
 1300-1326 Chinese 15435 17740
 1330-1356 Russian 9790 11855
 1400-1426 Italian 7170*
 1400-1456 Romanian 9760 11965
 1400-1456 Arabic 11775 15160
 1430-1456 Aromanian 7170*
 1500-1526 Ukrainian 7210*
 1500-1556 Russian 7235 9760
 1530-1556 Serbian 6175*
 1600-1626 Italian 9620*
 1600-1656 French 9680 11950
 1600-1656 Romanian 7210 9690
 1630-1656 Aromanian 7135*
 1700-1726 Ukrainian 7165*
 1700-1756 Romanian 9625 11865
 1700-1756 English 9535 11735
 1730-1756 Serbian 6130*
 1800-1826 Italian 7130*

1800-1856 German 7160 9775
 1800-1856 Romanian 9625 11765
 1830-1856 Aromanian 7130*
 1900-1926 Ukrainian 5975 7210*
 1900-1956 Spanish 11715 15435
 1930-1956 Serbian 6110* 7215
 2000-2026 French 7215 9655
 2030-2056 English 9515 11810 11940 15465
 2100-2156 Spanish 9755 11965
 2200-2256 English 7185 9675 9790 11940
 2300-2356 Spanish 9655 9745 11880 11935

* Saftitza 50 kW

(DX Mix—Bulgaria)

RUSSIA (non) Frequency change for *WYFR* in English via TRW (TV Radio Waves):

2000-2200 English NF 7430 KCH, ex 7360

(DX Mix—Bulgaria)

SOMALIA 6949.96 *Radio Bay* (t), 1850-1900*, non-stop local music and singing, local language announcements with tent. ID 1858 followed by Kor'an reading until sign-off, a very weak signal on 30 Apr. (Vashek Korinek, RSA, DXplorer May 2 via BC-DX May 5/DX Listening Digest/Hauser-OK)

TURKEY Some changes for *Voice of Turkey*:

0400-0655 Turkish 6040 EMR 11980 EMR, additions

0900-1255 Turkish NF 17645 EMR

1700-1755 Russian NF 9840 EMR, ex 9675

(DX Mix—Bulgaria)

UGANDA 4750 *Dunamis Shortwave*, Kampala, 1733-1902*, Apr 23, the Christian 1 kW station has finally started. Noted here after CNR station had closed down. Their schedule at the moment is 1500-1900. (Savolainen in DXLD). Tentatively heard 1820-1900*, Apr 25 with very weak signal, heard best in USB. Mostly orchestral music, but 1857 talk in UNID language sounding like preaching. (Petersen-DK/DSWCI DX-Window)

4750 *Dunamis Shortwave*, checked between 1500 and 1900, Apr 28-30 -no trace of a signal here in spite of this station having been logged in Europe recently. All I could get was a weak signal of Radio Peace in Sudan. I find it a bit puzzling that a new station would want to start broadcasting on exactly the same frequency and time as one basically next door, especially with the band being half empty. (Korinek-RSA in DXplorer/DSWCI DX-Window/Petersen—Denmark)

UNITED KINGDOM (NON) Frequency changes for *BBC*:

1100-1300 English NF 9465 GUF, ex 9480 WS

1800-2000 Persian NF 5875 CYP, ex 13610

1900-2000 Russian NF 6195 CYP Sa, ex 5875

(DX Mix—Bulgaria)

Summer A-07 of VT Communications Relays

1600-1700 Toposa 9840 MSK Sa
1700-1800 Arabic 9590 DHA Mo-Fr

Radio Prague:

0000-0027 Spanish 11665 ASC
0330-0357 English 6080 SAC
1300-1327 German DRM 9850 RMP Fr/Sa
1330-1357 English DRM 9850 RMP Fr/Sa
2330-2357 Spanish 9685 SAC

China Radio International:

0000-0057 Spanish 9745 BON
1100-1157 Portuguese 9870 SGO
1200-1257 Chinese 17625 SGO
1300-1357 English 17625 SGO
1500-1757 English 6100 MEY
1800-1857 Chinese 6100 MEY
2100-2157 Portuguese 17615 SGO

Gospel for Asia:

0000-0130 SoEaAs langs 6145 DHA
1230-1500 SoEaAs langs 15215 DHA
1600-1630 SoEaAs langs 11695 DHA
2300-2400 SoEaAs langs 6040 DHA

Voice of Vietnam:

0100-0125 English 6175 SAC
0130-0225 Vietnamese 6175 SAC
0230-0255 English 6175 SAC
0300-0325 Spanish 6175 SAC
0330-0355 English 6175 SAC
0400-0425 Spanish 6175 SAC
0430-0525 Vietnamese 6175 SAC
1700-1725 English 9725 MOS
1730-1825 Vietnamese 9725 MOS
1830-1855 French 9725 MOS
1900-1925 Russian 9725 SKN
1930-2025 German 9430 SKN
2030-2125 Vietnamese 11840 SKN

Moj Them Radio:

0100-0130 Hmong 15260 TAI Tu/Th

Hmong Lao Radio:

0100-0200 Hmong 15260 TAI We/Fr

Adventist World Radio:

0100-0200 Vietnamese 15445 TAI Sa

Radio Solh/Radio Peace:

0200-0900 Dari/Pashto 11665 DHA
0900-1200 Dari/Pashto 11675 DHA
1200-1800 Dari/Pashto 17700 RMP

Sudan Radio Service:

0300-0330 English 5985 KIG Mo-Fr
0330-0400 Arabic 11805 DHA Mo-Fr
0400-0500 Arabic 11805 DHA 13720 DHA Mo-Fr
0500-0600 Arabic 13720 DHA 15325 DHA Mo-Fr
1500-1530 English 9840 MSK Sa/Su
1500-1700 Arabic 9840 MSK Mo-Fr
1530-1600 Arabic 9840 MSK Sa/Su

Leading The Way:

0330-0400 Persian/Eng. 9845 SKN Fr
0330-0400 Russian/Eng. 9845 SKN Su

WYFR:

0400-0500 German 3955 SKN
1230-1330 Bengali 15340 DHA
1400-1500 Hindi 15520 DHA
1400-1500 Nepali 9705 DHA
1500-1600 English 15520 DHA
1600-1700 English 11850 DHA
1600-1700 Portuguese 15445 ASC
1700-1800 English 21680 ASC
1700-1800 Arabic 13700 RMP
1800-1900 Arabic 13720 SKN
1800-1900 English 3955 SKN 9845 DHA
13780 RMP
17585 ASC
1900-1930 French 11970 DHA 17585 ASC
1900-2000 English 3230 MEY 9840 DHA
1900-2000 Arabic 15165 RMP
1900-2000 Swahili 5930 MEY
1930-2000 French 11970 DHA
2000-2100 English 3230 MEY 15195 ASC
2030-2130 French 11985 ASC
2100-2115 English 6045 MEY 15195 ASC
2115-2200 English 6045 MEY 11875 ASC
15195 ASC
2200-2315 English 11875 ASC

Radio Okapi:

0400-0600 Fr/Lingala 11690 MEY
1600-1700 Fr/Lingala 11890 MEY

RTA Radio Algeria:

0400-0600 Ar HolyQuran 7260 SKN 9540 SKN
1900-2000 Ar HolyQuran 9765 RMP 11810 WOF
2000-2100 Ar HolyQuran 9765 RMP 12025 WOF
2100-2300 Ar HolyQuran 7150 SKN 9710 WOF

BBC WS:

0400-0700 English DRM 7440 KVI
1800-2000 English DRM 7420 KVI
2000-2200 English DRM 5875 KVI

BBC Darfur Salam to Sudan:

0500-0530 Arabic 9735 MOS 12015 ARM
1700-1730 Arabic 15515 WOF 17585 ASC

Southern Sudan Interactive Radio Instruction:

0630-0700 English 15445 DHA Mo/We/Fr
1400-1430 English 15470 ARM Tu/Th/Sa

Radio Mustaqbal, all cancelled from June 21!!!

0600-0630 Somali 15455 DHA Mo-We/Sa
0710-0740 Somali 15455 DHA Mo-We/Sa

Star Radio to Liberia:

0700-0730 Engl./others 9525 ASC

Cotton Tree News to Sierra Leone:
0730-0800 Engl./others 9525 ASC

Radio Vlaanderen Internationaal:
0700-0757 Dutch 9590 SKN
1800-1857 Dutch 9590 SKN

KBS World Radio:
0700-0800 Korean 9870 SKN
1430-1500 English DRM 9770 RMP Fr
1800-1900 Russian 15360 RMP
1900-2000 Arabic 15365 RMP
2000-2100 German 3955 SKN
2000-2100 French 6145 SKN
2100-2130 English 3955 SKN

West Africa Democracy Radio:
0700-0800 English 17875 SKN
0800-1100 Fr/English/Fr 17875 SKN

Trans World Radio Africa:
0830-0915 French 11985 ASC
1300-1315 Afar 13745 KIG Fr/Sa
1730-1800 Tigrinya 9805 DHA Fr/Sa
1800-1845 Amharic 9895 DHA

UNMEE:
0900-1000 Engl./others 15135 DHA Su
1030-1130 Engl./others 15135 DHA Tu

CVC International:
1000-1100 English DRM 11815 MOS

Free North Korea Radio:
1000-1100 Korean 9490 TAI
1900-2000 Korean 9780 TAI
2030-2130 Korean 9785 TAI

Radio Japan NHK World:
1100-1200 English DRM 9760 RMP Fr

Eternal Good News:
1130-1145 English 15525 DHA Fr

Radio Taiwan International:
1200-1300 English DRM 9850 RMP Fr
1900-2000 French 6045 RMP
1900-2000 German 6185 SKN

Radio Sea Breeze/Shiokaze:
1300-1330 Korean/En/Ch 9485 TAI
2030-2100 Japanese 6045 YAM

Radio Free Chosun:
1330-1400 Korean 9485 TAI
2000-2030 Korean 9785 TAI

Radio New Zealand International:
1400-1430 English DRM 9770 RMP Sa

Open Radio for North Korea:
1400-1500 Korean 7390 TAC

Little Saigon Radio:
1500-1530 Vietnamese 7390 TAI

HCJB Global:
1600-1630 Russian 11740 RMP
2100-2145 Arabic 12025 RMP

United Nation Radio, all cancelled from June 21!!!
1700-1715 French 7170 MEY 11715 MEY Mo-Fr
1730-1745 English 7130 MEY 15495 WOF 17810
ASC Mo-Fr
1830-1845 Arabic 15105 SKN 17560 RMP Mo-Fr

Radio France International:
1700-1758 Persian 6010 DHA 9530 TAC

SW Radio Africa:
1700-1900 English 4880 MEY 11775 MSK 11810
ARM 12035 KVI

Eglise du Christ:
1800-1830 French 15325 SKN Th

Voice of Biafra International:
2100-2200 English 7380 MEY Sa

Radio Republica:
0000-0200 Spanish 6155 RMP
0200-0400 Spanish 6100 RMP
2200-2400 Spanish 6135 RMP
(DX MIX—Bulgaria)

Some VT Communications changes:

