

The **NASA** Journal

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SEPTEMBER 2006



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Kang GURU

Radio English



North American Shortwave Association — America's Shortwave Broadcast Club

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eton E1 XM



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G4000A

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The **eton 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.



The legend of the famous Yacht Boy 400 lives on in this latest model the **Grundig G4000A**. Dollar for dollar no other radio offers this much performance and so many features. Coverage is complete including long wave (144 - 353 kHz), AM band from 1710 kHz and shortwave from 1711 to 30000 kHz. FM stereo is provided to the headphone jack. A thumb wheel knob on the side of the radio provides smooth single sideband (SSB) tuning. The illuminated digital display provides tuning resolution at 1 or 5 kHz on shortwave. Two bandwidths are featured. The narrow position affords maximum selectivity, or the wide position may be chosen for best audio fidelity. This is a useful feature on today's crowded shortwave bands where stations are near each other in frequency. The keypad will quickly get you to any frequency or store up to 40 of your favorite stations in the presets. The presets may be accessed directly or you can scan through them by using the radio's second set of Up/Down buttons. The dual digital clock is visible while the radio is playing. Other refinements include: snooze and sleep buttons, lock, High/Low tone switch, Local/DX switch, and 9/10 kHz MW scan selection. External jacks are provided to earphone (3.5 mm), antenna (3.5 mm) and 9 VDC input. The G4000A comes with: Grundig brand AC adapter, stereo earbuds, wind-up antenna, *Owners Manual*, and upgraded carry case that can be folded to support the radio at an angle. Requires six AA cells (not supplied). The cabinet has a stunning titanium colored finish. 8"Wx5"Hx1.5"D. 1 Lb. 5 oz. (203x127x38 mm). One year limited warranty.

Many receiver parameters such as AM stop, 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 \$10.95) as well as a sturdy angled lucite radio stand (#3873 \$16.95).



AUDIOVOX CNP1000



The E1 comes with an AC adapter or may be operated from four D cells (not included). 13.1" x 7.1" H x 2.3" W Weight: 4lbs. 3oz. We are shipping latest production, high serial number units. Free G4000A for a limited time. **E1 XM Order #0101 \$499.95**

The Eton E1 is XM ready. This means you may purchase the Audiovox CNP1000 XM antenna module at any time. The CNP1000 can be moved from one E1 to another E1, or even to some other compatible electronic products. It has a 25 foot cable. (An optional 50 foot extension cable is also available #0393 \$17.95.)

CNP1000 Order #0401 \$47.95

Note: The XM antenna module CNP1000 and XM subscription are sold separately. Activation and monthly subscription fee required for XM.

G4000A Order #4000 \$149.95

➤ Purchase your Eton E1 from Universal between 06/15/06 and 09/15/06 and receive a **FREE Grundig G4000A** with your order! (Also sold separately. See above.)

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NASA Notes

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

The Danish Shortwave Club International (DSWCI) held its Jubilee Annual General Meeting and DX Camp 2006 on 4-7 May 2006 at Vejers Strand in Denmark. Thirty-three people participated in this event including **Toshi Ohtake** from Japan and **A. J. Janitaschek** of Radio Free Asia. In total, eight different countries sent representatives to this occasion. A comprehensive report is available at the club's excellent website: <http://dswci.org/specials/DSWCI/200606agm.pdf>.

The folks at the *World Radio TV Handbook* (WRTH) have issued another update file for the summer broadcasting season. The schedules are available only by download from the WRTH website: <http://www.wrth.com>. The file is only 48 kb in PDF format; about five pages of useful information.

Adil Mina, Continental Electronics' General Manager, was named chairman of the USA Digital Radio Mondiale (DRM) consortium. He replaces **Jeff White** who stepped down to become president of the National Association of Shortwave Broadcasters. Adil has worked tirelessly to promote DRM in the U.S. and around the world. He has been with Continental Electronics since 1966. Continental Electronics is a founding member of the USA DRM consortium. The group's goals are to encourage the use of DRM and to promote the technology on a regional basis. Of course, none of this matters unless/until useable consumer grade receivers are mass manufactured. I understand that Universal Radio will have one for sale in the coming months just in time for the holiday gift giving season.

Okay, the summer is almost over. It's time to begin planning your DX season by making up a target list of new country and new station

targets. A little planning goes a long way in creating a productive DX session. Now is the time to set some goals for the upcoming DX season such as which awards to shoot for from the club's Awards Program. Before the bad weather happens, this would be the time to check your antennas. You don't want the first snow storm of the season to tell you something isn't working right outside. A little advance planning goes a long way.

There is a lot of new information about the Radio St. Helena Day revival project. Significant progress has been made and it looks like we can expect a broadcast in early November this year. The return of Radio St. Helena to shortwave is a noteworthy accomplishment after all the bad news we have received about broadcasters leaving the shortwave spectrum. Radio St. Helena will broadcast on the familiar frequency of 11092.5 kHz in Upper Side Band on Saturday, 4 November 2006 at: 1800-1930 UTC to New Zealand; 2000-2130 UTC to Japan; 2200-2330 UTC to Europe; and 2330-0100 (Sunday) UTC to North America. Thanks to **Robert Kipp** in Germany and his revival team for making this happen.


In October, the European DX Council will be holding its annual conference in St. Petersburg, Russia. The dates are 19-22 October for those interested in attending. The National Association of Shortwave Broadcasters (NASB) plans to attend for the first time broadening their outreach activities. **Mike Adams** of the Far East Broadcasting Company plans to give conference attendees an introduction to the NASB and **Adrian Peterson** of Adventist World Radio will present "The World's Oldest Radio Cards." The NASB also plans a display of photos, brochures and souvenirs from member stations.

OUR MOTTO IS - "UNITY AND FRIENDSHIP"

We are in the waning days of the summer season but the new DX season is around the corner and the DX should be hot. The club's electronic *Flashsheet* in your hands each week ensures you are 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 results 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 **Ray Bauernhuber**, DXRADIO@webtv.net. While

Ray suffers through computer woes, **Mark Taylor**, markokpik@tds.net, as been acting as the substitute editor. Each week the electronic *Flashsheet* brings a lot of exciting, late breaking DX news and information to our members. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news. This is a service that is only available to our members. Deadlines are posted in the *NASWA Flashsheet* each week. Let's keep Mark busy until Ray returns!

Please remember to direct all communications about subscriptions, bulletin delivery issues, *Labor Day bar-be-cue ideas*, the use of PayPal as a payment method, etc. to **Bill Oliver** at the club's Levittown address or to his electronic address, weoliver@comcast.net. The regular postal address is the familiar 45 Wildflower Road, Levittown, PA 19057. Inquiries 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 (September 1981)

Headquarters noted that *Blandx*, a parody of *Frendx*, was in its second printing. In the *Shortwave Center*, Gerry Dexter wrote "Stasiun Bilong / Papua New Guinea" about DXing this exotic shortwave radio target while Pitt McNeil wrote about "Dropping in on Radio Cusco." In *Vintage Vignettes*, Bill Taylor talked about the McMurdo Silver Masterpieces. In *DX Smorgasbord*, Dan Ferguson wrote about DXing Australia. In his *It Sounds to Me!* column, Al Sizer wrote about taped verifications advising DXers to make a tape collection. In Glenn Hauser's *Listeners' Notebook* column, an extensive list of original research from Tony Jones about Bolivian shortwave stations appeared. In the *QSL Report* column, Sam Barto noted 112 countries reported. In *Update*, Tom Alleman encouraged members to support the column. Ralph Perry substituted for a vacationing Jerry Berg as *Log Report B* editor.

Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Bob Montgomery** (Address: P O Box 1458, Levittown, PA 19058). He will forward them to the appropriate editor. Remember, Bob also distributes QSL report information and totals for the **Scoreboard** column. He can also be reached through the Internet at: **rmonty23@verizon.net**. *Note: this is a new address as of August, 2006!*

Calendar Of Events

- Sep 1-3, 2006 Convention. The National Radio Club and the DX Audio Service** will hold their annual convention at the Best Western in Akron, Ohio on 1-3 September 2006. Room rates are \$68.00 per night. More information to follow.
- Sep 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: dcscskp@aol.com.
- Sep 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: ctcreditor@aol.com. The URL for the BADX guys is <http://www.naswa.net/badx/>
- Sep 16 Meeting. Reading (England) International Radio Group** will hold its next meeting at 2:30 PM in Room 3, Reading International Solidarity Centre, 35-39 London Road, Reading, England. 15 to 20 hobbyists usually attend these meetings which last 2.5 hours. Further information is available from Mike Barraclough mikewb@dircon.co.uk or phone 01462 643899.
- Sep 22-24 Convention. The International Radio Club of America (MW and tropical bands)** will hold its annual convention at the Comfort Inn, 545 Broadway, Seaside, Oregon Sept. 22-24. Registration fee is \$15. Room rates are \$89 a night. For more information contact Pat Martin, PO Box 843, Seaside OR 97138-0843 or mwdxer@webtv.net.
- Oct 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>>
- Oct 19-22, 2006 Convention. European DX Council (EDXC) Conference** in St. Petersburg, Russia on 19-22 October 2006 hosted by Tibor Szilagyi <Tibor.Szilagyi@ovako.com>. It will be held at the State Educational Centre of Russian Atomic Energy Agency ROSATOM in Saint Petersburg, Aerodromnaya street No. 4, 197 348. There is a hotel at the Conference Centre with rooms costing €46.00 / night or \$54.00 / night, including breakfast. If you have questions please do not hesitate to contact Tibor Szilagyi.
- Mar 8-10, 2007 Convention. The 20th Annual Winter SWL Festival**, sponsored by NASWA, will be held at the *Best Western—The Inn at Towamencin*. JThe 20th Annual Winter SWL Festival, sponsored by NASWA, will be held at the Best Western - The Inn at Towamencin on 8th, 9th and 10th March 2007. Join us for this 20th anniversary extravaganza in the DX Mecca. Richard Cuff and John Figliozzi co-chair the organizational committee. Although it is early, you don't want to miss this special FEST event. There are a lot of special arrangements being made for this special occasion. See you there!
- 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!

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

Musings

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

Clem Shemanski, N4CJS <shemanski@attglobal.net>, NC

Thanks to a note in a recent Flashsheet regarding the new Radio Free Asia Marconi QSL card, I tuned to 9355 kHz the next morning and was pleased to pick up RFA's broadcast in Lao from the Marianas Islands as reported in a subsequent Flashsheet. I attempted to submit an online reception report via RFA's website, but encountered some difficulty after clicking "submit" (no online confirmation or acknowledgement). I emailed RFA (A. J. Janitschek) and got a very prompt, friendly reply asking that I re-submit via email which I did and AJ confirmed it back to me. He also offered a tour of RFA's facility if/when I visit the DC area which I thought was very nice. My QSL card arrived promptly but, to my disappointment, the card arrived in bad shape due to mishandling by the USPS. So, reluctantly and apologetically, I emailed AJ back and he happily sent out a replacement. I was very pleased by my experience with RFA and with AJ in particular.

I recently decided to add a small voice recorder to my SW listening equipment. I was looking for something small, preferably digital, which I could easily take with me on my travels along with my pocket-sized Sony SW-07/ Sangean ANT-60 reel antenna. It's been years (!) since I last owned a recorder, so I went looking for information online about SWL and recorders. I was disappointed to find very little online help (relating specifically to recording SW) and equally surprised to not find recorders offered by several amateur/SW radio dealers. Trying to find a BASIC recorder was initially frustrating as many are IPOD, MP3, PC etc. compatible - more features than I wanted or needed. I finally settled on an Olympus VN 2000 (around \$40) which met my criteria: small, digital, lightweight and easy to carry/travel with. I like the fact that all of my entire SW equipment, including separate antenna and recorder, can fit in 3 pockets....well, make that 4 pockets when including the Sony RK-G136 mini-jack connecting cables, hi! The only disadvantage to the small recorder is its tiny speaker, but, overall, it does a decent job and offers some nice features including slower/faster playback, convenient folders and voice activated recording.

73, Clem

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

Radio St. Helena revival schedule. According to Mr. Kipp of Germany who is managing the project, the revival broadcast will be made on November 4. The official information about the "RSH REVIVAL" broadcasts from Radio St. Helena.

RSH will transmit on 11092.5 KHz in Upper Side Band mode on Saturday, 04. November 2006 at: 1800-1930 UTC to New Zealand (via short path); 2000-2130 UTC to JAPAN (via short path); 2200-2330 UTC to Europe; 2330 (Sat.)-0100 (Sunday) UTC to North America.

There will be a new and interesting QSL card for this "Revival" broadcast. It will take several months to process the reception reports, so please be patient. Only reception reports sent by regular mail will be accepted. Email-reports will NOT be accepted. Return postage is absolutely required and is "at least" three IRC's or "Greenstamps". "At least" means that RSH

welcomes donations at any time and in any amount. All reports should be addressed to the Station Manager of RSH. The RSH station manager is a lady: Ms. Laura Lawrence.

The station Shiokaze, Sea Breeze, has been exposed to severe jamming presumably from North Korea. On July 10, one of the programs changed air time and frequency. The new schedule is: from 13:00 to 13:30UTC on 9485 kHz. The other program is unchanged as 20:30 to 21:00UTC on 9785 kHz. 13:00 program is either in Korean, English, Chinese or Japanese. Depending on the day of the week, News in Korean, English and Japanese and reading of the victims' names and personal data in Korean, English, and Chinese are given. 20:30 program is reading of the victims' names and letters and recorded voices by the victims' families, all in Japanese.

Radio Japan plans major reduction in short wave radio. NHK announced on 25th of July, the following plans. 1. Transmissions to North America, Hawaii and Europe (except Russian) will be terminated. 2. Its radio programs in Italian, German, Swedish and Malay will be cut. 3. French programs will be limited to audiences in Africa and those in Spanish restricted to Latin America. 4. Arabian program using satellite will be expanded. 5. Program languages will be reviewed flexibly depending on the circumstances. The shift of its emphasis to television programs for its international services is considered in order to effectively utilize the limited resources. The final plan will be fixed in December, so please WRITE or e-mail to NHK of your comments or complaints NOW. These changes will take effect in the second half of the Fiscal year 2007 starting October next year.

Currently, NHK transmits short-wave radio programs in 22 languages. Please check the following site for the news: <http://search.japantimes.co.jp/cgi-bin/nn20060726a7.html>. The move comes with a decline in demand for short-wave radio programming as the popularity of TV and the Internet grows, according to NHK.

This is all for this month. Wish you good DXing!! Toshi

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

I came across a link on the GPS Information.net website to a company that sells a protective film for the electronic displays on iPods, digital cameras, GPS receivers, and as so forth. It may be of interest to us, especially portable receiver users.

They claim this film was "originally created by the military to protect the leading edges of helicopter blades from wear and tear" and have a couple of videos showing how well it protects. One demo shows someone taking a key and trying to scratch an iPod screen without success.

I've been using the clear plastic that office supply and camera stores sell that you cut to size and then peel off and static stick to a display screen. They are thin and, really, provide minimal protection against scrapes. They come off when wet or it is humid, and I always seem to get bubbles that are impossible to squeeze out. This outfit says this doesn't happen with their film and it comes pre-cut to exactly match the shape and size of a display screen.

Shieldzone.com has more info and a pretty good FAQ, although "how to apply" isn't covered, which seems odd. It takes 24 hours and you don't just peel and stick it on. I wonder if it does apply as easily as they demo. Anyway, check the site map in the More Information box for stuff on "how to apply". It does cover "how to remove", a process similar to removing a sticker from the interior side of a windshield.

I just ordered one for my Garmin handheld GPS receiver for \$10, a bit pricey for what is, essentially, just a 2 x 3 piece of plastic. If it does work as promised, it may be well worth

the money, and I'd likely order it for the display on my Icom IC-R3 along with my shortwave portables. I'll pass along my opinion after I've used the "Shieldzone" product a bit.

Kevin

Robert Kipp <RDC-Roberts-Data@T-Online.de>, Germany

Here is the official information about the "RSD REVIVAL" broadcasts from Radio St. Helena.

RSH will transmit on 11092.5 KHz in Upper Side Band mode on Saturday, 04 November 2006 at: 1800 - 1930 UTC to New Zealand (via short path); 2000 - 2130 UTC to Japan (via short path); 2200 - 2330 UTC to Europe; 2330 (Sat.) - 0100 (Sunday) UTC to North America.

There will be a new and interesting QSL card for this "Revival" broadcast. It will take several months to process the reception reports, so please be patient. Only reception reports sent by regular mail will be accepted. Email-reports will NOT be accepted. Return postage is absolutely required and is "at least" three IRC's or "Greenstamps". "At least" means that RSH welcomes donations at any time and in any amount. All reports should be addressed to the Station Manager of RSH. The RSH station manager is a lady: Ms. Laura Lawrence.

With very best greetings and good DX to everyone, Robert Kipp, Project "Revive Radio St. Helena Day"

Jim Renfrew <jrenfrew@rochester.rr.com>, Byron NY

QSL Information: GOA AIR Panaji 11715 for a reception on May 19, 2006. Signed by Y.K Sharma, Director, Spectrum Management and Synergy.

I sent an e-mail report in April for 11715 Panaji and 11620 Bangalore, was assured that I would a quick response, then nothing. So I tried sending a postal report to AIR in May. Now today, AUG 11, I have 2 QSLs in the mail, one for the Panaji/Bangalore report in April, and the May report for Panaji. They were apparently sent in serial order, because there is a 1163 reference number on the first and 1164 on the second.

So ... postal or e-mail, I get the exact same results! I'm not complaining, because many other reports through the years for specified transmitter sites in India have come back only with the frequency noted.

Anyhow, a new NASWA country, the first since I rededicated myself to improving my verified country stats back in April.

Bob Fraser, 255 Lincolnville Ave., Belfast, ME 04915-7404

Recently, a radio friend reminded me that this coming Christmas Eve will mark the centennial of the World's First Radio Voice Broadcast - done by Reginald Fessenden at Brant Rock, Massachusetts.

Ever since it went on the air, WATD-FM at Marshfield, MA had done a reenactment of this first broadcast every December 24th around mid-afternoon. At times, they have braved a New England winter's day by performing on the site of Fessenden's radio station.

I wonder if anyone knows of any anniversary being planned to make this great event?

73, Bob

Ralph Brandi <ralph@brandi.org>, Middletown, New Jersey

I picked up a new Etón E1 in August. About half of my recent logs were made with that radio, and I can say I heard all of them (except my DRM logs) with the E1, but I don't have the E1 set up to make recordings yet, so anything I want to record, I switched to the 7030. I have to say I'm really impressed with the radio. It's done a creditable job with just about everything I've thrown at it so far. I haven't found anything yet that the 7030 can hear that it won't also hear. The sync detector is hands down the best I've ever used, better than the 2010 or 7030+, which have been the gold standard for me to this point. Only problem with the sync I've found is that it occasionally switches locks between two closely spaced stations (for example Radio Mil on 6010). And I've noticed that in this noisy summer, the E1 emphasizes the sound of static and lightning crashes more than I'm used to on my 7030. I look forward to using the radio in the fall and winter when that's less of a concern.

I'm really impressed with its ability to handle serious antennas, something I was always concerned about with the 2010 (didn't want to blow that dodgy FET). When used in portable mode, it's a decent radio, but give it some wire and it really shines. The user interface is good. It feels comfortable to operate, although I would prefer a slightly larger and heavier tuning dial. I added one of those tuning dimples to it and it helps a little, but I wasn't overly troubled by the lack of one before.

It's interesting to think of this as a portable; I've noticed that it's actually slightly larger than my 7030. :-)

Jim Ronda, Tulsa, OK

Comments on traveling with radios now days: Considering the current problems with trans-Atlantic flying in and out of Heathrow, I will not be taking my E1 to the UK when we make our annual trip in just a few days. I am not about to pack that great radio in my checked luggage and of course I could not carry it on when exiting Heathrow!

