

The **NASWA** Journal

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The **etón E1 XM** (originally announced as the Grundig Satellit 900) is the world's first radio that combines AM, FM, shortwave and XM Satellite radio into one ultra high-performance unit. In development for nearly ten years, in collaboration with RL Drake Company and XM Satellite Radio, the E1 is simply the finest full-sized portable in the world. The E1 is an elegant confluence of performance, features and capabilities. The look, feel and finish of this radio is superb. The solid, quality feel is second to none. The digitally synthesized, dual conversion shortwave tuner covers all shortwave frequencies. Adjacent frequency interference can be minimized or eliminated with a choice of three bandwidths [7.0, 4.0, 2.5 kHz]. The sideband selectable Synchronous AM Detector further minimizes adjacent frequency interference and reduces fading distortion of AM signals. IF Passband Tuning is yet another advanced feature that functions in AM and SSB modes to reject interference. AGC is selectable at fast or slow. High dynamic range permits the detection of weak signals in the presence of strong signals. All this coupled with great sensitivity will bring in stations from every part of the globe. Organizing your stations is facilitated by 500 user programmable presets with alpha labeling, plus 1200 user definable country memories, for a total of 1700 presets. You can tune this radio many ways such as: direct shortwave band entry, direct frequency entry, up-down tuning and scanning. Plus you can tune the bands with the *good old fashioned* tuning knob (that has *new fashioned* variable-rate tuning). There is also a dual-event programmable timer. Whether you are listening to AM, shortwave, FM or XM, you will experience superior audio quality via a bridged type audio amplifier, large built in speaker and continuous bass and treble tone controls. Stereo line-level output is provided for recording or routing the audio into another device such as a home stereo. The absolutely stunning LCD has 4 levels of backlighting and instantly shows you the complete status of your radio.



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.

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.)

Many receiver parameters such as AM step, FM coverage, beep, kHz/MHz entry etc., can be set to your personal taste via the preference menu. The E1 has a built in telescopic antenna for AM, shortwave and FM reception. Additionally there is a switchable antenna jack (KOK) for an external antenna. Universal also offers a PL259 to KOK antenna jack adapter (#1052 \$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" x 2.3" 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.

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NASA Notes

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

This month features the 13th Annual Madison-Milwaukee Get-Together for DXers and Radio Enthusiasts on Saturday, August 19, 2006, from 1:00 PM CST. The location will be the home of **Neil Kazaross**, 1380 Lake Shore Rd in Grafton WI, which is located in Ozaukee County, just north of Milwaukee. **Tim Noonan** is this year's event organizer. You can contact him at DXing2@aol.com or 414 762-2702. This is an all-band event, and everyone interested in the radio hobby is welcome. I have been fortunate to time my visits with family to be able to attend two of the last three of these events but this year my work schedule creates a conflict I just can't get around. However, I highly recommend this gathering to anyone with an interest in the radio listening hobby. It is a great informal event worth attending!

A.J. Janitschek of Radio Free Asia tells us about the station's 11th QSL card featuring Guglielmo Marconi, the Father of Radio. It is available for reception reports received through August 31st so get to it right away. Marconi was the first person to transmit across the Atlantic Ocean in the early 1900s accelerating the development of the wireless industry. Reception reports can be sent to the station at www.techweb.rfa.org (follow the QSL Reports link), by e-mail at qsl@rfa.org and by postal mail to: Reception Reports, Radio Free Asia, 2025 M Street NW, Suite 300, Washington, DC 20036, USA. RFA encourages listeners to submit reception reports because they are valuable to the station in evaluating the signal strength and quality of their transmissions.

Next month the National Radio Club (NRC) will hold its annual convention in Akron, Ohio from 1-3 September 2006. Convention registration is \$45.00 which includes meeting room, beverages, snacks and banquet.

Checks should be sent to **John Bowker**, P. O. Box 5192, Sun City Center, FL 33571. Hotel reservations at the Best Western Executive Inn can be made by calling 1-330-794-1050 at the convention rate of \$59.00 plus local taxes. By the way, congratulations to **Paul Swearingen** who is starting his 18th year as publisher of the club's excellent *DX News*. If you are into medium wave DXing, the NRC offers a complete package tools to help you along. The club's bulletin, *DX News*, is issued thirty times a year plus they offer many web based services. Sample bulletins are available direct from Paul (P. O. Box 5711, Topeka, KS 66605-0711) for \$2.00. Take a look at the NRC!

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.


Don't forget to check out the two new weblogs for DXers launched by *Monitoring Times*. Two of their better known authors, **Gayle and Larry Van Horn**, are in charge of the project. The *Monitoring Times Shortwave Central* at: <http://mt-shortwave.blogspot.com/> specializes in shortwave related information while *MT Milcom Monitoring* blog at <http://mt-milcom.blogspot.com/> covers military monitoring news.

OUR MOTTO IS - "UNITY AND FRIENDSHIP"

We are in the waning months of the summer doldrums but the DX is still hot. The club's electronic *Flashsheet* in your hands each week provides 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, *back-to-school* hints, 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 (August 1981)

The cover of *Frendx* featured a photograph of former editor A. R. "Al" Niblack who was editor of the *NASWA Flashsheet* for many years. *The Headquarters Report* noted and congratulated Bob Padula who was awarded the Medal of Order of Australia in the Queen's Birthday Honor List for his contributions to the shortwave hobby. The first issue of the 36-page *Frendx* parody, *Blandx*, was available for \$1.50. John Kapinos noted that the Torrestronics TK-1 Digital Readout was available for the FRG-7 communications receiver. In the *Shortwave Center*, Don Jensen continued with *Part Two, NASWA: The Middle Years, 1967-1972* and Pitt McNeil wrote about his visit to the city of Quillabamba in Peru. John Moritz conducted an interview with Gordon Darling who was a very well-known DXer who was employed by the BBC Monitoring Service. Ralph Perry provided "Oyentes' Guide to Beisbol" to help listeners get over the then current baseball strike in North America. The *QSL Report* carried word of a possible US Postal strike. Editor Sam Barto noted 128 countries reported. *Log Report "B"* editor Jerry Berg noted five people logging AFAN-McMurdo this month.

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

- Aug 11 Meeting. Philadelphia Area NASWA Chapter.** Kulpsville Holiday Inn, Kulpsville, PA at 7:30 PM. For more information contact Dan Cashin at 610-446-7831 or Internet: dcscpk@aol.com.
- Aug 11 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: ctditor@aol.com. The URL for the BADX guys is <http://www.naswa.net/badx/>
- Aug 19, 2006 2006 Madison-Milwaukee Radio Get-together. The 13th Annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts** is scheduled for Saturday, August 19, 2006, from 1:00 PM CST until, well, whenever. The location will be the home of Neil Kazaross, 1380 Lake Shore Rd in Grafton WI, which is located in Ozaukee Co., just north of Milwaukee. Tim Noonan is organizing the event, and you are encouraged to direct correspondence regarding it to Tim at DXing2@aol.com or 414 762-2702. This is an all-band event, and everyone interested in the radio hobby is welcome. Tell your radio friends about it, and make your plans early to attend the 13th Annual Madison-Milwaukee Get-Together for DXers and Radio Enthusiasts for another fun and memorable day of visiting with your fellow radio hobbyists.
- 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 9 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>>
- 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 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.

Gerry Dexter <gdex@genevaonline.com>, 213 Forest Street, Lake Geneva, WI 53147

Yesterday afternoon (6/24) I took a rest break at a park bench at Lake Como, midway through a seven mile walk. A beautiful day, even though - being a Saturday — there was a bit more traffic on both road and water. But every now and then there'd be a few minutes of near silence. Just the birds in the trees and waves licking at the shoreline. Suddenly, during one of those moments, I was startled to hear a couple of seconds of — Morse Code?? Someone in a nearby house had flipped on a scanner and the CW was one of those automatic IDs some of those operations use. The appearance of Morse Code from out of nowhere on a peaceful Saturday definitely qualified as a "What the ---??" moment!

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

Radio St. Helena Day Revival Project Update June 2006

The month of June has been very successful. With the invaluable technical help of DJOKM, Don Taylor, of Garant-Funk (see "CQ-DL", 7/2006, p.475), we were able to conduct a full power transmission under the exact conditions waiting for us at Radio St. Helena. We transmitted with 1000 Watts output in USB into a huge dummy load. The modulation was examined and found to be excellent. The entire shortwave broadcasting facility, with the one exception of the 3-element beam antenna, will be shipped to St. Helena via England at the beginning of July. After the antenna tower arrives on the island, the foundation for the tower will be built. After I arrive on the island, the entire facility will be put together and tested.

Our plan is to REVIVE the world-famous "RSH Day" shortwave transmissions in USB on 11092.5 KHz on Saturday, 04 November, 2006 at the "usual" UTC times with broadcasts first to Europe and then to North America (just as in the 1990's). However, we also plan to broadcast on Sunday, 05 November, 2006 at about 0800 UTC. We plan to first broadcast directly to Japan and then, immediately thereafter, to New Zealand. The exact UTC-times are not certain as yet. The exact beam directions (long or short path or both) are not certain as yet. These Sunday programs will be the usual complete programs and may be "one-time-only" programs. They will also be as a "Thank-you" to the Japan Short Wave Club for their tremendous help in making these "RSH Day Revival" broadcasts possible and to the New Zealand Radio DX League for their support over the years.

The Project is absolutely on track to meeting all of our goals. The only big question mark still left is paying all the bills for the equipment and the transportation to St. Helena Island. The project costs are about Euro 12000, and so far we have donations of equipment and money with a value of about Euro 3000. As you can easily see, we still need a lot of financial help, and I am asking you all to contribute. On our web page, www.sthelena.se/radioproject under "Donations" are listed our bank accounts in USA, UK, and EURO-Land. Thank-you one and all for your help and possible donations.

With very best greetings, Robert Kipp, Project "Revive RSH Day"

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

DRM HF - A BIG TECHNOLOGICAL LEMON?

When you read the articles about DRM-HF in the latest NASB newsletter, you will see that there is now a view that this medium is not looking so appealing for long-distance inter-continental multi-hop transmissions.

Serious problems of signal drop-out are appearing for the test transmissions on long-haul circuits, and, unlike ancient AM services, "fading" does not exist, as signals are either on, or off. This is similar to mobile telephone technology.

The industry is now being forced to rethink DRM-HF, and initiatives are being directed into the use of the medium mainly for local/regional coverage on 26 MHz.

When I put on my professional engineering hat, I similarly do not know what commercial advantages DRM-HF will yield, as compared with other broadcast technologies, apart from allowing more than one service to be packed into each DRM-HF broadband channel.

Multiple channel digital broadcasting is already available, either on medium-frequency, VHF, or UHF, and it seem to me that opening up 26 MHz DRM services is perhaps a desperation move by the developers.

Taking the big broad view, WBM is not convinced that shortwave broadcasting itself will survive in the long-term as a platform for the delivery of mass-market entertainment, news and information, whether this uses AM or any other modulation system.

The introduction of DRM-HF broadcasting has now tapered off, with very few new services appearing, either on a test or regular basis. Total global weekly output is now 746 hours, and there are still no suitable user-friendly receivers available!

Most of the reports of DRM reception have come from hobbyists, using existing communications receivers connected to PCs, with purchased software, and this activity generally undertaken as a novelty.

Bob

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

The station Shiohaze started last October in order to collect the information about the abducted Japanese in North Korea and encourage them until their rescue operation is materialized. The program was being exposed to severe jamming presumably from North Korea since early May. So, on the 15th of June, the following changes were made. The new schedule is: from 1030 to 1100 UTC on 9855 kHz, and from 2030 to 2100 UTC on 9785 kHz. The 1030 UTC 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. The 2030 UTC program is reading of the victims' names, and letters and voice call by the victims' families, all in Japanese. As far as confirmed in Tokyo suburban area, the jamming has been kept on the old frequency of 5890 kHz in the previous air time and the new frequencies are not jammed yet as of June 27.

HCJB Australia began the Japanese program broadcast from June 2nd. The broadcast hour is from 2230 to 2300 UTC on Friday and Saturday, and the frequency is 15525 kHz. The Friday program started with an opening announcement by Mr. & Mrs. Ozaki from Chicago, followed by Australian report produced by their son Yuji and his wife from Sydney. Then microphone was back to Chicago from where Mr. Ozaki and his granddaughter Christine gave bilingual report about Chicago weather and life in Chicago. The last portion of the program was religious talk, and it concluded with ID, time, frequency and mailing address announced by Mrs. Hisako Ozaki. The Friday program repeats the similar format every week and maintains the Ozaki Family's warmth and friendliness, as shown during their Quito era.

The ICOM IC-706MKIIG 100W transceiver donated by a Japan Shortwave Club member was received by Mr. Robert Kipp and a quick test showed the TRX was working okay. We are anxious about the revival Radio St. Helena transmission in the first week of November.

The DSWCI's 50th anniversary QSL was received recently.