FEBA Radio:
0200-0215 Pashto NF 9725 DHA, ex 9855
0215-0245 Dari NF 9725 DHA, ex 9855
0245-0300 Hazaragi NF 9725 DHA, ex 9855
1500-1530 Bengali NF 7370 TAC, ex 7375
(DX Mix—Bulgaria)

UNITED STATES Frequency change for **WWCR #4:**
0400-1400 English NF 5890 WCR, ex 5765
(DX Mix—Bulgaria)

UNITED STATES (non) Frequency changes for
IBB from April 25:

Radio Liberty:
0300-0400 Tatar- NF 7185 LAM, ex 9855
Bashkir
0500-0600 Russian NF 11865 LAM, ex 11815
0500-0700 Russian NF 17560 UDO, ex 17730
0700-1100 Russian NF 11700 PHL, ex 11665
1400-1500 Russian NF 12080 BIB, ex 11625
1500-1600 Russian NF 11865 BIB, ex 9520
2000-2100 Russian NF 7285 PHL, ex 7220

Voice of America:
0100-0200 English 9600, cancelled
1030-1045 Turkish NF 21590 IRA Mo-Fr, ex
17740

1500-1530	Uzbek	NF 9885 TIN
1500-1530	Uzbek	NF 9705 UDO, ex 11780
1530-1630	Spec.	6040 11520 additional English frequencies
1530-1630	Persian	6040 11520 11780 cancelled
1800-1900	Russian	NF 11755 LAM, ex 7340
1930-2030	Persian	5860 9310 9725, new transmission

(DX Mix—Bulgaria)

URUGUAY 6055 *Radio Universo*, Castillos, Dept. de Rocha: Juan Branäs, owner of Radio Universo, Castillos, Dept. of Rocha has answered to my E-mail query regarding their SW status. He tells that he is finishing the transmitter site for its MW on 1480 kHz, moved from Castillos to 19 de Abril town. From here he will broadcast for all the Department with studios in Castillos and the city (capital of the Dept.) Rocha. He has taken the MW transmitter to 19 de Abril and set the one for SW on MW (!...). He adds that the SW transmitter will work also from 19 de Abril, he hopes in a couple of months.

They announce their radio as "Grupo de Emisoras Universo" and specifically their SW appears named on its website as "*Radio Universo Internacional*." Website: <http://www.universoam.com/> E-mail of station: am1480@adinet.com.uy E-mail of owner: grupouniverso@adinet.com.uy Look at their expected coverage map on SW: http://www.universoam.com/cobertura_oc.html (Nigro-URUGUAY, May 19 via DXplorer/DSWCI DX-Window/Petersen—Denmark)

ZIMBABWE "Voice of Zimbabwe," Gweru, was scheduled to take to the air at on "Africa Day," May 25, for two hours a day. (Pringle-Wood, Zimbabwe, DXLD). Frequency and sked still unknown. (Petersen-DK/DSWCI DX-Window)

At 1805 UT noted a station on 4828 with non-stop African music (fair signal). They continue programming past 1830 without announcements. At the same time 3396 is carrying another program. Maybe 4828 is a test from Zimbabwe. The jammer against SWRA on 4880 is also audible, so possibly 3 transmitters from Zimbabwe on the tropical bands at the same time. (Jari Savolainen, Finland, May 25, Hard Core DX) maybe not...

LAUNCH OF PROPAGANDA STATION POSTPONED INDEFINITELY By Our Correspondent

GWERU, May 25, 2007—The launch of government's much-heralded News 24, an ambitious all-day propaganda blitz on radio, which was scheduled for today in Gweru, has been postponed indefinitely. Sources at the Ministry of Information and Publicity confirmed to The Zimbabwe Times yesterday that the launch had been postponed but could not give the reasons why government had backed down at the last minute.

"The launch of the radio station which was expected to take place tomorrow has been cancelled," said a source who requested anonymity. The near-launch of News 24 was scheduled to coincide with Africa Day, May 25. The station, which was first mooted in 2000 by the then Minister of Information, Prof Jonathan Moyo, was meant to counter what the government describes as negative publicity from western-oriented broadcasting stations, such as the British Broadcasting Corporation (BBC), CNN, Voice of America's Studio 7 (VOA), Voice of the People (VOP) and SW Radio Africa, the last three being run by Zimbabweans and broadcasting specifically to Zimbabwe.

The source said the launch could have been postponed because of the technical problems currently being encountered by the Zimbabwe Broadcasting Corporation (ZBC). On Wednesday ZBC failed to broadcast a live morning news programme called Business Today, and had to make do with one news-reader two weeks ago after workers failed to turn up for work because of lack of bus fare. "ZBC is facing a lot of problems and the postponement of the launch tomorrow could have been influenced by the bad state of broadcasting infrastructure in the country," said the source.

The Minister of Information, Sikhanyiso Ndlovu, could not be reached for a comment as he was said to be attending a meeting until late yesterday. Happiness Muchechetere, a veteran of Zimbabwe's war of liberation and a former ZBC employee who was in charge of propaganda at New Ziana's documentary production arm, will head the new station.

Despite its ambitious name, News 24, was initially meant to broadcast, apparently to the whole world, for just two hours a day. Insiders say the station will gradually be developed into a 24-hour news station, in keeping with its name. ZBC Chief Executive Officer, Henry Muradzikwa, who is currently in China for orientation in international broadcasting at China's CCTV, said the new station was designed to counter the hostile propaganda of foreign-based radio stations by "providing factual information about the reality on the ground in Zimbabwe. "It will not be a propaganda station. It will present the truth. We hope it will also give Zimbabweans an opportunity to tell their own story. We plan to not only interview business people and other people in urban areas but to go out to rural areas and record what people there have to say," he said.

The government accuses SW Radio Africa and Voice of America's Studio 7 based in London and Washington respectively of broadcasting propaganda aimed at inciting Zimbabweans to rise against the government. The Broadcasting Authority of Zimbabwe (BAZ) has since its inception in 2001 failed to issue licenses to private broadcasters. This has resulted in the emergence of several stations run by exiled Zimbabweans such as the London-based SW


Radio Africa and Studio 7 beaming into Zimbabwe on short and medium wave from beyond the country's borders (Zimbabwe Times via DXLD)

Plans for the new service were first revealed in 2000, but previously-announced launch dates have not been met. Originally to have been called Studio 24/7, this was later changed to News24 and then to Voice of Zimbabwe. This latest name deliberately evokes broadcasts by a clandestine radio of the same name during the so-called Chimurenga (liberation war) fought against the Rhodesian authorities before independence in 1980.

In early April 2007 Information Minister Ndlovu said the new station would be on the air on the 18th of that month to mark the anniversary of Zimbabwe's independence. But that date also passed without a launch.

Voice of Zimbabwe will be run by Zimbabwe Broadcasting Holdings (ZBH), the state-owned umbrella that holds a monopoly on broadcasting within the country. ZBH—still widely referred to by its former name, the Zimbabwe Broadcasting Corporation (ZBC)—already operates four FM radio networks and one TV channel.

One of these networks, Radio Zimbabwe, is relayed on a single shortwave transmitter (currently 6045 kHz during the daytime and 3396 kHz at night). Despite the operation of these relays, Zimbabwean officials have stated on a number of occasions that the new Voice of Zimbabwe will be revitalizing the use of shortwave, implying that shortwave is not at present used by ZBH and that the station will be operating from new transmitters. (Source: BBC Monitoring research 25 May 07 via Media Network blog via DXLD)

UNIDENTIFIED 6215, Unknown clandestine station, *1200-1210*, May 21, opens with Korean popular song, followed by numerals ann only, all in Korean. 1210 closed with "kamsu hamnida" ("thank you" in Korean). Sometimes the same program is heard on this frequency (for example at 0700-0730). Communications between North Korea and Koreans in Japan?? (Takao Miyajima, Yokohama-city, Japan, DSWCI DX Window May 24 via DX Listening Digest/Hauser-OK) 

WORLD OF RADIO SHORTWAVE BROADCAST SCHEDULE EFFECTIVE MAY 25, 2007
Days and times here are strictly UT.

Note: some WBCQ times may be followed by an immediate repeat

Note: WRMI** times are extremely subject to change

Wed 2200 WBCQ 7415 [first airing of each edition]
Wed 2300 WBCQ 18910-CLSB or 17495-CLSB
Thu 1430 WRMI 7385
Thu 1500 KAIJ 9480
Fri 0630 WRMI 9955**
Fri 1030 KAIJ 5755
Fri 1100 WRMI 9955**
Fri 2030 WWCR1 15825
Sat 1630 WWCR3 12160 [irregular]
Sat 2130 WRMI 9955
Sun 0230 WWCR3 5070
Sun 0630 WWCR1 3215
Sun 0800 WRMI 9955
Sun 1500 WRMI 7385
Mon 0300 WBCQ 9330-CLSB
Mon 0415 WBCQ 7415 [time varies]
Mon 0530 WRMI 9955**
Mon 0930 WRMI 9955**
Tue 1030 WRMI 9955**
Wed 0730 WRMI 9955**

Complete schedules including AM, FM, satellite, webcasts, subcarrier, Mundo Radial, with hotlinks to station sites, audio:
<http://www.worldofradio.com/radioskd.html>

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

Internet on demand, mp3 and real: see Our Current Audio page:
<http://www.worldofradio.com/audiomid.html>

Pirate Radio Report

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

Hello and welcome to the **June 2007 Pirate Radio Report!** There are still Europirates to be heard here on the East Coast of North America. The Scottish pirate, **Weekend Music Radio** continues to be heard on a weekly basis Saturday afternoons-evenings on 6400 kHz after 2300 UTC. Also, the Dutch pirate, **Cupid Radio** was heard on 6310 kHz at the same time. Good pirate hunting!

Pirate Info on the Net

One of the best sources of real time information on pirate activity is the **Free Radio Network**, run by John Cruzan and administered by Pat Murphy. The web site is www.frn.net. Once you log on, go to the message board called "The Vines", then you can select either "The ACE Loggings" which gives you almost real time info on what is being heard or the more general discussion of pirate radio in "The Pirate Grapevine Short-wave" section. Visitors can read all posts, but if you want to add yours, you need to register. Pat Murphy will check you out and if you're not a troublemaker or an FCC agent, you'll be able to post once you are approved.

Logs

Thanks to the following fine folks for this week's logs. Brian Alexander-PA, Rich D'Angelo-PA, Bill Montney-MI, Jim Renfrew-NY, Mark Taylor-WI, Joe Wood-TN and George Zeller-OH.

Northwoods Radio, noted on 6925 USB mode from 2133-2155 on May 16th. Hard rock. Fair to good signal. Male ID by Jack Pine Savage. Made reference to friend and neighbor Bob Seger then played one of his tunes. Announced he would be back on the air the next AM EDT. Did not monitor to find out. [Montney-MI]

rcs-The Crystal Ship. Heard on 6875 AM mode from 0145-0210 UTC on May 7th. Hard rock, 0151 ID and commentary about "the capitalist system", hard rock, satirical sketch, rock; "You are tuned to The

Crystal Ship, the official voice of the blue states republic. Defender of truth, justice and freedom of the airwaves." [Taylor-WI] Also 0143 UTC on May 6th. Fair signal with rock music. [Renfrew-NY]

Undercover Radio was noted on 6926 kHz, from *0130-0144 on May 21st. IS and ID. IS as "Don't let them see us. Don't let them know what we are doing." ID as "This is Undercover Radio broadcasting from the middle of nowhere." Live audio by Dr. Benway with mentions of transmitting with 6 kW, and calls for reports at undercoverradio@mail.com, mentions of free T-shirts, and into a repeat of the July 4th show. Fair. [Wood-TN].