Russ Lay <russlay@earthlink.net>, NC

I think some DXers have made this discovery, but here is the official announcement. Please emphasize DXers need to be polite and respectful, especially those sending follow up reports. Thanks. Russ

"Mr. Lay,

The POC information for the QSL cards is as follows: Email: qsl@dodmedia.osd.mil

Address: Naval Media Center Detachment, Defense Media Center, 23755 Z Street, BLDG 2730, Riverside, CA 92518, ATT: Officer In Charge

V/R MCCS (SW/AW) Robert Winkler"

And,

"Russ,

I believe the program has now been officially turned over to our det in Riverside, CA, but Mr. Bill Kohutanycz and Senior Chief Rob Winkler are in better positions to confirm that.

We realize you want to get the POC listings so you can get them published, so this should not be a problem.

I have seen the hard card confirmation responses and they look good.

Sorry for the delayed response, but I've been on the road and out of email contact for the last three weeks.

Cheers, Jeff Valdez"

Joe Buch joseph.buch@dol.net, 31423 Red Mill Dr., Lewes, DE 19958

I read with interest and mostly agree with Bob Padula's musing in the August 2006 Journal concerning whether DRM is going to make it given the total dropouts experienced on multihop HF paths during test broadcasts. At the last NASWA Winterfest I had a chance to observe the experimental transmission from Sackville, New Brunswick beamed to the Fest. This was a single hop but even so, it was subject to frequent dropouts.

Thanks to Dr. Kim Elliott's demo setup, I had a chance to listen to DRM for some extended intervals. When the signal was good, it had the distinctive audio quality of a 1995 vintage Real Audio stream. When it faded, it was gone completely as Bob noted in his musing.

Radio engineers have known for many years that fading can be minimized by the use of circular polarized antennas at either the receiver or the transmitter. Signals refracted by the ionosphere undergo a rotation of the field known as Faraday Rotation. The amount of rotation is strongest at HF frequencies and diminishes as microwave frequencies are approached. When the electric field vector at the receive antenna is aligned with the wire, maximum energy is coupled into the receive antenna. When the electric field vector is at right angles to the wire, the signal can fade 20 dB or more.

I suggest that if the entities that have invested their research dollars in DRM want it to have a chance of success, they should look into circular polarization. It makes no sense for every receiver to have a circularly polarized antenna. The same benefit can be derived for all listeners by just making the transmit antenna circularly polarized.

Tests run decades ago by Granger Associates in California on signals from Radio Havana Cuba in the 17 MHz band showed that the main cause of fading was due to the rotation of the received electric field. They recorded the signal strength from a vertical antenna and a horizontal dipole. The chart clearly showed that when the signal faded on the horizontal wire, the signal peaked on the vertical and vice-versa.

The design of circularly polarized antennas is well understood by radio engineers. The digital whiz kids who invented the DRM technology would be well advised to check out some old analog research. Circular polarization might make the difference between a technological curiosity and a commercially viable medium for reliable transmission of drop-out-free clear digital intercontinental broadcasts.

Joe

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

After reading countless good reports about the performance of the Etón E1 portable receiver, I made the leap and added one to my shack in August. Initial impressions are quite positive but I needed to get it home to give it a serious workout. A hotel just isn't much of a testing laboratory. The synch is a very impressive tool. Even in a hotel environment, the E1 is a worthy communications tool that is worth adding to the receiver line up. It is a very good portable that is also a very good communications receiver. The Etón E1 is a very impressive piece of receiver technology.

We are already doing some preliminary planning for our upcoming DXpeditions. We always manage three DXpeditions to French Creek. The first is usually around the second weekend of November. The second outing is usually around the third weekend of December. Finally, we complete the DXpedition season just before the Super Bowl. This gives us some time to rest before the Winter SWL Festival in March.

QSL returns remain steady after a short dry spell. The Voice of Armenia replied prior to leaving shortwave. I am very happy to receive a QSL from Shiokaze - Sea Breeze which is an interesting station broadcasting the names of missing Japanese to North Korea. Radio Finland's transmission provider, Digita Oy, sent a quick e-mail reply promising a postal response. Another US pirate heard from this time MAC Shortwave. They seem to have dropped the word "shortwave" from their station name recently. Finally, it took almost a year but WHRI in Cyprus Creek, SC verified a report that I sent them for the United Radio Broadcasters of New Orleans transmissions they carried after the devastating hurricane last year.

73, Rich

NACWA Awards

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

New Senior DX Centurion

James T. Pogue of Memphis, TX started DXing in 1964. His earlier QSL is from Deutsche Welle (DMQ11) dated September 23, 1964. He has verifications from Radio Denmark (OZF7) and Radio Mediterranean from Malta. James has also qualified for the following awards: World Wide DXer, DX Centurion, All American DXer, Asian Continental DXer, DXer de Pacifica, Maple Leaf DXer, Master European DXer, South American Continental DXer and Arab World DXer. Congratulations on a job well done.

We have 5 other award winners from around the world to highlight this month:

Steven R. Lare: Holland, MI
220 Endorsement to Master DX Centurion

William P. Brown: Independence, MO
Australia DXer
Maple Leaf DXer
PNG Master DXer
Senior Ecclesiastic DXer

T. R. Rajeesh: Thrissur, Kerala, India
DX Centurion

Angelo Anastasio: Bellizzi, Italy
European Senior DXer

Massimo Uccelli: Sartirana - PV, Italy
World Wide DXer

Let's keep up the good work. These coveted awards will brighten up the walls of your radio shack. Please apply at your earliest convenience. If you have any questions about the awards program please feel free to contact me.

Until next time. 73.



Easy Listening

Richard D. Cuff • 42 North 37th Street • Allentown, PA 18104 • richard@thecuffs.us

September 11th, 2001

With the fifth anniversary of the World Trade Center / Pentagon attacks approaching, expect several special programs assessing the initial aftermath and long-term consequences of the events of the day. As of this writing, the only station who has announced a topical program is the **BBC World Service** (see below), but other broadcasters like **Radio Australia**, **Radio Canada International** and **Radio New Zealand International** will likely be relaying domestically-originated programming reflecting on the date. Expect current affairs programming such as **Radio Netherlands' Newline** and **Deutsche Welle's Newslink** to have special coverage on the anniversary itself.

If you hear of any specials on the "coming attractions" announcements for your favorite broadcasters, please share them with your fellow listeners. You can send them to me, and I'll forward them to the *NASWA Flashsheet* editors; I'll also post them in the *swprograms* e-mail reflector.

Radio Netherlands keep rolling along

Evening shortwave listening has certainly become more difficult in recent years as the BBC World Service, Deutsche Welle and our own Voice of America, which, along with the Voice of Russia, used to dominate the airwaves, have all scaled back or eliminated their use of shortwave to target North America. However, **Radio Netherlands** still remains on the air, targeting North America from its Bonaire relay in the Netherlands Antilles. Day in, day out, Radio Netherlands puts out consistently high-quality programming and makes it available on multiple platforms, including shortwave. Radio Netherlands augments its multiple delivery methods with a recently-improved, easy-to-navigate website that provides plenty

of background text and photos in addition to the most recent edition of each RNW program. The text and photos often have associated audio stories, which is handy, but the text often is a transcript of the audio—meaning you could read a story as easily as listening to it.

Here are some of the unique offerings on the Radio Netherlands schedule. In addition to the shortwave airtimes shown below, you can listen to Radio Netherlands' live English language 24/7 webcast which will likely parallel the various shortwave offerings. Where WRN offerings are shown, these too are webcast live via the WRN website, <http://www.wrn.org>

Vox Humana is a documentary series that focuses on the human condition; sometimes the people are artists, sometimes they're people with unusual backgrounds or poignant stories; the program seeks to "...connect the human voice and the human heart." Recent stories have ranged from the music and life of composer Gustav Mahler to the story of two Canadian brothers: one, and evangelical church pastor, the other, publicly gay, and the story of their conflict and reconciliation. On shortwave, *Vox Humana* airs to North America Saturdays at 1127 (11675 kHz), and Sundays at 0027, 0127 (both 9845 kHz), 0427 (6165 kHz) and 1900 kHz (15315, 17735, 17660 kHz). Sirius listeners can hear *Vox Humana* via WRN Sundays at 0400, 1200 and 2200.

I've mentioned Radio Netherlands' *Documentaries* in the past, and these continue to be excellent examples of the radio craft; their half-hour length allows the presenter to explore topics in great detail, and the subject matter is sufficiently interesting to have a long shelf life, well beyond the week the programs air on shortwave. Recent subjects have included Family Life in China (part of a two-month special series on the family), the trauma of life in Colombia, Walraven van Hall, a financial

organizer for the Dutch resistance in World War II and *A Pair of Plaid Slippers*, which followed the footsteps of a pair of shoes recently bought at a Montreal shoe store back to the factory in Guangdong Province in China where they were made. On shortwave, the documentary airs weekly on Wednesdays at 1127 plus Thursdays at 0027, 0127, and 0427 and Sundays at 1930. You might also find Radio Netherlands documentaries featured on other stations; *A Pair of Plaid Slippers* aired on a recent edition of the CBC's *Sunday Edition*, and the independent documentary producer *Soundprint* regularly airs RNW-produced documentaries. Australia's Radio National-produced *Background Briefing* occasionally airs RNW-produced documentaries as well, and many are also available on the Public Radio Exchange website I've mentioned in prior months, <http://www.prx.org>.

A relatively recent addition to the Radio Netherlands schedule is the weekly panel discussion program *Amsterdam Forum*. This program explores a single subject each week, with a panel of experts responding to questions posed by producer Sarah Johnson. Many of the topics are very meaty subjects—such as the wealthy vs. the war on poverty, and Islam and international terrorism. Once a month, instead of a panel discussion, the program features an extended interview with a prominent public figure, produced by Dutch domestic broadcaster VPRO. Recent interviews included former US Secretary of State Madeline Albright, and Pakistani feminist Riffat Hassan, a woman regarded as one of the pioneers of Islamic feminist theology. *Amsterdam Forum* airs Sundays 1105 and 2005, plus Mondays 0000, 0100, and 0400 kHz. WRN airings include Saturdays 0800 and 1800, plus Mondays 0400.

EuroQuest is Radio Netherlands's weekly European digest, spanning the entire continent and crossing the boundaries of government, art and music, leisure, food and drink, the environment, health, science and technology. Hosted by Jonathan Groubert, who has won several awards in international competition during his years at Radio Netherlands, the program

generally features short, light, 3-9 minute features on various topics in a magazine style. This program serves as a pleasant counterbalance to the weighty issues covered in *Amsterdam Forum*. Shortwave airings include Tuesdays 1127 and Wednesdays 0027, 0127 and 0427. WRN airings include Tuesdays 1230 and 2230. Downloadable program archives dating from November 2005 are available at the EuroQuest blog site, <http://euroquesteuroblog.blogspot.com/>.

Radio Netherlands' program producers eagerly engage in dialogue with listeners, and welcome feedback on their work. You can simply contact letters@rnw.nl and ask them to forward your commentary onto the individual producer.

If you value Radio Netherlands' continuing use of shortwave to North America, make sure you mention that in your correspondence. I'm sure Radio Netherlands, like most international broadcasters, is trying to balance all of its delivery options to maximize the number of listeners it can reach; without an enthusiastic response from North American shortwave listeners, shortwave utilization could be deemphasized in the future.

Radio Australia—a new gem (to me anyway)

It helps when your national language is the same as the language as your international service—your international broadcaster can tap domestic resources for programming of interest to an international audience. I'm sure most of you know that **Radio Australia** takes much of its programming from the domestic Radio National service.

Every few weeks I spend time on the Radio National and Radio Australia website to see if I spot any new programs that I haven't mentioned in prior columns. This month is no exception—I came across a new program, *Rear Vision*, that presents contemporary events and people in their historical context. Quoting from the program's website, "How many times have you listened to news on the radio or watched evening

current affairs and wondered how it came to this, why two groups of people are fighting each other or why and how a particular leader or individual has changed history?" Recent programs have included a history of the United Nations Security Council, the development of international conflict resolution initiatives in the 20th Century, and the history of the Eurotunnel between Britain and France, which is risking bankruptcy. This looks something like the BBC World Service series *Instant Guide* but in much greater depth.

Like most **Radio National** programs, online audio archives are maintained for one month, and these can either be streamed on your computer or downloaded and transferred to an MP3-compatible player. Shortwave airings on Radio Australia include Thursday 1230 (which should propagate reasonably well to North America) and 1600, plus Saturdays 0135. The *Rear Vision* website is <http://www.abc.net.au/rn/rearvision/>.

BBC World Service highlights

Friday, September 8th: As the 5th anniversary of the *World Trade Center / Pentagon* attacks nears, the World Service presents *A Very American Witch Hunt*, a look at some whose fundamental human rights were overlooked in the response immediately following the attacks. Typical rights—such as the right to remain silent and the right to an attorney—were not afforded to many US citizens. Tarek Albasti, a former member of the Egyptian rowing team and a naturalized American citizen, was flown in shackles partly because he had recently qualified for a pilot's license; Nacer Mustafa, born in the US to a Palestinian father, had gone to Mexico for a business trip on September 9th and jailed for two months until his US passport was cleared. The stories of their detentions and others who rights were overlooked in the initial response are reviewed. Air times include Friday 0806, 1106 and 1906 (Europe / live webcast); Friday 0906, 1306 and 2106 (Africa); Friday 1406 and 1906 plus Saturday 0006 (Americas / XM).

Wednesdays, beginning September 20th: A two-part series called *A Brief History of Infinity* takes a look at why people have trouble coming to terms with the concept of infinity. The listener will be taken on a tour of size and quantity—traveling from the idea of Archimedes (counting the grains of sand that would fill the universe) to the latest theories on the physical reality of the infinite. Philosophers and mathematicians have driven themselves mad contemplating the nature of infinity—yet it is a concept routinely used by schoolchildren. The first program is a journey of discovery that stretches from the early origins of numerical concepts, such as zero (not quite as obvious as one might think) to numbers which are too complex for the human mind to handle. The second program travels outside the known universe, and tries to measure whether it has a beginning and end. Bill Bryson describes when man's interest first turned to matters beyond matter. Shortwave airtimes include Wednesdays 0806, 1106, 1906, and 2306 (Europe / live webcast), Wednesdays 0906, 1306, and 2106 plus Thursdays 0006 (Africa), and Wednesdays 1406 and 1906, plus Thursdays 0006 and 0506 (Americas / XM).

Mondays, beginning September 11th: *Forging The Union* is a new four-part series exploring the rationale and development of the European Union—formed out of the desire to avoid the tensions that fomented three wars over the span of two generations. From the early 1950s and the *Coal and Steel Community* up through the current day, the movement towards a single market and single currency is analyzed. Some who were with the heads of during secret negotiations in the late 1960s/early 1970s are interviewed. Shortwave airtimes include Mondays 0806, 1106, 1906 and 2306, plus Saturdays 0906 (Europe / live webcast); Mondays 0906, 1306 and 2106, plus Tuesdays 0006, Sundays 0206 and 1306 (Africa); and Mondays 1406 and 1906, Tuesdays 0006 and 0506 plus Sundays 2206 (Americas / XM).

September topics in *Heart and Soul* include *The Ninety-Nine Names of Allah*, beginning September 4th, which explores the various

names given to Allah in the Koran, and their particular significance to Sufi Muslims. Beginning September 11th, the music of the Russian Orthodox Church and how it was kept alive in the church in the communist era in Upstate New York; the Cathedral of Hope, a church for gay and lesbian worshippers in Dallas, in the middle of the US Bible Belt, beginning September 18th; and, beginning September 18th, the Rosh Hashanah memories of 103-year-old concert pianist Alice Herz Sommer, who spent some of her Jewish holidays in a concentration camp. *Heart and Soul* airs Sundays 0730 and 1730, Mondays 0130 (Europe / live web-cast); Sundays, 0930 and 1330 (Africa); Sundays, 1130, 1530 and 2230 (Americas / XM).

Voice Of Russia: *Our Homeland* Recalls Soviet-Era Thinking

John Figliozzi was recently struck by the tone of one program in the *Voice Of Russia's Our Homeland* series, which John caught on a recent Sunday at 0130 on 9665 kHz:

I was rather surprised to hear the tone of the program which is reminiscent of Radio Moscow in the Cold War years. This putative history documentary gave a decidedly "pro-Soviet" perspective on matters ranging from 1968 Mideast war to the Camp David accords, the Prague Spring and other matters.

One expects to hear a Russian perspective on Russian radio station's series about Russian history—even a sympathetic one to some extent. But the uncritical analysis of Soviet-era politics and the general description of global history in the 60s and 70s characterized mostly by the continuous expression of

strong anti-American and anti-western sentiments were almost jarring. One gets the sense that things are slipping back to the bad old days of East-West relations when one hears this program.

(via swprograms list)

This Is Your Column, Too

What are you listening to these days on shortwave? What do you listen to via podcast / webcast / satellite radio that you used to listen to via shortwave? Are there specific programs on the commercial and religious shortwave broadcasters like WBCQ, WRMI, WHRI and WWCR that you tune into regularly? I would particularly appreciate any input on those stations because I frankly don't listen to any of them regularly, and I don't have any guidance regarding which programs are worthwhile and which are avoidable.

It's increasingly difficult to comprehensively monitor all shortwave developments myself due to other commitments around work, family, and church, so I would sincerely appreciate your impressions on the programming scene. You don't have to necessarily be a good writer to feed me this information; I'll be happy to reformat and edit your input for publication.

Hopefully September's shorter days and the rumored trough in the sunspot cycle bring better listening!

Until next month,

73 DE Richard



WWW Shortwave Listening Guide

Looking for programs to listen to? You can find what programs are on for the current hour or list programs of a desired type on a given day at the **www Shortwave Listening Guide** on NASweb. Almost 4,000 entries have been updated for the current scheduling period. Visit the Guide at <http://www.naswa.net/swlguide/>.



Shortwave Center

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Howdy. Recently there was an interesting dialogue on the ODXA (that other prominent North American radio club) chat board concerning the decline of radio clubs and lack of member participation in pursuits—well, like this one! One result, though was an offer from an ODXA member to offer something he had written for publication here. Knowing a good offer when I see one, I immediately accepted. Our first article this month is the first fruit of that dialogue.

We follow that up this month with some pertinent items likely to be of interest to Journal readers from the Association for International Broadcasting's various summer industry briefings that are sent periodically by e-mail to members. The AIB is the industry association for inter-

national, cross-border television and radio broadcasting.

We follow that up this month with some pertinent items likely to be of interest to Journal readers from the Association for International Broadcasting's various summer industry briefings that are sent periodically by e-mail to members. The AIB is the industry association for international, cross-border television and radio broadcasting.

Finally, there's an interesting piece about NASWA history from the archives of none other than Mr. Jerry Berg, who among other very worthy pursuits heads up the Committee for the Preservation of Radio Verifications (CPRV).

Earths and Grounds

By Blair Batty VE3CZY, Simcoe, ON.

I've noticed some confusion about earths and grounds so would like to offer some thoughts.

1) An **Earth** is not the same thing as a **ground**, though they often are...

An **earth** is an electrical connection with the planet, perhaps to a copper rod pounded into your back yard...

A **ground** (in regard to electronics) is the "common signal return path" (rf, dc, audio, etc). Shields are a mechanical extension of the ground, surrounding what it protects.

For there to be current flow you need a closed loop. In a flashlight, the power flows from the positive of the battery, goes thru the lamp and returns to the battery negative. By convention, in electronics, the flashlight negative return path would be it's

signal ground. In a radio, the power, audio and rf signal returns are typically bonded together as the "ground"; again, for ground loop (noise) reasons.

2) All radios have a ground, they do not need an earth. Hand-held radios work just fine, without a connection to earth., as do radios in airplanes, space ships, UFO's, etc.

3) Why Earths then?

LIGHTNING!!!: In a storm, there is a buildup of electrons in the clouds that want to get to the earth. Radio towers should be "earthed" to provide a safe path.

Utility Power Safety: A typical electrical outlet has three wires: Hot, neutral and ground. (Note that to an electronics person the "Neutral" is actually a ground or return path, and the "ground" is actually an earth...).