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

Bill Montney bilmont2288554@sbcglobal.net>, 450 Stewart Rd., Apt. 3, Monroe, MI. 48162

Another Fourth of July is upon us and the corn is about knee-high here in Monroe county Michigan. We are about to be grand-parents here the first week in August and when mothers get to be grand-mothers they tend to want to be nearer the children. We made the move here a little more than a month ago, took an apartment for a seven month lease and have our old home 250 miles north of us on the market (and the real estate market here is slower than molasses in winter). Anyhow, here at the apartment reception seems to be on the noisy side with typical rf/qrm that in-town city noise has to offer. It is quite un-like the quiet, serene, less people, and woodsy neighborhood I left behind. Now I employ my 24 ft. of #22 wire strung around the walls and ceiling to pull in some far-away station with the help of my AOR receiver...oh well...I'll just keep listening and turning that dial...later, and good job on your reporting and have a nice fourth of July.

Bill Montney

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

I just wanted to share a rather neat SW experience. I had sent an email reception report to Radio Havana Cuba a month or so ago....got a nice email back saying thank you and my QSL card (rather unremarkable I must say) was in route via airmail and they asked me to please let them know when I received it.

So I got it and sent a short "gracias" and said I hope they'd play more of their unique, enjoyable Cuban music (which is the primary reason I listen). Didn't put my QTH in the thank you email, though it was, of course, in the reception report.

Talk about coincidences....I turned on my radio this afternoon and caught the weekly Radio H.C. "Mailbag" show (2100-2130 on 11760)...hadn't listened for more than 5 minutes when they read my email on the air! Quite a surprise I must say...hearing one's name on SW from Cuba. Of course, this may put me on some government watchdog list since I'm sure RHC is regularly monitored...

73, Clem

Robert D. Wells, 544 Thompson Street, Peshtigo, WI 54157-1441

I thoroughly enjoy the little radio magazine. It is read cover to cover and the copy is always in reach of my shortwave radios. I make many attempts to duplicate the frequencies listed in the Journal. I am looking for a face plate for Bendix Aviation Corporation, Radio Model 0646-A. Phone anytime and/or leave a message, 1-715-4467.

Thank you. Robert

Martin Peck <ponfarr@hotmail.com>,

I'm wondering if anyone has information on the name of the folk melody used for the Interval Signal from the Voice of Greece. Please reply as soon as possible. Thanks!

Martin

Eric Swedberg shipwreck@aracnet.com, 1633 SE Main, Portland, OR 97214

Many thanks to member Jim Renfrew, who read of my loss of pennants and stickers to a fire and sent me an assortment to help replace my collection.

Now that my place is mostly rebuilt, I'm turning to repairing my damaged equipment. I'm looking for replacement plastic parts for my Kiwa Air-Core loop, which was severely warped in the fire. If someone has a non-functioning model, I would still be eager to buy it. I also would like to find a speaker for a Kenwood R-1000. My Kenwood R-5000 seems to have some real problems, so maybe if someone has a parts-worthy wreck to sell, I'm interested.

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

This year I am considering purchasing one of those new Eton E1 portable receivers. I have heard many positive things about these units so I am tempted. George Zeller and many others compare them favorably to desktop communications receivers with all their features. As my past track record clearly shows, I do not handle communication receiver temptation very well, hi! QSL returns have slowed down somewhat this month. I have been very busy at work which cuts into shortwave time; both listening and reporting stations. Since it is summer in North American I can blame the entire situation on the old "summer doldrums" complex.

On the QSL front, Radio Tirana must like receiving reception reports because they verify the same report over and over again. I got yet another reply from Tirana for the same report. A nice reply was received from RAE indicating they are appreciative of listener reception reports. Radio Belarus responded to a follow up report and sent a couple of nice stickers for the collection. Finally, a couple of North American pirates verified by e-mail. WBNY - Radio Bunny, a long time staple in pirate radio but a first time heard for me, verified in just eight hours by e-mail promising a postal response too. Also, Northwoods Radio (also seen from time to time as North Woods Radio) verified electronically in a sluggish (hi!) ten hours also promising a nice postal package in a few weeks time. Although nothing beats a postal reply, an electronic reply is nice to get as a warm up QSL. They are also very nice in situations where stations don't verify by any other means. Sometimes you just have to go with the current flow of the radio hobby. Like them or not, it appears that electronic QSLs are a staple of our future verification collections.

73, Rich

On the Short Waves by Jerry Berg

<www.ontheshortwaves.com> **Update, May 27, 2006**—Under “Articles, Research, etc.,” “Recordings”: If there was a “golden age” of DXing clandestine stations for North American listeners, it began in the late 1970s when numerous stations opposed to the governments in Nicaragua, Cuba, and El Salvador took to the air. Most operated in and around the 40 meter ham band and suffered interference accordingly. Here are some that may bring back memories. From Cuba—R. Abdala, 7085 kHz., November 1977; R. Libertad Cubana, 7092 kHz., January 1980; La Voz de la Alpha 66, 7050 kHz., August 1980; and La Juventud Progresista Cubana, 7055 kHz., March 1981. And the Nicaraguan FSLN station, R. Sandino, 7702 kHz., recorded on June 13, 1979, about a month before the Somoza government fell.

<www.ontheshortwaves.com> **Update, June 3, 2006**—Under “Articles, Research, etc.,” “Advertising”: A 30-page booklet about the World-Wide Nine Radio, “custom built by McMurdo-Silver,” circa 1934. If I had received this pamphlet I would not have rested until I had gotten the receiver.—And following up on the recordings posted last week, under “Recordings” we have posted one of Radio Sandino made by Rich McVicar on July 17, 1979, the day the Somoza government fell. Thanks, Rich.

<www.ontheshortwaves.com> **Update, June 8, 2006**—Under “Articles, Research, etc.,” “Recordings”: Those Central American clandestine recordings that we posted brought back some interesting memories from the 1980s, and here are some more: recordings of some of the U.S. shortwave stations that came on in that decade. Most were made while the stations were still testing. WRNO was the first commercial SWBC station approved by the FCC since WINB came on the air in 1962, and the others followed. The recordings are: WRNO, New Orleans, Louisiana, 11965 kHz., 1982; KCBI, Dallas, Texas, 11790, 1985; WHRI, Noblesville, Indiana, 11780, 1985; WCSN, Scotts Corner, Maine, 6160, 1987; KUSW, Salt Lake City, Utah, 15225, 1988; and WWCR, Nashville, Tennessee, 15690, 1989. Not real oldies, but fun.

<www.ontheshortwaves.com> **Update, June 24, 2006**—Under “Articles, Research, etc.,” “Pot Pourri,” an interesting album created by Arthur L. Robb of Topeka, Kansas, the most distant attendee at the First Canadian DX Relay Convention in St. Catharines, Ontario on August 31, 1935. (The Canadian DX Relay was about three years old at the time and billed itself as Canada’s only DX club.) Most of the album contains sightseeing photos, neatly mounted and labeled with white ink. However, there are some interesting radio-related items as well: a “Most Distant Visitor” card; an envelope from The Welland House, where the meeting took place; a newspaper article about the meeting; and a photo of CKTB, which provided a tour. The album also contains some post-convention items: 1936 and 1942 newspaper articles about BCB DX specials which Robb reported (KRNR and KRJF), a sheet of Canadian DX Relay stationery, and a “Radio DX Fan” card. The most interesting thing to me is that the authors of the newspaper articles never felt it necessary to explain what “DX” was! (Accompanying the album was the rest of the pack of NuAce photo mounting corners—15 cents for a pack of 60 in those days. The last time I bought them I paid \$4 for 240.)

(See more On the Short Waves after the Tropical Logs column —ed.)

NASWA

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

Easy Listening

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

International Broadcasting and the Middle East

As the *Journal* goes to press, the Hezbollah-Israel conflict continues to dominate news in most of the world. Arab-Israel matters, perhaps more than any other, always spark accusations of bias in news coverage and related analysis, and the current episode is no exception.

USA-based news organizations are at the center of the furor, given the close ties the USA has had since 1948 with Israel and, before that, with the Jewish Diaspora. This subject, more than any other, provides an opportunity for critical, comparative listening to multiple, internationally-based information sources in order to gain better understanding of the conflict, its roots, and its implications. This situation can be an excellent “evangelistic” opportunity for we shortwave enthusiasts to extol the benefits of our hobby—and our knowledge of regional issues—to our friends, family and colleagues.

One of the imponderable questions I’ve long considered is why Arab countries do not make more effective use of international broadcasting to put forward their agendas. I still don’t have a good answer for that—one would think, especially given the quagmire of Western presence in Iraq, that regional perspectives targeted to Western Europe and North America would be an effective tool given the culture and value systems prevalent in the Middle East.

BBC World Service

The BBC is mentioned first due to a recent true story. Some media have claimed the BBC has a decidedly pro-Israel bent to its reporting, while I was chatting with some colleagues here at work who grumbled that the BBC had a decidedly pro-Arab component to its reporting. Decide for yourself—substantial portions of the BBC’s key news programs—*Newshour*, *World Update*, *The World Today*—are given over to coverage

in the region, and the conflict has also been featured in a few editions of *Analysis*, which devotes a 9-minute program slot to a single issue. As most probably know, the BBC isn’t exactly easy to hear via shortwave in the “prime time” evening hours, so your choices are to listen to African or European-targeted services from approximately 0300 to 0600 and 1300 through 2200, all times approximate. See the April *Journal* for recommended frequencies. Other listening options—USA public radio stations, XM and Sirius satellite radio, and live and on-demand Internet webcast, are the BBC’s favored means of reaching North America.

Kol Israel

Even though budget cuts seem to threaten the existence of the shortwave services of **Kol Israel** twice a year like clockwork, the daily 15-minute and 25-minute English broadcasts continue.

What we hear over shortwave (and over Sirius and Internet webcast) is a news broadcast intended for a domestic Israel audience as well as an international audience. As a result, you’ll hear geographic details and local weather events that you wouldn’t normally expect to hear from an international broadcaster. Topics focus on events within Israel plus events that affect Jews in other regions. While the service is generally dry and straightforward in content and style, it’s a good way to hear news with an unabashedly Israeli perspective.

In some instances, stories will be included that help you feel like you’re eavesdropping on local news; for instance, if an IDF soldier is killed in battle, Kol Israel might then have a report from the soldier’s hometown on the day of his or her funeral.

Nowadays, weekend broadcasts are the same as the weekday features, but this wasn’t the case years ago—you may remember the program *DX Corner*, Kol Israel’s listener contact / hobby program. I’ll always

have a soft spot for *DX Corner* because it was the first shortwave listener contact program that aired a letter I'd sent in. The letter was nothing special—I'd expressed appreciation for their programming and requested a schedule—but it was a thrill to hear my letter on air and to get a transcript of the broadcast in their return mail to me. Nowadays, with websites and e-mail, it doesn't seem nearly as much of a thrill to be contacted by an international broadcaster. Unless, of course, it's that long-lost **Radio St. Helena** QSL or another rare catch.

Daily 15-minute editions are aired live in Israel at 0330, 0930, and 1730 UT, and are also webcast live; listen at <mms://s95wm.castup.net/990310005-52.wmv>. If your web browser is properly configured, the <mms://> protocol will launch your media player. The 0330 broadcast is archived by the World Radio Network for one week. Domestically, you can hear these broadcasts on the REQA network. The 0330 broadcast airs on shortwave on 13720, 11590 and 17600 kHz; the 0930 broadcast on 15760 and 13680 kHz.

A daily 25-minute edition that has more "magazine-style" content airs domestically on the Reshet Hei network at 1900 UT and is also archived by the World Radio Network. Shortwave frequencies include 9400, 11590 and 15640 kHz. Reshet Hei is also webcast live at <http://israelradio.org/iri.ram> or <http://66.28.252.74/iri>.

Radio Damascus

While **Radio Damascus** hasn't found its way to my Pennsylvania casual listening environment too often over the years, its shortwave service does continue. Frequencies and air times are approximately 2005-2105 and 2110-2205 on 9330 and 12085 kHz. Audio quality is sometimes poor, which doesn't help when propagation itself isn't good. My experience is that content from Radio Damascus isn't terribly compelling—from my memory, much of each day's broadcast is Western popular music. Perhaps things have changed recently—please send along any updates in what you hear, and I'll pass them along to other NASWA members.

Islamic Republic of Iran Broadcasting (IRIB) IRIB maintains 3 daily broadcasts in English that are available via shortwave, live webcast and on-demand webcast. Satellite options (not XM or Sirius) also exist.

The perspective here is, shall we say, a bit different than what you'll hear from Kol Israel. Most daily broadcasts begin with a recitation from the Qur'an in Arabic, which is then read in English. If you're listening online and want to bypass the Qur'an recitation, you can fast forward to roughly 5 to 6 minutes into the broadcast. One of the daily features is *News and Views*; you may remember this as a mainstay title of the **Voice of Russia**. Much like the Voice of Russia, IRIB uses this program to highlight editorials that share the political views of the government.

Shortwave frequencies include 15600 and 17660 kHz at 1030 UT, targeting the Indian subcontinent; 7370 and 9635 kHz at 1530, also targeting the Indian subcontinent, and 7205 and 6205 kHz, targeting Europe, and 9925 and 9800 kHz, targeting South Africa, at 1930 kHz. The 1930 edition is repeated over shortwave at 0130 UTC on 7235 and 9435 kHz, targeting North America.

There are actually two separate services—the **Voice of the Islamic Republic of Iran** and the **Voice of Justice**, which is a version produced specifically for an American audiences, but doesn't seem to vary too much from the VOIRI in content.