Voice of Laryngitis, noted on 6925.6 AM from 2309 past 2322 sign off on May 19th. Most of the show appeared to be an encore of the old "Pirate Busters" program, which was one of the best episodes of this classic pirate. Ad for Friendly Freddy's budget hospital and funerals, where death is even cheaper. Frequent barking seal IS during program. For some reason Kris Field got mentioned in the middle of the show, so some of the program content may have been built around this old show. Gave old and defunct Battle Creek, MI address for reports. Although not announced, Box 1, Belfast, NY 14711 now works. Weak level, but audible with some difficulty. [Zeller-OH] *Maybe they think Kris is an FCC "Field" agent, pun intended!*

Weekend Music Radio from Scotland was logged on 6400 from 0000-0010 on May 20th Acknowledged listeners' reports. ID. Pop music. Fair to good but some occasional utility QRM. [Alexander-PA]

Wolverine Radio logged on 6925 USB mode from 0250-0300 sign off on May 10th. Rolling Stones with "It's Only Rock and Roll" followed by ID repeated three times. Comedy bit about "Wolverines" followed by closing ID with an echo effect. Didn't hear an address for reports. Fair to good. [D'Angelo-PA]

Happy Pirate DX!



QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

ABU DHABI: Voice of America 11905 via Al-Dhabbaya "African Service" cd. in 7 wks. w/ program guide and stickers. (Barto-CT).

ASIATIC RUSSIA: Radio Vatican 9600 via Petro-pavlovsk-Kamchatskiy f/d "Palazzo Pio" cd. w/o site in 2½ mos. (Barto-CT).

BONAIRE: Radio Nederlands 17810, 15315 and 15525 f/d "Lights Dance in the Meadows" cd. w/ program schedule in 4 mos. (Barto-CT).

CANADA: Radio Canada International 15325

via Sackville f/d "Maple Leaf Mailbag" cd. in 6 wks. (Barto-CT). Radio Nederlands 17725 via Sackville f/d "Lights Dance in the Meadows" cd. in 4 mos. (Barto).

PEOPLE'S REPUBLIC OF

CHINA: China Radio International 13600 via Xian f/d "Snow Leopard"

cd. in 3 mos. w/ schedules and paper cuts. (Barto-CT). 9450 via Beijing same cd. in 2 mos. (Barto-CT).

ENGLAND: Deutsche Welle 5980 via Rampisham f/d "Nauen" cd. in 2 mos. w/ schedule and stickers. (Barto-CT).

EUROPEAN RUSSIA: Radio Vatican 6145 via Moscow f/d cd. w/o site in 2½ mos. Schedule was rcvd. (Barto-CT).

EURO PIRATE: Radio Odyssey (Greece) 6310 two f/d "Homer's Odyssey" cds.

* in 1 mo. for separate email rpts. w/ mp3 audio clips. Rpts. were sent to: odyssey.greece@yahoo.gr. The operator stated that I was their first rpt. from the USA! (Herkimer-NY)

GERMANY (West): Voice of America 13870 via Lampertheim f/d "African Service" cd. in 7 wks. w/ program

schedule and stickers. (Barto-CT). Pan American Broadcasting 9430 via Wertachtal ltr. from T-Systems in 3 mos. (Barto-CT). Brother Stair 13810 via Wertachtal ltr. in 3 mos. (Barto-CT). Deutsche Welle 9655 via Wertachtal f/d "Sines Transmitting Station" cd. in 9 wks. (Barto-CT). 6180 f/d "Nauen" cd. in 2 mos. (Barto-CT). Bible Voice Broadcasting 13580 via Wertachtal ltr. in 3 mos. w/ schedule (Barto-CT). 9775 ltr. in 4 mos. (Barto-CT). CBS Radio Taiwan International 5975 via Nauen (should be listed under GERMANY, EAST) ltr. in 3 mos. (Barto-CT). Radio Liberty 9650 via Wertachtal ltr. in 3 mos. from T-Systems. (Barto-CT).

GOA: All India Radio 12025 f/d cd. in 3 mos. (Barto-CT). f/d "Painting of Saint Francis Xavier, Old Goa" cd. in 2 mos. w/ AIR schedules. (Barto-CT).

GREECE: Olympia Radio / SVO f/d QSL sheet in 6 wks. v/s I. Flitouris, Manager. Addr: C/S Olympia Radio / SVO, 152 42 Agia Paraskevη, Athens, Greece. (Renfrew-NY). Station was carrying the programming from the Voice of Greece.

The Voice of Hope
for All Peoples

Adventist World Radio



SISTEMA RADIOFONICO H. B.
Roger Barahona y Hnos. S. A.

No. 1 EN COSTA RICA
GRACIAS A USTED.

730 K H Z
ONDA MEDIA

94.3 MGZ
F.M.

6006 KHZ
49 METROS

4832 KHZ
60 METROS

AWR
LATIN AMERICA



FEBA RADIO

via Barbour
wishes to thank you for your
recent Reception Report, and has
pleasure in confirming it with
this Acknowledgement Card.

We hope that you will continue to
enjoy listening to FEBA Radio.

QSL Secretary

Queen Dargah

FEBA RADIO, P.O. BOX 234, SEYCHELLES, INDIAN OCEAN.

DATE *31st May 2002*
TIME *0350-0558* UTC
FREQUENCY *11880* kHz
METRE-BAND mb

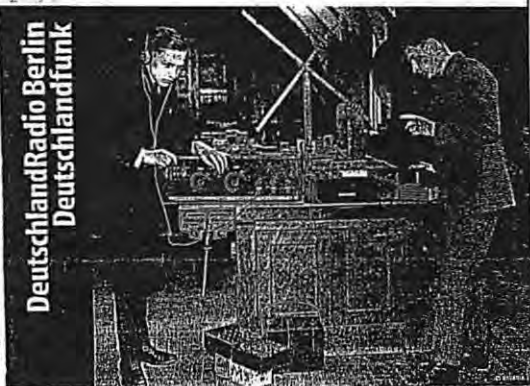
Voice of Greece 5865 via
Olympia Radio / SVO two
page f/d "Transmitter
Site" cd. in 10 ds.
(D'Angelo-PA).

HOLLAND: Radio Nederlands
15315 f/d cd. in 36 ds.
(Voorhees-NE).

INDIA: All India Radio 9875
via Bangalore f/d cd. in
2 mos. (Barto-CT). 9690
and 13710 f/d cd. in 2½
mos. (Barto-CT). 11620
and 9445 f/d "Main Altar,
Basilica of Bom Jesus,
Old Goa" cd. in 3 mos.
(Barto-CT). 11585 via

STATION NOTES: Radio Naylamp 4580 v/s J.J. Grandes Vargas, Gerente.
Radio Santa Ana 4965.8 v/s Nicolas Cordoba Orozco, Gerente General.
Radio Santa Monica 4965 v/s Walter S. Farfan Flower, Gerente General.
Radio Tawantinsuyo 6173.8 v/s Mrs. Claudia Montesinos, Secretaria.
Radio Victoria 6020 v/s Henrique Silvio Ramos, Administrador.
Addr: Avenida Arica 248,
Brena, Lima, Peru. FEBC
Radio International 15330
v/s Mrs. May Imperial,
QSL Secretary. Addr: FEBC
P.O. Box 1, Valenzuela
City 0560, Philippines.
...via PLAY DX...Sam.

DeutschlandRadio Berlin
Deutschlandfunk



Delhi f/d cd. in 2 mos.
(Barto-CT). 7410, 9950 and
13650 f/d "Basilica of Bom
Jesus, Old Goa" cd. in 3
mos. (Barto-CT). 9620 via
Aligarh f/d "Man with Dog,
Rangmahal Roch-shelter,
Bhimbetka" cd. w/ schedule
in 7 wks. (Barto-CT). 9905
f/d cd. in 2 mos. (Barto-
CT). 4960 via Ranchi f/d "Drawing of Nizamuddin Dargah, New Delhi" cd.
in 3 mos. (Barto-CT). FM Rainbow - AIR 11585 via Khampur f/d cd. in
4 mos. (Barto-CT). 5010 via Thiruvananthapuram f/d "Isa Khan's Tomb,
New Delhi" cd. in 3 mos. (Barto-CT).

KAZAKHSTAN: Deutsche Welle 7395 via Alma Ata f/d "Belarus Program" cd.
in 3 mos. (Barto-CT).

KOREA, DEMOCRATIC REPUBLIC OF: Voice of Korea 15245 and 13760 f/d cd.
w/ station pennant and schedule in 4 mos. (Barto-CT).

KOREA, REPUBLIC OF: KBS

World Service 9560 via
Sackville (Why didn't
I list this under Can-
ada?) f/d cd. w/ fre-
quency schedule and a
fashion strap in 35
ds. (Voorhees-NE).

LITHUANIA: Voice of the

Islamic Republic of
Iran 6255 via Sitkunai
I rcvd. a second email
in 40 ds. from Dory at
the IRIB English Ser-
vice. (D'Angelo-PA).
The Mighty KBC 6255 via
Sitkunai f/d tee shirt
postcard verification

FEBA RADIO

via Barbour
wishes to thank you for your
recent Reception Report, and has
pleasure in confirming it with
this Acknowledgement Card.

We hope that you will continue to
enjoy listening to FEBA Radio.

QSL Secretary

Queen Dargah

FEBA RADIO, P.O. BOX 234, SEYCHELLES, INDIAN OCEAN.

DATE *01st June 2002*
TIME *1237-1259* UTC
FREQUENCY *15535* kHz
METRE-BAND mb

RADIO OKAPI

MDA UE 1

Radio Okapi is a FM and shortwave broadcasting network serving the whole of the Democratic Republic of the Congo. It is a joint project of the Fondation Hirondele and the United-Nations. The radio aims to contribute to the restauration of peace in the country by broadcasting news and information programmes that are professional, credible, and reliable.

QSL for: Richard D'Angelo

We are pleased to verify your reception of Radio Okapi, Kinshasa, RDC

Date: 23 October 05

Time: 0400 - 0420 UTC

Frequency: 11.690 MHz

Lausanne

Signature

19.01.06



in 26 ds. v/s Tom de Wit. (D'Angelo-PA).

MONGOLIA: Voice of Mongolia

4895 via Moron f/d "Tourism Corporation of Mongolia" cd. w/ personal ltr. and postcards in 6 wks. (Barto-CT). 4830 via Altay same as above in 6 wks. v/s Mrs. Densmaa, Mail Editor. email: densmaa 9@ yahoo.com. (Barto-CT).