Since most people stand on the earth, they typically have a charge on them similar to the earth. The electric utilities figured out that by bonding the Neutral to the earth people wouldn't get a shock from a neutral, reducing the chance of electrocution by 50%.

Then the utilities realized that if they encased electrical connections in a earthed metal box (and sometimes even placed wires inside earthed pipe or armor), and earthed an appliance's metal surfaces, a HOT wire that somehow got loose and exposed would contact one of these earthed surfaces, causing a short that blows the fuse. If the appliance's metal surfaces were not earthed, in a short to a Hot wire, the metal surface would become electrified, until "earthed" thru a person. So the third wire ground (actually earth) is provided for safety.

4) So why **ground** a radio system? You single-point bond all of the signal grounds and shields together to short out ground-loops that cause noise (note: I didn't say anything about earth here).

An "earth" is not a magic septic tank in the soil to dump unwanted radio frequency interference and noise. It simply doesn't work that way. Indeed, an earth is actually a very noisy place, seething with all sorts of signals from everyone else's earths...

5) So why **earth** a radio system? No need, except:

a) The receiver chassis (which is likely bonded to the radio signal ground) is likely earthed thru the "ground" safety wire of the power connection.

b) Your antenna coax shield will (and should) be earthed thru your antenna lightning surge protector. You **do** have one, don't you?

c) Some antenna designs use an earth as a counterpoise.

d) An un-earthed radio ground could float as some potential above earth. Perhaps a leaky capacitor in a transmitter is dumping RF onto the station ground. If that ground (via the audio wire shield) is exposed on a microphone's metal case, a person could get an RF burn from the microphone. (Remember, people are typically at earth potential). Bonding station ground to earth makes the station safer.

e) As you see from a) b) c) and d) you probably already have multiple earths, so possible ground (uh, earth) loops. So it would be best to bond all earths and grounds to a common point to stop ground loops, as well as for safety reasons.

f) For lightning and surge protection. Lightning and surge pulses—whether on the antenna coax, power line or phone line—is simply another form of noise. The best defense is single point grounding, bonded to earth.

Occasionally I'll hear someone say that they installed a ground (actually an earth) and it made things worse. All they are saying is that they did it wrong and caused a ground loop...

So why earth? Lightning, safety and ground loops!

AIB Industry Briefing Items

(from several summer e-mail editions)

China plans to muzzle domestic disaster reporting

A Chinese law imposing fines on media that report emergencies such as riots and

natural disasters without official approval could go into effect by October, the government announced earlier this month. The announcement led to a rights group urging the Beijing government to scrap it with critics saying that the proposed law raised concerns over journalists' right to report on matters of public interest. News organiza-

tions that report on emergencies without authorisation or issue "fraudulent reports" would be fined between EUR5,000 and EUR10,000 under the draft law, the official Xinhua News Agency said. The legislation defines emergencies as industrial accidents, natural disasters, health and public security crisis. The draft law has been discussed by Chinese legislators in the first of three planned legislative hearings. Xinhua quoted an official with the Legislative Office under the State Council as saying the draft law, which has been under revision since 2003, was "not aimed at controlling the media." Instead, the official suggested, "the focus is on banning the release of false or bias news reports."

New newsroom for Radio Netherlands

Radio Netherlands Worldwide, the Dutch International Service and AIB Member, opened its new-look newsroom - the largest foreign newsroom in the Netherlands - on 19 June. The official opening was performed by Jan Hoekema, Director and Ambassador and for International Cultural Cooperation at the Dutch Foreign Ministry who stressed the importance of Radio Netherlands in delivering information to countries where press freedom is restricted.

The re-designed newsroom reflects the new policy of "one station, one sound." Whereas previously the working space was divided into clusters for different language services whose staff worked independently of the others, the new design is more open-plan and is based around a large, central desk, which is used for the planning and coordination of news broadcasts in nine languages. Material and ideas will be shared across the different languages, and there will be more consistency in the way major stories are covered. The refurbishment of the newsroom was carried out in just 10 days. Around 150 journalists had to be moved to temporary accommodation while the work took place, and regular broadcasts and Internet services were maintained. Apart from a new layout, furnishings and carpeting, the IT depart-

ment has replaced all the computer workstations in the newsroom and throughout the Radio Netherlands Worldwide building. The old computers, about 500 in total, will be passed to Dutch NGO's that can use them in projects abroad.

Radio Netherlands Worldwide Director-General Jan Hoek says of the new-look newsroom "It's not only a striking symbol of the beating journalistic heart of our organisation, but also a milestone in its revitalisation and the introduction of the new working procedures."

RFE/RL to have new broadcasting centre in Prague

The move of US-funded international broadcaster Radio Free Europe/Radio Liberty from the former Czech Parliament Building in central Prague to a new site has been approved. It is understood that funding has been approved for the construction of a new state-of-the-art broadcasting centre for RFE/RL's radio and television operations which are to be located in the Prague 10 district of Hagibor. Construction of the new building will be carried out by the Orco Property Group and it is expected that the building will be ready for occupation during late 2007. (www.rferl.org)

Satellite radio for Europe gets closer

Subscription satellite radio services, similar to those offered by Sirius and XM in North America, have come a step closer with the agreement of Italy's telecoms authorities to licence terrestrial repeaters to augment WorldSpace satellite transmissions. The US-based satellite radio company has said it's signed an agreement with Sodielec, a French company specialising in transmission solutions, to develop terrestrial repeater prototypes that will enable WorldSpace to expand its satellite radio and data services to cars and other vehicles across Western Europe, beginning in Italy.

Sodielec was selected through an RFP process that included corporations from around the world. WorldSpace expects to evaluate the Sodielec prototypes in Q4 2006 with production and deployment slated for 2007, when it expects to launch Europe's first digital satellite radio and data service for both portable and vehicle-based devices.

"This agreement represents a key component of the execution of WorldSpace's commitment to our European business objectives by extending the unique, personal experience already enjoyed by consumers in India, Africa and the Middle East, to Italy and the rest of Western Europe," said Alexander P. Brown, co-chief operating officer, WorldSpace. (www.worldspace.com)

Alhurra launches in Europe

The US-based Alhurra television channel has launched in Europe, available on Eutelsat's Hotbird 3. Broadcasting in Arabic, Alhurra's European feed offers viewers the same news and information that can be seen by audiences throughout the Middle East. Joaquin Blaya, Chairman of the Broadcasting Board of Governor's (BBG) Middle East Committee, said: "We are very excited about bringing Alhurra's brand of comprehensive and accurate news and information to Arabic speakers throughout Europe. This is a very important audience who should have an alternative to the current main sources of Arabic-language TV news in Europe: Al-Jazeera and Al-Arabiya. This is not a sprint, but a marathon as we continue to grow and become a voice of objective news to Arabic speaking viewers in the Middle East and Europe." Alhurra—and its sister radio operation, Radio Sawa—and the Broadcasting Board of Governors are Members of the AIB.

Iran clamps down on dishes

Iran's law enforcement agencies are taking steps against the increasing number of satellite dishes being used across the country.

A report in the Iranian newspaper, Aftab-e Yazd, says that visible dishes will be confiscated—many are apparently put out of windows and can be clearly seen. Satellite equipment is not legal in Iran although householders have increasingly installed equipment to receive programming from outside the country. Until recently, the authorities had turned a blind eye to satellite dishes. Separately, Iran's state broadcaster is believed to be about to embark on a major refitting campaign for much of its radio and TV infrastructure and is looking at launching an English-language TV channel.

China's internet use grows

The China Internet Network Information Centre has announced that the number of Internet users in the People's Republic has risen to 123 million at the end of June, up from 103 million a year earlier. Broadband subscribers are claimed to be 77 million, some two-thirds of the total Internet population in China. Restrictions on access to websites outside the country continue to be rigorously enforced. Last month, Amnesty International released a report concerning the role of Yahoo!, Microsoft and Google in what it calls "internet repression".

France plans digital switch-off timetable

The French move to digital TV starts in 2007 and will be complete by 2011. That's the news in the country following the government's approval of a bill covering digital migration and brings France all but in line with the UK where a similar timetable has been set out. However it is not all plain sailing as major players who are leading the move to digital TV are being given additional channels as a reward for making the change happen. Unfair, say smaller channels that don't have the resources of large companies such as Canal+ and M6 to promote digital TV on a major scale.

HD Radio pushes "it's free" message

HD Radio in the US is receiving a major on-air promotional boost through the HD Radio Alliance, a cross-industry body that's been established to develop HD Radio as a major consumer proposition. Commercials are running on the analogue stations that are running HD Radio services, pushing the merits of high-quality sound and the availability of additional "stations between the stations". In a swipe at Sirius and XM, many of the HD Radio commercials stress that there's no cost involved - except, of course, the new receivers consumers will need to buy!

UN and Fox benefit from monitoring

Unlikely bed-fellows, perhaps, but both the United Nations and Fox Television have signed contracts with AIB Member Teletrax for media monitoring. The UN has a radio and TV department that produces content for broadcasters around the world. It wants to know who's using which content and for how long, and has turned to London-based Teletrax for the solution. An invisible watermark will be added to all UN TV content that Teletrax's global network of monitoring stations will be able to see and report back on usage to UN headquarters in New York.

Similarly Fox Television wants to know how much use of its promotional material affiliate stations are using. It's selected Teletrax to embed a watermark in all trails and promos and report back on the number of spots used and their times and duration.

NHK to cut international radio services

As the AIB forecast earlier this year, NHK is to cut its international radio operations and move additional resources into its global television channel, NHK World. German, Italian, Malay and Swedish language services will close in October 2007, reducing the number of foreign language

radio services to 18. At the same time, short wave radio services will be cut to Europe and North America. NHK says that it will also use some of the savings to improve its English-language service.

More organisations join the AIB

The AIB's membership continues to grow - the latest organisations to join are ABC Radio Australia and Middle East Broadcasting Networks (which runs Alhurra and Radio Sawa). AIB Members benefit from an immense range of activities that the organisation provides throughout the year including, for example, market intelligence briefings, tender information, networking, lobbying and promotion. Later this month, the AIB is holding a private dinner in conjunction with AIB Member Deutsche Welle during the Berlin MedienForum where AIB Members will be able to meet specially-invited guests from the media, regulators and the world of politics for off-the-record discussions and networking. That's just one of the regional events that the AIB organises to bring Members together and to provide the opportunity to meet opinion-formers in the media.

Radio Netherlands Worldwide searches for the 'new' Rembrandt

As part of the celebrations marking the 400th anniversary of the birth of Dutch master Rembrandt van Rijn, AIB Member Radio Netherlands Worldwide (RNW) has launched an international competition under the title 'Inspired by Rembrandt'. Artists around the globe are invited to submit their entries via the official website <http://rembrandt.rnw.nl>. They will compete for a place in a special workshop at the Rietveld Academy in Amsterdam, a leading Dutch art institute. The best submissions will be shown at an exhibition in the Netherlands.

Artists can enter their paintings or photographs until 30 September 2006. A jury

of experts will then select 10 semi-finalists, whose entries will be posted on <http://rembrandt.rnw.nl>. A voting form on the website will allow the general public to pick the winning piece of art from 15 October to 30 November.

Celebrations marking the 400th anniversary of Rembrandt's birth are being held in the Netherlands throughout the 2006. In its capacity as an ambassador of Dutch culture, Radio Netherlands Worldwide is providing an international multimedia platform for this 'Rembrandt Year' through radio, television and the internet. Earlier this year Radio Netherlands Worldwide released the radio drama 'The Edges of the Night Watch' in Dutch, English, Spanish, Indonesian, French and Italian.

There is much more about Rembrandt on

the website at www.radionetherlands.nl/specialseries/rembrandt2006/.

Australian international TV rebrands

Australia Channel is the new name for ABC Asia Pacific, the ABC's international TV channel targeting viewers in the region. Operated under contract from the Australian government, Australia Network draws on an inventory of programming available from both the Australian Broadcasting Corporation and Australian commercial television networks and independent production houses from around the world. The name change - which took effect on 7 August - will also see the channel providing three separate streams to cater for time differences across the region.

Sterling Pike, Lost and Found

by Jerry Berg
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jsberg@rcn.com

Even long time NASWA members will be forgiven for drawing a blank on: who was Sterling Pike? The answer: He was the first president of NASWA, and until recently virtually nothing was known about him. Now, thanks to information from Ted Rowe of St. John's, Newfoundland, who is writing a book on the history of Heart's Content, Newfoundland, we know a good deal about our founding father.

The first NASWA bulletin, a one-pager, appears to have been issued in September 1961. (The correct acronym was "NASA" until November 1966 when it was changed in order to avoid any confusion with that "other" organization.) Unfortunately, the first three issues of the NASWA club bulletin, which might have shed some light on Pike, are lost to history. The oldest surviving issue is #4, March 1, 1962, by which time Pike's name is crossed out on the masthead, Richard D. Roll of Hamburg, New York by then having taken over as president. However, a non-alphabet-

ized list of the club's 44 members in issue #5 shows Sterling D. Pike as member No. 1.

In later years Pike preferred the name David Sterling Pike. He was born on January 21, 1942, making him 19 years old when the club was formed. He was a native of Carbonear, Newfoundland, and an employee of the Western Union cable station in Heart's Content, site of the landing of the first successful Atlantic cable in 1866. For more on the Heart's Content cable station, see www.atlantic-cable.com The station closed in July 1965, and Ted Rowe's research reveals that Pike had been one of the last employees hired.

The Heart's Content personnel were transferred to the United States and required to take out U.S. citizenship, whereupon Pike, the only single man in the group, managed to get himself drafted into the U.S. army. He finished basic training and returned home. When called up for duty (it is believed at Fort Monmouth, New Jersey), he got as far as New York before he had a change of heart and decided unilaterally—probably because Vietnam was heating up—that he didn't really want to serve in Uncle Sam's

army. He returned to Newfoundland, where he remained for the next 30-plus years.

Although Pike soon disappeared from the club, his interest in radio continued. Some of his SWL and QSL cards have survived, and copies were provided Rowe by Frank Davis, VO1HP, who knew Pike well from his early days in Carbonear. Pike's SWL card carries the "call" VO1RAM, seemingly self-assigned "call

A bit more is known about NASWA vice-president and treasurer Richard D. Roll, who lived in Hamburg, New York. Roll, WPE2ALE, was featured in Hank Bennett's "Short-Wave Report" column in the December 1960 issue of *Popular Electronics* (p. 80), at which time Roll was 17 years old. He was a member of the NNRC, the Universal Radio DX Club, and "The DXer" (which is a new one on me). He was using a Hallicrafters SX-110, having graduated from an S-107. He had 42 QSLs, the most prized being from Radio Peking and the Windward Islands Broadcasting Service. He listened to SWBC and utility stations.

Thanks to Ted Rowe for sharing this information with us. It all goes to prove that "large DX oaks from little DX acorns grow." If you want to know more about the history of NASWA, the club's history through 1981 can be found in three places: (1) Don Jensen's three part series on the subject appeared in the *FRENDX* "Shortwave Center" column for June, August and November of 1981; (2) Richard A. D'Angelo, "An Early History of NASWA," *NASWA Journal*,

HEART'S CONTENT, NEWFOUNDLAND, CANADA

CDXC VO1RAM ARRL

NASA

Radio ~~XXXXXX~~ VO1PE1A1 ~~City~~ ~~XXXX~~ ~~NO~~

U.S. Sign It ~~5-9-9~~ T 9 ~~no.~~ ~~Mail~~ ~~Meter~~ Band. AM-CW SSB

At 1940-EST June 15 1962 Rev. HQ-100C

Bucket of ~~Ikial~~ ~~Gotham~~ V-160 ~~Remarks~~ ~~always glad~~

to help u out. ~~OK~~ ~~Vry~~ ~~best~~ ~~of~~ ~~UV~~ ~~to~~ ~~u.~~

Board ~~OK~~ Tnx *Sterling D. Pike* 73, STERLING D. PIKE.

letters" (at the time, hams were assigned two letter suffixes, none even close to "R"). Perhaps they represented the words Radio Amateur. The card also carried references to NASA, as well as the ARRL and the CDXC. (The Canadian DX Club was the first national level Canadian SWL club, operating from 1961 to 1968.) Ted Rowe learned that Pike received his legitimate ham call, VO1EH, in 1963. He was VE1EJ from 1969, and VO1GW from 1981. He also held the WPE call VE1PE1AG.

Pike worked for Eastern Telegraph & Telephone in Nova Scotia. ET&T was a subsidiary of AT&T and operated cables until the cable service was discontinued in 1982. Then he worked for Newfoundland Telephone Co. Ltd., where he was employed until he died on July 23, 1994. He left his mother, a brother, various nieces and nephews and other family members, and through the miracle of the Internet his gravestone can be viewed at <http://www.cs.mun.ca/~dapike/family_history/pike/CemPix/MtPleasant/> (fourth from the last; note the call letters).

P. O. BOX 11, CARBONEAR, NEWFOUNDLAND, CANADA

S O N R A VO1EH ARRL

RADIO AMATEUR STATION


STATION VO1PE1A1 ~~TXN~~ FOR YR ~~FR~~ ~~060~~, YR ~~SIG~~ ~~E~~ ~~S~~ ~~T~~ ~~NO~~

ON ~~NO~~ ~~REC'D~~ ~~MCS~~ ~~METERS~~, CW/AM, AT 1822GMT MAY 6, 1964.

RCVY HQ-100 XMTX ~~XX~~-RO. ANT ~~Gotham~~ POWER INF. 50 WATTS

BAKES ~~HPE~~ ~~WE~~ ~~didn't~~ ~~BRNG~~ ~~YOUR~~ ~~SPEAKER~~ ~~OUT~~ ~~FRANK!~~

~~TXN~~ *Sterling* 73, STERLING PIKE

July 1999, p. 13 (written from material compiled by Don); and (3) Don Jensen, "40 Years of the North American Shortwave Association," *NASWA Journal*, September 2001, p. 13, in which Don updated his earlier work. The 2001 article is also posted at <<http://www.naswa.net/history.html>> 

Adrian Peterson's Diary

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

The BBC Far Eastern Relay Station

About three months ago we presented the lengthy and very interesting story of radio broadcasting on the island of Singapore. That story was complete, except for the story of the BBC, the British Broadcasting Corporation. This is the topic for today's story, the BBC Far Eastern Relay Station.

BBC London Makes Overtures for Singapore Station

Let's go back to the year 1937, and that was the year in which the BBC began to give consideration to establishing a shortwave relay station in Asia. They began to make overtures to the commercially owned radio station, BMBC, the British Malaya Broadcasting Corporation, in Singapore. The intent was to buy this station and then to upgrade it into an international shortwave relay station to carry BBC programming to the growing radio audiences in Asia. These negotiations seemed to move a bit slowly, but considerable progress was made ultimately. A QSL letter received in Australia in 1940 identified the station simply as "Broadcast Station," seeming to indicate that by this time there was some confusion as to the exact status of this station.

In 1939, plans were made to install a 100 kw. shortwave unit at the new transmitter base still under construction at Jurong, near the now famous Jurong Bird Park. The large Marconi transmitter from the Chelmsford factory in England was sent out by ship late in the year 1940, but the ship was torpedoed and sunk en route. Soon afterwards, a 50 kw RCA transmitter was sent out from the United States, but when the equipment was received in Singapore it was discovered that the power transformer was designed for the 110 volt 60 cycle power system in America, not the 240 volt 50 cycle power system in Singapore. At the end of the year 1941, it

was announced that work on the shortwave station at Jurong was almost complete; but, there were no large shortwave transmitters.

Penang Tx Moved to Singapore

In August 1942, ZHJ, the 7½ kw. Marconi transmitter at Penang, was transferred to Singapore and installed at Jurong where it went on the air as "Radio Shonan" with programming beamed to Australia. The last known broadcast as "Shonan Radio" took place on February 3, 1945.