There are seven daily webcasts; these go to air live at 1030, 1130, and 1530; repeats air at 1930, 2130, 0030, and 0130 UT. The 1130 edition is the **Voice of Justice** edition. On-demand archives are available for one week.

In some ways, the webcasts feel like the early years of Internet audio—they're at "phone line quality" of 8 kbps. Their website is <http://english.trib.ir/>.

Work responsibilities keep the column short this month; I hope August brings continued good listening!

73 DE Richard



Shortwave Center

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

A Life in DXing and the Church

By Marlin Field

This is the story of how a hobby of one of the members of College Baptist Church affected the missionary outreach of the church.

The hobby is DXing, often confused with ham radio. In DXing we do not talk to the broadcasters; instead we write—or now send an e-mail—to the station, giving details of the broadcast and asking for a confirmation of reception. In my 45 years as a DXer, I have received 1722 confirmations from stations in 244 countries. I'm at the top of the scoreboard of the North American Shortwave Association (NASWA) in the number of countries heard, 244, and the number verified, 244. Over the years I've written articles, long and short ones, about missionary radio stations on shortwave for the NASWA Journal and have been on the programs of the organization. I've been part of the "Mission Moment" at CBC, talking about such things as cooperation between HCJB—"Heralding Christ Jesus' Blessings"—and other religious broadcasters reaching the world for Christ.

I started in the hobby of DXing around 1960. The first station I heard was HCJB in Quito, Ecuador, with the first verification coming from the Dominican Republic. In 1967, when we lived in Benton Harbor, I had a visit from Doug Peters, who was on furlough from HCJB. He came to visit me when he was in the area to speak at a local church. At the time he was in the pre-tuned radio ministry of HCJB, which we supported financially.

About fifteen years later we received a call from Verna Narwold, a North Adams native, who with her husband Tom were missionaries with HCJB (World Radio Missionary Fellowship). She said they'd put together a slide presentation of their work and would like to come by and show it to us. It was

narrated by two of their young sons. It was great! No one outside of the family had seen it before. They had contacted us because of our giving to the station which started because of my hobby.

After that they met with the pastors of CBC, Chuck and Madelyn Johnson, and showed the program at church. Shortly after that the church started supporting Jorge and Denise Zambrano. That was about 1985 as that year we had them in our home, the first of several visits over the years. Their children, Linda and Danny, were small on the first visit. They loved to tell jokes and explore our house, from the basement to the upstairs. Danny is now in the music ministry in Indiana while Linda, who lives in the East, is married and has a child. Jorge's program, "Musica del Ecuador", has been rated one of the top ten programs on shortwave radio. Jorge now has a serious medical problem as he, along with Denise, continues to work at HCJB. The first time the Zambranos visited us, I interviewed him for an article I wrote—complete with photo—for the NASWA Journal.

Our pastor at the time Jorge and Denise first came to College Baptist was James Wilbar. He had stayed in their home when he was a summer missionary at HCJB. After Pastor Wilbar left CBC, he returned to HCJB, where he met his wife Maria, who had a daughter, Nicole. We kept in contact with him. On one occasion when he was back, he visited with some members of CBC. He was with HCJB until the station made a decision to concentrate more on its Spanish broadcasts and less on English. The Wilbar family now lives in California, where Nicole is attending a Christian college. When Tom and Verna visited us, she asked Lois about returning to Ecuador with them to teach their children as she, then their teacher, had trouble separating her role as a teacher from that as a parent. As it

turned out, the Narwolds did not return to Ecuador. Instead Tom became the manager of one of HCJB's FM stations on the Texas-Mexico border. After that, they moved to Colorado Springs, the headquarters of HCJB. There he headed the efforts of HCJB to plant radio stations in many areas of the world. The transmitters, made in Elkhart, Indiana could be carried in a suitcase. On occasion, Verna accompanied him.

In 2005, Verna called to say that they were leaving HCJB but would appreciate our continued support until their debt to HCJB was paid. Tom now has a woodworking shop in Colorado Springs; Verna is still engaged in a Christian ministry as are the oldest sons.

Our son, Kenneth, when rather young did a little DXing. He became interested in China and wrote for a verification, which he received. His interest in China led to his year at Wuhan University, where he taught

English. With the pro-democracy demonstrations, his supervisor advised him to leave.

Some time ago, in one of my publications of Trans World Radio, I read of someone who after accepting Christ, was baptized in a bathtub. We at College Baptist knew him as "Sam". Sam was baptized in China, his native land. He attended Hillsdale College because of the efforts of Dr. Juroe.

Postscript: Our church, College Baptist Church in Hillsdale, has just celebrated its 150th birthday. Jim Juroe, a retired professor from Hillsdale College who is writing the history of the church, asked me to write this article—on how the hobby of one member had affected the missionary outreach of the church. In the thirty years we have attended the this church, I have spoken more than once on DXing as it relates to religious shortwave broadcasters.

DX Target: Radio Santa Ana

93.3 F.M. Stereo y Honda Corta

By Richard A. D'Angelo

In this day and age of dwindling shortwave broadcasters, it's good to see a new one hit the airwaves. It is especially true in a long time exotic DX target location such as Peru. This DX Target will focus on a relatively new shortwave broadcast station from Peru. A location tropical band DXers frequently target while tuning the shortwave bands.

The Country

Peru, with a population of about 28 million inhabitants, is located in Western South America, bordering the South Pacific Ocean, between Chile and Ecuador (see map). Its terrain varies from the western coastal plain, high and rugged Andes in center, and eastern lowland jungle of Amazon Basin. The weather varies from tropical in the east to dry desert in the west with temperate to frigid in the Andes. It is the third largest country in South America.

Ancient Peru was the seat of several prominent Andean civilizations, most notably that of the Incas whose empire was captured by the Spanish conquistadors in 1533. Peruvian independence was declared in 1821, with Spanish forces defeated in 1824. After a dozen years of military rule, Peru returned to democratic leadership in 1980, but experienced economic problems and the growth of a violent insurgency. President Alberto Fujimori's election in 1990 ushered in a decade that saw a dramatic turnaround in the economy and significant progress in curtailing guerrilla activity. Nevertheless, the president's increasing reliance on authoritarian measures and an economic slump in the late 1990s generated mounting dissatisfaction with his regime. Fujimori won reelection to a third term in the spring of 2000, but international pressure and corruption scandals led to his ouster by Congress in November of that year. A caretaker government oversaw new elections in the spring of 2001, which ushered in Alejandro Toledo as the new head of government; his

The Station

Radio Santa Ana broadcasts on 93.3 FM in Cusco and around the world on 4,965.8 kHz shortwave (onda corta). The best time to tune the station is in the early morning hours in North America. I have found upper side band important in separating the station from Radio Santa Monica which occupies 4,965 kHz during the same time period.

The morning program, Amanecer de la Tierra is hosted by Gallito Madrugador and the station owner, Nicolás Córdoba Orozco where they feature a lot of cultural Peruvian music. I heard this program in December around 1000 UTC with an outstanding selection of PA vocals and instrumentals station identifications, time checks and commercial announcements.

Radio Santa Ana has begun verifying listener reception reports after being on the air for a few months. Whether this lasts for a long time or dissipates quickly like many other Peruvians of the past, only time will tell. Meanwhile, Radio Santa Ana is well worth tuning to for traditional Peruvian music. Try sending a Spanish language

reception report to the station with return postage (US\$1.00) to:

Radio Santa Ana
Sr. Nicolas Cordoba Orozco, Gerente General
Av. San Martin No. 636
Quillabamba
La Convencion
Cusco
Peru



EMPRESA INDIVIDUAL C.R.S. MTC.
DE RADIODIFUSION

SANTA ANA

Nicolás Córdoba Orozco

GERENTE GENERAL
PERIODISTA A.N.P.
MATRICULA N° 6274

AVENIDA SAN MARTIN N. 636 TELEFONO N. 311047
QUILLABAMBA - SANTA ANA LA CONVENCION CUSCO

As always, remember to send in those Radio Santa Ana logs to electronic *Flash-sheet* editor Ray Bauernhuber and to Dan Ferguson for the *Log Report*. Of course, QSL verifications should be sent to Sam Barto for inclusion in the *QSL Report* column. Good luck with this DX Target.

Trends in Tropical Bands Broadcasting

(Originally Published in the *DX Window* #302, July 12, 2006)

By Anker Petersen

Since 1972 the Danish Shortwave Club International has published an *annual* publication which first covered the frequency range of 2.200 to 5.800 kHz and was called the *Tropical Bands Survey*. But since 1999 I expanded it as editor to cover all Domestic broadcasting stations on shortwave from 2.200 kHz till 30 MHz. That is now called the *Domestic Broadcasting Survey*—the *DBS*—and it is popular worldwide among hard-core DX-ers. Our latest edition was published in April this year.

The task for the editor of the *DBS*, is, throughout the year until the next publica-

tion, to check the bands himself and follow the loggings from our members and other DXers around the world. For each station in the list, a note is taken of the months when it has been heard. If a station has not been heard by any DXer during the past 12 months, it is deleted. By this measure, the *DBS* contains only the active domestic broadcasting stations.

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

I have selected the *Tropical Bands Surveys* published with 12 years intervals in 1973, 1985 and 1997, and the *Domestic Broadcast-*

ing Surveys from 2003 and 2006. For each of these five years I have then counted the number of *active* Domestic Broadcasting stations between 2.200 and 5.800 kHz.

International broadcasters, Clandestine and Pirate stations are *not* included in these statistics.

Active domestic transmitters on 2200–5800 kHz

| Region | 1973 | 1985 | 1997 | 2003 | 2006 |
|----------------------------|-------------|------------|------------|------------|------------|
| Central Africa | 102 | 76 | 40 | 26 | 21 |
| Southern Africa | 57 | 39 | 33 | 9 | 5 |
| Middle East | 9 | 4 | 1 | 0 | 1 |
| Indian Subcontinent | 62 | 45 | 45 | 36 | 35 |
| South East Asia | 40 | 29 | 21 | 7 | 6 |
| Indonesia | 171 | 105 | 65 | 19 | 15 |
| China, Taiwan, Mongolia | 119 | 110 | 75 | 44 | 40 |
| CIS (former USSR) | 61 | 59 | 47 | 21 | 16 |
| Far East | 38 | 28 | 28 | 17 | 13 |
| Papua New Guinea | 17 | 20 | 20 | 20 | 19 |
| Other Pacific | 10 | 4 | 13 | 7 | 11 |
| Central America, Mexico | 21 | 23 | 24 | 17 | 10 |
| Caribbean | 29 | 3 | 3 | 4 | 3 |
| Northwestern South America | 98 | 41 | 19 | 5 | 3 |
| Ecuador | 47 | 33 | 22 | 13 | 10 |
| Peru | 78 | 69 | 78 | 53 | 43 |
| Bolivia | 35 | 42 | 25 | 15 | 20 |
| Brazil | 107 | 87 | 67 | 50 | 48 |
| Southern South America | 5 | 2 | 1 | 0 | 1 |
| Total | 1106 | 819 | 627 | 363 | 320 |

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

past two years. The average number of closed domestic stations per year during 1997–2003 was 44 whereas it was only 14 during 2003–2006. The extraordinary steep fall at the very end of the 20th century is now replaced by a more “normal” closure of about 15 domestic frequencies per year. This means, that it may last more than 20 years from now, before the last domestic broadcaster closes down on the tropical bands. Countries like Brazil, Peru, China,

India, Bolivia and Papua New Guinea are still dominating the tropical bands. However, it is expected that AIR is going to replace SW by FM within a few years.

The following list shows closed frequencies which were used previously by domestic, international and clandestine stations.