MOROCCO: Voice of America

9875 "African Service" cd. in 7 wks. w/ program guide (Barto-CT). Deewa Radio 15645 "Crosley" cd. in 7 wks. w/ stickers and VOA

STATION NOTES: Radio Educacao Rural Tefe 4924.9 v/s Thomas Schwamborn. Addr: C.P. 21, CEP*69470-000 Tefe, AM, Brasil. Radio Gaucha 11915 v/s Caio Klein, Gerente Tecnico. Radio Africa No. One 15475 v/s Jean Felix Ngawin Ngong Addr: B.P. 1, Libreville, Gabon. Deutschlandradio Kultur 6005 Email: hoereservice@dradio.de. HCJB 6015 via Julich v/s Douglas Weber, Radio Director. Kalaallit Nunaata Radioa or Greenland Broadcasting Company 3815 v/s Ivalu Søvdahl Pedersen, Communications Assistant Informations. Addr: Nunaata Radioa, Vandsøvej 15, Postbox 1007, DK-3900 Nuuk, Greenland...via PLAY DX..Sam

program guide. (Barto).

PORTUGAL: Deutsche

Welle 7145 via Sines f/d "Nauen" cd. in 2 mos. (Barto-CT). 15275 same cd. in 3 mos. (Barto).

RWANDA: Deutsche Welle

11690 via Kigali f/d "50 Years of Broadcasting" cd. in 3 mos. (Barto-CT)

SAO TOME: Voice of America

7290 via Pinheira verified direct w/ a f/d "IBB Sao Tome Transmitting Station" cd. w/ a brief cover ltr. from v/s Charles L. Lewis, Transmitting Station Manager in 1603(!) ds. for an SASE. He says my rpt. was discovered among some papers while he was cleaning out his office preparing for retirement in North Carolina. Thanks to Jerry Berg for the original direct reply information but it took a long time. (D'Angelo-PA).



RADIO SANTA ANA E.I.R. Ltda.

93.3 F.M. STEREO y HONDA CORTA

AV. SANMARTIN N° 636 - TELEFONO 31 1047

QUILLABAMBA - LA CONVENCION - CUSCO - PERU

Quillabamba, 02 de Enero del 2005.

SEÑOR: RICHART A. D. Angelo - 2216 Burkley Drive
Wyomissing, PA. 19610 EE.UU. de A. (USA)

Mi muy estimado Señor, Reciba un saludo cordial en amable compañía de su esposa, Señora Susan y sus hijos Adan y Jennifer - y demás familia que se encuentra en esa tierra tan lejana, Después de corto saludo paso a comunicarle los siguientes.

PRIMERO: Recibi su carta en la fecha 1ro de Enero del 2006, para mí es una grata muy importante sobre la información de Recepción de la RADIO SANTA ANA en su frecuencia 93.3 F.M. Z. donde indica que escuchaste el programa Amanecer de la Tierra a horas 5:17 en la mañana, por el Gallo Madrugador, que el mismo propietario, Señor Nicolás Córdoba Orozco, se encontraba en la programación el día 20 de diciembre del 2005 acompañado con las músicas, flautas, tambor, y mucha más el mismo propietario, operaba, pues esta música cultural es netamente de nuestro Centenario Nacional de Gas de Kamisea en la Provincia de la Convención del Departamento del Cusco.

Según las informaciones que su Aparato Radio Receptor es un RX-340 por el Técnico, Ten-Tec.

Es concreto las informaciones según que se manifiesta en toda Sintonía, para la cual necesitamos actual careemos de los Equipos una Consola - Receptor para mejor comunicación, de los Oyentes. Estoy llano de servirlo, para la cual debe enviar algunas Grabaciones Espoc. Para identificar nuestro receptor RX-340. en Estados Unidos, adjunto mis tarjetas con el numero de teléfono 084-311047 Fax. 281435 más aun el certificado de sintonía con esta información estamos saludando a Estados Unidos a su persona, a sus familiares, por la Radio Santa Ana esperamos más comunicaciones por parte suya.

Agradeciendo su comunicación sintonice en la misma hora 5:15 a 6:00 de la mañana.

Aterramiento.

Nicolás Córdoba Orozco
Gerente General
Radio Santa Ana



TÜRKİYENİN SESİ RADYOSU

VOICE OF TURKEY
DIE STIMME DER TÜRKIE
LA VOIX DE LA TURQUIE



Mr. Henry Weissborn
Dec 28, 1996
23⁰⁰ 24⁰⁰ UTC
9655 kHz 31ub
500 kW
SINPO 1353/3
English
Thanks

SRI LANKA: Radio Aap Ki Dunyaa 9315 via Iranawila "African Service" cd. in 7 wks. (Barto-CT). Radio Farda 17755 via Iranawila cd. in 6 wks. (Barto-CT). Deutsche Welle 15620 via Trincomalee f/d "Sines" cd. in 9 wks. (Barto-CT). 12025 f/d "50 Years of Broadcasting" cd. in 3 mos. (Barto-CT). Deewa Radio 11510 via Iranawila "Crosley" cd. in 7 wks. (Barto-CT).

SWEDEN: Radio Canada International 5850 via

Horby f/d "Maple Leaf Mailbag" cd. in 6 wks. v/s Bill Westenbauer. Schedule and stickers were rcvd. (Barto-CT).

THAILAND: Radio Aap Ki Dunyaa 9785 via Udon Thani "African Service" cd. in 7 wks. (Barto-CT).

TIBET: Kizang People's Broadcasting Station 5240 via Lhasa verified via China Radio International in 31 ds. w/ a date only handwritten note

from v/s Ying Lian, English Service.

(D'Angelo-PA).

TNINIAN: Voice of America 9845

"African Service" cd. w/ program guide and stickers in 5 wks. (Barto-CT). 7235 same cd. in 5 wks. (Barto-CT)

Muchas gracias por su reporte de recepción del día 23 MAY '96 Hora 10:50-21:12 Linn Time

Somos una Emisora Cultural Educativa del VICARIATO APOSTOLICO DE PUERTO MALDONADO fundada el 23 de Noviembre 1957.

Nuestro objetivo es unir y acompañar a una población muy diseminada en esta difícil y aislada geografía.

Estamos en zona de selva tropical amazónica del Perú. Nuestro clima es caluroso y húmedo. La vegetación esuberante y tropical.

Le deseamos muchos y felices DX.

Pto. Maldonado 17 de Junio de 1,993

SR. RICHARD A. D'ANGELO
2216 Durkey Drive
Wyomissing, PA 19610
U.S.A.

USA: WBCQ The Planet 7415 f/d cd. in 10 ds. (Voorhees-NE). 5110 f/d cd. in 8 ds. for SASE. v/s Alan Weiner. (Mikell-IL). Voice of America 9575 via Greenville "African Service" cd. in 5 wks. (Barto-CT). 7370 via Delano "African Service" cd. in 7 wks. (Barto-CT). Armed Forces Radio and Television Service 7811 via Key West f/d cd. in 3 ds. for a rpt. to their website. (Mikell-IL).

YEMEN: Sana'a Radio 5950 f/d email reply in 80 ds. v/s Ahmed Tashy who encouraged further replies. Addr: all tashy@yahoo.com (D'Angelo-PA).

AUSTRALIA: VKD963 Yolnu Radio 5050 Aboriginal Resource and Development Services via Humpty Doo date and frequency ltr. w/ station brochure

* and goodies in 71 ds. from Dale Chesson, Radio Service Manager (Pogue-TN)..Great QSL. It was rcvd. while I was preparing the QSL Column...Sam.

See you next month!

Ram



Thanks for your Report!

Scoreboard

Gary R. Neal • 4866 N. Wyndham Rd. • Wichita, KS 67219-5501 • grneal@earthlink.net

This month we are highlighting our members' totals from Asia. Ranking is based upon Asian Countries Verified. This is your chance to show everyone how well you are doing. The next deadline is August 15th for the March September 2007 issue of the Journal. The spotlight will be on Europe


Name, State	Total		Asia		Best Asia QSL
	c/H	c/V	c/H	c/V	
Jerry Berg, MA	244	244	70	70	Em. De Radiodifusao de Timor
John L. Sgrulletta, NY	241	240	69	69	AIR-Gangtok, Sikkim 3390 kHz
Marlin Field, MI	244	244	68	68	RRI, Serui, Irian Jaya (500 w.)
Steven R. Lare, MI	236	221	70	65	Bhutan (10 Kw)
Harold Cones, VA	234	232	65	64	BBCS Bhutan
Rich D'Angelo, PA	225	223	63	61	R. Afghanistan
Sheryl Paszkiewicz, WI	224	219	64	59	Bhutan
Chris Lobdell, MA	224	221	58	57	AIR - Port Blair
George Maroti, NY	206	199	59	57	Bhutan
Ron Howard, CA	212	200	61	56	Azad Kashmir
Stephen Price, VA	193	174	59	54	Burma
Paul Buer, FL	218	207	56	53	The Voice of Peace (400 w.)
Christos Rigas, IL	217	198	60	53	R. Bahrain
Jim Evans, TN	210	201	55	50	R. Bangladesh
Stephen Leite, MA	209	191	50	48	Burma (Rangoon)
Allan R. Loudell, DE	192	167	53	46	Goa
Ross Comeau, MA	193	172	49	45	VO Meteorology
James R. Renfrew, NY	189	161	49	42	Cambodia
George L. Glotzbach, MN	154	136	46	38	V. of Mongolia
Mark Humenyk, ON	169	148	47	36	Kol Israel
Gary R. Neal, KS	137	126	38	36	Voice of Hope, Lebanon
Jerry Johnston, KY	209	141	56	33	AIR-Andaman Islands
Scott R. Barbour, NH	166	115	49	29	AFN Diego Garcia
Paul Brouillette, IL	148	121	32	27	BPM-China
Bill Smith, MA	125	125	26	26	Armenia
Dan Srebnick, NJ	156	121	35	24	Pyongyang
Edward G. Stroh, IL	135	104	30	23	V. of Vietnam
Scott C. Newman, IN	148	113	33	22	V. of Mongolia
Richard Bradley, MA	145	130	23	21	Korea, Dem. Peoples Rep.
Jilly Dybka, TN	145	108	36	20	R. Pyongyang
Richard E. Lawrenson, RI	123	113	14	14	V. of Mongolia
Gary W. Froemming, AZ	184	44	49	7	BSF Time Station (Taiwan)
Don Jensen, WI	245	241			
Jerry Klinck, NY	220	202			
Dan Robinson	230	196			
Bob Raymond, NH	175	150			
David Turnick, PA	144	129			
John Mosman, WI	120	120			
Jerry Irvine, TX	110	60			

Contributors' Page

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

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA	TenTec RX-340 AOR AR-7030 100' LW
Scott BARBOUR, Intervale, NH	R-75, MLB-1, 200' Beverage
Rick BARTON, AZ	SP-600JX/14, Drake R8, HQ140, HQ180
Jerry BERG, Lexington, MA	R8 19, 41, 90 meter dipoles
Ralph BRANDI, Middletown, NJ	AOR7030+ DRM, R8, etón E1 300' longwire, T2FD
Rich D'ANGELO, Wyomissing, PA	TenTec R340, Lowe HF-150, DX Sloper
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
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
Brandon JORDAN, Memphis, TN	no equipment listed
William McGUIRE, Cheverly, MD	DX-380
Kevin MIKELL, Park Ridge, IL	etón E1-XM, 80' long wire
Rich MITCHELL, Raleigh, NC	RX-320D, FRG-7, DX-375, PAR EL-SWL
Bill MONTNEY, Monroe, MI	AOR 7030+, 85' random wire
Dale PARK, Honolulu, HI	Sangean ATS-818CS
Al QUAGLIERI, Albany, NY	R8B, 120' Zepp
Jim RENFREW, Byron, NY	Drake R8B, 1000' & 500' bev, Quantum Phaser
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 

Notice to our Overseas Members

Because of what seems to be an almost complete breakdown in the delivery service provided by the private company we were using for overseas mailing of the NASWA Journal, we now have to begin using the U.S. Postal Service Air Mail. Since this entails higher postage rates, we are forced to raise the rates for overseas members as follows:

South America and the Caribbean	\$38.00
Europe	\$40.00
Asia and Africa	\$42.00

These new rates will begin on June 1, 2007 and we will accept prepayment of dues.