Singapore Station Re-activated

Soon afterwards, radio staff from British radio stations in Delhi India and Colombo Sri Lanka were transferred to Singapore to re-activate the radio station with whatever equipment was still available. This station was then re-opened as BMA, the British Military Administration, in October 1945. It was noted in Australia on four different shortwave channels, and also on medium-wave 1333 kHz.

At this stage, three different organizations were noted on air, each with its own programming, and all using the same facilities. These were BMA British Military Administration, SEAC South East Asia Command, and BFEBs British Far Eastern Broadcasting Station. All three organizations issued QSL cards to verify reception reports. The SEAC usage of the station was concluded at the end of June 1946 and at the same time BMA officially became Radio Malaya, and that of course is a long story for another occasion.

Initially, BFEBs produced its own programming in the older studios located in Cathay Building, but on January 30, they moved into their own studios at Caldecott Hill on Thomson Road. Network programming in area languages was identified in the color

schemes, as Purple and Orange. Off air relays of the BBC in England began five months later.

A total of four shortwave transmitters, 10 kw. units with the model number SWB-11, were shipped from India, and these were installed at Jurong and activated progressively, beginning in January 1946.

In mid 1948 it was announced that the BBC in London would take over the BFEBS station in Singapore as the BBC's first overseas base, and this change in ownership was finalized on August 8.

Big New Station for Malay Peninsula

However, in addition to the BBC developments in Singapore, there were simultaneous developments on the Malay peninsula. The original concept of installing a 100 kw. shortwave transmitter at Jurong was cancelled due to the fact that the new airport was nearby and the tall antenna towers would prove to be a hazard to aircraft maneuvers. In mid 1946 the BBC commissioned a site survey in Johore state, just across from Singapore, for the construction of a massive, high powered, shortwave relay station. Just one year later, a large tract of land near Tebrau was procured, 450 acres of jungle and small rubber plantations.

Plans for this new BBC relay station called for two transmitters at 100 kw. and four at 7½ kw., with a total of twenty antennas. A little more than three years later, the new facility was ready for the installation of the electronic equipment. During the Christmas season in the year 1950, the first 100 kw. transmitter was activated, followed by the second 100 kw. unit just one month later. Subsequently, the four smaller units at 7½ kw. were also installed and activated.

Interim Transfer to Ceylon

During the interim period while the facility at Tebrau was under construction, there was another interesting change of location for this BBC station in Asia. The usage of the shortwave station at Jurong in Singapore

was phased out in 1949 and the facility was granted to Radio Malaya with its headquarters in Singapore.

There was a new British shortwave station recently completed at Ekala in Ceylon and this came on the air as Radio SEAC, South East Asia Command. In April 1949, this station was taken over as a BBC relay station to fill in until the new station at Tebrau was ready for service. Twenty one months later, at the end of the year 1950, the BBC terminated its usage of Radio SEAC in Ceylon and concentrated its relay programming for Asia via the new Tebrau station on the Malay peninsula.

Modernization at BBC Tebrau

Twenty years later after its original construction, a modernization project was implemented at the BBC Tebrau. The four older transmitters at 7½ kw. were removed and four at 250 kw. and four at 100 kw. were installed progressively, beginning in December 1970. At the height of its electronic power, BBC Tebrau was on the air with a total of ten shortwave transmitters, four at 250 kw. and six at 100 kw. The feed lines from the transmitters to the antenna systems were the longest in the world, somewhere around half a mile in length.

Back to Singapore Again

However, another problem for the BBC lay on the horizon. Malaysia was now an independent nation and the central government in Kuala Lumpur declined to renew the lease for the BBC Tebrau. Initially, consideration was given to establishing a new station in Brunei on the island of Borneo. When this did not work out, consideration was given to Christmas Island in the Indian Ocean, with the suggestion that Radio Australia join in the project. Ultimately, though, Singapore was chosen, and thus the BBC announced in 1976 that they planned on closing the Tebrau station and relocating again on Singapore island. However, the Malay government did extend the lease for the BBC in Tebrau until the new Singapore station was completed and ready for service.

The new BBC site in Singapore is located at Kranji on the northern edge of Singapore island, and it is only ten direct miles from the previous location at Tebrau in Malaysia. This new station is compacted into just four acres of swampy landfill, and at one stage during early construction, eight hundred truck loads of soil every day were dumped in to raise the land level about three feet. Even so, the main two story transmitter building is built on concrete piles and some of the antenna towers are actually located in the waters of a tidal ocean area.

The BBC Far Eastern Relay Station at Kranji in Singapore now contains nine transmitters, eight of which were transferred from Tebrau; four at 100 kw. and four at 250 kw. An additional 250 kw. transmitter was installed just before the end of the century. There are seventeen towers supporting eighteen antennas for coverage of all major areas of Asia. In February 1978, test broadcasts began from the first transferred transmitter and by June a little more than a year later, all eight transmitters were taken into regular broadcast service. The final broadcast from the BBC Tebrau took place on Sunday March 18, 1979. The doors were closed, and the two old units at 100 kw. were abandoned.

British Forces Station in Singapore

However, before we conclude the Singapore story, there was another shortwave station of interest on this crowded island, and that was BFBS, the British Forces Broadcasting Service. Interestingly, BFBS Singapore was one of the few shortwave stations in our world that evaded public attention in the international radio world for a year or more. This station was launched in 1952 and it was not, shall we say, "discovered," until April in the following year by two international radio monitors in Adelaide, South Australia: Rex Gillett and Jim Paris. The other notable shortwave station that evaded international attention for more than a year was NYAB in Thimpu, Bhutan, many years later.

The original BFBS transmitter was a 7½ kw. Marconi from England and the main fixed channel was 5010 kHz. This unit was installed at the main transmitter base at Jurong and the programming was usually in Nepali and English, though occasionally other languages were heard at times. An FM outlet was added to this station on November 2, 1966 and this transmitter was co-sited with the splendid studio building in the British army base at Tanglin on the edge of Singapore city.

When British army troops moved away five years later, BFBS Singapore was closed, in November 1971. The shortwave transmitter was gifted to Radio Singapore who then programmed it on the same regular channel in the 60 metre band, 5010 kHz, in parallel with their own unit on 5052 kHz. However, the FM unit was re-activated as BFBS by popular demand in time for Christmas. Nevertheless, the station finally went silent in four years later again in 1975 and the FM transmitter was then taken over for the relay of BBC programming and remotely operated from Tebrau. The studio building then was re-furnished and it is in use today as the office for commissioned officers in the Singapore army.

Conclusion

And so that is the saga of British broadcasting in Singapore, a story that occupies nearly seventy years. Many QSL cards have been issued over the years by the BBC for its four different locations, Jurong, Ekala, Tebrau and Kranji; and in fact you can obtain a QSL card even to this day direct from the station in Singapore itself. The BFBS station at Tanglin also issued QSL cards for both their FM and shortwave outlets. You can hear the BBC Far Eastern Relay Station Singapore in almost every country of the world at some time during their broadcast day. You should check the World Radio TV Handbook for scheduling that might be heard in your area.



Listener's Notebook

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

ALBANIA *Radio Tirana* changes:

1800-1815 Serbian 5920, ex-6225

1900-1930 Italian 5920, ex-6225

2030-2200 Albanian 5910, ex-6205

(Ullmar Qvick, Sweden, Aug 7/DX Listening Digest/Hauser-OK)

ANGOLA The company I work for (LBA Group) has sold to *Radio Nacional de Angola* two SW transmitters. Both are 25 kW made by ELCOR. One is single frequency, 4950; the other is a dual frequency, 7245/11955. They are pulse step modulated using a single 4CX23000B in the final. I finished giving the customer training on Jul 20 and it appears the antennas are going to be dipoles. The shipment should be on its way there in the next 30 days. If I can, I will try and find out when they will be on the air and any other useful info. (Glenn Swiderski, LBA Group, NC/DX Listening Digest/Hauser-OK)

4950 *Radio Nacional de Angola* (p), 08/17/06 in Portuguese. As early as 2245 past 2315 with music and talks with M. Never did hear ID but am sure was them. Best signal heard from Angola in years; wonder if this is the new 25-kW transmitter? Still heard 0030 re-check but mixing with another station. (Peruvian? Srinagar?) (Alex Vranes, WV, NASWA Flashsheet/DX Listening Digest/Hauser-OK)

Noted slightly off frequency—4949.97—Aug 25 here in upstate NY, around 2250 with local dance music, live ancr w/ID in Pt 2307, signal steadily improving to sort of peak around 2320, but never to easy-listening levels. [AQ]

ARMENIA The Public Radio of Armenia, also known as "*Voice of Armenia*," has announced that at the end of October it will close down its emissions on short wave for foreign countries. At present, the station can be heard daily [in English] from 1910 to 1930 on 4810 and 9960. By the way, in Gavar, Armenia is located one of the world's largest radio centers with powerful transmitters relaying programs of Voice of America, Voice of Russia, Transworld Radio and others (Pankov in R Bulgaria DX Program, Jul 28, via John Norfolk/DX Listening Digest/Hauser-OK)

BOLIVIA 4844.9 *Radio Norteno* (t), 0146-0200*, Aug. 1, Spanish, Re-activated?? Spanish ballads and EZL music. Brief announcer at 0155 followed by a barely audible, tentative canned ID. Lengthy martial

chorus/music (NA?) until 0200*. Fair with occasional data bursts (Scott R. Barbour, Jr., NH/DX Listening Digest/Hauser-OK)

6037.7 *Radio Difusora Tropico* (p), Villa Tunari, 2321-2330, August 02, Spanish, short talks by M & F about national actuality and Cochabamba department actuality. Report from Cochabamba city. (Arnaldo Slaen-ARG, condig list/DX Listening Digest/Hauser-OK)

The government of Bolivia announces the implementation of a new national and international radio network—*Red Radio Patria Nueva*, which transmits in FM, AM and on shortwave. The network connects 30 transmitters in different points of the country. In La Paz, the state radio will continue with the name *Radio Illimani*, whereas for the rest of the country, the network assumes the name *Radio Patria Nueva*. Until now the first four transmitters has been installed in Orinoca (Oruro) on 1030am, Independence (Cochabamba) 3 Kw on 1050am, Riberalta (Beni) and Sabaya (Oruro). Next will be the transmitters in Tarabuco and Mojocoya (Chuquisaca) and later in Totorá, Lauca (Cochabamba) until completing the network.

In addition to these 30 transmitters, 8 repeaters of Illimani Radio will be part of the new network. *Radio Patria Nueva* transmits in the following frequencies: on 94.1 MHz (La Paz, El Alto, Achacachi and Laza (Sud Yungas), on 94.3 Mhz, FM in Sucre, Cochabamba, Potosí, Tarija, Trinidad, Cobija, Montero and Yacuiba, and on Medium Waves on 1020 KHz, and on Short Waves on 6025 Khz (ex-Radio Illimani), in the international band of 49 meters. ("1000 Lakes DX" blog via Ritola in Dplorer, Aug 19/DSWCI DX-Window/Petersen-DK)

Just listened to their streaming audio (excellent sound quality and beautiful music, Aug 19, 1740) and heard the speaker say "*Red Patria Nueva emite por.../frecuencias,*" also "*Radio Illimani por la Red Patria Nueva*" and "*Red Patria Nueva, La Voz de Bolivia.*" To listen, open <http://abi.bo/index.php?i=patria-nueva> and click on the link on the last line of the page unless you have Winamp installed on your PC. (Klemetz/DSWCI DX-Window/Petersen-DK)

CHINA Local station *Hulunbai Er People's Broadcasting Station* from Hailar was received in Sofia again at 17 hours on the off-band frequency of 3900

kHz with a program in Chinese. The station is also known as Radio Hulun Buir, with a transmitter power of 7.5 kW (Rumen Pankov, R. Bulgaria DX Program Aug 11 via John Norfolk/DX Listening Digest/Hauser-OK)

Some frequency changes for China Radio International:

1000-1057	Chinese	NF 9890 XIA, ex 9740
1030-1127	Indonesian	NF 17605 KUN, ex 11700
1100-1157	Russian	NF 9890 XIA, ex 9740
1400-1457	Russian	NF 9525 SZG, ex 9450
1500-1557	English	NF 9800 JIN 500 kW / 264 deg, ex 9785
1500-1557	Hausa	7170 BKO, ex 0800-0857
1500-1557	Persian	NF 9570 KUN, ex 6165
1600-1657	Arabic	NF 17735 BKO, ex 17880
1600-1757	Arabic	13790 KAS, addit.
1630-1727	Hausa	9620 KAS 500, ex 1830-1857
1630-1727	Hausa	NF 9655 KUN, ex 1830-1857 on 11730
1900-1957	Czech	NF 9760 XIA, ex 7150
1900-1957	Romanian	NF 6090 BEI, ex 6145
1900-1957	Russian	NF 7245 XIA, ex 6100

(DX Mix News, Bulgaria, Aug 15/DX Listening Digest/Hauser-OK)

CLANDESTINE—AFRICA 4880 *SW Radio Africa*, via Meyerton, *1700-1857v*, Jul 25, Aug 06, 07, 08, 09, 11 and 13 starts at 1700 with singing "Africa, Africa...", ann in English, 1730-1800 English pop songs, and since 1800 the program "Hello Zimbabwe" in English with political phone interviews about the situation in Zimbabwe. Clear IDs announcing 4880 kHz were heard at 1825, 1835 and 1845. At times strong QRM in Europe from the supposed spy station "Uniform Lima Xray Two" on same frequency. (Baste, Krone, Petersen, Savolainen, Schulze and Titarev in Dplorer/DSWCI DX-Window/Petersen-DK)

7460.0 *National Radio of the Saharan Arab Democratic Rep.*, Rabouni, Algeria, 0634-0702 Aug 18, Arabic music interspersed with brief news items by OM in Arabic, full ID @ 0700, into news bulletin (Brandi-NJ) 1745-2105, Aug 20 and 21, Spanish, ID: "Radio Nacional de Sahara," Arabic songs interspersed with brief news items in Arabic about Sahara and Maghrib (Morocco), 2100 martial song. Also heard opening *0602-0715 fade out, Aug 21, Arabic ann, Quran recitations, excited Arabic speaker. It has been off shortwave since October 2005, but strongly back now. (Green, Krone and Petersen/DSWCI DX-Window/Petersen-DK)

CONGO—DEMOCRATIC REPUBLIC 6209.66—

Now that Radio Fana is on 6110 kHz in good of traditional 6210 kHz (temporarily or for good?), there is a chance at least to detect the carrier of presumed *Radio Kahuzi* from Congo. Today a weak carrier was

on 6209.66 kHz and it signed off at 1602. That coincides with the observations by Vashek Korinek of RSA when he heard the station (Mauno Ritola, Finland, mwoffsets [sic] Aug 5 via BCX Aug 11/DX Listening Digest/Hauser-OK)

11690, *0400-0415 via South Africa, August 1. *Radio Okapi*, Kinshasa, via Meyerton French news and reports after opening with Congolese music.

11890 1605-1659* AFS, Sunday 30-07, *Radio Okapi*, Kinshasa, via Meyerton, all in French reports from election polls on day of first presidential and parliamentary election in 46 years! 1609 jingle about "Election," 1612 ID best heard in LSB due to strong QRM from 11895 Radio Liberty in Turkmen via Lampertheim (Anker Petersen-DK, via Dario Monferini, playdx/DX Listening Digest/Hauser-OK)

GERMANY Updated A-06 of *Bible Voice Broadcasting Network* via DTK T-Systems:

0000-0200	English	6140-WER Fri
0430-0500	Amharic	13810-NAU Sun
0430-0530	Amharic	13810-NAU Sat
0700-0815	English	5945-JUL Sat
0700-0845	English	5945-JUL Sun
0715-0800	English	5945-JUL Fri
0800-0815	Urdu	5945-JUL Fri
0815-0830	Punjabi	5945-JUL Fri
0900-1015	Arabic	17595-JUL Fri
1400-1500	English	15690-WER Sun
1400-1500	English	15690-WER Sat
1415-1500	Vietnamese	12005-WER Sat
1430-1500	Vietnamese	12005-WER Sun
1500-1530	Bengali	13840-WER Fri
1500-1545	Bengali	13840-WER Sun
1500-1600	English	15680-JUL Sat
1500-1600	Urdu	15680-JUL Tue
1530-1545	Urdu	15680-JUL Wed
1530-1600	English	15680-JUL Mon/Thu
1530-1600	Hindi	13840-WER
1530-1600	Punjabi	15680-JUL Fri
1530-1600	Tigrinya	15775-JUL Wed
1530-1600	Urdu	15680-JUL Sun
1530-1730	English	13590-JUL Sun
1540-1615	English	13590-JUL Mon-Fri
1545-1600	English	15680-JUL Wed
1545-1730	English	13590-JUL Sat
1600-1630	Amharic	13810-JUL Wed
1615-1630	Hebrew	13590-JUL Thu
1615-1630	Hebrew	13590-JUL Tue
1615-1735	Arabic	9430-JUL Mon/Wed/Fri
1630-1645	English	13590-JUL Thu
1630-1645	Tagalog	13590-JUL Tue
1630-1700	Amharic	13810-JUL Daily
1630-1715	Arabic	13580-WER Tue/Fri
1630-1730	Arabic	13580-WER Mon/Wed/Thu
1630-1800	English	9430-JUL Sat/Sun
1645-1700	English	13590-JUL Tue

1700-1715	Russian	13590-JUL Tue
1700-1730	Tigrinya	13810-JUL Mon/Tue/ Fri
1700-1735	Arabic	9430-JUL Tue/Thu
1715-1800	Hebrew	13590-JUL Tue
1730-1745	Tagalog	13590-JUL Sat
1730-1800	Amharic	13810-JUL Mon/Tue/ Fri
1730-1800	English	13590-JUL Fri
1745-1800	Hebrew	13590-JUL Sat
1800-1815	English	13590-JUL Tue
1800-1815	English	11710-JUL Sat
1800-1830	English	6015-JUL Sun
1800-1830	English	13590-JUL Sat
1800-1830	Persian	11710-JUL Wed-Fri
1800-1830	Somali	13810-JUL Sat
1800-1830	Spanish	9435-JUL Sun
1800-1900	English	9430-WER Fri/Sat
1800-1900	Persian	11710-JUL Sun
1800-1900	Somali	13810-JUL Fri/Sun
1800-1915	English	9430-WER Sun
1800-1915	English	6015-JUL Sat
1815-1830	Russian	6015-JUL Mon-Fri
1815-1900	Persian	11710-JUL Sat
1830-1845	Russian	6015-JUL Thu
1830-1900	Russian	6015-JUL Sun
1900-1930	English	6015-JUL Sun
1900-2000	English	9775-WER Sun
1900-2000	English	9775-WER Sat
2000-2015	Arabic	9605-WER Sun
2000-2030	Arabic	9605-WER Thu

(DX Mix News, Bulgaria, July 31 via DXLD)

Pan American Broadcasting (PAB):

1400-1415 15205 NAU, new transmission

CVC International:

1200-1500 English 13830 JUL, cancelled
1500-1700 English 13800 JUL, cancelled

Brother Stair TOM in English:

0900-1100 6110 JUL 100, cancelled
1200-1400 6110 JUL 100, additional

(DX Mix News—Bulgaria)

Frequency change for *Deutsche Welle* in DRM:

1400-1555 NF 15725 SIN, ex 13820

(DX Mix News, Bulgaria)

GUATEMALA 4799.78 *Radio Buenas Nuevas*, San Sebastian, Huehuetenango, 0955-1021, Aug 19, Ranchera music, 0957 full canned ID over music as "Desde San Sebastian, Huehuetenango, Guatemala, Centro America, transmite TGME, Radio Buenas Nuevas en 4800 kilocyclos, banda de 60 metros, y 102.1 frecuencia modulada." TC, and back to music, strong signal after a month off the air. (Valko and Wilkner/DSWCI DX-Window/Petersen-DK)

ETHIOPIA *Radio Ethiopia's* external service is believed to be scheduled as follows; at least I haven't seen any variations to this in recent years, apart from the addition of the Eritrean opposition programme which is believed to be on between 1500-1600; all on 7165v and 9560v