Stations on the tropical bands which have closed down in 2004–2005, including Clandestines.

| kHz | kW | Station | Country | Last log |
|------------|-----------|--|------------------|-----------------|
| 2470 | 0,25 | R Cacique, Sorocaba, São Paulo | Brazil | AUG04 |
| 3025,5 | - | Frontline Soldiers R, Channel 2 | North Korea | MAR05 |
| 3168,3 | 0,5 | R Naylamp, Lambayeque | Peru | OCT04 |
| 3220 | 0,012 | R Colégio Técnico Municipal, Ñemby | Paraguay | AUG04 |
| 3259 | 0,6 | NHK, Kasuga | Japan | MAY05 |
| 3300 | 100 | SW Radio Africa, via Meyerton | Clandestine | APR05 |
| 3324,9 | 1 | R Maya, Barillas, Huehuetenango | Guatemala | OCT04 |
| 3346 | - | Minsk utility station (USB) | Belarus | FEB05 |
| 3365 | 100 | SW Radio Africa, via Meyerton | Clandestine | MAY05 |
| 3366 | 50 | GBC, Accra | Ghana | JUL04 |
| 3373,5 | 0,3 | NHK, Mihara | Japan | MAY05 |
| 3385 | 10 | RRI Kupang, Timor | Indonesia | OCT04 |
| 3607,5 | 0,9 | NHK, Shobu-Kuki, Tokyo | Japan | MAY05 |
| 3923 | 0,04 | R Samorodinka, Moscow | Russia | MAY04 |
| 3970 | 0,3 | NHK Nabeta, Nagoya 1 | Japan | MAY05 |
| 3970 | 0,6 | NHK, Sapporo 1 | Japan | MAY05 |
| 3975 | 100 | VOA, Biblis | Germany | AUG04 |
| 4025 | - | Voice of the People of Kurdistan, No. Iraq | Clandestine | APR05 |
| 4428 | 0,85 | R Bambamarca, Hualgayoc, Cajamarca | Peru | OCT04 |
| 4461 | 1 | R Norandina, Celendín, Cajamarca | Peru | JUN04 |
| 4540 | 100 | R Georgia, Dusheti | Georgia | JUL05 |
| 4698,7 | 0,25 | R Amistad, San Pedro La Laguna, Solola | Guatemala | OCT04 |
| 4788 | 1 | R Emisora Ballivián, San Borja | Bolivia | MAY04 |
| 4790 | - | BSKSA, Jeddah, HS 2. Spurious ½ x 9580! | Saudi Arabia | JAN05 |
| 4825 | 100 | SW Radio Africa, via Meyerton | Clandestine | MAY05 |
| 4830 | 10 | R Táchira, San Cristóbal, Táchira | Venezuela | OCT04 |
| 4832 | 1 | R Litoral, La Ceiba | Honduras | JUN04 |
| 4845 | 0,03 | R Tangazeni Kristo (RTK), Aru | Congo, Dem. Rep. | SEP04 |
| 4855 | 1 | R Por Um Mundo Melhor, Gov. Valadares | Brazil | |
| 4880 | 100 | SW Radio Africa, via Meyerton | Clandestine | MAY05 |
| 4919,9 | 0,75 | RRI Biak, PP | Indonesia | MAR05 |
| 4940 | 100 | Voice of Russia via Yangiyul | Tajikistan | DEC04 |
| 5014,5 | 0,5 | R Juliaca, Juliaca | Peru | DEC04 |
| 5025 | 100 | R Tashkent, Toshkent | Uzbekistan | DEC05 |
| 5040 | 100 | R Tashkent, Toshkent | Uzbekistan | DEC05 |
| 5060 | 100 | R Tashkent, Toshkent | Uzbekistan | DEC05 |
| 5384,2 | 0,3 | R Huarmaca, Huarmaca | Peru | MAR05 |
| 5428 | 0,3 | NHK, Osaka 2 (USB) | Japan | MAY05 |
| 5556 | - | R La Inmaculada, Santa Cruz (Petersen) | Peru | JUL04 |



Kim's Column

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This column, with links, is available at this URL publicized only to NASWA members: www.kimandrewelliott.com/lebanon.html

The Israel Lebanon Media War

I hope hostilities are over by the time you read this, though that might be a bit optimistic. I'd rather have a slow media news day than a war. But there are a lot of interesting media developments connected to this conflict.

Unfortunately, shortwave broadcasts from Israel are not as plentiful as they were in 1991, when we heard dramatic accounts of Iraqi Scud missile attacks. And the Radio Lebanon that we heard on shortwave just about every night in the 1960s, is long gone.

Israel has been employing various psyops techniques in this war, including airdropped leaflets, special radio stations, and even perhaps tinkering with the satellite transmissions of Al Manar, the Hizbollah-affiliated television channel. Seems Israeli technicians replaced Al Manar content with their own.

BBC has been busy covering the conflict, and has received the particular honor of having its content criticized by both sides. World Service also transmitted special messages to Britons in Lebanon awaiting evacuation. I'm sure the BBC medium wave relay in Cyprus was the main facility used for this purpose. Alas, VOA could not provide a similar service for Americans in Lebanon: the IBW medium wave relay in Rhodes (1260 kHz) was closed a few months ago.

For more stories about listening to the Israel Lebanon war, I recommend the essay by Mika Palo at the Radio Netherlands Media Network website. Mika's conclusion: "Unfortunately, nowadays listening to radio broadcasts from the Middle East is not always a very cheerful hobby."

Listen more to Radio Sawa and like the USA less?

American news media reported on a study by Professor Mohammed el-Nawawy. Using a convenience sample of 394 Arab students, he concluded that continued viewing of Alhurra or listening to Radio Sawa actually worsened attitudes towards the United States. Actually, I think Professor el-Nawawy's single correlational analysis generated a hypothesis rather than confirmed it. A larger and more representative groups of subjects, and much more sophisticated statistical procedures, would be needed to come to any such conclusion.

But it's entirely possible that listening to a certain radio station could actually make us think even less of the country from which the station transmits. I'm sure we've heard such stations on our own shortwave receivers. Not having Arabic, I can't judge the content of Alhurra or Radio Sawa. But propaganda will do such a thing.

On the subject of Alhurra, it is adding a European service by way of Eutelsat Hotbird 3. VOA English transmissions to Europe are gone, so if you live in Europe, and you want a U.S. broadcast, learn Arabic.

Also, VOA's Persian television broadcasts are now up to three hours a day. In the Broadcasting Board of Governors press release, BBG chairman Kenneth Tomlinson is quoted: "The United States is fortunate that at this critical point—especially since the start of hostilities between Israel and the Tehran-supported Hezbollah terrorist organization—we have a way to communicate directly with the people of Iran every night. Thanks to the support of the Bush administration and Congress we will continue to increase our original television programming to four hours plus repeats by September and six hours plus repeats early next year."

International broadcasters succeed insofar as they are able to establish their credibility. Credibility is enhanced if the international broadcaster is able to demonstrate its autonomy from its funding government. And thus I think Tomlinson's phraseology is not helpful.

The new media of international media get blocked

The internet could replace shortwave as the primary medium for international broadcasting, except more and more countries are blocking web content. The latest is no less than India, which compelled ISPs in that country to block websites containing "extremely derogatory references to Islam." Apparently, several blogs not included in the prohibition were also blocked. In this case, it was domestic rather than foreign websites that were blocked, but now the precedent has been sent.

A new Amnesty International project, irrepressible.info, is trying to overcome internet censorship by spreading forbidden content among many websites. "The more people take part, the more we can defeat unwarranted censorship and create an unstoppable network of protest." I hope it works. But the uncensored content would have to be in the language of the oppressed country, and users would somehow have to know what sites have that content.

Some broadcasters block their own content. For example, Deutsche Welle's live television stream is not available to internet users registered to U.S. ISPs. This apparently has something to do with DW's partnership with the DISH Network, which offers DW-TV for \$187 per year.

And, of course, BBC World Cup live internet video was available within the U.K., but not abroad.

Some new digital options for international radio

Radio Sweden's MediaScan recently looked at the Acoustic Energy Wi-Fi Internet Radio (available at C. Crane and other outlets). It looks and feels like a radio and connects directly to your broadband outlet. No PC needed.

And I learned about the Nokia 770 Internet Tablet, that can also be used to receive internet radio, and can perform other internet functions.

With more and more international broadcasters dropping or reducing shortwave (Radio Slovakia International, Voice of Armenia, Radio Japan, etc), we might have to bite the bullet and invest in one of these devices.

Shortwave is trying to hang in there with its DRM (Digital Radio Mondiale) mode. The Sangean DRM-40 standalone DRM receiver, that impressed us at the North Association of Shortwave Broadcasters meeting, will soon, finally, be available in Europe.

Speaking of DRM, at the NASB meeting, one speaker suggested that it might have to find a new name, given that the more famous DRM is Digital Rights Management. And many people who like to collect music from the internet hate (the latter) DRM.

Enough of the future, let's get nostalgic

A group in Ohio is trying to get historical designation for the old VOA Bethany transmitting station. This would help get the money needed to restore the transmitter building.

And a photography exhibit closing this month in Dublin, Ireland, includes pictures of "Athlone's high-power wireless station (1933), intended (but never used) for short-wave broadcasts to America." Wish I could see that.

Finally, the Retro Junk website features a television commercial for the old Zenith Transoceanic shortwave receiver. It's in the section of ads from the 1970s, but I think it's actually from the 1960s, given that it's black-and white.

Any television commercials for shortwave radios nowadays would probably be for the hand-cranked variety.

Views expressed are my own. More at kimandrewelliott.com, which now has RSS and Atom feeds.



Listener's Notebook

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

ALBANIA Frequency changes for *Radio Tirana*:

0145-0200 English NF 7450 SHI, ex 7455

0230-0300 English NF 7450 SHI, ex 7455

2300-0030 Albanian NF 7450 SHI, ex 7455

(DX Mix—Bulgaria)

AUSTRALIA The *Aboriginal Resource and Development Services (ARDS)*, has reactivated its HF operation from its facility at Humpty Doo, near Darwin.

Upgraded transmission equipment is now in use, on 5050, running 24 hrs with test broadcasts.

Coverage is mainly for the Yolngu peoples of north-east Arnhem Land, augmenting local coverage from Darwin on 1520 kHz, several VHF services in remote districts, and via Australia-wide free-to-air satellite.

Signal strength observed here in Melbourne is very good in the night-time period from around 0900 until 2200. (Padula-AUS/Cumbre DX/Johnson-WY)

Some changes of *Radio Australia*:

0400-0430 Indonesian 21780 DHA, cancelled

0500-0530 Khmer 11920 SNG, cancelled

0530-0600 Vietnamese 17855 DRW, cancelled

0530-0600 Vietnamese 11920 SNG, cancelled

0600-0630 Indonesian 17585 DRW, new

transmission

0900-0930 Indonesian 11550 TAI, cancelled

1300-1430 Chinese 11825 DRW, additional

frequency

1400-1600 English 9625 DRW, cancelled

2130-2200 Indonesian 11550 TAI, cancelled

2130-2200 Indonesian 9785 DRW, cancelled

2300-2330 Khmer 9720 SNG, cancelled

2330-2400 Vietnamese 15110 TAI, cancelled

2330-2400 Vietnamese 11820 DRW, cancelled

(DX Mix—Bulgaria)

AZERBAIJAN *Radio Voice of Azerbaijan* has not closed down as reported and continues to broadcast. It was received in Sofia on June 29 between 17 and 18 hours with a program in English and Russian on 6110 kHz. The QSL address is: Voice of Azerbaijan, English Service, Medhi Huseyin 1, 370011 Baku, Azerbaijan (Rumen Pankov, R. Bulgaria DX July 7 via John Norfolk/DX Listening Digest/Hauser-OK)

BANGLADESH Hearing 4750 with good signals, nice audio in Bengali and English News and commentary 1530-1544 UT. English ID "This News Broadcast comes to you from *Bangladesh Betar*,

Dhaka." (Victor Goonetilleke, Sri Lanka, 4S7VK, wwdxc BC-DX July 23/DX Listening Digest/Hauser-OK) [new high-powered transmitter—ed.]

BOLIVIA 9624.82 *Radio Fides*, La Paz, 1337-1347, July 15, is on the air now, Spanish program, ann: "Bolivia, Bolivia, Bolivia, siempre Bolivia...!" TC, local advs. (Slaen-ARG). It has not been heard since Nov 2005. (Ed/DSWCI DX-Window/Petersen-DK)

BRAZIL 3235 *Radio Clube*, Marilia, SP, is on the air again with their own programs. There are no longer relays of Radio Guarujá FM on this frequency. Renato Uliana heard this station last week and I am hearing this station everyday. (Cassio-BRZ, Jun 29). Also heard 2147-2204, Jun 29, news, A Voz do Brasil 2200 when signal improved. (Goncalves-POR/DSWCI DX-Window/Petersen-DK)

3255 *Radio Educadora 6 de Agosto*, Xapuri, AC, 2218-2236, Jul 03, A Voz do Brasil; reactivated. (Goncalves-POR/DSWCI DX-Window/Petersen-DK)

4945 *Emissora Rural*, Petrolina, PE, 2143-2202*, Jul 07, rosary, no Voz do Brasil 2200. (Goncalves). This station has returned to the air as of Jun 23, per the station's Gerente, Padre Bianchi; on at 0800-1100 and 1900-2200. (Isaac Rosa-Brazil via Romais in Conexion Digital/DSWCI DX-Window/Petersen-DK)

CHINA Some new freqs for A-06 of *China Radio International*:

0000-0057 Chinese 12035 XIA

0000-0057 Mongolian 9470 XIA

0000-0057 Vietnamese 13690 XIA

0100-0157 English 15785 XIA

0100-0157 Russian 13600 XIA

0100-0157 Urdu 7240 KAS 9695 KAS

0100-0357 Chinese 15160 JIN

0130-0327 Nepalese 13780 KUN

0300-0357 Chinese 13690 KAS 17540 BEI

0300-0457 English 13750 BEI 15785 XIA

0300-0457 Russian 9435 KAS

0300-0557 Chinese 15130 JIN

0400-0457 Hakka 17540 KAS

0400-0557 English 17725 XIA

0400-0557 Russian 15445 KAS 15665 KAS

0500-0657 Chinese 15785 XIA

0500-0857 English 17540 KAS

0600-0657 English 15140 KAS

0600-0657 Italian 17515 KAS

0600-0757 French 17865 KAS

0600-0757 Spanish 17680 KAS

0800-0857 Chinese 17530 XIA

| | | |
|-----------|------------|--|
| 0800-0957 | Chinese | 15565 XIA 17560 XIA |
| 0800-0957 | English | 11620 XIA |
| 0800-0957 | Russian | 15360 KAS 15665 KAS |
| 0900-0957 | Chinese | 15525 URU 17500 KAS 17530 XIA 17540 XIA |
| 0900-0957 | Romanian | 7130 CER 9440 CER |
| 1000-1057 | Chinese | 17540 XIA |
| 1000-1057 | English | 11635 BEI 13620 XIA |
| 1000-1057 | Hakka | 9740 XIA 13850 BEI 15525 URU 17500 KAS 17530 XIA |
| 1000-1057 | Hungarian | 13685 KAS 15220 KAS |
| 1000-1157 | English | 13590 BEI 13720 XIA |
| 1000-1157 | Japanese | 11620 XIA |
| 1100-1157 | Bulgarian | 7130 CER |
| 1100-1157 | Cantonese | 13580 KUN |
| 1100-1157 | Chinese | 15460 KUN |
| 1100-1157 | Czech | 13685 KAS 15225 KAS |
| 1100-1157 | English | 11795 KAS |
| 1100-1157 | Russian | 9740 XIA |
| 1100-1157 | Vietnamese | 17530 XIA |
| 1100-1257 | Chinese | 13755 KAS |
| 1100-1257 | Vietnamese | 11600 XIA |
| 1100-1357 | Korean | 13620 XIA |
| 1200-1227 | Tagalog | 17530 XIA |
| 1200-1257 | English | 11690 XIA |
| 1200-1257 | Serbian | 7130 CER |
| 1200-1357 | Russian | 13600 XIA |
| 1300-1357 | English | 13755 KAS |
| 1300-1357 | French | 13710 KAS |
| 1400-1457 | Chinese | 7210 BEI |
| 1400-1457 | English | 13710 KAS |
| 1400-1457 | Russian | 9450 SZG |
| 1500-1557 | Chinese | 13680 KAS 13710 KAS |
| 1500-1557 | English | 13640 KAS |
| 1500-1557 | Japanese | 9585 XIA |
| 1500-1557 | Russian | 9880 XIA |
| 1500-1557 | Urdu | 6075 KAS 9435 KAS |
| 1600-1657 | Arabic | 17735 BKO |
| 1600-1757 | Swahili | 5985 BEI 7245 BEI |
| 1700-1757 | Cantonese | 6090 KUN 9435 URU |
| 1700-1757 | Russian | 9470 XIA |
| 1730-1827 | Hausa | 9780 BKO |
| 1800-1857 | Russian | 9555 XIA |
| 1830-1857 | Bulgarian | 9695 JIN |
| 1900-1957 | Russian | 6110 XIA |
| 2300-2357 | Mongolian | 12085 XIA |

(DX Mix—Bulgaria)

CLANDESTINE—ASIA 9485 "Shiokaze" *1300-1330* Jul 26. In English today, but not the usual list of names; began with "News Flash," followed by "Special News" (ancr read editorials dealing with North Korea); closing announcement mentioned PO Box 4022 (or 1022), Tokyo Central PO; off at 1330. Nine days worth of monitoring at this time on 9485 from 18-26 July shows Japanese on 6 of those days, English on 2 (7/21 and 7/26), and one day (7/22) I did not check. (Wilkins-CO/Cumbre DX/Johnson-WY)

The morning service from Radio Shiokaze (via Taiwan) on 9785 is noted signing-on at 2100, to closing at 2130, with Japanese, as on various days from Jul 18 through 21.

This is a variation from its announced/published schedule. Good signals here in Melbourne, but jamming on-channel which could be a problem in the primary target area! (Bob Padula-AUS/Cumbre DX/Johnson-WY)[see UNITED KINGDOM for schedule]

ETHIOPIA These stations are active on SW with current schedules:

Radio Ethiopia with FS on 7165.12 and 9560.34: 1200-1300 Somali, 1300-1400 Afar, 1400-1500 Arabic, 1600-1700 English and 1700-1800 French.

Radio Ethiopia with HS on 5990, 7110 and 9704.15:

0300-1000 (SS -1400) 1500-2000 Amharic/Oromo/Tigre/Somali/Afar-Hararie/Agnuak/Nuer.

| | | |
|-----------|----------|-------|
| 0300-0430 | Amharic | Mo-Fr |
| 0300-0530 | Oromiffa | Sa/Su |
| 0430-0530 | Oromiffa | Mo-Fr |
| 0530-0730 | Amharic | Sa/Su |
| 0900-1000 | Amharic | Mo-Fr |
| 1000-1100 | Oromiffa | Mo-Fr |
| 1200-1500 | Oromiffa | Sa/Su |
| 1500-1700 | Amharic | Mo-Fr |
| 1500-1900 | Amharic | Sa/Su |
| 1700-2000 | Oromiffa | Mo-Fr |

Voice of the Revolution of Tigray, Mek'ele on 5500 and 6350:

| | | |
|-----------|----------|-------|
| 0400-0500 | Tigrinya | Mo-Fr |
| 0400-0900 | Tigrinya | Sa/Su |
| 0930-1030 | Tigrinya | Mo-Fr |
| 1100-1730 | Tigrinya | Sa/Su |
| 1500-1900 | Tigrinya | Mo-Fr |

(Anker Petersen, DSWCI DX Window July 26/DX Listening Digest/Hauser-OK)

[non] Current schedules of clandestine stations broadcasting on SW towards Ethiopia:

11840 **Radio Voice of Oromo Liberation Front**, via Samara: Mo/Th 1700-1730 Oromo.

11840 **Dejen Radio**, via Samara: We 1700-1800 Tigrinya.

11840 **Radio Voice of the Ethiopian National United Front (ENUF)**, via Samara: Fr/Su 1700-1800 Amharic.

11840 **Voice of Ethiopian People**, via Samara: Tu/Sa 1700-1800 Amharic.

13820 **Voice of Oromo Liberation**, via Juelich: Apr-Oct: Tu/We/Fr/Su 1700-1730 Oromo, 1730-1800 Amharic.

15565 *Voice of Ethiopian Unity*, via Juelich:
Apr-Oct: We/Fr/Su 1900-2000 Amharic.

15660 *Tensae Ethiopia (Voice of Unity)*, via Samara:
Apr-Oct: 1500-1600 Amharic
(Anker Petersen, Denmark, DSWCI DX Window July 26/DX Listening Digest/Hauser-OK)

GERMANY Updated A-06 of DTK T-Systems:

Adventist World Radio (AWR):

| | | |
|-----------|-----------|-----------------|
| 0500-0600 | Bulgarian | 7295 WER |
| 0700-0800 | Arabic | 15265 JUL |
| 0800-0830 | Dial Ar | 15265 JUL Wed |
| 0800-0830 | Kabyle | 15265 JUL Su-Tu |
| 0800-0830 | Tachelhit | 15265 JUL Th-Sa |
| 0800-0900 | French | 15130 JUL |
| 0900-1000 | Italian | 11775 JUL Su |
| 1900-1930 | Arabic | 15265 JUL |
| 1930-2000 | Dial | 15265 JUL We |
| 1930-2000 | Kabyle | 15265 JUL Su-Tu |
| 1930-2000 | Tachelhit | 15265 JUL Th-Sa |
| 1900-2000 | Arabic | 15130 JUL |
| 2000-2100 | French | 15265 JUL |
| 2000-2030 | Persian | 9770 WER |

Athmee Yatra He/Gospel For Asia (GFA):

| | | |
|-----------|-----------|-----------|
| 0030-0130 | SEA langs | 9435 WER |
| 1330-1430 | SEA langs | 13860 WER |
| 1430-1530 | SEA langs | 13745 WER |
| 1530-1630 | SEA langs | 13750 WER |
| 2330-0030 | SEA langs | 9640 WER |

BCE Radio Luxembourg:

0900-1700 German 7295 NAU DRM

Bible Christian Association/BCA/:

| | | |
|-----------|-----------|-------------|
| 1530-1550 | Bulgarian | 6015 NAU Su |
| 1550-1600 | Greek | 6015 NAU Su |

Bible Voice Broadcasting Network (BVBN):

0500-0530 Amharic 13810 NAU Sa

Brother Stair/The Overcomer Ministries (TOM):

| | | |
|-----------|---------|-----------------------------|
| 0900-1100 | English | 6110 JUL |
| 1200-1400 | English | 6110 JUL, cancelled |
| 1400-1600 | English | 13810 JUL |
| 1500-1600 | English | 13720 WER, new transmission |
| 1800-1900 | English | 13855 JUL |

CBS Radio Taiwan International (RTI):

| | | |
|-----------|---------|----------|
| 1600-1700 | Russian | 9760 JUL |
| 2000-2100 | Spanish | 5975 NAU |

Christian Science Monitor:

| | | |
|-----------|---------|-------------|
| 0900-1000 | German | 6055 JUL Su |
| 1800-1900 | Russian | 9440 JUL Sa |

CVC International:

| | | |
|-----------|---------|-------------------------------|
| 0500-0600 | English | 9430 WER |
| 0600-0900 | English | 15640 WER |
| 1200-1400 | English | 13830 JUL 17860 JUL |
| 1400-1500 | English | 13830 JUL 15795 JUL |
| 1500-1700 | English | 13800 JUL 15715 WER 15795 JUL |
| 1700-1800 | English | 15715 WER |
| 1800-2100 | English | 13820 WER |

Democratic Voice of Burma (DVOB):

2330-0030 Burmese 9490 WER

Deutsche Welle (DW):

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

Evangelische Missions Gemeinden:

| | | |
|-----------|---------|----------------|
| 1030-1100 | German | 6055 WER Sa/Su |
| 1100-1130 | Russian | 11840 NAU Sa |
| 1500-1530 | Russian | 11615 NAU Sa |

Free People's Mission Krefeld Inc:

| | | |
|-----------|---------|--------------|
| 1100-1130 | German | 5945 WER Sa |
| 1630-1700 | English | 11865 WER Sa |

HCBJ (The Voice of Andes):

1700-1800 German 6015 JUL

Hrvatska Radio/Voice of Croatia:

| | | |
|-----------|-----------|-----------|
| 0100-0500 | Cro/En/Sp | 9925 NAU |
| 0400-0700 | Cro/En/Sp | 9470 WER |
| 0600-1000 | Cro/En/Sp | 13820 JUL |
| 2200-0300 | Cro/En/Sp | 9925 WER |

IBC Tamil Radio:

0000-0100 Tamil 7315 WER

IBRA Radio:

| | | |
|-----------|----------------------------|-----------|
| 1730-1800 | Somali | 15450 JUL |
| 1730-1830 | Swahili | 11880 NAU |
| 1800-1900 | Fulfulde/Arabic/Kabyle/Dia | 13840 WER |
| 1830-1845 | English | 11880 NAU |
| 1900-2045 | Hausa/French/Bambara/Wolof | 9675 JUL |
| 2000-2100 | Arabic | 9840 JUL |

Mecklenburg Verpommern Baltic Radio:

1200-1300 German 6045 JUL 1st Su

Minivan (Independent) Radio:

1600-1700 Dhivehi 13620 JUL

Missionswerke Arche:

1100-1115 German 5945 WER Su

Pan American Broadcasting (PAB):

| | | |
|-----------|----------|---------------------------|
| 0030-0045 | English | 9640 WER Su |
| 1400-1415 | Armenian | 15205 NAU Tu |
| 1430-1445 | English | 15205 NAU Su 15650 JUL Su |

| | | |
|-----------|---------|--------------|
| 1545-1630 | English | 15650 JUL Su |
| 1600-1630 | Persian | 15650 JUL Th |
| 1930-2000 | English | 9430 WER Su |
| 1930-2030 | English | 9430 WER Sa |
| 2000-2015 | English | 9430 WER Th |
| 2000-2015 | English | 9430 NAU Su |
| 2000-2030 | English | 9430 WER Fr |

Radio Canada International (RCI):

| | | |
|-----------|---------|--------------------|
| 0200-0300 | Arabic | 5955 WER |
| 0300-0400 | Arabic | 7260 WER |
| 1500-1600 | English | 15360 WER |
| 1800-1900 | English | 9530 WER 13730 WER |
| 2000-2100 | English | 11765 WER |

Radio Free Asia (RFA):

| | | |
|-----------|---------|-----------|
| 0100-0300 | Tibetan | 11975 WER |
|-----------|---------|-----------|

Radio Huriyo:

| | | |
|-----------|--------|-----------------|
| 1630-1700 | Somali | 11865 JUL Tu/Fr |
|-----------|--------|-----------------|

Radio Liberty (RL):

| | | |
|-----------|-------------|-----------------------|
| 0200-0300 | Persian | 9775 WER Radio Farda |
| 0400-0500 | Persian | 15255 WER Radio Farda |
| 0500-0700 | Persian | 9510 WER Radio Farda |
| 1200-1300 | Russian | 15205 WER |
| 1500-1700 | Belorussian | 9725 JUL |
| 1600-1700 | Turkmen | 13815 WER |
| 1900-2000 | Tatar | 9650 WER |

Radio Netherlands:

| | | |
|-----------|-------|-----------|
| 0600-0655 | Dutch | 11665 JUL |
|-----------|-------|-----------|

Radio Republica:

| | | |
|-----------|---------|----------------|
| 2300-0400 | Spanish | 5910 NAU Mo-Fr |
|-----------|---------|----------------|

Radio Reveil Paroles de Vie:

| | | |
|-----------|--------|--------------|
| 1830-1900 | French | 15675 JUL Th |
|-----------|--------|--------------|