 **NASWA**

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

- 2310 AUSTRALIA VL8A Alice Springs 1239 sports & news. P-F 5/9. (Herr-CA)
- 2325 AUSTRALIA VL8T Tennant Creek (P) 1058-1101 EE interview, ToH ABC news; poor 4/28. (Taylor-WI)
- 3240 SWAZILAND TWR Manzini 0332-0345* choir vocals, then M in Shona language; ID & IS 0344, carrier cut 0347; fair 4/30. (D'Angelo-PA)
- 3249.56 HONDURAS R. Luz y Vida 0127-0145 M SS rel talks & choral music; P-F 4/30. (Barbour-NH) 3250.07, *1100 w/ s/on anmts by M, into NA, then rel pgm 1104; W speaking religious phrases in SS, M repeating them in EE. 4/16. (Jordan-TN) 3250.1, 0324-0356* soft rel instl mx; M w/SS rel talk 0330; more soft instl mx 0350, then M ID & s/off anmts; soft mx continued till carrier was cut; 5/19. (D'Angelo-PA)
- 3260 PNG R. Madang 1125-1130 Pidgin (?), pop mx; signal at noise threshold. 4/28. (Jim Evans-TN)
- 3274.63 USA PIRATE *The Crystal Ship* 0057 continuous mx, songs from Asia and Tom Petty (among others); M anc'r giving ID as 'The Crystal Ship'; very noisy tonight, 4/18. (Agner-MD)
- 3284.62 USA PIRATE *The Crystal Ship* 0426, 0449 "The Crystal Ship, the official (voice?) of the Blue States Republic", speeches from Presidents Johnson and Nixon, then music "Come on people, smile on your brother", and "Sky Pilot". E-mail tcsshortwave@yahoo.com and Belfast postal addresses announced. I thought Belfast was long gone? 4/26. (Renfrew-NY)
- 3291 GUYANA V. Guyana(P) 1140 EE, presumed, no ID heard; W [apparently] with talk; mx w/M singing. Signal gone by about 10 minutes; very poor 4/10. (Mikell-IL)
- 3310 BOLIVIA R. Mosoj Chaski Cochabamba 0140-0201* local mx, ballads, Quechua talk; weak 4/28. (Alexander-PA) Tentative, 0052-0111 indigenous mx at t/in; M&W w/SS banter thru ToH; tentative ID 0108; P/F w/static crashes 5/3. (Barbour-NH)
- 3315 PNG R. Manus Lorengau 1120-1135 EE (?) M&W talking followed by 70s and 80s pop music. Signal at noise threshold. 4/28 (Jim Evans-TN)
- 3344.85 INDONESIA RRI Ternate Ternate 1133-1135 M in Indo talk; signal at noise threshold 4/28. (Jim Evans-TN)
- 3375.01 BRAZIL R. Educadora Guaruja Mirim *0901-0955+ s/on anmts, into continuous PP ballads; F/G 4/22. (Alexander-PA)
- 3390.3 BOLIVIA R. Emisoras Camargo (P) 0011-0023 two SS anc'rs w/ mx & talk; QRN won out around 0023; poor w/ no sign of ute normally occupying frequency, 4/27. (Barbour-NH)
- 3396 ZIMBABWE R. Zimbabwe 0115-0225+ hi-life mx, song by Josh Grobin, talk in vernacular & some English; P/F 4/21. Not on this frequency 4/20, but I had a tentative logging of them on 6045 on that date. (Alexander-PA)
- 3810 ECUADOR HD2IOA 0717, SS time anmts; logged as a "goof"... 30th anniversary of my first hearing them, but was on 7600 kHz. Poor 5/12. (Mikell-IL)
- 3905 PNG R. New Ireland Kavieng 1105-1130 M&W talking in Pidgin, then pop music; good signal, the best of the PNG and Indo stations monitored this morning, 4/28. (Jim Evans-TN)
- 3925 JAPAN R. Nikkei 1026 M&W in JJ talk; fair 4/28 and // 6055 at fair-poor level. (Ronda-OK)
- 4052.5 GUATEMALA R. Verdad 1206 noted in passing with some moments of marimba music breaking thru and a snatch of hymn-like melody; no ID or anmts heard; fair 4/10. (Mikell-IL)
- 4319U DIEGO GARCIA AFN (P) 0003-0016 EE stock report & sports scores via FOX followed by right wingish call-in pgm. PSA re help for alcohol abuse. Poor/weak 5/16. (Barbour-NH)
- 4409.79 BOLIVIA R. Eco 0000-0012 SS ID at t/in, mx jingles, M talk thru ToH; F/P 4/26. (Barbour-NH) 4409.81, 0140-0155+ SS ballads, Bolivian music; SS anmts; weak 4/20. (Alexander-PA)
- 4485.9 PERU R. Frecuencia VH (P) 0250-0305* M in SS betweenmx selections; abruptly gone 0305; poor/weak 5/12. (Barbour-NH)
- 4604.9 INDONESIA RRI Serui Serui 1101-1110 Indo nx by M&W, then pop mx; // RRI Makassar on 4749.96; poor 4/28. (Jim Evans-TN)

- 4716.7 **BOLIVIA R. Yura** 0039-0049 W in SS b/w mx selections; several IDs; consistently the best Bolivian logged at my QTH; fair 5/10. (Barbour-NH) 4716.65, *0918 open carrier till NA 0926, anmts by M 0930; poor w/unusable audio but improving towards 1000 w/vocals & occasional good peaks: W anc'r discernible 1003 w/SS talk between vocals during the 1000 hour, but no ID heard. Drifted up and stabilized around 4716.66 kHz by 1045 when the signal began fading rapidly. Carrier below the noise floor by 1115 UTC. 4/18. (Jordan-TN) 4716.67, (P); 0110-0120 local Bolivian mx, SS anmts.; very poor in noisy conditions 5/6. (Alexander-PA)
- 4746.91 **PERU R. Huanta 2000** Huanta; 0145-0209* continuous SS talk; s/off w/NA, but pulled plug midway through anthem. Poor, with CODAR QRM. 4/28. (Alexander-PA) 4746.87, *0944 amidst weak to moderate CODAR QRN. Very weak audio at s/on but improving, peaking at fair to good levels w/M&W anc'rs giving greetings over music at 1044, by which time CODAR was not audible. Monologue by the M anc'r from 1053 and across the ToH as signal intelligibility faded to unusable levels by 1110. No ID heard. 4/17. (Jordan-TN)
- 4749.96 **INDONESIA RRI Makassar** 1101-1110 M&W w/Indo nx, then pop m; //RRI Serui (4604.9); poor 4/28. (Jim Evans-TN) 0835 carrier first noticed rising above noise floor amidst weak CODAR QRN. Signal slowly increasing until first signs of audio beginning at 0925, when CODAR was no longer audible. Koranic recitations audible at 0950 and continuing over the ToH. Talk by woman after 1030. Possible news at 1100 then into talks by various announcers. Signal peaking around 1130 UTC with female speaker giving RRI web site address. Man at 1145 with possible sports coverage until 1200 as signal was slowly weakening. 4/17. (Jordan-TN)
- 4750 **SUDAN R. Peace** 0237-0303 Vernacular/EE; M&W b/w both choral & indigenous musical bits; EE anmt 0259, then choral music bit and a shorter "This is Radio Peace" ID. Poor w/ CODAR that diminished over time. 5/18. (Barbour-NH)
- 4769.97 **NIGERIA Radio Nigeria** Kaduna 0105-0225+ on late for election w/ EE talk; poor 4/22. (Alexander-PA)
- 4774.96 **PERU R. Tarma** Tarma *0957 only snippets of audio. Drifting slightly downward and stabilizing at 4774.96 kHz by 1030. Signal improving rapidly by 1045 with SS echo-effect talk by M till 1055, with mentions of Peru. Info music bridge with brief anmt by M&W, possible R.Tarma ID at ToH. Signal deteriorating rapidly by 1100. 4/17. (Jordan-TN)
- 4775 **SWAZILAND TWR** Manzini 0402-0417 booming in with German program featuring rel talks & choir vocals; good 4/21. (D'Angelo-PA)
- 4777 **GABON R. Gabon** *0501-0525 s/on w/last 15 seconds of NA, into FF talk. IDs; Afro-pop music; fair 5/18. (Alexander-PA) 0514-0530 W in FF b/w Afropop mx & ID in passing; joined by M at t/out; F/G 4/30. (Barbour-NH)
- 4780 **DJIBOUTI R. Djibouti** 0315 AA singing, mx & talk by M; mention of Djibouti; W (sounding) anc'r 0330 w/ maybe nx or anmts; poor 4/29. (Mikell-IL) 0314 two men chanting in AA, possibly prayers, pretty fair level this morning, 4/22. (Agner-MD)
- 4780 **GUATEMALA R. Cultural Coatan** 0220 lots of upbeat vocals; quick SS ID, back to mx; fair 5/8. (Ronda-OK) 1106; good most mornings here with their lively wake-up program. 4/28 (Ronda-OK) 4779.97, *1028 w/choral Guatemalan NA, then s/on anmts by M in SS at 133, ID'ing as "Radio Coatan", into lively vocals with IDs and TCs by M till 1045 t/o; 4/17. (Jordan-TN)
- 4790.11 **PERU R. Visión** Chiclayo 0658 rel monologue by M, continuing past ToH; into another rel pgm 0737 recorded in echoey hall. Canned "Radio Vision" ID & fqy anmts 0800, mentioning slogan "La Voz de Salvación"; then into a variety of vocal selections until 0900. Fair with persistent but low level CODAR QRM 4/17. (Jordan-TN) 4790.2, 0335-0345 M SS rel talk; poor signal w/ute QRM 4/19. (Jim Evans-TN)
- 4796.4 **BOLIVIA R. Mallku** 0012-0026 flute mx, M SS anc'r; more rustic music/vocals with anc'r talking between selections; ID in passing; weak w/heavy CODAR QRM 5/10. (D'Angelo-PA)
- 4799.8 **GUATEMALA R. Buenas Nuevas** 0336 M singing, M SS TC, spoke a bit...heard the words hermano, esperanza, and amor; back to mx 0347 with YL or teen singing with flutes and strong bass. TC and back to man talking. 0355 sounded like a phone call in or perhaps pre-recorded phone out segment. Q&A with kids, likely. Back to music and host was singing along at times with the song. Poor 4/28. (Mikell-IL)
- 4835.4 **MALI RTV du Mali** 2317-0001* M in FF hosting pgm of French pop mx & highlife vocals; retune at 0000 to catch ID & orchestra NA; very poor on this channel but fair on //5995; 5/1. (D'Angelo-PA)
- 4835.4 **PERU R. Maranon** (P) 0206-0223 M SS talk b/w ballads, including "Total Eclipse of the Heart" in EE; weak/poor 4/27. (Barbour-NH)