1200-1300	Somali
1300-1400	Afar
1400-1500	Arabic
1500-1600	V. of Dem. Alliance
1600-1700	English
1700-1800	French

The English service can be heard at 1600-1700 on approximately 9560.4, not very strong but bits of programming can be picked out (Tony Rogers, UK, Aug BDXC Communication/DX Listening Digest/Hauser-OK)

As reported earlier in various bulletins, *Radio Fana* moved some time ago from 6210 to 6110. Some days later also 6940 disappeared. On 22 Aug I scanned thru 41 meterband and noted *Radio Fana* on 7210 in parallel with 6110 at 1806. ID at 1811. In fact, *Radio Fana* confirmed by e-mail these, seemingly permanent, frequency changes. (Jari Savolainen-FINLAND/Cumbre DX/Johnson-FL)

6110 *Radio Fana*, 1624 with Horn of Africa songs. At 1630 talks in Amharic or same, language then with a song play. ID heard on 19th at 1600 by M. (Zacharias Liangas-GRC, 18+19/8/DX Listening Digest/Hauser-OK)

INDIA Here are the frequencies dropped/not heard of AIR:

7270 Chennai 0700-1330 1430-1740 (AIR FM Gold)

7275 Chennai 0025-0430 (AIR FM Gold)

7360 Delhi 0700-1330 (AIR FM Gold)

(Kingsway)

9820 Panaji 1300-1500 Sinhala (Sri Lanka)

(Jose Jacob-IND, July 30, dx_india/DX Listening Digest/Hauser-OK)

3223, 3315, 3365, 3390 and 3945 are still going strong. 4760, *AIR Leh*, one Saturday in NW India I heard them opening at 1300. 5050, *AIR Aizawl* not heard evenings. 6000, *AIR Leh*. From a location in NW India, where I could listen just briefly, I noticed it at local noon. [0630 UT]

While touring Eastern Uttar Pradesh and Western Bihar recently, I checked which domestic AIR stations I could receive in full daylight on 6 and 7 MHz. I used my Sony ICF-7600G, only with its 1 m. telescopic antenna:

5985 Ranchi (poor modulation and strong hum)

6020 Shimla

6030 Delhi (Uttaranchal Progr.)
 6040 Jeypore
 6150 Itanagar
 6190 Delhi (Northern Service)
 6195 Lucknow, weak and // 7105 (a spur from either the xmtr or my rcvr)
 7105 Lucknow // 6195
 7115 Port Blair (weak with fading, not heard daily)
 7120 Jaipur
 7130 Shillong
 7140 Hyderabad (often mixing with China Business R or ousted by them)
 7150 Imphal
 7160 Chennai
 7180 Bhopal
 7195 Mumbai (FM Gold Service // Chennai 7270)
 7210 Kolkata (sometimes slightly drifting down)
 7230 Kurseong (opening at 0720, news in E at 0730)
 7240 Mumbai (now and then Lhasa was dominating this channel)
 7250 Gorakhpur
 7270 Chennai (FM Gold Service // Mumbai 7195)
 7290 Thiruvananthapuram (weak and not heard daily)
 7295 Aizawl
 (Maarten Van Delft in India, DSWCI DX Window Aug 9/DX Listening Digest/Hauser-OK)

After Chennai, now it's the turn of **AIR Guwahati** SW transmitter to replace FM Gold programs with External Service. AIR Guwahati 50 kW is observed as follows on 7420:

0130-0230 Nepali
 0230-0245 Hindi News (HS)
 0245-0300 English News (HS)
 0300- Bangla

It was also noted at around 1600-1730 in Bangla.

At 0130-0230 Panaji 250 kW was not heard on 7250 in Nepali.

Mumbai 7195 is also not heard with FM Gold programs. However at my location 6155 is heard with better signals with Urdu External Service at 0015-0430. Must confirm if it's via Mumbai. More details as they come by.

[Later:] Here is the new External Service schedule in UT via AIR Guwahati 50 kW replacing HS FM Gold programs. [all on 7420 as above?? Guess so, short haul even at noon to Nepal]

0130-0230 Nepali
 0230-0245 Hindi
 0245-0300 English HS
 0300-0430 Bangla HS
 0700-0800 Nepali

0800-1100 Bangla
 1215-1330 Tibetan
 1330-1430 Nepali
 1445-1515 Bangla
 1515-1530 Hindi HS
 1530-1600 English HS
 1600-1730 Bangla
 1730-1735 English HS
 1735-1740 Hindi HS

(Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, Aug 10, dx_india/DX Listening Digest/Hauser-OK)

INDONESIA 3345.03 **RRI Ternate** (p) 1244-1305 Aug 23. Vocal selections; M ancr after each song; continued past ToH with no break; tuned out at 1305 as signal was deteriorating; had been fair prior to 1300. (Wilkins-CO/Cumbre DX/Johnson-FL)

3976 **RRI Pontianak** Aug.11 1034-1110 Talk and music in Indonesian.ID at 1054 as Radio Republik Indonesia Pontianak. (Ishizaki Kyoshiro-JPN/Japan Premium)

3987.04 **RRI Manokwari**(p) 1218-1300 Aug 22. Short speeches before a live audience; after each speaker, a W ancr talked briefly with comment or analysis; this ended at 1238, followed by a M ancr briefly, then 18 minutes of AR-sounding music; SCI and Jak program at 1300. Good signal today. (Wilkins-CO/Cumbre DX/Johnson-FL)

3995.04 **RRI Kendari**(p) 1222-1300 Aug 19. Jak relay ended at 1222, then M ancr spoke for a couple of minutes; 1224-1259 lite vocal music with just one brief anmt at 1245; at 1300 M ancr spoke again, followed by about 2 seconds of SCI, then another Jak program. Good signal, much better than usual. (Wilkins-CO/Cumbre DX/Johnson-FL)

7289.86 **RRI Nabire** Aug 16 0817-0828 25342 Indonesian, Jakarta news relay, ID at 0819, Music. (Kouji Hashimoto-JPN/Japan Premium/Iwata Gaku-JPN)

IRAN Updated A-06 for **Voice of Islamic Republic of Iran** (VOIROI/IRIB):

0030-0127	Bengali	5955 7135
0030-0227	Spanish	9655 9905
0100-0227	Tajik	6185 7285
0130-0227**	English	7235 9495
0130-0227	Kazakh	7270 9795
0130-0227	Urdu	7205 9480 9845
0230-0257	Hindi	15165 17635
0230-0257	Uzbek	9740 11945
0230-0327	Pashto	7130 9605
0230-0327	Spanish	9905
0230-0427	Arabic	9685 9935 13790
0300-0327	Armenian	12025
0300-0327	Russian	9650 11925

0300-0627	Dari	11910 13740
0330-0427*	Arabic	9610 11875
0330-0427	Kurdish	7255 11920
0330-0427	Swahili	15265 15340
0330-0527	Azeri	13710
0430-0457	Hebrew	9610 11875
0430-0527	Arabic	9935 13790 13800
0430-0557	Turkish	11685 13640
0500-0527	Russian	9855 11870 17595 17655
0530-0627	Bosnian	13750 15235
0530-0627	Spanish	15530 17785
0530-1427	Arabic	13790 13800 15150
0600-0657	Hausa	17810 17870
0630-0727	Albanian	13810 15235
0630-0727	French	13710 15430
0630-0727	Italian	11555 13770 15085
0730-0827	German	15085 15430
0730-0827	Pashto	11990 15440
0830-0927	Bengali	11705
0830-0927	Swahili	15240 17660
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 13615
1330-1427	Kurdish	5990
1330-1427	Urdu	6000 9665 11695
1430-1457	Dari	9940
1430-1527	Bengali	9520 9810 12090
1430-1527	Hindi	11695 13805
1430-1527	Pashto	7270
1430-1527	Russian	7165 9315 9580 9900
1430-1627	Arabic	15150
1430-1627	Kurdish	5990
1430-1657	Azeri	6200
1500-1557	Uzbek	5945 5955
1530-1627	English	7370 9635
1530-1727	Urdu	7270
1600-1727	Tajik	5945 5955
1600-1727	Turkish	7165 9870
1630-0227	Arabic	9935
1630-1727	Armenian	7230 9780
1630-1727	Pashto	6000 7195
1700-1757	Russian	3985 7175
1730-1757	Urdu	6175 7220
1730-1827	Bosnian	7295 9860
1730-1827	German	7540 11855 15085
1730-1827	Swahili	7165 9655
1800-1857	Russian	6205 7260
1830-1927	Albanian	9545 9570
1830-1927	French	7540 9905 13755 15085
1830-1927	Hausa	9925 11930
1900-1927	Hebrew	3985 5970

1930-1957	Italian	5910 7380
1930-2027	English	6205 7205 7540 9800 9925
1930-2027	Russian	3985 7175
2030-2127	Albanian	9535 11830
2030-2127	Spanish	7300 7540 9650
2100-2127	Japanese	9670 11990
2130-2227	Bosnian	7305 9810
2230-2327	Malay	5945 7310
2330-0027	Chinese	11785 11975 13715

* Voice of Islamic Palestinian Revolution

** Voice of Justice

(DX Mix News, Bulgaria, Aug 7, /DX Listening Digest/Hauser-OK)

ISRAEL Schedule changes coming up at *Israel Radio*: For English broadcasts, the 0330-0345 changes back from summer to winter frequencies on Sept. 1: to NAM/WEU, 7530 and 9345 resume, replacing 13720 and 11590, whilst 17600 continues to Australia, per <http://www.iba.org.il/doc/shortwaves.pdf>

But DST does not end until 30 Sept at 2300 UT per <http://www.timeanddate.com/time/dst2006b.html>

However IBA website says DST lasts to 28 Sept, so we have a two or three day discrepancy. I suppose some Jewish holiday has a bearing on it (Glenn Hauser/DX Listening Digest)

ITALY New schedule of *IRRS-Shortwave* English from July 29:

0700-1200	9310 Sa/Su
1200-1300	15750 Fr <i>Radio Restauration</i> (French)
1230-1300	9310 Su
1300-1330	15750 Su <i>Universal Life</i> (English)
1400-1500	9310 Su <i>Brother Stair</i>
1600-1800	9310 Fr/Su
1800-1900	9310 Su-Fr <i>Brother Stair</i>
1800-1900	9310 Sa
1900-2030	5775 Mo-Th
1900-2200	5775 Fr-Su

(DX Mix News-BUL/DX Listening Digest/Hauser-OK)

KYRGYZSTAN 4010.06 *Kyrgyz Radio* 1st HS program, 1749 17 August 06. Good reception with local talk in presumed Kyrgyz. // to 4795 at same or slightly lower level. Sign-off at 1759* with announcement also in Russian, I believe and into NA. I returned them at 2340 at which time Bishkek is heard at very good levels, while 4795 was only poor to fair. Mostly EZL music and announcements in Kyrgyz. (Salmaniw-UKR/DX Listening Digest/Hauser-OK)

4795 **Bishkek** heard Aug 8 via DX Tuner Sweden on this unusual frequency from 2350 tune to past 0055 with indigenous stringed instruments and man narrator to 0000, opening Kyrgyz instrumental music/woman announcer to 0001 followed by presumed news by woman in Kyrgyz to 0007.5, news feature in Russian with woman announcer and 2 actualities by men to 0013 loss of DX Tuner connection. Returned at 0015.5 with what sounded like continuation of Russian programming. This is a 15 KW transmitter, I believe, (as opposed to 4010 which is 100 KW) and rarely reported in NAm (Bruce W. Churchill-CA-USA, DXplorer Aug 9 via BCDX/DX Listening Digest/Hauser-OK)

LESOTHO *Radio Lesotho* remains inactive on 4800 and presumably the situation is still the same as per Vashek Korinek's report in January 2006 where they needed spare parts for the SW transmitter. However, RL can be heard online at <http://www.leo.co.ls/media2.htm> (Tony Rogers, UK, Aug BDXC Communication/DX Listening Digest/Hauser-OK)

MADAGASCAR New 4999.74, 1825-1835, 28-07, *Radio Nasionaly Malagasy*, Ambohidrano (t), ex 5010 Vernacular talk, music, nothing heard on 5010 or 3287, no carrier after 1900. (Anker Petersen, Denmark, Dario Monferini, playdx yg/DX Listening Digest/Hauser-OK)

MYANMAR 9730.77 *Radio Myanmar* (p). Aug. 5 at 0721-0730*. Local pops and short announcements in English. ID was heard at 0729 as "This is...Myanmar" then music and signed off (Iwao Nagatani, Japan, Japan Premium/DX Listening Digest/Hauser-OK)

NETHERLANDS Additional transmissions for *RNW* Dutch in DRM:

1900-1955 9690 FLE
2000-2055 9480 FLE

(DX Mix News, Bulgaria, July 31/DX Listening Digest/Hauser-OK)

NIGER Considering the logs circulated in DXLD, A-DX and elsewhere it seems likely that *La Voix du Sahel* is back to full schedule 0500-2200/2300, mostly the latter. In Europe, also mid-day reception is not completely unlikely. Signal in the evening is usually stronger now than neighboring Ethiopia. (Thorsten Hallmann-DE, Aug 4/DX Listening Digest/Hauser-OK)

9705.0 measured *La Voix du Sahel* between 1840 and 1855 UT Aug 5, noted Sahel/Saharan singer group. Transmitter is on exact 9705 frequency; no frequency offset today. 73 wb (Wolfgang Buschel/DX Listening Digest/Hauser-OK)

The transmitter had made one of these 'occasional landings' on 9704 again today Aug. 24 when tuned at 0755 after Spain had gone off 9710. Bonaire 9700 was poor strength today so leaving a nice signal in French from Niger until it too suddenly went QRT at 0758. Another suggestion for their use of 9704—could it be deliberately tuned to avoid a heterodyne from Ethiopia? (Noel R. Green-UK/DX Listening Digest/Hauser-OK)

PAPUA NEW GUINEA *Radio Southern Highlands* (3275) is on air again after being off air for nearly seven months. A relieved provincial station manager Andrew Meles speaking from Mendi last week said the station started broadcasting last week after acting provincial administrator William Powi intervened and assured landowners that he would address their grievances.

The station was forced to close on March 3 by disgruntled Longo and Kave land owners outside Mendi town. The landowners demanded a K1 million compensation payment from the provincial government for the land at Kongo at which the transmitters are located. They also held the station in ransom to demand payment for a road maintenance contract carried out in their area which was not honoured by the provincial government.

Mr Meles revealed that while Governor Hami Yawari has given funds to promote Christian radio station Wantok Light, commercial radio station FM 93's reception in Mendi and the installation of EMTV signals, the NBC station has hardly been assisted in any way (The National, PNG, Aug 16/DX Listening Digest/Hauser-OK)

PERU 4755 (ex 4747), *Radio Huanta 2000*, Huanta, 2235-2305, July 30, Spanish, program medicina natural M/W, ads, ID, mixing with R. Imaculada, Campo Grande-MS (Rogildo F. Arago, Bolivia, HCDX/DX Listening Digest/Hauser-OK)

PORTUGAL Updated summer A-06 of *RDP Internacional*, all in Portuguese:

0500-0755	7240 LIS Mo-Fr
0645-0800	11850 SIN Mo-Fr
0700-0955	12000 LIS Sa/Su
0700-0955	15160 LIS Sa/Su
0700-1355	12020 LIS Sa/Su
0800-1200	12020 LIS Mo-Fr
0830-1000	11995 SIN Sa/Su
1000-1200	15575 LIS Mo-Fr
1000-1200	21830 LIS Mo-Fr
1000-1655	21830 LIS Sa/Su
1000-2000	21655 LIS Sa/Su
1200-2000	15560 LIS Sa/Su
1300-1500	15770 LIS Mo-Fr
1400-1955	11905 LIS Sa/Su
1600-1900	11905 LIS Mo-Fr

1600-1900 17680 LIS Mo-Fr
 1600-1900 21655 LIS Mo-Fr
 1700-2000 17680 LIS Sa/Su
 2300-0200 13700 LIS Mo-Fr
 2300-0200 15295 LIS Mo-Fr
 2300-0200 9715 LIS Mo-Fr

(DX Mix News, Bulgaria, July 31/DX Listening Digest/Hauser-OK)

RUSSIA Frequency change for *Voice of Russia* in Russian WS:

1200-1400 NF 12030 IRK, ex 11670

(DX Mix News—Bulgaria)

RWANDA *Radio Rwanda*, Kigali, continues on 6055 with news in English heard daily at 1835 (Victor Goonetilleke, Sri Lanka, Dexplorer 2 July via Aug BDXC Communication via DXLD)

The evening "window" for hearing *Radio Rwanda* clearly on 6055 here in the UK has been extended by half an hour following the closure of R. Slovakia International. Whereas Kigali was previously clear between 2027-2059, it is now clear 1958-2059, after CRI signs off at 1958 until R. Japan signs on at 2059. R. Rwanda itself signs off at 2100 (Tony Rogers, UK, Aug BDXC Communication via DXLD)

Accompanying Spotlight on 6055 shows CRI is Cerrik, Albania, and R. Japan is Skelton, UK. Only other station on during this hour is R. Nikkei 1, Japan itself from 2025 (Glenn Hauser, DX LISTENING DIGEST)

SAINT HELENA *Radio St. Helena* plans to transmit on 11092.5 kHz USB on Saturday, 04 November 2006 at:

1800-1930 to New Zealand (via short path)
 2000-2130 to JAPAN (via short path)
 2200-2330 to Europe
 2330(Sat.) to North America
 0100 (Sun.)

There will be a new and interesting QSL card for this "Revival" broadcast. It will take several months to process the reception reports, so please be patient. Only reception reports sent by regular mail will be accepted. Email-reports will NOT be accepted. Return postage is absolutely required and is "at least" three IRC's or "Greenstamps."