Radio Traumland:

| | | |
|-----------|--------|-------------|
| 1300-1430 | German | 5945 JUL Su |
|-----------|--------|-------------|

Radio Waaberi:

| | | |
|-----------|--------|--------------|
| 1330-1400 | Somali | 17550 JUL Fr |
|-----------|--------|--------------|

TDP Radio:

| | | |
|-----------|----------|--------------|
| 1400-1600 | Dance Mx | 6015 JUL Sat |
|-----------|----------|--------------|

Trans World Radio (TWR):

| | | |
|-----------|-----------|-------------------------|
| 0530-0545 | Slovak | 7210 JUL Mo-Fr |
| 0830-0845 | Hungarian | 6105 JUL 7210 JUL Tu-Sa |
| 1030-1100 | Slovak | 7225 JUL 9490 JUL Sa |

Universal Life (UNL):

| | | |
|-----------|---------|--------------|
| 0100-0130 | English | 9480 WER Su |
| 1100-1200 | German | 6055 JUL Su |
| 1130-1200 | German | 6055 JUL Sa |
| 1900-1930 | English | 11880 NAU Su |

Voice of America (VOA):

| | | |
|-----------|------------|----------------------------|
| 1630-1700 | Persian | 6040 WER |
| 1700-1800 | Persian | 6040 WER 7105 WER 9770 WER |
| 1800-1830 | Persian | 7105 WER 9770 WER |
| 1830-1900 | Persian | 7105 WER |
| 1730-1800 | Afan/Oromo | 11905 WER Mo-Fr |
| 1730-1800 | Azeri | 7170 WER |
| 1800-1845 | Amharic | 11905 WER |

Voice of Democratic Path of Ethiopian Unity:

| | | |
|-----------|---------|-----------------|
| 1900-2000 | Amharic | 15565 WER We/Su |
| 1900-2000 | Amharic | 15565 JUL Fr |

Voice of Oromiya Independence:

| | | |
|-----------|---------------|--------------|
| 1500-1530 | Oromo/Amharic | 15650 JUL Sa |
|-----------|---------------|--------------|

Voice of Oromo Liberation (Sagalee Bilisummaa Oromoo):

| | | |
|-----------|-------|-----------------|
| 1700-1800 | Oromo | 13830 JUL Tu-Su |
|-----------|-------|-----------------|

Voice of Russia (VOR):

| | | |
|-----------|---------|-----------------------------|
| 0100-0300 | Russian | 5945 WER "Russ.Inter.Radio" |
| 1400-1500 | Russian | 15430 JUL "Commonwealth" |
| 1900-2100 | Russian | 5985 JUL "Russ.Inter.Radio" |
| 1900-2100 | Russian | 9825 JUL "Russ.Inter.Radio" |
| 2000-2100 | Russian | 7155 WER "Russ.Inter.Radio" |
| 2200-2300 | Arabic | 6145 WER |

WYFR (Family Radio):

| | | |
|-----------|---------|-----------|
| 1500-1600 | English | 15750 WER |
| 1600-1700 | Amharic | 15750 WER |
| 1600-1800 | Turkish | 9925 JUL |
| 1700-1800 | Arabic | 13840 JUL |
| 1700-1800 | German | 3955 JUL |
| 1700-1800 | Swahili | 15750 WER |
| 1800-1900 | English | 15750 WER |
| 2000-2100 | Arabic | 9705 JUL |
| 2000-2100 | French | 11895 JUL |

(DX Mix—Bulgaria)

INDONESIA 3995.04 **RRI Kendari** 1259-1304 July 2. SCI and Jakarta program. Fair at best; site presumed. Still have not ID'ed this one. (Wilkins-CO/Cumbre DX/Johnson-WY)

4604.96 **RRI Serui** 1158-1221+ Jul 8. Fair signal with vocal mx to 1201, then M anc with ID; joined Jak nx in progress at 1201:30; back to local programming (music) at 1219. During Jak relay was // to 4749.96, 3995.04, 3976.06, 3987.04, and 4790.04. The Indos seem to like operating+/- .04 kHz from nominal freqs. (Wilkins-CO/Cumbre DX/Johnson-WY)

4749.90 **RRI Makassar**, 1045-1105 Noted steady Hindu type music until 1058. At that time woman comments briefly in Indonesian, then theme music. This followed by time ticks and Man with canned ID. On the hour news until 1105 when music continuous. Signal was fair to poor. (Chuck Bolland-FL/Cumbre DX/Johnson-WY)

4870.90 **RRI Sorong**, 0908-0930 Noted local type music during period. Occasionally a woman talks after music as she did at 0922 when Koran was recited. The signal was at a fair level during this time frame. (Chuck Bolland-FL/Cumbre DX/Johnson-WY)

7289.86 **RRI Nabire** Jul 05 0747-0800* 25442-25342 Indonesian, Music and talk, ID at 0800, RPK, 0800 sign off, (Hashimoto-JPN/Japan Premium/Iwata Gaku)

IRAN Additional transmission for **VOIROI / IRIB** in Hebrew:

1200-1227 13685 SIR 15260 KAM

(DX Mix—Bulgaria)

JAPAN NHK said Tuesday it plans to cut its radio programs in Italian, German, Swedish and Malay and shift its emphasis to television programs for its international services.

The cut, the first-ever reduction to the number of languages the public broadcaster uses in its programs, will take effect in October 2007.

Currently, NHK transmits shortwave radio programs in 22 languages.

Shortwave radio programs for Europe, excluding Russia, and for North America and Hawaii, will also be trimmed, according to NHK.

French programs will be limited to audiences in Africa and those in Spanish restricted to Latin America, it said.

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.

More than 100 million yen will be saved as a result of the reductions and those funds will be used to increase programs in English. (Japan Times/Liangas-GRC/Cumbre DX/Johnson-WY)

KOREA—NORTH Summer schedule for **Voice of Korea** Pyongyang:

| | | |
|------|----------|----------------------------------|
| 0000 | Chinese | 13650 15100 |
| 0000 | Korean | 7140 9345 9730 |
| 0000 | Spanish | 11735 13760 15180 |
| 0100 | English | 7140 9345 9730 11735 13760 15180 |
| 0100 | French | 13650 15100 |
| 0200 | Chinese | 7140 9345 9730 |
| 0200 | English | 13650 15100 |
| 0200 | Spanish | 11735 13760 15180 |
| 0300 | Chinese | 13650 15100 |
| 0300 | English | 7140 9345 9730 |
| 0300 | French | 11735 13760 15180 |
| 0700 | Japanese | 3250 9650 11865 |
| 0700 | Korean | 7140 9345 |
| 0700 | Russian | 9975 11735 13760 15245 |

| | | |
|------|----------|-----------------------------------|
| 0800 | Chinese | 7140 9345 |
| 0800 | Japanese | 3250 9650 11865 |
| 0800 | Russian | 9975 11735 13760 15245 |
| 0900 | Japanese | 3250 6070 9650 11865 |
| 0900 | Korean | 7140 9345 9975 11735 13760 15245 |
| 1000 | English | 11710 11735 13650 15180 |
| 1000 | Japanese | 3250 6070 9650 11865 |
| 1000 | Korean | 7140 9345 |
| 1100 | Chinese | 7140 9345 |
| 1100 | French | 11710 11735 13650 15180 |
| 1100 | Japanese | 3250 6070 9650 11865 |
| 1200 | Japanese | 3250 6070 9650 11865 |
| 1200 | Korean | 7140 9345 11710 11735 13650 15180 |
| 1300 | Chinese | 11735 13650 |
| 1300 | English | 9335 11710 13760 15245 |
| 1300 | Korean | 9325 12015 |
| 1400 | French | 9335 11710 13760 15245 |
| 1400 | Korean | 11735 13650 |
| 1400 | Russian | 9325 12015 |
| 1500 | Arabic | 9990 11545 |
| 1500 | English | 9335 11710 13760 15245 |
| 1500 | Russian | 9325 12015 |
| 1600 | English | 9990 11545 |
| 1600 | French | 9335 11710 13760 15245 |
| 1600 | German | 9325 12015 |
| 1700 | Arabic | 9990 11545 |
| 1700 | Korean | 9335 11710 13760 15245 |
| 1700 | Russian | 9325 12015 |
| 1800 | English | 13760 15245 |
| 1800 | French | 7100 9975 11535 11910 |
| 1800 | German | 9325 12015 |
| 1900 | English | 7100 9975 11535 11910 |
| 1900 | German | 9325 12015 |
| 1900 | Spanish | 13760 15245 |
| 2000 | French | 13760 15245 |
| 2000 | Korean | 7100 9325 9975 11535 11910 12015 |
| 2100 | Chinese | 7180 9345 9975 11535 |
| 2100 | English | 13760 15245 |
| 2100 | Japanese | 3250 9650 11865 |
| 2200 | Chinese | 7180 9345 9975 11535 |
| 2200 | Japanese | 3250 9650 11865 |
| 2200 | Spanish | 13760 15245 |
| 2300 | Japanese | 3250 9650 11865 |
| 2300 | Korean | 7180 9345 9975 11535 13760 15245 |

(DX Mix—Bulgaria)

KOREA—SOUTH Summer schedule for **KBS World Radio**

| | | |
|-----------|------------|------------------|
| 0000-0100 | Indonesian | 9805 |
| 0000-0100 | Japanese | 11810 |
| 0100-0200 | Korean | 15575 |
| 0100-0200 | Spanish | 11810 |
| 0200-0300 | English | 9560 11810 15575 |
| 0300-0400 | Korean | 11810 |
| 0600-0630 | Spanish | 6045 |
| 0700-0800 | German | 15210 |
| 0700-0800 | Korean | 9535 |

| | | |
|-----------|------------|---------------------|
| 0700-0800 | Spanish | 13670 |
| 0800-0900 | English | 9570 9640 |
| 0800-0900 | French | 15210 |
| 0800-0900 | Japanese | 5975 7275 |
| 0900-1000 | Korean | 15210 |
| 0900-1100 | Korean | 9570 9640 |
| 1000-1100 | Spanish | 9580 |
| 1100-1200 | Japanese | 7275 |
| 1100-1200 | Russian | 5975 6135 |
| 1100-1200 | Spanish | 11795 |
| 1130-1230 | Chinese | 6065 9770 |
| 1200-1300 | English | 9650 |
| 1200-1300 | Indonesian | 9570 |
| 1200-1300 | Japanese | 5975 6135 |
| 1200-1300 | Korean | 7275 |
| 1230-1300 | Vietnamese | 9770 |
| 1300-1400 | Chinese | 5975 6135 7275 |
| 1300-1400 | English | 9570 9770 |
| 1400-1500 | Indonesian | 9570 |
| 1400-1500 | Japanese | 5975 7275 |
| 1400-1500 | Korean | 9650 |
| 1500-1530 | Vietnamese | 9640 |
| 1600-1700 | English | 5975 |
| 1600-1700 | French | 7150 |
| 1600-1700 | Russian | 9515 |
| 1600-1800 | Korean | 7275 15575 |
| 1700-1900 | Korean | 5975 7150 7275 9515 |
| 1800-1900 | French | 15575 |
| 1800-1900 | Russian | 15360 |
| 1900-2000 | Arabic | 15365 |
| 1900-2000 | English | 5975 7275 |
| 1900-2000 | French | 6145 |
| 1900-2000 | Russian | 7150 9515 |
| 2000-2100 | Arabic | 7150 |
| 2000-2100 | Chinese | 5975 |
| 2000-2100 | German | 3955 |
| 2000-2100 | Russian | 7275 |
| 2000-2100 | Spanish | 9515 |
| 2100-2130 | English | 3955 |
| 2100-2300 | Korean | 5975 |
| 2200-2300 | Indonesian | 9805 |
| 2300-2400 | Chinese | 5975 7275 9805 |

(DX Mix—Bulgaria)

LUXEMBOURG RTL may soon be back on short-wave. Broadcasting Centre Europe (BCE) has registered a number of frequencies for mainly French and English broadcasts analogue and DRM. Seemingly the old 10kW unit on former 15350 channel is registered again, at least two additional directional antennas at 220 and 300 degrees needed in future. Registrations for LUX BCE via Junglist are:

| | | |
|-------|-----------|--------------------------------------|
| 5925 | 0800-1000 | 10kW English |
| 5935 | 0800-1500 | 10kW French |
| 5945 | 0400-0600 | 10kW French |
| 5990 | 0000-2400 | 50kW French DRM |
| 6035 | 0400-0800 | 10kW English, 1000-1800 10kW English |
| 6055 | 0600-0800 | 10kW French |
| 6095 | 0000-2400 | 50kW German DRM |
| 25795 | 0000-2400 | 1kW English DRM |

Via Julich and Nauen:

| | | |
|------|-----------|--------------------|
| 7145 | 0800-1900 | 40kW DTK tent. DRM |
| 7295 | 0800-0900 | 40kW DTK tent. DRM |
| 7295 | 0900-1700 | 40kW DTK DRM |

(Wolfgang Buschel via WWDXC/NZ DX Times)

MADAGASCAR 27 July noted *Radio Madagascar* on 5000 instead of normal 5010. Heard them from tune-in 1750 until s-off 1900. No spoken id, but normal s-off with N/A and couple of IS's at 1900. (Jari Savolainen-FIN/Cumbre DX/Johnson-WY)

Frequency change for *Family Radio* via Madagascar:

1800-1900 Swahili NF 5870, ex-5905.