- 4840 **INDIA AIR Mumbai** 0046-0108 Vernacular; Hindi mx at t/in, noted // 5010 Thiruvan (fair) and 4910 Jaipur (poor). At 0054 each w/ different ancrs followed at 0100 w/ each station using their own format. Jaipur was unusable by ToH, Thiruvan fading considerably by t/out, while Mumbai held steady throughout. 5/19. (Barbour-NH)
- 4845 **BRAZIL R. Cultura** Manaus 0030-0108 up-beat mx selections & M in PP on occasion; ID's at 0038 and 0108; fair/good 5/17. (Barbour-NH)
- 4877.5 **CANADA RCI** Sackville 0247-0259* noted w/SS pgmg & ID in unusual place at P/F level with usb needed to avoid serious het from Brazilian just below. // fundamental 9755 which was at a good level. First time I noted this sub-harmonic and reminiscent of a Saudi Arabia sub-harmonic from years past. 5/4. (D'Angelo-PA) 0250-0259*, thanks to Rich D'Angelo's tip, weak sub-harmonic of 9755 with Spanish programming. 5/11. (Alexander-PA)
- 4885 **BRAZIL R. Clube do Para** Belem 0351 M PP ancr w/with echo effects ID & anmts; up-tempo mx; sweeper QRN/QRM; poor 5/5. (Wood-TN)
- 4915 **ZAMBIA CVC** 0054-0102 in EE w/contemporary rel mx w/ usual CVC IDs & promos; poor, gave up at 0102 due to relentless CODAR. 5/12. (Barbour-NH)
- 4915.96 **BRAZIL Rdif. Macapa** Macapa 0415 mx, several clear anmts as "Radiodifusora Macapa AM". I never noticed this one before. Very good 4/26. (Renfrew-NY)
- 4918.99 **ECUADOR R. Quito** 0125-0225 SS talk, IDs at 0133, 0203; ads, jingles; fair 5/18; irregular. (Alexander-PA)
- 4965 **ZAMBIA CVC** 0032-0052 EE, contemporary rel ballads b/w promos & IDs; fair listening in LSB to avoid CODAR, 4/27. (Barbour-NH)
- 5005 **EQ.GUINEA R. Nacional** Bata 2240-2259* continuous vocals until W ancr gave ID 2254, then long orchestral NA; poor 5/6. (D'Angelo-PA)
- 5009.79 **DOM.REP. R. Pueblo** Santo Domingo (P) 2350-0001* SS talk; could not catch an ID; poor, weak in noise 4/20-21. Radio Pueblo heard here on this exact frequency back in March with a 0001 sign off. (Alexander-PA)
- 5010 **MADAGASCAR RN Malagasy** *0255-0335 instl mx & vocal mix opening music; W ancr 0300 w/ID & s/on anmts in Malagasy; M w/brief talk before choir vocals; rel talk followed; poor to fair 5/20. (D'Angelo-PA) 0319 very good signal, though not clear enough to say that it was FF or not - might have been. Talk, music bridges, including a piece featuring whistling used twice. ID 0331. 4/26. (Renfrew-NY) 0255 IS played 6 or 7 times, anthem, then M, then vocals; couldn't pin the language; audio at first sounded like it was live as it had a slight echo but settled down into what might have been some sort of live event. I could have sworn there was something here before 0255, but I can't be very sure. Was looking for Pueblo/Cristal, but this is nice too. 4/22. (Agner-MD) 0305-0330 various ancrs b/w musical bits; solid "R.Malagasy" ID 0328, then presumed ad/promo, then a "R.Madagaskara" ID 0329; poor 5/18. (Barbour-NH)
- 5014.35 **PERU R. Altura** Cerro de Pasco 0325-0345 local pop mx w/occasional short SS anmts by M; poor signal 4/19. (Jim Evans-TN)
- 5030 **BURKINA FASO R. Burkina** 2325-0001* M in FF hosting mx pgm; ID & closedown anmts 2359, then orchestral NA; poor to fair 5/1. (D'Angelo-PA)
- 5030 **COSTA RICA University Network** Gene Scott 0645 in EE talking about different historical copies of the Bible. Noted in passing with Cuba QRM on the low side. Fair 5/12. (Mikell-IL)
- 5050 **CHINA Guangxi FBS** 1140-1204 DJ in Viet. till ToH playing pop songs, ToH music (no time pips), into Cantonese pgmg; probably the best I have heard this one, clearly // to 9820; poor 4/29. (Howard-CA)
- 5110 **USA WBCQ** 0445 in EE; Canadian dude's "Northern Lights" bible vs. science pgm. ID "Good Friends Radio Network is available thru WBCQ, Monticello Maine". Fair 4/11. (Mikell-IL)
- 5579.97 **BOLIVIA R. San Jose** 0055-0108 in SS, ballads & brief anmt at ToH; solid ID 0103, then mx thru t/out; poor 4/26. (Barbour-NH)
- 5811.38 **COLOMBIA LV de tu Conciencia** 0825-0840 weak spur of 6009.48 leapfrogging over 5910.43; 5/5. (Alexander-PA)
- 5890 **USA R. Thailand** Delano 0210 EE discussion, 0212 ID, nx, 0221 business nx 0229, ID, IS; good 4/17. (Mitchell-NC)

Next deadline to Distribution Editor is June 10; deadline direct to me is June 20. 

International Band Loggings

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- 5915 ZAMBIA ZNBC Lusaka in Vern/EG 0449, call-in pgm in VN at t/in, ID and news in EG 0500, ments of several African countries, poor with splatter from WBOH (Barbour NH 4/30)
- 6020 PHILIPPINES *Vatican Radio* relay via Palauig in CH 1230, IS and bells at opening, g (Barton AZ)
- 6035v COLOMBIA *LV del Guaviare* San Jose in SP 2320, nx, talk segments, some remotes, 5+1 pips 2330, ad strings w/rice ID 0002 prior to another ad string, poor (D'Angelo PA 5/9) in SP *1029, s/on ancmts ID, promos, many vocals, fqy drift w/deteriorating signal (Jordan TN 4/17)
- 6050 MALAYSIA *Asyik FM* relay via RTM Sibu in Malaysian 1111, 2 OM's in talks, Moslem call to prayers, "Asyik FM" singing jingle, fair with moderate het (Howard CA 4/20)
- 6080 SINGAPORE *RSI* in EG 1345, feature program, ID at 1350, vg, //6150 barely heard (Barton AZ)
- 6080 SAO TOME *VOA* relay in EG 0415, Cinco de Mayo 2007, sports w/mentions of Taiwanese soccer players and owners in the UK, wx rpt for China, SE Asia, and major US cities, g (Wood TN)
- 60899v CHILE *R Esperanza* Temuco in SP 0805-0905, religious sermon and mx, ID, g (Alexander PA 5/12) in SP 0830, OM sermon alternately subdued and excited, ID in passing, ads, phone #'s (Berg MA 5/12)
- 60898v NIGERIA *R Nigeria* Kaduna in Hausa 2115-2300*, talks, ments Lagos and Kaduna, variety of Afro pops and local folk mx, s/off w/short NA, poor to 2205 but good thereafter (Alexander PA 5/11)
- 6090v BRAZIL *R Bandeirantes* São Paulo in PT 0605, local mx, talks, anmts, ads, fair (Alexander PA 5/12)
- 6095 NEW ZEALAND *RNZI* in EG 1345, Pacific Islands mx, news TOH, vg (Barton AZ, Ronda OK)
- 6120 CANADA *R Japan* relay via Sackville in EG 1155, "Learn Japanese" feature, good (Fraser ME 4/11)
- 61348v BOLIVIA *R Santa Cruz* in SP/Aymara 0935-1005, local mx, IDs, talks, f-g (Alexander PA 5/5)
- 6145 UNITED ARAB EMIRATES *Gospel for Asia* via Dhabbaya in Tamil 0130*, religious talk followed by vocal mx, YL w/sign off ancmts, IS, poor (Barbour NH 5/3)
- 6150 ROMANIA *RRI* in EG *0256-0336, Cinco de Mayo 2007, IS, ID, beamed to ECNA, news about US military bases in Romania and Bulgaria, ments of NATO, mx prgm, good, //9645 fair (Wood TN)
- 6155 AUSTRIA *RAI* Moosbrunn in GM 0420-0500, Cinco de Mayo 2007, chamber mx, vg (Wood TN)
- 6160 CANADA *CKZN* St. Johns relay of CFBG in EG 0911, "News Around the Province", wx for St Johns, marine forecast for Labrador, business nx, "Labrador Morning", TCs, songs (Howard CA 4/18)
- 6165 CROATIA *Croatian Radio* Deanovec in EG 2215, local pops, ID, "Croatia Today" prgm w/news, sports and wx rpts, weak, much better on //9925 via Germany relay (Alexander PA 4/28)
- 6200 CZECH REPUBLIC *R Prague* in EG 0103, news, ID, interview, sports, "One on One" feature, IS, ID, (Mitchell NC 4/17)
- 6255 LITHUANIA *VOIRI* (Iran) relay via Sitkunai in SP 2104-2130*, news, interview re American, Iraq, and Palestine, IS for 3 minutes prior to s/off, fair (Barbour NH 4/27)
- 62851v NORTH KOREA *V of Korea* Kujang in EG 1012, news, ID, local mx, weak (Alexander PA 4/22)
- 60703v ISRAEL *Galei Zahal* Tel Aviv in HB 2306, dance mx w/lively DJ, TP, ID, news f-g (D'Angelo 5/11)
- 7090nf ERITREA *VOBME Asmara-Program 1* in Tigrinya 0358, IS, talk in language, Horn of Africa mx at 0422, new frequency replacing 7100, weak in noise (Alexander PA 5/11)
- 7135 MOROCCO *RTV Marocaine* in AR/FR *2200, news, OM ancmts over mx, ID in each lang, Western classical music bed, into talk 2205 (Taylor WI 5/7)
- 7150 CHINA *CNR-2/CBR* via Xi'an in EG 1304, usual "English Evening" pgm, song "Talk to Me", gave examples of "thinking outside the box", f-p, //6065, 6155, 7140, 7245, 7315 (Howard CA 4/30)
- 7210 ETHIOPIA *R Fana* Addis Ababa in Amheric 0338, talks, Horn of Africa vocals, ID 0345, and back to vocals, fair-poor in noisy band condx (Ronda OK 4/29) ED: listed power 10 kw. Nice catch.
- 7225 UNITED KINGDOM *Deut Welle* relay via Rampisham in EG 0411, nx and nx features, ID, website, ID, "Insight" feature, p-f (D'Angelo PA 4/22) in EG 0459*k, feature on energy use, ID 0445, abrupt s/off, occasional ute/rtty QRM, poor (Mikell IL 5/12)
- 7225 ARMENIA *FEBA* relay via Yerevan in Tamil *0100, IS, ID, talks, mx bits, fair (Barbour NH 5/2)
- 7235 IRAN *V of Justice* Sirjan in EG 0212, criticism of US policy toward Iran and Iraq and the Arab world in general, bridge mx b/w talks, ID 0223, s/off 0228 (Taylor WI 5/13)
- 7255 NIGERIA *V of Nigeria* Ikorodu in FR/Hausa 2145-2300*, talk, Afro pops, IDs, into Hausa at 2200, off at 2300 with NA, strong signal (Alexander PA 4/27)