All reports should be addressed to the Station Manager of RSH. Ms. Laura Lawrence. St. Helena South Atlantic Ocean Good DX to one and all!! From: http://www.sthelenase/radioproject/Broadcast_Times_2006.htm

(via Aug Australian DX News/DX Listening Digest/Hauser-OK)

UNITED KINGDOM Updated schedule of *Radio Sea Breeze/Shlokaze* via VT Communications:

1300-1330 Korean 9485 TAI Su/We
 1300-1330 English 9485 TAI Mo/Th
 1300-1330 Japanese 9485 TAI Tu/Fr
 1300-1330 Chinese 9485 TAI Sa
 1900-1930 Japanese 9780 TAI
 2030-2100 Japanese 9785 TAI

(DX Mix News, Bulgaria, July 31/DX Listening Digest/Hauser-OK)

UNITED STATES Some freq changes for *Voice of America*:

1030-1045 Turkish NF 17740[IRA], ex 1030-1100 on 17670 //15205
 1300-1400 Russian NF 15475, ex 15120
 1500-1530 Hausa NF 13750[SAO], ex 13745
 1730-1930 Persian NF 11925[MOR], ex 11740
 1800-2100 English 11975[SAO], deleted
 1830-1900 Turkish 11865[MOR] 15235[MOR], ex 1800-1900
 1930-2000 Serbian NF 9530[BIB], ex 9705
 2030-2100 French NF 15185[SAO], ex 15730 Sa/Su
 2030-2100 Hausa NF 15185[SAO], ex 15730 Mo-Fr
 2100-2200 English 6080[SAO] 15580[MOR] additional transmission

(R BULGARIA DX MIX News, Ivo Ivanov, via wwdxc BC-DX Aug 7/DX Listening Digest/Hauser-OK)

Family Radio changes:

1400-1500 Gujarati 12080 SAM 250 new language
 1600-1700 Portuguese 15445 ASC additional
 1830-1930 French 9845 ASC additional
 2100-2200 Arabic NF 18930 YFR, ex 2000-2100 on 15695

(DX Mix News, Bulgaria)

Updated summer A-06 of *Radio Free Asia* (RFA):

0000-0100 Laotian 12015 15545
 0030-0130 Burmese 13820 13865 17835
 0100-0200 Uighur 9350 11895 11945 17640 17695
 0100-0300 Tibetan 9365 11695 11975 15225 17730
 0300-0600 Mandarin 11705 13670 13760 15130 15685 17615 17880 21690
 0600-0700 Mandarin 11705 13670 13760 15165 15685 17615 17880
 0600-0700 Tibetan 17510 17780 21500 21690
 1100-1200 Laotian 9355 15560
 1100-1200 Tibetan 7470 13830 15510 17855
 1200-1400 Tibetan 7470 11590 13625 13830 15510
 1230-1330 Burmese 9315 9455 13675
 1230-1330 Khmer 13645 15525
 1400-1500 Cantonese 9780 11595

1400-1500	Vietnamese	5855 9310 9455 9715 11605 13680 13775	0630-0730 0700-0800	Pashto& Russian	15615 17685 17815 11815 11855 15280 17730
1500-1600	Mandarin	9455 9905 11765 12025 13675 13725 15495	0730-0830	Dari&	15615 17685 17815
1500-1600	Tibetan	11550 11705 11795 13825	0800-0900	Russian	11855 15280 17730
1500-1700	Korean	7210 9385 13625	0800-1000	Farsi*	15290 15690 17755
1600-1700	Mandarin	9455 9905 11795 12025 13675 13715 15530	0830-0930 0900-1000	Pashto& Russian	15615 17685 17815 11860 15280 17730
1600-1700	Uighur	9350 9370 9555 11750	0930-1030	Dari&	15090 17685 17815
1700-1800	Mandarin	7280 9385 9455 9530 9540 9905 11795 13625 13715	1000-1100 1000-1400	Russian Farsi*	15130 17730 21530 7125 15690 17755
1800-1900	Mandarin	7280 7355 9355 9455 9540 9865 11700 13625 15510	1030-1130 1100-1200	Pashto& Russian	11805 15090 17685 11700 15130 17730 21530
1900-2000	Mandarin	7260 7355 9355 9455 9850 9865 9905 11700 11785 13625 15510	1130-1230 1200-1300	Dari& Kazakh	11805 15090 17685 11520 15120
2000-2100	Mandarin	7260 7355 9355 9455 9850 9905 11700 11740 11785 13625	1200-1300 1230-1330	Russian Pashto&	11700 15130 15205 17730 11550 15090 19010
2100-2200	Mandarin	7105 7355 9850 9910 11740 11935 13625	1330-1430 1400-1500	Dari& Farsi*	11550 15090 9435 13870 17745
2100-2300	Korean	7460 9385 9770 12075	1400-1500	Russian	11725 11875 15130 15195
2200-2300	Cantonese	9355 11785 13865			
2230-2330	Khmer	7520 13740	1400-1500	Tajik	9790 11895
2300-2400	Mandarin	7540 11760 13670 13775 15430 15585	1400-1500 1400-1530	Uzbek Turkmen	13755 15145 15170 15255 15460
2300-2400	Tibetan	7470 7500 9805 9875	1400-1600	Kazakh	7170 9815
2330-0030	Vietnamese	7525 11580 11605 11670 13740 15535 15560	1500-1530 1500-1600	Romanian Farsi*	15380 13870 15170 17745

(DX Mix News, Bulgaria, Aug 15/DX Listening Digest/
Hauser-OK)

Updated summer A-06 of *Radio Free Europe/
Radio Liberty* (RFE/RL):

0000-0100	Kazakh	5945 7200	1500-1600	Tajik	9790 11975
0000-0100	Russian	7120 7175 7220 9520	1500-1600	Tatar	15410
0030-0200	Farsi*	7295 9805 9865	1500-1700	Belorussian	9725 15215
0100-0200	Tajik	9760 13760	1530-1600	Turkmen	15255 15460
0200-0300	Russian	7175 7220 9520 15470	1600-1700	Farsi*	13870 15170 17670
0200-0300	Turkmen	9555 15120	1600-1700	Russian	7220 9520 9565 15130
0200-0400	Farsi*	9775 9805 9865	1600-1700	Tajik	7190 9790
0200-0400	Kazakh	9615 15205	1600-1700	Turkmen	11895 13815
0200-0400	Tajik	9760 15525	1600-1700	Uzbek	7555 9595 12150
0200-0400	Uzbek	12110 15145 15460	1700-1720	Avari	11705 15255
0230-0330	Pashto&	11820 12140 17670	1700-1800	Turkmen	9395 11895
0300-0400	Russian	6105 7175 7220 15470	1700-1900	Belorussian	7195 15215
0300-0400	Tatar	9855	1700-1900	Farsi*	7105 7580 9760
0300-0400	Turkmen	9555 17770	1720-1740	Chechen	11705 15255
0300-0500	Belorussian	7155 9635	1740-1800	Cherkassi	11705 15255
0330-0430	Dari&	11820 15615 17670	1800-1900	Romanian	11985 Mo-Fr
0400-0420	Avari	9845 9855	1900-2000	Farsi*	7105 7580 9505
0400-0500	Russian	6105 7220 9760	1900-2000	Russian	7220 9520 9585
0400-0600	Farsi*	9510 9865 15255	1900-2000	Tatar	9805
0420-0440	Chechen	9845 9855	1900-2100	Belorussian	7115 9750
0430-0530	Pashto&	15615 17815 17670	2000-2130	Farsi*	5830 7580 9505
0440-0500	Cherkassi	9845 9855	2000-2200	Russian	7220 9520
0500-0600	Tatar	11990	2200-2300	Russian	7220 9520 9590
0500-0700	Russian	9520 9760 11815	2300-2400	Russian	7120 7220 9520
0530-0630	Dari&	15615 17670 17815			
0600-0800	Farsi*	9510 15290 17845			

Radio Free Iraq
& Radio Free Afghanistan
* Radio Farda

(DX Mix News—Bulgaria)

UZBEKISTAN Now that *Radio Tashkent* has left shortwave, here is a schedule of what is believed to currently come from Uzbekistan's SW transmitters for the A-06 season:


0030-0045	Bhojpuri	7375 Fr/Sa FEBA R
0030-0045	Bengali	7375 Mo-Th FEBA R
0030-0100	Hindi	7375 Sa FEBA R
0045-0100	Magahi	7375 Th FEBA R
0045-0100	Hindi	7375 We/Fr/Sa FEBA R
0045-0100	Oriya	7375 Tu FEBA R
0045-0100	Chattisgarhi	7375 Mo FEBA R
0100-0300	English	7355 Mo CVC Int.
0100-0400	Hindi	12070 CVC Int.
0100-0130	Hindi	13745 BBC WS
0300-0600	English	13685 CVC Int.
0400-1100	Hindi	13630 CVC Int.
1100-1400	Hindi	13840 CVC Int.
1200-1230	Vietnamese	15385 Sa R. <i>Que Me</i>
1300-1400	Burmese	11520 <i>Family R</i>
1300-1400	Dutch	12065 <i>R Neth</i>
1330-1400	Bengali	9865 BBC WS
1400-1415	Dzongkha	7485 Fr <i>Bible V</i>
1400-1500	Bengali	7510 <i>Family R</i>
1400-1600	English	9345 <i>R Neth</i>
1400-1700	Hindi	9855 CVC Int.
1400-1500	Hindi	9865 BBC WS
1400-1415	Urdu	9530 Sa-We FEBA R
1400-1415	Nepali	9530 Sa FEBA R
1400-1445	Urdu	9530 Th FEBA R
1400-1500	Hindi	9530 Fr FEBA R
1415-1445	Hindi	7485 Th <i>Bible V</i>
1415-1500	Hindi	7485 Fr <i>Bible V</i>
1415-1500	Hindi	9530 Sa-We FEBA R
1430-1450	Hindi	12065 Vatican R
1445-1500	Nepali	7485 Th <i>Bible V</i>
1445-1500	Hindi	9530 Th FEBA R
1450-1510	Tamil	12065 Vatican R
1500-1530	Nepali	7430 BBC WS
1510-1530	Malayalam	12065 Vatican R
1530-1550	English	12065 Vatican R
1700-1800	Persian	5995 RFI
1700-1900	Russian	9495 <i>Family R</i>
1800-1900	Russian	6240 Th <i>Special R</i>

Radio Tashkent International ceased broadcasts on shortwave on 31st December 2005 and went over to an Internet-only service. This was discontinued at the end of March 2006 and station is now completely closed (compiled by Tony Rogers, Aug BDXC Communication/DX Listening Digest/Hauser-OK)

VENEZUELA [non] *Radio Nacional Venezuela* found on a new frequency! 15250, Sat Aug 5 at 2338 with a patriotic song I knew I'd heard before somewhere; pretty weak and was hoping for something more exotic, but then ID with the PO Box they insist on giving, even tho mail keeps getting bounced from it, Apartado 3979, Caracas. Could this be from some other site than Cuba? No, it was // and in synch with 13680, altho it was hard to tell since that frequency was way under CRI via Canada in English. Nothing audible on 11760 or 9550 at this time, and 15230 had a weak mix of RA and RHC in Portuguese, I think (Glenn Hauser, OK/DX Listening Digest/Hauser-OK)

RNV via Cuba, on new 15250 at 2300 Aug 7. Unlike my first and previous log of this, now it's an excellent signal, barely a fade, with excellent modulation. 2258 tune-in to open carrier, 2300 opening, greets listeners as "usuarios y usuarias" (male users and female users); 2303 with E-mail address as internacional @ rnv.gov.ve, web site as http://www.rnv.gov.ve. 2341, Apartado 3979 P-mail address, despite many reports that mail bounces from it. // 13680 was quite strong too, roughly equal level with CRI via Canada, slight SAH as they took turns dominating. Never heard any times or frequencies announced, altho they may have done so before the hour was over (Glenn Hauser, OK/DX Listening Digest/Hauser-OK)

UNIDENTIFIED 6110, reported recently: Heard August 1-3 between 1800/1830 and 1900, but no ID caught, definitely mostly African-French talk, not much music but if, also African, traditional style. Broadcasting times in French given around 1858, thought I heard "Moyabi" in that context on August 1. My guess would be a Congo DR station relayed via Moyabi, or if not, generally Congo area (Thorsten Hallmann, Munster, Germany, http://www.africalist.de.ms Aug 4, DX LISTENING DIGEST)

Hi Glenn, I hear on the frequency 6110 kHz this station??? Talks in French, about Nigeria (Africa) and nice drum music. Time was best from 1810 to 1850 UT 3/8. My best audio on the AOR 7030 with Syc. and pbs. Antenna longwire 100m. Listen to my recording (Maurits Van Driessche from Belgium, Aug 4, DX LISTENING DIGEST) 

Visit the NASWA Loggings Database at www.naswa.net/logs/. It contains loggings from November 1998 to the present.

The Loggings Columns depend on your contributions. Send them in.

Pirate Radio Report

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

Hello and welcome to the September 2006 edition of the *Pirate Radio Report*. It is the time of year that reception conditions will start improve as the static levels decrease. That's the good news. The bad news is that we are at the solar cycle minimum so pirate signals will tend to die out for short to medium distances shortly after sunset due to plummeting MUFs. Long distance reception will still be possible later in the evening.

Laser Hot Hits Closed Down

This news, forwarded to us by Ed Insinger via *Radio Dr. Tim* says that **Laser Hot Hits** was closed down by the government authorities on August 23rd after 12 years of broadcasting. The transmitters, thought to be in Ireland and studios in England were heard with regularity on 6220/6275 kilo-Hertz. LHH RIP!

The Elkhorn Maildrop To Close

Word on the street says that the maildrop operator of the Elkhorn maildrop will close the box by the end of September. Box 69 has been active for over 6 years.

Thankstothe following fine contributors: Alex Vranes-wv, Joe Wood-TN, George Zeller-OH.

MAC Shortwave, logged on 6871 kHz AM from 0035 to 0047 sign off on July 31st. Program of classic rock by the Doors and other groups. Gave the email address of macshortwave@yahoo.com for reports. USA National Anthem by a brass band at close as usual. (Zeller-OH) Look for MAC on 6850 and 6950 kHz as well. They are on quite a lot these days.

Mystery Science Radio, was heard on 6925 kHz USB from 2155-2228 sign off on July 25th with an SIO 454. Just ending a relay of "Purple Nucleus Of Creation", ID by male DJ. Mentions of KIPM, into relay of a "Mother Earth News" radio show before sign off. Address: the soon to be defunct Elkhorn, NE maildrop [Lobdell-MA]

The Crystal Ship, noted on the usual 6876 AM from 0047-0150 UTC+ on July 31st with an SIO of 242. At first a program of American Indian pow wow mx, but then into a program of rock with some anti-Republican remarks. IDs as The Voice of the Blue States Republic as usual. Uses Belfast, but I did not hear it announced. [Zeller-OH]


The International Voice Of Pickle's Worth, noted on 6925 kHz USB from 2303 past 2315 sign off on August 11th. "Hello Radio" testing at first, followed by an ID given three or four times. The whole program consisted of IDs. No address announced. [Zeller-OH]

Radio Stickman was heard on 6925 kHz USB on July 31st from 0004-0029 sign off. Music "Magic Bus" by The Who and "Heart of Gold" by Neil Young. Station ID as Radio Stickman and Radio Stickman Shortwave. Also played audio clips which included Ronzo Reagan and old Winston Cigarette ad ("Winston tastes good, like a cigarette should"). Then at 0027 into possible slow scan TV and off at 0029 UTC. No address given. [Vranes-wv]

WBNY, The Champions of the Rodent Revolution, were noted on 6925.15 USB on 23 July from 0144-0210 Lots of talk and a little music with Commander Bunny. IDs as "WBNY, the Voice of the Rodent Revolution" "World-wide Service of WBNY" and "WBNY, Radio Bunny, Radio Bunny." Gave Belfast address for QSLs and read some reports. Signal about S5 but static crashes terrible, which is why I tuned out @0210. [Vranes-wv]

WMPR, Micro Power Radio, was logged on 6925 kHz on August 21st from 2337 to 2358 UTC with the usual New Age and Techno music [Wood-TN]

WPTR, was logged on 6925 USB on August 20th from 0036-0046 UTC*. Talk of noted pirate DXers living in MI. Several IDs as WTPR and Tire Pressure Radio. Talk of other pirate operators. Fair. [Wood-TN]

Until next month, happy pirate DX! 

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



ALBANIA: Radio Tirana International 6115 verified once again w/ f/d paper "Traditional Peasant Woman in Dress" cd. w/ station sticker in '49 ds. (D'Angelo-PA). Trans World Radio 11865 f/d cd. in 1 mo. w/ note saying that they were praying for me. v/s Kalman Dobos. (Smith-OH).... I wish someone would pray for me. It would help..Sam

ARGENTINA: Radiodifusion Argentina Al Exterior 11710.7 f/d "Logo" cd. w/ hand-

written information on the reverse in 81 ds. Schedule and rpt. forms were rcvd. v/s J.D. Middleton, Head of RAE English Team and Marcella G.R. Campos, RAE's Directora. Mirian Turkula, English Assistant also signed the QSL. (D'Angelo-PA). 11710 f/d cd. w/ schedule and a very nice personal ltr. in 5 mos. for 3 IRCs and a local Christmas cd. I've been trying for more that 10 years for this one! Addr: CC.555 Core Central - C1000WAF, Buenos Aires, Argentina. (Wood-TN).

STATION NOTES: Radio Republica 7160

Cuba Bananera Addr: Directorio Democratico Cubano, P.O. Box 110235, Hialeah, FL 33011 **Radio Tensae** 15660 via **Samara** v/s Mamo. E-mail: tensae.ethiopia@gmail.com. **Salaam Watandar** 17720 Addr: Baharistan, Karti-Parwam, Kabul, Afghanistan. **La Voz de tu Conciencia** 6010 Addr: Calle 44 No. 13-67, Bogota, D.C., Colombia. E-mail: contacto@fuerzadepaz.com. v/s Rafael R. Rodriguez, QSL Manager and Martin Stendal, General Manager. **La Voz del Llano** 6115 v/s Luis F. Rivero, Director.....via PLAY DX.....Sam.



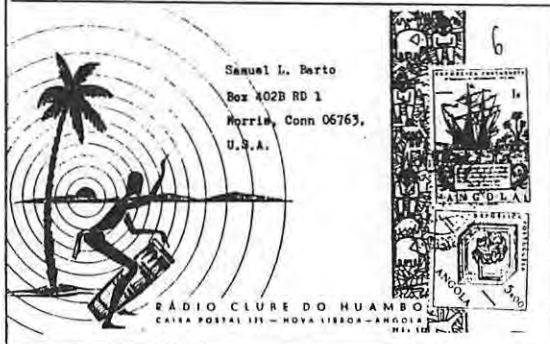
ARMENIA: Radio Yerevan 9965 via Yerevan f/d pink "Logo" cd. in 283 ds. w/ schedule,

personal ltr. and stamps. v/s Armen Amirian. (Humenyk-OVT).

ASCENSION ISLAND: WYER 21680 via **English Bay** f/d cd. in 2 wks. via the Orlando addr (Smith-OH).

AUSTRALIA: HCUB 15390 f/d "Boab Tree" cd. in 3 wks. for an EG rpt. (Smith-OH).

BELARUS: Radio Belarus 7210 verified my f/up rpt. in 67 ds. w/ a f/d handwritten picture postcard. Station information and stickers were rcvd. (D'Angelo-PA).



ADVENTIST WORLD RADIOInternational Postings
Box 28233 Indianapolis, IN 46228
Indiana 46228 USA**ADVENTIST
WORLD RADIO***We are pleased to verify your reception
of our station.*Date JAN 31-06 Time (UTC) 1632Power (KW) 3.00 Frequency (kHz) 953.0Transmitter location SKELTON-ENGLANDSignature ADRIAN M. PETERSON03845 03845 03845
8008MR SCOTT BARBOUR
BOX 893
INTERVALE
NH 03845**CANADA:** DSWCI Program 6145
via Radio Japan rcvd "DSW
CI 50th Anniversary" cd.
in 51 ds. for 1 IRC. v/s
Anker Petersen. (Barbour-NH). Radio Canada International 9515 via Sackville f/d cd, w/ station
pennant in 2 wks. My IRC
was returned. v/s Bill
Westenhaver. (Smith-OH).**CZECH REPUBLIC:** Radio Prague
7345 f/d "Josef Bozek" cd.
in 2 wks. (Smith-OH).**DJIBOUTI:** Radio Djibouti
* 4780 f/d ltr. w/ a very
beautiful station sticker
in 9 mos. for a FR rpt.
(Price-PA).**GERMANY:** The Overcomer Ministry 13810 via Julich f/d ltr. in 2 mos. v/s Walter Brod-
owsky. (Smith-OH). Deutsche Welle 9825 f/d "FIFA World Cup - Germany 2006" cd. in
43 ds. (Barbour-NH).**Q. S. L. Card⁶**

Estación Educativa Evangélica "RADIO VERDAD"

Apartado 5, Chiquimula, Guatemala, C. A.

4.9525 Mhz. Banda 75 Mhz. Desde el Monte Horeb y el Cero de la Gloria.
"Y conocerá la Verdad, y la Verdad os hará libres." - Juan 5:32.

via Wood

**GUATEMALA:** Radio Verdad 4052 f/d ltr.
w/ cd. in 3 wks. Station pennant and
bible literature was rcvd. v/s Dr.
Edgar Amicar Madrid. (Smith-OH).**HAWAII:** KMHR World Harvest Radio 17655
via Naalehu f/d "Antenna Site locat-
ed near South Point" cd. in 36 ds.
v/s L.W. Vehorn. (Humeny-KONT).**EUROPEAN RUSSIA:** WYFR 9490 via MOSCOW
f/d "Three Decades" cd. in 2 wks.**MEMBERS NOTES:** Alex Vranes, Jr.
of Harpers Ferry, WV reports
that he has recently obtained
a new FRG-100 receiver. He has
noticed that All India Radio
is starting to reply..Actuallythey are getting quite good at it...Sam. Todd Myers of Denver, CO says
that he has reported to about a dozen US religious broadcasters in the
hopes of obtaining the Ecclesiastical NASWA Certificate. So far no re-
plies!...Try putting a contribution in with the report...Sam. Hi.**EVANGELISCHE MISSIONS-GEMEINDEN IN DEUTSCHLAND**

Jahnstraße 9 • D-89182 Bernstadt • Telefon 073 48/94 80 26 • Telefax 073 48/94 80 27

Mr. Richard A. D'Angelo
2216 Bunkey Drive
Wyncosting, PA 19610
U.S.A.