(RN News/NZ DX Times)

MOLDOVA Frequency change for *Radio DMR* Pridnestrovye: NF 5965 KCH, ex 5910 as follows:

| | | |
|-----------|---------|-------|
| 1600-1620 | English | Mo-Th |
| 1600-1640 | English | Fr |
| 1620-1630 | German | Mo/We |
| 1620-1640 | French | Tu/Th |

(DX Mix—Bulgaria)

NEW ZEALAND *Radio New Zealand International* updated:

| | |
|-----------|-------|
| 0459-0658 | 9615 |
| 0659-1059 | 7145 |
| 1100-1259 | 9870 |
| 1300-1650 | 7145 |
| 1650-1850 | 6095 |
| 1851-1950 | 9630 |
| 1951-2235 | 15720 |
| 2236-0458 | 13730 |

DRM:

| | |
|-----------|-------|
| 0459-0658 | 9440 |
| 0659-1300 | 6095 |
| 1300-1650 | 6095 |
| 1651-1850 | 7145 |
| 1851-1950 | 9440 |
| 1951-2235 | 13730 |
| 2236-0458 | 15720 |

(July 3rd, Media Network blog/DX Listening Digest/Hauser-OK)

NIGER 9704.98 *ORTN, La Voix du Sahel*, Niamey, 1650(fade in)-2200* (Jul 20 still heard at 2245), Jul 18, 19 and 20 on 9704.0v, Jul 22, 23 and 25 on 9705.0v; back on the air after 12 months absence, scheduled *0500-2300*! Unstable transmitter with breakdowns, e.g. 1655-1700 and 1835-1852. Best reception 1700-1750 and after 2100. African music, talks and news in Vernacular languages, from 1857 drums, 1859 time pips, ID "La Voix du Sahel," flute and guitar, news in French, 2220 phone-in program, best in LSB. (Bueschel, Green, Ivanov, Kuhl, Koie, Petersen, Ratzler and Savolainen/DSWCI DX-Window/Petersen-DK)

PAKISTAN Frequency change of *Radio Pakistan*:

1330-1530 Urdu WS NF 9380, ex 9375

1600-1615 English NF 9380, ex 9375

(DX Mix—Bulgaria)

New broadcast in English:

0730-0830 15100 17835

(John Norfolk via DXLD/NZ DX Times)

PERU 6090 *Radio Universal*, Cusco (presumed location) has received back its licence to broadcast at 1100-1400 from the Ministerios de Transportes y Comunicaciones in Lima. Director and owner is señor Luis Villasante. Reception reports should be sent to seor Carlos Gamarra Moscoso, director de frecuencias de Radio la Hora, Av. Gracilazo 4II distrito de Wanchag, Cusco. (Carlos Gamarra in Conexión Digital via Romero/DSWCI DX-Window/Petersen-DK)

ROMANIA Frequency change for *Radio Romania International* in Russian:

1600-1656 NF 7175 TIG, ex 7120

(DX Mix—Bulgaria)

RUSSIA 3955 Buryatskaya GTRK is now on this new frequency instead of 4795. (Feodor Brazhnikov, Irkutsk, Russia/DSWCI DX-Window/Petersen-DK)

Frequency changes for *Voice of Russia*:

1000-1100 Japanese NF 7175 VLD, ex 7315

1500-1600 Arabic NF 11645 S.P., ex 12005

1700-1800 Polish NF 9615 SAM, ex 5925, re-ex 5810

1700-1800 Polish NF 5925 SAM, ex 5810

(DX Mix—Bulgaria)

Frequency changes for *Trans World Radio Europe*: NF 5910 ARM, ex 6245 as follows:

1445-1530 Polish Su

1500-1530 Polish Mo-Sa

1530-1600 Hungarian

NF 5910 ARM, ex 6245 NF 7345 S.P., ex 7390 as follows:

1600-1615 Czech Mo/Tu/Th/Fr

1600-1630 Romanian Sa

Frequency change of *Deutsche Welle* in Persian:

1730-1930 NF 7270 ARM, ex 7375 // 13800 WER 500

Deleted transmission of *Deutsche Welle* in DRM:

0400-0600 German 9690 MSK

Frequency change for *RNW*:

1300-1357 Dutch NF 5910 P.K., ex 5880

Frequency change for *Vatican Radio*:

1230-1300 Russian NF 5905 NVS, ex-6210

Frequency changes for *WYFR Family Radio*:

1000-1100 Japanese NF 7150 K/A, ex 7380

1300-1500 English NF 9415 NVS, ex 7580

1500-1700 Hindi NF 9415 NVS, ex 7580

1800-1900 Polish NF 9615 SAM, ex 5925, re-ex 5810

1800-1900 English NF 7240 SAM

1900-2000 Arabic NF 7240 SAM

1900-2000 German NF 7340 SAM, ex 7370

(DX Mix—Bulgaria)

SERBIA Following the formal recognition by the Serb government of the independence of Montenegro, the Belgrade-based international broadcaster has changed its name to "*International Radio Serbia*." Both the radio broadcasts and website are now using this name, though some pages of the website haven't yet been updated (Andy Sennett, Media Network via DXLD/NZ DX Times)

SLOVAKIA The Minister of Culture, Marek Madaric, has stated that he regards the external service of *Radio Slovakia* as very important. The Slovak State should finance it. He has asked the Director General of the Slovak Radio to look into the possibilities to reestablish these broadcasts on SW. He would try to ensure the financial means. (German News from RSI website, 21.07.2006 via Cobisi and Koie/DSWCI DX-Window/Petersen-DK)

SWEDEN Frequency change for *Radio Sweden* in Russian:

1700-1730 NF 7475 HBY, ex 7465

(DX Mix—Bulgaria)

Because of the crisis in the Middle East involving Israel and Lebanon, *Radio Sweden* is adding two extra transmissions for Swedish listeners in the region. The domestic service half hour news program Lunchekot is being relayed daily at 1030 UTC on 9490 and 21810 kHz. The Radio Sweden broadcast at 1200 UTC is also being broadcast to the region on 21810 kHz. Unfortunately this means the 1200 UTC transmission to Asia on 15735 kHz is cancelled. (Radio Sweden, July 14 via RNW MN NL/WWDXC BC-DX Top News/Bueschel-DE)

TURKEY Frequency changes for *TRT Voice of Turkey* in Turkish:

0800-1055 NF 21730 EMR, ex 21715

2200-0055 NF 7230 EMR, ex 7300

(DX Mix—Bulgaria)

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

1030-1100 Korean 9855 TAI Su/We

1030-1100 English 9855 TAI Mo/Th

1030-1100 Japanese 9855 TAI Tu/Fr

1030-1100 Chinese 9855 TAI Sa

1900-1930 Japanese 9780 TAI

2000-2130 Japanese 9785 TAI

Deleted transmissions of **Radio Mustaqbal** via VT Communications:

0600-0630 Somali 15515 DHA Mo-Th/Sa
 0635-0705 Somali 15515 DHA Mo-Th/Sa
 0710-0740 Somali 15515 DHA Mo-Th/Sa
 0745-0815 Somali 15515 DHA Mo-Th/Sa

(DX Mix—Bulgaria)

UNITED STATES Frequency change for **WYFR Family Radio** in English:

1900-2000 NF 7370 MDC, ex 7395

Frequency changes of **Radio Liberty, Radio Free Asia, Voice of America**

1100-1300 RL Russian NF 11700, ex 11705
 1600-1700 RL Uzbek NF 12150, ex 11875
 KWT
 2230-2330 RFA Khmer NF 7520, ex 9490
 1400-1500 RFA Vietnamese NF 9310, ex 11680
 2330-0030 RFA Vietnamese NF 7525, ex 12110
 1730-1800 VOA Azeri NF 7595, ex 7125
 1130-1200 VOA Burmese 11850 15215 17820

>>> cancelled
 1430-1530 VOA Burmese 9330 11910 12120,
 ex 1430-1500 on
 5955 12015 12120

(DX Mix—Bulgaria)

LOTSAS PLACES Updated summer A-06 of **FEBA Radio**:

0030-0045 Bangla 7375 TAC Mo-Th
 0030-0045 Bhojpuri 7375 TAC Fr/Sa
 0030-0100 Hindi 7375 TAC Su
 0030-0100 Tamil 7365 ERV Su/Mo/Fr
 0030-0115 Tamil 7365 ERV Tu-Th/Sa
 0045-0100 Chattisgarhi 7375 TAC Mo
 0045-0100 Hindi 7375 TAC We/Fr/Sa
 0045-0100 Magahi 7375 TAC Th
 0045-0100 Oriya 7375 TAC Tu
 0100-0115 Badaga 7365 ERV Fr
 0100-0115 Kannada 7365 ERV Mo
 0100-0130 Hindi 9820 MOS Daily
 0100-0130 Kannada 7365 ERV Su
 0115-0130 English 7365 ERV Tu-Fr
 0115-0130 Malayalam 7365 ERV Mo/Sa
 0130-0145 Marathi 9820 MOS
 0130-0200 Telugu 9855 DHA
 0200-0215 Pashto 9855 DHA
 0200-0215 Punjabi 12035 NVS We
 0200-0215 Urdu 12035 NVS Mo/Fr/Sa
 0200-0230 Urdu 12035 NVS Th
 0200-0245 Urdu 12035 NVS Su/Tu
 0215-0230 Pothwari 12035 NVS We/Fr
 0215-0230 Punjabi 12035 NVS Mo/Sa
 0215-0230 Sindhi 6145 DHA Fr-Su
 0215-0230 Siraiki 6145 DHA Mo-Th
 0215-0245 Dari 9855 DHA
 0230-0245 Baluchi 6145 DHA Fr-Mo
 0230-0245 Brahui 6145 DHA Tu-Th

0230-0245 Pothwari 12035 NVS Sa
 0230-0245 Punjabi 12035 NVS Th/Fr
 0230-0245 Urdu 12035 NVS Mo/We
 0245-0300 Hazaragi 9855 DHA
 0245-0300 Hindko 12035 NVS
 0245-0300 Pashto 6145 DHA
 0400-0500 Arabic 15530 SAM
 0445-0500 Baluchi 6125 DHA Fr
 0500-0530 Arabic 15530 SAM Fr-Su
 0500-0530 Sinhala 6125 DHA Fr
 0530-0630 Malayalam 6125 DHA Fr
 0630-0700 Tamil 6125 DHA Fr
 1200-1230 Tibetan 15355 DHA
 1300-1400 Ni 12000 DHA
 1400-1415 English-sport 9500 NVS
 1400-1415 Nepali 9530 TAC Sa
 1400-1415 Urdu 9530 TAC Su-We
 1400-1430 Malayalam 11955 DHA
 1400-1445 Urdu 9530 TAC Th
 1400-1500 Hindi 9530 TAC Fr
 1415-1500 Hindi 9530 TAC Sa-We
 1415-1500 Urdu 9500 NVS Su/Mo/Th/
 Fr
 1415-1515 Urdu 9500 NVS Tu/We/Sa
 1430-1445 Konkani 11955 DHA Sa
 1430-1445 Telugu 11955 DHA Su-Fr
 1430-1500 Nuer 12125 MEY
 1445-1500 Hindi 9530 TAC Th
 1445-1500 Kannada 11955 DHA Mo/Tu/
 Th-Sa
 1445-1500 Lambadi 11955 DHA Su
 1445-1500 Tulu 11955 DHA We
 1500-1515 Balti 9500 NVS Su/Mo/Th/
 Fr
 1500-1545 English-sport 7320 IRK
 1530-1545 Dinka 12125 MEY
 1530-1600 Pashto 9495 ARM
 1530-1600 Persian 9850 ARM
 1545-1600 Makonde 12125 MEY
 1600-1615 Baluchi 9850 ARM Sa/Su
 1600-1615 English-sport 9850 ARM Fr
 1600-1615 Persian 9850 ARM Th
 1600-1615 Turkmen 9850 ARM Mo-We
 1600-1630 Afar 11655 ARM
 1600-1630 Amharic 12125 MEY Th-Su
 1600-1630 Dari 9495 ARM
 1600-1630 Guragena 12125 MEY Mo-We
 1630-1645 Hazaragi 9495 ARM
 1630-1700 Amharic 9865 DHA Tu-Sa
 1630-1700 Amharic 12125 MEY
 1630-1700 Tigrinya 9865 DHA Su/We
 1645-1700 Uzbek 9495 ARM
 1700-1730 Oromo 6180 DHA
 1700-1730 Somali 9865 KIG
 1730-1757 Tigrinya 9865 KIG
 1830-1900 French 15130 ASC
 1900-2030 Arabic 9550 KIG
 2145-2215 Hasinya/Pulaar 11985 ASC Th/Fr

(DX Mix—Bulgaria)



Pirate Radio Report

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

Hello and welcome to the August 2006 edition of the *Pirate Radio Report*. Oops, I did it again [with apologies to Britney Spears!] and missed the deadline for July, so don't blame the publisher, it was me! Despite lots of the usual summertime static, there has been quite a lot of pirate activity on the bands of late, **MAC Shortwave**, which usually operates on 6950 kHz in the AM mode has been heard frequently, as well as, The Poet of **The Crystal Ship** on 6876 kHz. On to the logs!