- 7275 **NIGERIA R Nigeria** Abuja in EG 0552, Afro pop mx, ID, kalimba/drums, ID 0600, 5 pips (4 short and 1 long), news, promo, morning talk pgm, weak but in the clear peaking abt 0605 (Quaglieri NY 4/17) in EG 0605, news, poor signal (Evans TN 5/5)
- 7280 **CHINA V of the Strait** Fuzhou in CH 1121, variety of talks and mix of musical styles, short headlines or ancmts, ID, fair to good (Taylor WI 4/28, Ronda OK 4/28)
- 7295 **MALAYSIA Traxx FM** relay via RTM Kajang in EG 1421-1528, Maya and other DJs with their "Jazz Selecta" pgm, several IDs, ezl jazz instrument'ls and vocals, news TOH, TCs, p-f (Howard CA 5/1)
- 7355 **ALASKA KNLS** Anchor Point in EG 0800-0859*, mx, free book offer, story of a parrot believed to be extinct but rediscovered in the 50's, sked, fqys for the "English Hour", ID, relig mx, deep fades, poor (Mikell IL 5/13, Evans TN 4/29) in EG 1233, contemporary Christian mx, ID, fair signal w/ham QRM (Taylor WI 5/12) in EG 1419, mz, IS, short feature on American idioms, ID (Hauser OK 4/16)
- 7440 **UKRAINE RUI** Mykolayiv in EG 0304, EG service to NA, news, "Ukraine Diary", S-8 signal level, ID, S-8 signal but audio muffled somewhat (Strawman IA 5/6, Ronda OK 5/7)
- 7555 **KUWAIT VOA** relay in EG 0018, VOA special EG w/ "Focus on Business", off 0030 (Barbour 5/12)
- 7811usb **USA AFN** via Key West, FL in EG 0507, features from CBS/NPR/etc., Katie Kouric's feature on the increase in obesity in women, PSA, rpt from the Azores on "Warrior Ethos", feature on recognition given to the remains found a few years ago of a WWII bomber crew shot down, g (Mikell IL 4/11)
- 9290 **LATVIA R Mi Amigo Intl** relay via Riga in EG 2020, Bob Dylan's "Lily, Rosemary and the Jack of Hearts", TC, f, fgy, ID, more mx, Mi Amigo promo, instrumentals, f-g (Berg MA 5/9)
- 9330 **SYRIA R Damascus** in EG 2204, Mid-East nx, ID, talk re Syrian kingdom, Israelis, Arabs, and Palestinians, AR mx, weak over-modulated signal (Barbour NH 5/7)
- 9345 **ISRAEL V of Israel** in HB 0400, ending FR service w/ID and TS, into nx in HB. f (Ronda OK 4/29)
- 9410 **CHINA CNR-5** Beijing in CH 1252, YL talking at length, ID 1300, fair (Taylor LFCP-WI 5/12)
- 9490 **CANADA R Sweden** relay in SW *0000, IS, ID, national/regional nx, QRM (McGuire MD 5/4)
- 9495 **IRAN VOIRI** Kamalabad in EG *0130, fqys, sked, tlk re Iran's position in world events, p (Herr CA)
- 9505 **JAPAN R Japan** Yamata in EG 1548-1600*, JP choral mx & rap?, ID, sked, fqys, f-g (Ronda OK 5/10)
- 9515nf **ALBANIA IRRS** Milano relay in EG *0928-1045+, relig programming at 0930, IRRS ID and Milano, Italy address 1045, threshold at t/in but soon improved in strength to fair by 1015 (Alexander PA 4/22)
- 9525nf **ASCENSION ISLAND Cotton Tree News** relay beamed to Sierra Leone in EG/Verns 0730-0800*, nx in both languages "this news comes to you from CTN, Freetown"; the United Nations Development Program Goodwill (presumably the soundtrack of Mr. Andwele's visit to Freetown for a workshop at the Fourah Bay College branch), drums, ID, followed by same news in Vern, no sign off ancmt 0759 (Howard CA 5/13, Berg MA 5/8)
- 9525 **INDONESIA V of Indonesia** Jakarta in EG 0839, weekly "Profile" program, EG segment over at 0900 and // fqys listed as 11785 and 15150, ID (Howard CA 5/4) in EG/Malaysian? 1100-1133, ID and web address followed by program/g in Malaysian?, many IDs w/EG ID again 1130, p-f (Alexander PA, Ronda OK) in IN 1350-1400, nice eclectic mx mix, again using the march "Under the Double Eagle" by Wagner as background to rpt in IN, signal mixes w/CRI after 1357 (Hauser OK 4/23)
- 9580 **AUSTRALIA RA** in EG 1145, "Late Night Live" on Aboriginal problems, vg (Fraser ME 4/12)
- 9615 **PHILIPPINES RA Veritas Asia** in CH/EG 1139-1200*, language lesson at t/in, talks b/w classical mx bits, ID in EG, sked, and s/off, p-f (Barbour NH 5/11)
- 96207v **URUGUAY SODRE** Montevideo in SP 2206-2253, phone talks, nice acoustic ballads, ads, promos?, solid ID 2245 and 2247, wiped out at 2253 by carrier s/on of REE Spain, p-f (Barbour NH 4/30)
- 9650 **CANADA KBS** (South Korea) Radio relay via Sackville in EG 1205, news, commentary, ID "Seoul Calling", mx, report, more mx, good (Mitchell NC 4/19)
- 9665 **MOLDOVA V of Russia** relay in EG 0200, IS, ID, national nx, mention Iraq, g (McGuire MD 5/4) in EG 0345, pgm about the Battle of Berlin during WWII, ment Marshal Zhukov, f (Wood TN 5/11)
- 9680 **INDONESIA RRI** Jakarta in EG 1000, Kang Guru Radio EG program #5506 presented by Kevin and Fiona, talking about volunteers at Sangla Hospital in Bali, g-f (Howard CA 4/18)
- 9690 **SPAIN China R Int** relay in EG *0300, ID, "News & Reports", mentioned Israel, g (McGuire MD 5/4)
- 9695 **CHINA China R Int** via Xi'an in EG 1756*, Art of Noise's "Love Plus Love", YL saying "You have been listening to 'Playground'? on China Radio International" then abrupt s/off, p (Park HI 5/1)
- 9700 **BULGARIA R Bulgaria** in EG *2300, IS, ID, fgy, sked, rpt on European Union, g (McGuire MD 4/26) in EG 0100, TC, fqys, nx, commentary re situation in Palestine, poor (Herr CA 4/22)
- 9704v **NIGER LV du Sahel** Niamey in FR/Hausa 2100-2200*, variety of Afro/FR pops, local tribal mx and one US tune, into Koran 2153, one hour early s/off on Sunday, fair (Alexander PA 4/29)


- 97042 **ETHIOPIA R Ethiopia** Addis Ababa in Vern 0347, OM/YL b/w Horn of Africa bits, fanfare at 0359, ID and into news? at 0400, return to mx programming 0410, p-f, //7110 (D'Angelo PA, Barbour NH)
- 9710 **AUSTRALIA RA** in EG 1801, World and national news, QRN, poor, //9580 (Park HI 5/1)
- 9760 **PHILIPPINES VOA** relay in EG 1340, "Music America" feature, jazz, ID, f-g (Ronda OK, Taylor WI)
- 9770 **SOUTH KOREA KBS World Radio** Kimjae in EG 1315, mx, cmntry, ID, fair w/slight splash from VOA Philippines on 9760 (Barton AZ, Herr CA 4/21)
- 97798v **YEMEN Rep of Yemen Radio** Sanaa in AR 2150-2204*, brief bits of speech by OM b/w AR musical selections, ID, sked? 2202, talk uni cut-off at 2204, good (Barbour NH 4/30)
- 9810 **INDIA AIR** Panaji in Vern *0128, IS, ID, ancmts, mx selections, more talks, p-f (Barbour NH 5/4)
- 9880 **RUSSIA V of Russia** relay via Armavir in EG 0335, talk of US political system and the upcoming elections, ID, music from the Moscow Chamber Orchestra, g, //9860 (Wood TN 5/11)
- 9890 **RUSSIA V of Russia** relay Samara in EG 1904, item on new nuclear sub launching named for Moscow's founder, fair w/deep fades, //12070 (Fraser ME 4/16)
- 9900 **BULGARIA Radio Varna** in BG 2050-2110+, local pop mx, ballads, ID 2054, pips, NA at 2100, into news, ID 2107, a few EG lyric pop songs, heard Sundays only (Alexander PA 4/22, D'Angelo PA 5/6) in BG/EG 0030-0102, romantic pop ballads, IDs, R Varna jingles, newscast, fair (Barbour NH 5/7)
- 9925 **GERMANY Croatian Radio** relay via Wertachtel in EG *0200, IDs, "Croatia Today" news prgm, light music 0215, good, //6165 not audible due to strong R Nederland Bonaire relay (Alexander PA 4/20)
- 9965 **PALAU High Adventure Ministry** relay via Koror in CH 1013, continuous choral mx to 1028, talkover by OM and YL after, fanfare, ID 1030, more talks, fair (Barbour NH 5/5)
- 9975 **UZBEKISTAN CVC International** relay via Tashkent in HD 0109, pop mx b/w selections featuring lengthy phone #, various promos, IDs, Quiz w/India POB, website, fair (Barbour NH 5/12)
- 10320usb **HAWAII AFN** (Armed Forces Network) relay via Pearl Harbor in EG, AP Network News, ESPN Game Day, military-related PSA's, plus segment on Military History, fair (Mikell IL 5/11)
- 11590 **ISRAEL V of Israel** Tel Aviv in EG 1909, interview, item on rockets fired into Israel, cmntrys, news about negotiations w/Palestinian Authority, ID, bridge mx, IS at 1925 (Taylor WI 5/7)
- 11655 **NETHERLANDS R Nederland** Flevo in EG 1934, "Weekend Connection" item on French elections, good signal, //17810 fair (Mitchell NC 4/22)
- 117108v **ARGENTINA RAE** in EG 0145-0316, tangos, sports cmntry, long ID, IS sequence from 0252-0303, into FR program 0300 (Ronda OK 5/8, Herr CA)
- 11710 **NORTH KOREA V of Korea** Kujang in EG 1020, talk re history of Korea, local mx, very weak with //s on 13650 and 15180 (Alexander PA 5/12)
- 11735 **ROMANIA RRI** in EG 1740, pgm of classical mx, IDs, IS at 1756 s/off, fair (D'Angelo PA 4/29)
- 11735 **TANZANIA RT Zanzibar** in SH 1800, Hindu-style mx, talks, Afro pops, f (Alexander PA 4/29) in SH 1756, hrd after Romania s/off, local mx, IDs, drums, 5+1 pips 1900, news, p-f (D'Angelo PA 4/29, Barbour NH 4/26, Mikell IL 4/12)
- 11865 **PORTUGAL Deut Welle** relay Sines in GM 2205, various nx w/ment Oslo, ID, g (McGuire MD 4/26)
- 11955 **AUSTRIA Adventist World Radio** relay via Moosbrunn in EG *2059-2129*, opening mx and ID, into EG service to Africa with "Day Life Magazine" feature, f-g (D'Angelo PA 5/10)
- 12000 **PORTUGAL R Portugal** Lisbon in PT 0813, OM in talks, series of phone interviews, ID, fqy ancmts at 0830, poor w/bad het from 12001, //12020 was slightly better (D'Angelo PA 5/12)
- 12065 **RUSSIA R Tikhii Okean** via Vladivostok in RS *0834-0900*, OC, IS, ID, talks, short nx features with brief mx intervals b/w items, vocal, more talk features, p-f, //9765 weak (D'Angelo PA 5/12)
- 12065 **RUSSIA V of Russia** via Chita in VT 1210-1245, long talk by YL, many RS choral selections of the sort once done by the Red Army Chorus, fair (Ronda OK 5/9)
- 12085 **RUSSIA TWR-India** relay via Novosibirsk in Nepali 0136-0145*, OM w/talk and Hindi-like mx, PO Box contact info, YL with s/off ancmts, IS, good (Howard CA 5/3)
- 12115 **ICELAND RUV** Reykjavik in IC 2259-2322*, YL hosting program featuring phone call interviews, s/off earlier than listed 2335, p-f (D'Angelo PA 5/6)
- 13660 **CYPRUS BBC** relay via Limassol in AR 2000, ID, Big Ben chimes, rpt on Iraq, f (McGuire MD 4/26)
- 13710 **GERMANY Evangelische Missions Gemeinde** in Wertachtel in RS 1100, choral mx, OM with long talks from 1106 thru t/out at 1115, poor w/fades (Barbour NH 5/5)
- 15120 **NIGERIA V of Nigeria** Ikorodu in EG 1701-1738, news, ID, analysis of elections, TC, dead air from 1714 to 1720, returned in mid-talk discussing the Bank of Nigeria, African news, f (D'Angelo 4/29) in EG 1923, talk re solar power in Nigeria, news of public works projects and malaria, g (Wood TN 5/4)