Bernstadt, 16 September 2003

Dear Sir,

We have received your letter with the report of your reception of our radio-program. Thank you very
much for it, in special for the details you have given about the quality of reception. It is interesting for us
to know, how the program is heard in the different parts of the world.We confirm your reception of Evangelische Missions-Gemeinden through the facilities of T-Systems
transmitter at Wertachtal, Germany, on 10 September 2003 from 2203 UTC or on 11 September 2003
from 0003 to 0030 our local time on the frequency of 9,860 kHz.To this letter we add a Journal "Missionsbote" of our mission and one of our American partner, "The
Evangelical Church" which is "The Evangelical Challenge" - for your information.Finally we send greetings with the 23rd Psalm and wish you and your family God's blessing.

Please excuse the mistakes because of our poor English.

With very much thanks for all your interest

via the Oakland addr.
(Smith-OH).**PAPUA NEW GUINEA:** Wantok
Radio Light 7120 f/d cd.
w/ ltr. in 5 wks. v/s
Sarah Good. (Smith-OH).**PHILIPPINES:** Radio Pilipin-
as 11730 p/d cd. w/
sticker, schedule and a
personal ltr. in 478 ds.
v/s Tammy V. Rodriguez,
Station Manager. (Bar-
bour-NH).**RWANDA:** Deutsche Welle 9695
f/d "FIFA 2006 in Deut-
schland" cd. w/ site in
43 ds. (Barbour-NH).**SOUTH AFRICA:** WYFR 6045 via
Meyerton f/d cd. in 2
wks. via the Oakland
addr. (Smith-OH).**TAIWAN (Clandestine):** Shio-
* kaze f/d "Rescue COMJAN"
cd. w/ handwritten date,

Scoreboard

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

This month we are highlighting our members' totals from Africa. This is your chance to show everyone how well you are doing. The next deadline is November 15th for the December 2006 issue of the *Journal*. The spotlight will be on South America.

Name, State	Total		Africa		Best Africa QSL
	c/H	c/V	c/H	c/V	
Don Jensen, WI	245	241	66	65	R. Barlavento, Cape Verde Is.
Marlin Field, MI	244	244	66	66	Kenya (250 w.)
Jerry Berg, MA	244	244	64	64	R. Clube Tenerife, Canary Is. (250w.)
Tom Williamson, ON	243	230	65	61	ZNB Mafeking, Bechuanaland
John Sgrulletta, NY	240	240			
Steven R. Lare, MI	236	220	62	51	Mauritius
Harold Cones, VA	234	232	64	64	R. Reunion
Dan Robinson, MD	230	196	62	58	Renunion
Rich D'Angelo, PA	225	223	58	57	R. Mogadishu, Italian Somaliland
Chris Lobdell, MA	224	221	62	61	Zanzibar
Sheryl Paszkiewicz, WI	224	219	59	59	Guinea
Jerry Klinck, NY	220	202			
Paul Buer, FL	218	207	60	54	La Voz de la Isla de la Palma (350 w.)
Christos Rigas, IL	217	198	56	46	R. St. Helena
Ron Howard, CA	212	200	57	52	R. Cidade
Jim Evans, TN	210	200	57	56	R. Leopoldville, Congo - 1962
Jerry Johnston, KY	209	139	58	28	R. St. Helena
George Maroti, NY	206	199	53	50	R. Hargeysa
Stephen Price, VA	193	174	52	41	R. Tunisia
Ross Comeau, MA	193	172	52	40	R. Tanzania - Zanzibar
Allan R. Loudell	192	167	50	37	R. Lesotho
James R. Renfrew, NY	189	161	50	33	R. St. Helena
Gary W. Froemming, AZ	184	44	51	8	ZUD Time Station (S. Africa)
Bob Raymond, NH	175	150			
Mark Humenyk, ON	169	148	44	34	Channel Africa
Scott R. Barbour, NH	164	110	40	19	R. Lomé, Togo
George L. Glotzbach, MN	154	136	30	25	R. Lomé, Togo
Paul Brouillette, IL	148	121	39	21	R. Mozambique
Scott C. Newman, IN	148	113	37	25	R. Omdurman
Richard Bradley, MA	145	130			
Dan Srebnick, NJ	145	111			
Jilly Dybka, TN	145	108	34	21	R. Nacional Angola
David Turnick, PA	144	124	29	25	Zimbabwe Broadcasting Corp.
Edward G. Stroh, IL	135	104	30	18	R. Mogadishu, Somalia
Gary R. Neal, KS	134	125	25	22	R. St. Helena
John Mosman, WI	120	120	27	27	W. Nigeria Broadcasting Corp.
Bill Smith, MA	119	119			
Richard Lawrenson, RI	116	110			
Jerry Ervine, TX	110	60	15	6	Nigeria

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:

- | | |
|-------------------------------------|---|
| Scott BARBOUR, Intervale, NH | R-75, MLB-1, 200' Beverage |
| Bill BERGADANO, Freehold, NJ | Icom 718, 170' tuned inverted L |
| Mike BRANCO, Islip, NY | Grundig Satellit 800 |
| Ralph BRANDI, Middletown, NJ | AOR7030+, R8, etón E1 300' longwire, T2FD |
| George CARAS, Saco, ME | RX340, R8B, Orion, R30, SE3, 550lw, verticals |
| Rich D'ANGELO, Wyomissing, PA | TenTec R340, Lowe HF-150, DX Sloper |
| Mickey DELMAGE, Sherwood Park, AB | Collins HF-2050 Ant: KLM Log Periodic |
| Gerry DEXTER, Lake Geneva, WI | NRD-515, NRD-545, etón E1 |
| Jim EVANS, Germantown, TN | RX340, 30 m wire, R8B AN-LP1 |
| Bob FRASER, Belfast, ME | Sony ICF-2003 ICF-SW100S 2m LW |
| George HERR, Playa del Rey, CA | G303e. R8B. 45' lw, Am Rad active antenna |
| Ron HOWARD, Monterey, CA | NRD545, LW 160', etón E5 |
| Brant HUNT, Aiken, SC | Drake R-8 with par antenna |
| Steve LARE, Holland, MI | Drake R7, R8, R8A & R8B, 70' & 200' wires |
| William McGUIRE, Cheverly, MD | DX-380 |
| Bob MONTGOMERY, Levittown, PA | NRD535D, R390A, RX320, HF150, SE3, T2FD, |
| Enrico OLIVA, E. Northport, NY | Drake R8 |
| Sheryl PASZKIEWICZ, Manitowoc, WI | ICOM R-8500, NRD345, AOR LA-350 loop |
| Martin PECK, New York, NY | Satellit 800, whip antenna |
| Claudio PERDOMO, Ringuélet, ARG | Sony ICF-2010, ICF-SW7600GR, Icom R75 |
| Jim RONDA, Tulsa, OK | NRD-545, R75, etón E1, Eavesdropper |
| Clem SHEMANSKI, Wilmington, NC | Sony SW07, ANT-60 |
| Paul SHINN, Valley Springs, CA | R5000, R390A, 160' LW |
| Dan SREBNICK, Aberdeen, NJ | Drake R8B, 130' long wire |
| Mark TAYLOR, Madison, WI | R-75, Sat 800, EWE, Eavesdropper |
| Alex VRANES, Jr., Harpers Ferry, WV | Yaesu FRG-100B, LW 150' & Ameco TPA |
| Joe WOOD, Gray, TN | DX-390, Grundig Mini 100 PE, whip antenna  |


For faster service with membership dues payments, address changes, or missing bulletins, send all information to NASWA, 45 Wildflower Road, Levittown, PA 19057-3209. The email address for these things is weoliver@comcast.net. Please send articles and comments for the Musings section of "NASWA Notes" to Rich D'Angelo whose address appears on his masthead

Tropical Band Loggings

2000-5900 kHz

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

- 3215 **USA WWCR** 0349-0356 M in EE w/pgm about alternative methods and materials for use in home building. VG 7/29. (Wood, TN)
- 3249 **HONDURAS R. Luz y Vida** 0107 SS Gospel songs; ID 0114; fair 8/13. (Ronda-OK)
- 3249.70 **HONDURAS R. Luz Y Vida** San Luis 0247 M SS nx; poor w/QRM 7/8. (Hunt-SC)
- 3291.15 **GUYANA Voice of Guyana** 0839 BBC program "Analysis", music starting 0900, ID as "Voice of Guyana" 0930; slightly more intelligible on the 7030. 8/7. (Brandi-NJ) 3291.16, 0011-0032 EE, pop ballads featuring a Cyndi Lauper tune. Canned promo 0017, brief ancr. More mx & talk until organ music 0030 followed by either "Messages" program or obituary notices, both which I have heard in the past. Vox audio too weak to detail. Poor/fair at best 8/18. (Barbour-NH) 3291.2, 0346-0403* in EE. Light classical mx w/M ancr, anmts & ID 0402. Carrier break and then returned but no programming noted. Planned sign off or just a break in transmission? Fair 8/14. (D'Angelo-PA)
- 3310 **BOLIVIA R. Mosoji Chaski** 0018-0034 Vernacular, M&W w/banter, music bits. Weak but clear for the most part 7/8. (Barbour-NH) 1009 SS male soloist guitar mx. Poor 7/7. (Hunt-SC)
- 3320 **S.AFRICA R. Sondergrens** 0120 in Afrikaans interview pgm; F/P 8/12. (Ronda-OK) 0430 Afrikaans nx by W; poor 7/5. (Hunt-SC)
- 3345 **S.AFRICA Channel Africa** 0442-0456* W w/EE talk about „child marriages“; mx 0450; close down ID & anmts 0454; mx continuing until carrier cut; fair 8/10. (D'Angelo-PA)
- 4052.5 **GUATEMALA Radio Verdad** 0358-0403 M EE ancr w/inspirational mx in EE & SS; heavy static; poor 7/29. Iso 0444 similar program; vy faint 8/12. (Wood, TN) 0054-0015 SS/EE, M ancr in EE several times; preacher w/long talks. Weak 8/14. (Montgomery-PA)
- 4319 **DIEGO GARCIA AFRTS** 0115-0125 M in EE talking about their transmitter. Political talk 0119; taking call ins at 0121; first call in was a woman to talk about reincarnation. Audio difficult at times. ID 0129, then to news items. Talks about middle crisis. My listing shows it to be a 1 kw xtrm. 8/14. (Montgomery, PA)
- 4406.8 **BOLIVIA R. Eco** 0012-0137 Vernacular, up-beat music w/ ancr b/w selections. Poor but audible 7/8. (Barbour-NH)
- 4769.96 **NIGERIA RN-Kaduna** 2218-2234 Vernacular, hi-life mx program & talk by ancr; poor/fair at best, 7/31. (Barbour-NH) 4770, 0524-0547 W EE ancr talking about the economy; ID 0530, then religious program, choir vocals and talks; poor to fair 7/23. (D'Angelo-PA)
- 4775 **SWAZILAND TWR** 0448-0457* in EE; M preaching w/soft instl mx in the background. At 0455 another man gave ID and frequency announcement as program closed. Poor to fair 8/16. (D'Angelo-PA)
- 4777 **GABON Radio Gabon** *0458-0521 open carrier followed by orchestra National Anthem. At 0501 M ID & opening anmts in French; talk by W ancr w/numerous IDs; M w/nx; 0150 W hosting pgm of hi-life mx; F/G 8/8. (D'Angelo-PA) 0556 FF, rap mx, W DJ talking on phone, ID at TOH, into news, canned ID "Radio Gabon, Gabon direct" @ 0602 during news, and again 0605; 8/11. (Brandi-NJ)
- 4780 **GUATEMALA R. Cultural Coatan** San Sebastian 0104 in SS some news W DJ plays some Ranchero guitar mx; fair 07/06. (Hunt-SC) 0125 SS, peppy vocals; full SS ID 0130; F/G 8/13. (Ronda-OK) 0210-0234* in SS. Nice program of rustic vocals hosted by M ancr w/short talks. Another M w/ID, frequency & s/off anmts 0233; instrumental mx till close; P/F 8/15. (D'Angelo-PA) 4779.97, 1224 SS, Latin music, mention Guatemala by M at 1227; 8/15 (Herr-CA)
- 4789.98 **INDONESIA RRI Fak Fak** 1041 typical programming in lang. 8/19. (Herr-CA)
- 4790 **PERU R. Vision** 0407-0425 M w/SS rel talk before a live audience. Poor to fair with audio having somewhat of an echo effect. 7/29 (D'Angelo-PA) 4790.2, 0128-0142 in SS; W at t/in, M w/religious svc; still going at t/out. Poor although no CODAR QRM. 8/1. (Barbour-NH)
- 4800 **INDIA AIR Hyderabad** 0054-0110 Vernacular, Hindi music at t/in, ID at ToH followed by music and M talk. Poor, hampered by "data" bursts; 7/24. (Barbour-NH) 0015 test tone, 0018 AIR IS, 0020* w/Vande Mataram, 0021 ID by M then music, 0030 Delhi Hindi nx w/W and 0035 Delhi EE nx w/W. //4840 Mumbai, 4860 Delhi, 4920 Chennai, & 5010 Thiru. Good night for AIR stns.; also something faint on 4830 that I would like to think was Jammu! 8/18. (Vranes-WV)
- 4810 **MEXICO Radio Transcontinental** 0353-0423 various M ancrs w/SS talks blowing through ToH w/no ID; 0419 music signifying end of program followed by ID & anmts. Fair 7/22 but needed LSB otherwise it would have been a mess. (D'Angelo-PA) 1110 M SS DJ, SS mx; fair 7/31. Also 0241 M&W SS DJs w/Mexican mx; poor 7/8. (Hunt-SC) 0300 barely there at all; only broadcaster

- on 60m below WWV; 8/10. (Dexter-WI) 0135 SS songs 0135; audio badly distorted and in that persistent het that just won't go away. Fair - poor 8/13. (Ronda-OK) 4810.06, 0219-0232 W SS anc'r w/talk & music. Very poor, just above static floor 8/9. (Taylor-WI)
- 4819.2 **HONDURAS La Voz Evangelica** 0110-0204 SS rel talk by M, some vocal selections. Another talk began at 0130. ID & fqy anmt 0153, followed by a series of anmts. Brief male vocal 0158 until another ID by W anc'r 0200, then another religious program. Very poor with CODAR QRM 8/15. Have not heard this in quite some time. (D'Angelo-PA) 1007 SS Christian program w/M speaking to W in conversation over phone; F/P 8/3. (Hunt-SC)
- 4844.9 **BOLIVIA R. Norteno** (T) 0146-0200*, in SS. Re-activated??, SS ballads and EZL music; brief anc'r 0155, then a barely audible, tentative canned ID. Lengthy martial chorus/music (NA?) until 0200*. Fair w/ occasional data bursts. 8/1. (Barbour-NH)
- 4845 **MAURITANIA R. Mauritaine** 0043-0100*. Local pop music. 0048 Talk by woman. 0050 Koran recitation by man. 0100 Very quick anmt by W & abrupt end of transmission. Poor 8/12. (Evans-TN)
- 4890 **PNG R. National** Port Moresby 1031. Audible with poor to fair signal last 3 nites, first time heard in several months. 8/19. (Herr-CA)
- 4910 **AUSTRALIA VL8T** Tennant Creek past normal 0830 changeover to 120-m.b. w/ABC nx w/W. Still hrd past 1015. Next day back to changeover just past 0830 to 2325 w/ABC nx //2310. 8/17 (Vranes-WV) 1357-1420 ABC news & current affairs program "Nightlife" (<http://www.abc.net.au/nightlife/>), poor-fair. IDs for ABC. Extended programming just for Aug 17. (Howard-CA) 0826 talk in English, ABC stinger 0830, into news with ID, off abruptly 0831 mid-sentence; found first on the newly-acquired E1, but the sound was more intelligible on the 7030. 8/7. (Brandi-NJ)
- 4915 **BRAZIL R. Difusora Macapa** 0628 Brazilian pop music, many canned IDs as "Difusora", including ToH. 8/11. (Brandi-NJ)
- 4919 **HONDURAS HRVC** with change back to Standard Time in Honduras, seems this one now signing on 1000 UTC instead of 0900. Sign-off seemed 0200 before, wil have to check if that's now 1 hr. later also. (Vranes-WV)
- 4920 **INDIA AIR** 0030-0040 female with long talks in what sounded like Hindi lanugage at tune in. Then to M anc'r. Audio a bit muffled with some flutter. Unable to pick much from the conversation. 0034 switched to EE with clear ID by W anc'r. 8/14. (Montgomery, PA)
- 4950 **ANGOLA R.N.de Angola** (P) in PP; as early as 2245 past 2315 w/music and talks by W. Never did hear ID but am sure was them. Best signal hrd. from Angola in yrs.; wonder if this is the new 25-kw xmtr? Still hrd 0030 re-check but mixing w/another stn. (Peruvian? Srinagar?) Couldn't make out lang. of other stn. 8/17. (Vranes-WV)
- 4960 **SÃO TOME VOA** EE 0413 pgm dealing with the effects of oil on the world economy; VP 7/29. (Wood, TN)
- 5005 **EQ. GUINEA R. Nacional** Bata 0503-0538 M SS talk, ID, longs talks by two men. Re-tune 0538 and station was barely hanging in there. Poor with deep fades 7/18. (D'Angelo-PA)
- 5010 **INDIA AIR Thiruvananthapuram** 0036-0050 English/Vernacular, W w/EE news re Sri Lanka, Israeli and Lebanese conflict. AIR ID 0040, then programming in language with Hindi music and various announcers. Good 7/24! (Barbour-NH) 0043-0050 Hindi, M anc'r w/interludes of male vocals. Continuous chants at 0046. IDd not heard but tentative. 8/14. (Montgomery, PA) 0018 in presumed Hindi; IS, Vande Mataram, music, into news 0030, ID and in English 0035, music 0040. 8/12. (Brandi-NJ)
- 5015 **BRAZIL R. Pioneira de Teresina** (P) 0014-0034 Vernacular, talks by M&W b/w musical selections. Weak/threshold signal. 7/24. (Barbour-NH)
- 5019.89 **SOLOMON IS SIBC** 1206 BBC news //BBC 9740; poor 8/19. (Herr-CA)
- 5040.4 **MYANMAR Myanma Radio** (P) 1312-1350 local mx & songs/ballads, BoH into English lesson (slow English), reading something and then asking a number of questions, weak. Have noted English lessons before during this time period. 8/5. (Howard-CA) 1214, in (local) lang by W; minorities service listed this time. 8/20. (Herr-CA)
- 5050 **USA WWRB** Manchester, TN 0457 in EE W/M with talks of US Judiciary followed by skeds and ads. Fair 8/12. (Wood, TN)
- 5240 **TIBET Xizang PBS** Lhasa 2315-2333 (P)Tibetan, M&W w/ talks; mx bridges & M talk thru t/out. Fair. // 4905, 4920-poor. A pleasantly surprising catch! (Barbour-NH)
- 5446u **USA AFRTS** Key West, Florida 0418 EE pgm about raising children. Good 7/29. Also, 0500 nx abt ME events; talk of US airport security and Alaskan Oil pipeline. Good. // 7811 Good. 8/12. (Wood-TN)
- 5580.23 **BOLIVIA R. San Jose** (P) 0040-0109 continuous SS/LA mx thru t/out. Very weak, poking thru noise floor. No anmts noted 7/8. (Barbour-NH)
- 5850 **USA World Harvest Radio** 0300 in EE; Stan Monteith program "Radio Liberty" interview a guest who spoke about mercury being vaccine which is not heathly for humans; 8/2. (Hunt-SC) 