- 15180v **NORTH KOREA V of Korea** Kujang in EG *0100-0130, s/on w/IS, NA, ID, anncm'ts, instrumental music, news, weak signal, //13760v also weak (Alexander PA 5/13)
- 15190 **EQUATORIAL GUINEA Radio Africa** Bata in EG 1044-1155, religious pgm, ID, YL reading mail to OM pastor, strong signal but distorted audio and Cuba QRM (Alexander PA, Barbour NH 5/12)
- 15235 **CANADA RCF** Sackville in FR 1938, feature on making candy and ice cream, several mentions of chocolate and "glacee", fair, //15325 (Wood TN 5/4)
- 15295 **MALAYSIA V of Malaysia** Kajang in AR 1648, pop songs to 1657, choral anthem, ID 1700, Mideast type mx, into Malaysian after 1700 w/another anthem, p-f (Howard CA 4/28)
- 15476 **ANTARCTICA LRA36 Radio Nacional Arcangel San Gabriel** (Esperanza Base) in SP 2001-2059*, ballads and folk mx with OM announcer b/w selections, mentioned Esperanza at 2020, full ID at 2058 just before s/off, S-3 level on peaks, brief fade-outs, t/storm static (Strawman IA 4/24) in SP 1812 with ballad mx, talk by YL, vp signal with only occasional noise break-thrus (Evans TN 5/10)
- 15575 **UNITED KINGDOM BBC** Skelton in Pashto 1507, phone interview w/many mentions of Pakistan and Iraq, IDs 1512 and 1517, fair w/some long fades (Ronda OK 5/3)
- 15720 **NEW ZEALAND RNZI** in EG 2115, discussion of War Crimes Tribunal, fair (Ronda OK 5/5)
- 157845v **ISRAEL Galei Zahal** Tel Aviv in HB 2030, lite instrumentals, fair, //69723 (Alexander PA 4/22)
- 17725 **FRANCE V of Africa** (Libya) relay via Issoudun in EG 1400-1600*, IDs, news, commentary, poor to fair, //17870 poor w/DRM mess on high side (Alexander PA 5/11)
- 17770 **SOUTH AFRICA Channel Africa** in EG 1455, pop mx, ID, news, economic news about Africa, poor but peaking to fair (Ronda OK 5/7)
- 17810 **NETHERLAND ANTILLES R Nederland** relay via Bonaire in EG 2015, "Amsterdam Forum", how Monarch butterflies navigate, discussion re mono agriculture, good (Fraser ME 4/10)
- 17830 **ASCENSION ISLAND BBCWS** in EG 1938, interview w/actress, Art Show in Wakefield, music, ID, IS tones, news, good (Mitchell NC 4/22)
- 17870 **FRANCE V of Africa** (Libya) relay via Issoudun in EG 1537-1557*, news at t/in, ID, Afro pop mx, poor to fair in noisy conditions, //21595 poor (Alexander PA 4/28)

Clandestine And Opposition Stations

- 6185 **ETHIOPIA V of the Tigray Revolution** in Tigrinya 0357, distinctive IS, talk at 0400, Horn of Africa music, weak under Vatican Radio, //5970 audible only to 0359 when wiped out by Radio Nederland - Bonaire s/on (Alexander PA 4/20)
- 6300 **ALGERIA R Nacional Saharaui** (RASD) via Rabouni om SP/AR 2304-0001*, news in SP, phone interview, many IDs, AR mx pgm from 2330, closed w/NA but carrier remained on until 0009, poor to fair but improving to fair by s/off (D'Angelo PA 5/1, Barbour NH 5/9)
- 9485 **TAIWAN R Free Chosun** via Tanshui in KR 130-1359*, orchestral mx, OM talks, radio-drama, fair signal with jamming noted (Howard CA 4/22)
- 9485 **TAIWAN Shiokaze 2 (Sea Breeze)** via Tanshui in EG *1300-1330, ID as "This is Shiokaze Sea Breeze from Tokyo, Japan", stated that they change fqy and time to avoid jamming, mostly fair reception, language rotation seems to be random and if you want to hear English, it is necessary to check every day (Howard CA 5/12)
- 9490 **GERMANY Democratic V of Burma** relay via Wertachtel in Burmese *2328, OC until 2330 when ID and announcements were heard, mostly phone interviews in Burmese, f-g (D'Angelo PA 5/6)
- 9765 **MADAGASCAR Radio V of the People** relay in Vernacular 0402, ID and fqy in EG and Vern with mentions of programming to follow, several ments of Zimbabwe, very good signal (Wood TN 5/11)
- 11530 **MOLDOVA V of Mesopotamia (Denge Mezopotamya)** in Kurdish 1335, exotic local mx, time pips at 1400, news format to 1420, back to mx, fair-poor (Strawman IA 4/22, Hauser OK 4/16)
- 11775 **RUSSIA SW Radio Africa** relay via Moscow in EG/Vernacular 1716, phone interview with YL in Zimbabwe with equal amounts of EG/Vern, news? at 1730, fair at t/in but dropped down quickly and seemed to have a noise jammer (Howard CA 5/1)
- 12035 **UNITED KINGDOM SW Radio Africa** relay via Rampisham in EG 1720-1859*, "Callback" interview pgm, mx, IDs, "Health Beat" feature, good, //11810 (Alexander PA 5/12) in EG *1659-1746, group singing of song "Africa", ID, fqy, website, "Callback" featuring talks with important anti-government Zimbabweans, "Through the Valley", relig pgm, good, //11810 (D'Angelo PA 5/6) in EG 1825-1859, interview w/OM on poor state of Zimbabwe economy, mx, ID, Simon and Garfunkle's "Bridge Over Troubled Waters", fair reception (Taylor WI 4/27) in EG 1715, Richard Allrey's relig program "Through the Valley", YL w/phone interviews (Howard CA 4/22)

Digital Reception

- 9405D FRENCH GUIANA *R Nederland* relay via Montsinery in EG 0224, "Flatlanders" feature, signal only occasionally strong enough to produce audio SNR 8-19 Db (Herr CA 5/13) in EG 0220 with "Euroquest" pgm and "The Research File", exc (Mitchell NC 4/24)
- 9790D CANADA *TDP Radio* relay via Sackville in EG 0040-0059*, "Dance Music" program rather repetitious but in stereo w/very good sound, ID 0031 "Digital SW Radio, TDP Radio", SNR 20-22, no dropouts, excellent reception (Herr CA 4/23)
- 9815D ECUADOR *HCJB* Quito in SP 0343, jazz music program, strong signal, 24 dB S/N for 11.96 kbps which means near perfect reception of low power 4 kw xmtr. (Brandi NJ 5/12)
- 15720D NEW ZEALAND *RNZI* in EG 0405, "Musical Chairs", The Brunettes recorded live at the Kings Arms in Auckland, 16-19 dB S/N on 14.56 kbps xmsn resulting in about 98% audio w/some dropouts but still very listenable until 0430 when condx deteriorated to 15 dB S/N, 90% audio (Brandi 5/12) in EG 0018, only occasional audio SNR 11-15 (Herr CA 5/12) 


Company Store

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Hello everyone. It was another slow month at the Company Store and I have no big announcements to make. It's hard to believe June is here already after a bizarre mixture of spring and winter weather for 6 months. The hottest days around here were in December and the coldest days were in April. There just might be something to that Global Warming Theory.

The winds were especially strong and did some damage to one of my longwires. I'm sure many of you need to repair your antennas as well, so as a reminder we have some great antenna books and reprint articles from Fine Tuning's *Proceedings* in stock. These publications may help you figure out what's the best antenna for your shack.

When you place an order please send to the address in the masthead and not the one on the back cover. Mike's retired now and I don't want him to waste one second of retirement forwarding orders to me.

Peace and Good DX. Jim 

NASWeb

Visit our 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/>.

Canadian members:

Please remember that Canadian dues are now \$31.00 a year because of the postage increase we have just been hit with. We dislike doing this, but there's no alternative.

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Radio Monitoring: the How-to Guide by Skip Arey. Guide for new listeners to MW, HF, VHF and above.	17.95 +4.00 s/h US +7.50 s/h Can.
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