International Band Loggings

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- 5910 **COLOMBIA** *Marfil Estereo* Puerto Lleras in SP 0825-0900+, ID's b/w just abt every song, UTC T/C at 0900, DJ ment "Cuatro de la madrugada" indicating TC's were 3 min fast, g (Vranes WV 8/2)
- 5975 **GUIANA** *BBCWS* Caribbean relay in EG 2234, tlk re Greenhouse effect on earth, f-p (Hunt SC 7/5)
- 6010 **MEXICO** *Radio Mil* Mexico City in EG 0549, OM preaching w/SP translations, ment of the Gospel of St. John, ID 0600, p (Wood TN 8/4) in SP 0951, jingle ID, snippet of "Pretty Woman", talk w/song underneath, problem w/E1 sync detector locking on LV du Consciencia (Brandi NJ 8/10)
- 6070 **CANADA** *CFRX* Toronto - relay of CFRB on MW in EG 1031, nx re huge thunderstorm causing lcl power outages, lcl wx rpt with temps and traffic info, f (Hunt SC 8/3) in RH 2310, talk show w/ phone-ins about latest terrorist threats from London, CFRB IDs, f-p w/fade out (D'Angelo PA 8/10)
- 6110 **ASCENSION ISLAND** *RAI* (Italy) relay in IT 0130-0229, IS, fqy, news "Giornale dali Italia", at 0144 into pgm titled "Un ora con voi" (Perdomo ARG 8/3) in IT *0130, fanfare or NA at s/on, ID, into nx items and field rpts, fair as was //11765 (Barbour NH 7/18)
- 61548 **BOLIVIA** *R Fides* La Paz in SP 0057, futbol match, ment "Cochabamba", weak (Perdomo ARG 8/3)
- 6507usb **AUSTRALIA** *Weather station* in EG 1300, forecast and marine seas info for Australian coasts and the Mainland, OM voice w/local accent and possibly computerized, fair signal (Shinn CA 8/9)
- 7125 **GUINEA** *R Conakry* in FR 0712, indigenous mx, some ancmts, relig choral mx 0730 (Brandi NJ 7/23)
- 7145 **NEW ZEALAND** *RNZI* in EG/Maori? 0807, nice S Pacific vocals and salutations in lang, ID, QTH, and "Ke-or-ah" from the Voice of the Pacific", mx, g (Barbour NH 7/12) in EG 1021, news re worst floods since 2004, sheep farmers have lost sheep and their pastures, phone lines down, f (Hunt SC 7/6)
- 7150 **UNITED KINGDOM** *RTV Algerienne* relay via Rampisham in AR 2250, talks over vocal mx, chants/drums before s/off ancmts, fqy, sked, pips, off 2259, f, //9710 f-p (Barbour NH 7/18)
- 7235 **IRAN** *V of Justice/VOIRI* in EG 0140, nx, lengthy diatribe against US and Israel, "Commentary" on "US in the World Media" GWB has made world more unstable, f (Shemanski NC 8/1, Barbour NH)
- 7275 **NIGERIA** *R Nigeria* Abuja in EG 0556, pop Afro song, drums, ID 0600, nx, weak (Howard CA 7/30)
- 7345 **CZECH REPUBLIC** *R Prague* in EG *0100, IS, ID, fqy, sked, political nx, g (McGuire MD 7/16) in EG 0320, tlk re 1968 uprising in Czechoslovakia against Russian troops, interview, g (Hunt SC 7/24)
- 7590 **KUWAIT** *R Ashna* relay via VOT xmtr in Pashto 0057, ID, mx, tlk by YL, ToH sequence including two IDs, theme, nx?, more mx and tlks, fair to fade out (Taylor WI 8/9)
- 9335 **NORTH KOREA** *V of Korea* in EG 1320, nx by YL, story about Korean government policies and tlk of 'strengthening the party', exc (Shinn CA 8/9)
- 9440 **CZECH REPUBLIC** *R Prague* in EG 0005, cmntry on proposed US missile site to be placed in Czech Republic, g, //7345 exc (Fraser ME 7/14)
- 9560 **AUSTRALIA** *R Australia* in EG 1325, documentary re WW II history, Japanese troops committing atrocities in Asia, interview w/YL Asian seeking compensation for suffering torturous acts inflicted by Japanese soldiers, vg (Shinn CA 8/9)
- 9570 **ALBANIA** *China R Int* relay in EG 0040, "Voices from Other Lands", g, //6020 (Fraser ME 7/20)
- 9580 **GABON** *R Africa #1* in FR 0637, nx re election unrest in Congo capitol, f (Hunt SC 7/26)
- 9615 **NEW ZEALAND** *RNZI* in EG 0603, feature on medical care for children, "Media Watch Program", interview w/Planned Parenthood leader, IDs as "National Radio", wx rpt, vg (Wood TN 8/12)
- 9650 **CANADA** *China R Int* relay in EG 1335, report on CH plays and films, exc, //9570 (Fraser ME 7/16)
- 9660 **FRENCH GUIANA** *R Japan* relay in SP 0400, cmntry, full rpt on Mideast crisis, mx (Perdomo ARG)
- 9660n? **USA** *BBCWS* relay in EG 1240-1301*, sports rpt at 1255 and into s/off at 1301 with WHRI Cypress Creek ID?, seems to be a repl for 11865 relay via French Guiana this time slot (Brandi NJ 8/9)
- 9665 **MOLDOVA** *V of Russia* relay in EG 0200, ID, rpt on No Korea, mention Putin, g (McGuire MD 7/6)
- 9685 **SOUTH AFRICA** *Channel Africa* in EG 0543, "Africa Rise and Shine" pgm, tlk re lack of housing, rpt on influx of people in 4 So African communities, hip-hop mx, wx rpt, f (Hunt SC 8/6)
- 9700 **RWANDA** *Deut Welle* relay via Kigali in EG 0501, nx, Nigeria's foreign minister resigns, unrest in Congo over fairness of elections, heavy rains in Pakistan causing havoc, mx, good (Hunt SC 8/5)
- 9720 **PERU** *R Victoria* Lima in SP 0452-0536, OM preaching, ancmts, IDs, p-f, QRM (D'Angelo PA 8/8)
- 9730 **PHILIPPINES** *R Veritas Asia* in CH 1134, OM talking at length, YL w/ancmts, Western classical mx, 30 seconds dead air then ID in EG and sked with 1155 s/off (Taylor WI 8/5)

- 9760 PHILIPPINES VOA relay in EG 1328, "Today in History", news review year by year of historical events on this day w/sound bites from former Pres Ford, "World News Now" (Shinn CA 8/9)
- 9780 ITALY RAI Rome in Danish *1957-2021*, IS until 2000, musical opening, ID followed by the Sunday program with nx, closing ID and IS, fair (D'Angelo PA 7/30)
- 9870 AUSTRIA RAI Moosbrunn in SP 0030, nx, "Noticiero de Austria", political nx, wx rpt for Austria in GM language (Perdomo ARG 8/2) in EG 0043, economic nx, less unemployment than last yr but yet there are many relying on govt training for new jobs, interview re Lebanon war, wx rpt, g (Hunt SC 8/1)
- 11590 ISRAEL V of Israel Tel Aviv in EG 0332, rpt on the Israeli attack on Lebanon, 100 rockets hit North part of Israel, people told to stay in bomb shelters, wx report (Hunt SC 7/18)
- 117107v ARGENTINA RAE in EG/SP/FR 0251, sports nx, tango mx, ID, end of EG pgm 0259, IS, multi-lang IDs, NA, s/on in FR 0302, sked, nx w/tangos in b/w, good (Taylor WI 8/3) in EG 0209, Argentina's foreign minister speaks out against war in Lebanon, story re orange crop exports, good (Hunt SC 7/24)
- 11735 TANZANIA R Tanzania Zanzibar in SH 1949-2059*, nice vocals, talks, 5+1 pips 2000, ID, nx, more mx from 2008, s/off ID 2056, NA 2058, f-g but choppy (D'Angelo PA 7/29)
- 11760 CUBA RHC Havana in EG 2050, talks about loosening US embargos a little to allow shipment of food products, long discourse by Cuban authors on Fidel Castro's accomplishments, ID, g (Wood TN 8/13)
- 11785 USA Hmong Lao Radio relay via WHRI in Hmong? *1259, IS, WHRI ID, req reception rpts, address, news, cmntry re Middle East, f-p with heavy QRM (Howard CA 7/29)
- 11800 ITALY RAI Rome in EG 0055, Bob Marley song, ID, rpt on Lebanon war, g (McGuire MD 7/28)
- 11815 BRAZIL R Brasil Central Goiania in PT 2105, pgm Show da Bola, futbol match xmsn from Maracana Stadium (Flemengo vs. Goias, promos (Perdomo ARG 8/5) in PT 2207-2310, futbol match live, quick ad, jingle ID 2222, p-f w/co-channel QRM but improving to good by 2258 (D'Angelo PA 7/30)
- 11865 RWANDA Deut Welle relay via Kigali in GM 2145, rpt about the history of the Roman Empire and the issue of trade in Northern Europe (Hunt SC 7/5) in GM 2300, ID, rpt on Israel (McGuire MD 7/14)
- 11890 SOUTH AFRICA R Okapi (Congo) relay via Meyerton in FR 1619, tlks re Congo, IDs (Barbour 7/17)
- 11990 KUWAIT R Kuwait in AR 1551, call to prayer-like chanting, ID, piano mx bits, f (Barbour NH 7/17)
- 11995 FINLAND R Finland in FN *0359, OC to 0400 w/instrum'l opening, ID, tlk, nx, followed by features program, fair (D'Angelo PA 7/24)
- 12055 VATICAN CITY Vatican Radio in Malayalam/EG 0128, talk w/So Asian mx, ID, into EG w/ID and sked for So Asia xmsn, religious article, song, cmntry on the Middle East, g (Taylor WI 7/23)
- 12080 AUSTRALIA R Australia in EG 0559, nx w/host Carrie Whales at ToH, lead story abt British Govt. uncovering terrorist plot to down European flights to the US w/liquid explosives (Shinn CA 8/11)
- 13630 MALI China R Int relay via Bamako in EG 2051, pgm "Chinese Studio" re CH folk mx and language lessons, ID 2100, into news, poor (Wood TN 8/14)
- 13680 CUBA R Nac Venezuela relay via Havana in SP 2332, sked and targets, tlks re Marx, Revolutionarios, Havana and Venezuela, full ID 2339, good (Barbour NH 7/25)
- 15120 NIGERIA V of Nigeria Ikorodu in EG 2010, interview, local features, ID 2030, pgm previews, feature about Africa w/story about Liberia, fair but fading by 2030 (D'Angelo PA 7/29) in EG 1946, "Africa Integration" re agriculture and conservation, ID 2000, feature "60 Minutes", fair (Barbour NH 7/25) in EG 1720, discussion re elections, historical interlude about colonization (Branco NY 8/5)
- 15140 OMAN R Sultanate of Oman in EG 1435-1510, call-in pgm, C&W mx, nx, into AR 1459 w/chimes & orchestral mx (NA)? and ID, fair (Wood TN 8/19) in AR 1820, talk by OM/YL, folk songs sung by men w/lots of yipping, foot stamping, and frame drums in Omani fashion, fair (Oliva/Peck NY 7/8)
- 151498 INDONESIA V of Indonesia Jakarta in GM/FR/EG 1800-2000, t/in at 1800 w/IS and s/on ancmt for GM pgm, into FR at 1900, and into EG 2000, good to 2000, QRM thereafter (Delmage AB 7/22)
- 15180 MOROCCO VOA relay in Croatian 1850, tabloid/entertainment subjects involving trials/socialities, and mx selections from Springsteen and John Hammond, s/off 1900 (Branco NY 8/5)
- 15190 EQUATORIAL GUINEA R Africa via Bata in EG 1139-1200*, choral mx, Gospel preaching, ID 1158 and ID w/Cupertino, CA address, poor w/terrible modulation (Barbour NH 7/28)
- 15205 SAUDI ARABIA BSKSA Riyadh in AR 1639, nx, Holy Koran, poor (Hunt SC 8/3)
- 15240 SWEDEN R Sweden Hoerby in EG 1236, political nx re elections in Nov, web address, feature "Inside Sweden", ad for mobile phone service, tlk re Social Democrats, good (Hunt SC 7/7)
- 15315 NETHERLAND ANTILLES R Nederland relay via Bonaire in EG 1920, world nx bulletins re the Middle East crisis, //17735 and 17810 (Perdomo ARG 8/5)
- 15475 GABON Africa #1 via Moyabi in FR 1858, talk by OM w/many IDs and promo ancmts, 3+1 time pips followed by OM w/news which was cut off abruptly by s/off at 1900, good (D'Angelo PA 7/30)

- 15595 **RUSSIA V of Russia** via Petropavlovsk in EG 0422, "This is Russia" featuring items on the guitar and Russian mx/history, ID, nx at 0430, g (Wood TN 7/22)
- 15615 **ISRAEL Kol Israel** Tel Aviv in HB *2000, pips, ID, regional nx, ment Hezbollah (McGuire MD 7/14)
- 15630 **GREECE V of Greece** Avlis in GK 1223, nice GK mx, ID, pgm notes, brief mx clips (Caras ME 8/2)
- 15735 **SWEDEN R Sweden** Hoerby in EG 1333, tlk on architectural details of residential dwellings in Stockholm, feature on cooking featuring recipes using bacon and bananas, p. //15240 (Wood TN 8/19)
- 17810 **ASCENSION ISLAND UN Radio** relay in EG 1730, nx, spoke of UN Kofi Annan's visit to Liberia, Israel raids upon Gaza strip area, rpt re housing in Cambodia, ID, website, good (Hunt SC 7/7)
- 17850 **FRANCE V of Africa** (Libya) in EG 1402-1440, nx, ment 'Jamahiriya', local vcls w/drums, short features, vp, //17725 barely readable as well (D'Angelo PA 7/30) in EG 1451, tlk of Mauritius Islands, their climate, geography and demographics, ID 1501, tlk of African Union, f (Wood TN 8/19)
- 17885 **SEYCHELLES BBCWS** relay in EG 1206, cmntry re the terrorist attack on London w/loss of life that occurred one year ago, weak signal (Hunt SC 7/7)

Clandestine/Opposition Stations

- 7205 **UNITED KINGDOM R Republica** relay via Rampisham in SP 0120-0200*, address, 'piano' ID sequence, nx re Castro's medical condx and succession, ID at s/off, bubble jammer (Taylor WI 8/12)
- 9490 **GERMANY Democratic V of Burma** relay via Wertachtel in Burmese 2340, interview, fanfare, ancmt, and ID at s/off 0000 just as R Sweden was signing on, fair (Taylor WI 7/29)
- 9905 **MADAGASCAR R Nile** relay in EG 0417, political tlk abt Sudan, Afro pop mx, ID 0420 and into the Sudanese lang (Paszkiwicz WI 7/25) in Sudanese 0431-0500*, group tribal singing, ID, and talk feature, fair, //12060 (D'Angelo PA 7/18)
- 15695 **RUSSIA R Free Southern Cameroon** relay via Armavir in EG 1844, Afro mx w/drums and whistles, tlk re justice, also 'illegal'? occupation w/choir mx, s/off 1900, poor (Hunt SC 7/9)
- 17700 **UNITED KINGDOM R Solh** (Afghanistan) relay via Rampisham in Dari 1750-1800*, ID, Afghani folk mx sung w/rubob and tabla, fair (Oliva/Peck NY 7/8)

Digital Reception

- 9750D **VATICAN CITY R Vatican** in EG 2301, pgm re St. Ignatius Loyola, classical mx, S/N 20 dB w/nearly zero dropouts, good mono sound w/17 kbps bitrate w/audio up to 11000 Hz (Brandt NJ 7/29)
- 11675D **KUWAIT R Kuwait** in AR 2235, 'live' concert of AR pop mx, stable signal, 16 dB w/11 kbps bitrate, sound quality not great, maybe up to 4000 Hz, wiped out by Spain s/on 2259 (Brandt NJ 7/29)
- 11900D **CANADA TDPradio** w/mx only 1600, dance mx, IDs, monster signal, 25 dB S/N ratio, 21 kbps, parametric stereo, only a couple of dropouts, Saturdays only (Brandt NJ 8/12)
- 13750D **VATICAN CITY Vatican Radio** in IT/EG 1115, relay of local service "105 Live", brief nx and sports at 1130, IDs in IT as "Radio Vaticana" and "105 Live", pgm "Melodies and Memories" w/ancmts in EG and IT, almost no audio until 1130 on this xmsn aimed at North America; after 1130 about 80% intelligible, but w/frequent dropouts; S/N ratio starting around 9 dB, jumping to about 16dB by 1135, 19 dB at 1140 (Brandt NJ 7/29)

FOR SALE: Grundig Yacht Boy 215 analog multiband portable radio. Covers LW, MW, FM plus 13, 16, 19, 25, 31, 41, and 49 meter bands. A collector's item! \$20.00 or best offer. Dale Park, PO Box 10640, Honolulu, HI 96816 or dxfool@aol.com.

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Company Store

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Hello Everyone. The northern hemisphere DX season is ramping up and as promised, I have news about the 2007 edition of the Passport to World Band Radio. The Company Store will be offering the new edition to members at a discount again this year. Even better news is that we will be offering it at the same \$18.90 price as last year. Shipping will be an extra \$4.00 for U.S. addresses. For addresses outside of the U.S., I can get flat rate Global Priority mailers from the post office for about \$7.50. That will help hold down the cost to those of you outside the US.

While we're talking about getting ready for DX season, its not too early to think about getting your antennas and radio gear ready. The "Store" can help you on that score as well. We have copies of Joe Carr's Receiving Antenna Handbook and Loop Antenna Handbook. For tips on setting up a shack or on expanding your listening station, you might want to check out Skip Arey's book, Radio Monitoring: The How-to Guide. We also have reprints available of all of the articles from the Fine Tuning's Proceedings series. These articles are packed with useful information and ideas for all DXers about radios, antennas, accessory equipment and many other topics. We have 2 catalogs available. The economy version for \$2.00 and the deluxe edition for \$5.00.

Finally, a happy DXer is a productive DXer. To help in the happiness department, we have sweatshirts to keep you warm during those long all night DX sessions and coffee cups to hold your favorite tuning aids.

That about covers things for now. Good DX. Mike

WWW Shortwave Listening Guide

Looking for programs to listen to? You can find what programs are on for the current hour or list programs of a desired type on a given day at the **www Shortwave Listening Guide** on NASweb. Webmaster Ralph Brandi has updated almost four thousand entries in the datqabase for the new broadcasting season. Visit the Guide on the new NASWA web site at <http://www.naswa.net/swlguide/>. 

The Company Store page on the inside back cover of this month's Journal is incorrect. Please use the one from last month. Sorry about that...my fault.

Company Store

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

Publications

Shortwave Listening Guidebook by Harry Helms. A beginners guide to shortwave listening covering equipment and more.	\$19.95 +2.00 s/h US +4.00 s/h Can.
Joe Carr's Receiving Antenna Handbook A guide to high performance receiving antennas from longwave to HF and VHF.	\$19.95 +2.00 s/h US +4.00 s/h Can.
Joe Carr's Loop Antenna Handbook Comprehensive but readable guide to understanding and building loop antennas.	\$16.50 +2.00 s/h US +4.00 s/h Can.
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 +8.00 s/h Can.
Passport to Worldband Radio 2005 Great source of information about shortwave stations, frequencies in use and schedules.	\$20.95 +4.00 s/h US +8.00 s/h Can.
World Radio and TV Handbook 2005 Long considered to be the bible for shortwave listeners.	\$27.95 +4.00 s/h US +8.00 s/h Can.
Fine Tuning's Proceedings Reprint Catalogs Complete list of articles from this hobby classic published between 1988 and 1995. Choose from 1) 5 page abridged version with article titles or 2) 20 page deluxe version with article abstracts.	1) \$2.00 ppd 2) \$5.00 ppd
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