Many thanks to the following fine folks who sent in their logs to us! Joe Wood-TN, George Zeller-OH.

Canada or Canadian Free Radio, this new station was heard on 6925 kHz USB from 0134 to 0144 sign off on July 1st. Very heavy static. The only readable bit was Canadian National Anthem at 0143. Poor-Very Poor reception. [Wood-TN]

Crystal Ship [The], noted on their usual 6875 kHz on June 26th from 0030-0440 UTC+. Presumed broadcast from The Crystal Ship based on frequency used. Mx by the Beatles included: "Paperback Writer," "All My Loving," "I Need You," and others. Reception hampered by heavy static and became virtually unreadable by 0040. Poor. [Wood-TN]

Ground Zero Radio, logged on 6925 USB from 0117-0152 sign off on July 2nd. With an S10=343+. Began w/trumpet fanfare by an orchestra, into a program saying goodbye to the Elkhorn maildrop. Several renditions of "Happy Trails" by Roy Rogers and Dale Evans. Ad for girls gone wild video during the hurricane. Announced a contest over the holiday weekend with prizes of either a grenade AM xmtr or a corsair xmtr. Said that this was the last opportunity to use the Elkhorn addresses, and that they would be broadcasting on unusual frequencies during the holiday weekend. Hoped to get reports on those odd freqs, given the xmtr prizes in the contest. [Zeller-OH]

James Bond Radio, noted on 6925 USB at 0040-0120 sign off on July 8th with an S10 of 333. Program mainly of music from James Bond movies. Multiple IDs simply as "James Bond" or "This is James Bond" by OM. No address given. [Zeller-OH]

MAC Shortwave [Radio]. One of the more active pirates this summer, was logged on 6950 kHz in AM mode of operation on July 7th at 0139-0200+. Music by BOC, Greg Allman, and others with numerous IDs and QSL information as MACshortwave@yahoo.com. Nice commentary between numbers. Faint with static. [Wood-TN]

North Woods Radio, noted on 6925 USB from 2331-0035 sign off on July 8th S10: 252+. Sign on with a Loon or other bird noise. Program of obscure old rock mx mixed with a couple of familiar tunes such as "Hit the Road Jack," "King of the Road," and "West Virginia" by John Denver. [Zeller-OH]

Random Radio logged on 6925 USB at 0035 to 0042 sign off on July 9th. Oldies rock such as Donovan's "Hurdy Gurdy Man," plus a couple of IDs by OM who did not give an address, but who asked for reports to the FRN. [Zeller-OH]

Sunshine Radio and Grasscutter Radio joint broadcast. Logged on 6925 USB from *0008-0039* on July 2nd with an S10 of 242. Started out with a program of rock w/YL IDs as Sunshine R. Later in the show, Grasscutter R. IDs were also given by an OM, saying that this was a joint broadcast of the two stations. Weak level and fair to poor reception, but IDs definite. (Zeller-OH)

WBNY, The Anti-Monkey Station, logged on 6925 USB at 2331-2336 UTC on July 10th. Several IDs as both WBNY and Radio Bunny along with parody tunes. Station address given as POB 1, Belfast, NY 14711, USA. Fair. [Wood-TN]

Until next month, have a great summer and as usual, Happy Pirate DXing!



TRANSMITIENDO GRATAS NUEVAS ALEGRES
Telling the Good News Abroad

From
GUATEMALA
"Beautiful land
of the Quetzal"



Frequencies:
730 khz
5,955 khz
9,505 khz
100.8 mhz

Facts:

The Quetzal is the national emblem of Guatemala. This bird seldom survives in captivity, hence, symbol of liberty.

"If the Son (Christ) therefore shall make you free, ye shall be free indeed".

John 8:36.

GERMANY: Voice of America
9485 via Julich p/d
ltr. in 5 wks. (Barto).
HUNGARY: Radio Budapest
9795 f/d B&W "Magyar
Radio" cd. featuring
a woman announcer in
front of an old fash-
ion microphone in 28
ds. Also rcvd. sched-
ule and a world map
pin. (D'Angelo-PA).
f/d archive pictures
cd. w/ schedule and a
short personal mess-
age in 22 ds. for
\$1.00. (Wood-MA).

MALAGASY REPUBLIC: Radio Madagascar 5010

* f/d ltr. in Fr in 3 mos. after several attempts. Very pleased w/ this one. (Field-MI).

SLOVAKIA: Radio Slovakia International 9440 via Rimavska Sobota f/d

"Bratislava - The Presidential Palace" cd. in 42 ds. (Humenyk-ONT).

SOUTH AFRICA: WYFR 11655 via Meyerton f/d cd. in 2 mos. w/ large sticker, pennant and religious materials. (Field-MI).

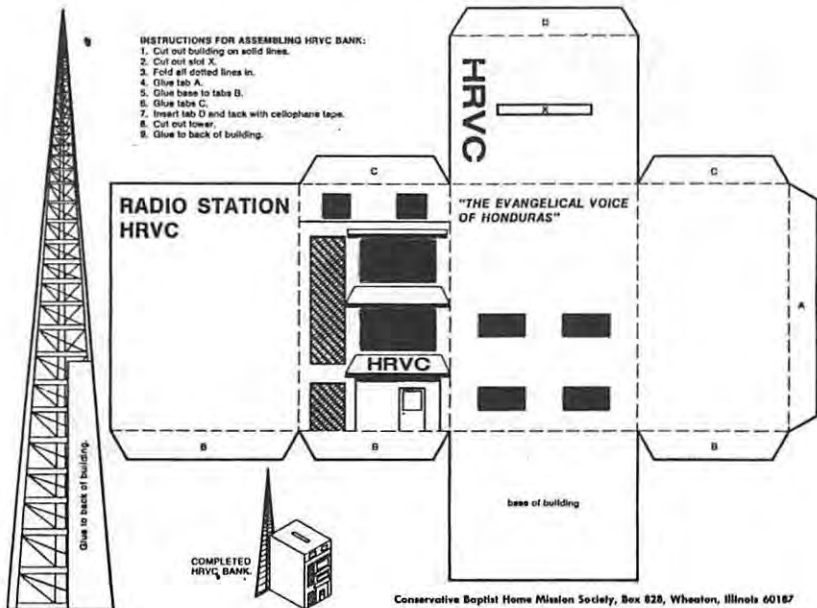
UKRAINE: Radio Ukraine International 7440 f/d "Greetings from Kyiv" cd w/ program schedule in 23 ds. (D'Angelo-PA). f/d "Kiev Night Lights in Independence Square" cd. in 40 ds. w/ schedule. (Humenyk-ONT).

USA (Pirate): MAC Shortwave 6950.5 e-mail reply in 8 ds. (D'Angelo-PA)

VATICAN CITY: Radio Vatican 7305 via Santa Maria Di Galeria f/d "Transmitting Tower" cd. in 40 ds. w/ schedule and calendar. (Humenyk-ONT)

Quite a short QSL Column this month. It must be vacation season.

Till next time....



Conservative Baptist Home Mission Society, Box 828, Wheaton, Illinois 60187


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 |
| Forrest S. BISHOP, Cincinnati, OH | Sangean ATS-909 with a built-in antenna |
| Mike BRANCO, Islip, NY | No equipment listed |
| 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 |
| Gerry DEXTER, Lake Geneva, WI | NRD-515, NRD-545 |
| 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' |
| Terry KRUEGER, Clearwater, FL | no equipment listed |
| William McGUIRE, Cheverly, MD | DX-380 |
| Sheryl PASZKIEWICZ, Manitowoc, WI | ICOM R-8500, NRD345, AOR LA-350 loop |
| Jim RONDA, Tulsa, OK | FRG-100B, FRG-7, Eavesdropper |
| Clem SHEMANSKI, Cape Fear, NC | Sony SW07, ANT-60 |
| 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 |

Please note that I have a new e-mail address, rmonty23@verizon.net, as shown above. 

Company Store

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

Hello everyone. I mainly have a couple of reminders this month. First, don't forget we are stocking copies of reprints of the highly respected *Fine Tunings'* volumes. We're offering catalogs in 2 flavors. A 5 page "mini" catalog for \$2 and a 20 page "premium" edition for \$5. The 20 page catalog is an expanded version of the 5 page version that includes more information about each article. Next, we have ball caps with the club logo for \$12 plus postage. Also, don't forget the 1947-1958 *WRTH* CD compilation. These are shipped directly from Germany and are available for only \$60. In the short time they have been available they have earned high praise. All orders should be sent to me at the address listed on the masthead. All prices are in US dollars. Finally, watch this space next months for information about prepublication offers for the 2007 *Passport to World Band Radio* and maybe an offer for the 2007 *WRTH*. As always, if there is something that you would like to see something added to the "Store" offerings, let me know. Good listening. Mike 

Please note that the catalog on the back cover is incorrect. For this month, please use the catalog included within the pages of the Journal. -ed.

Tropical Band Loggings

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


- 3185 **USA WWRB** Manchester, TN 0440 Bro. Stair with his views on the current events in the Middle East. Good 7/22. (Wood-TN) 0156-0211 M EE preaching, rel mx, ID; fair 6/28. (Bishop-OH)
- 3240 **SWAZILAND TWR** 0325 in Shona (listed) rel pgm; poor 6/27. (Ronda-OK)
- 3249v **HONDURAS R. Luz y Vida** 0130 EE, usual reg prgms. Consistently good throughout the week in this time period. F/G 6/26. (Ronda-OK) 3250.05, 1015-1035 SS, M w/ longer YL response; full ID 1033, start pgm. of mellow music. Fair 6/27. (Taylor-WI)
- 3291v **GUYANA GBS** 0210 marimba-like mx F/P 7/2. (Ronda-OK)
- 3340 **HONDURAS HRMI** R.Misiones Int. 0328 SS gospel songs; presumed ID 0332. Poor 6/27, better next day. (Ronda-OK)
- 4052v **GUATEMALA R. Verdad** 0120 EE gospel songs; good 6/29. (Ronda-OK)
- 4754v **BRAZIL R. Educacion** Campo Grande 0340 PP talk, into what sounded like an interview w/M&W speakers; fair 6/27. Also 0430-0500 fragments of PP talk heard; very poor 6/18. All in severe QRN. (Ronda-OK)
- 4770 **NIGERIA R. Nigeria** 0427-0443 OC, drum IS 0433; choral NA 0435, prayer, M ID & open anmts in EE, then rel talk; fair 7/7 with some UTE QRM. Also 0524-0547 EE, W ancw w/talk about the economy; ID 0530, the rel pgm, choir vocals & talks; P/F 7/23. (D'Angelo-PA)
- 4775 **SWAZILAND TWR** 0400 opening w/chorus & flute, into GG 0405; heavy UTE QRM of some kind sending three short pulses and one long, 7/1. (Dexter-WI) *0428-0441, in EE; familiar IS, then M EE ID, opening anmts, canned EE rel pgm; fair 7/12 with some CODAR QRM. (D'Angelo-PA)
- 4777 **GABON R. Gabon** 0500-0513 in FF; apparently missed opening but caught several "Radio Gabon" IDs by M&W ancws. A man with talk followed by highlife vocals. Good 6/24. (D'Angelo-PA)
- 4780 **GUATEMALA R. Cultural Coatan** San Sebastian 0125 SS Ranchiero guitar music; poor 6/7. (Hunt-SC) 0202-0238 rustic vocals & instls alternating with brief talks by a M ancw; nice ID & s/off routine 0234 followed by a canned ID and anmts. Closed with soft music. P/F 7/19. (D'Angelo-PA)
- 4790 **PERU R. Vision** 0242-0320 SS call in pgm; preaching, songs, including a SS version of "When The Roll is Called Up Yonder I'll Be There"; SS ID 0300; tough going 0340 recheck but still there; F/P 6/27. (Ronda-OK) (P) 0353 ending a music selection; woman talking, then man with bit of echo effect. Seemed to go off 0400. Fighting an ocean of noise plus heavy QRN 7/1. (Dexter-WI) (P) 0340 long SS talk, some music, possible ID by man over music at 0356 and off at 0359. Best signal yet despite CODAR QRM but still not a positive ID. 7/6. (Dexter-WI) 4790.2, 0254-0335 SS group rel vocals, M ancw, ID, another M with long preaching session. Fair with some CODAR QRM, 6/27. (D'Angelo-PA)
- 4810 **MEXICO XERTA** 0210 SS coverage of Mexican presidential election. F/P 7/4. (Ronda-OK) 0401SS, pop-ish vocals, man at 0419. Fair, with hum, 7/6. (Dexter-WI) 0353-0423 in SS; various M ancws w/talks blowing through ToH without an ID; 0419 music signifying end of program followed by ID & anmts. Fair but needed LSB otherwise it would have been a mess. 7/22. Also 0856-0924 SS; M w/talk w/brief musical segment ending program at 0910, followed by another man with ID at 0911. Vocals and instrumental music program followed. Poor to fair signal with slight CODAR QRM but needed LSB to avoid awful noise on the channel, 7/4. (D'Angelo-PA) 4810.15, 0850-0910 SS, mx w/M&W ancws; mx through ToH; ID 0906, mx. Only LSB usable due to severe QRN on USB. Poor 7/21. (Taylor-WI)
- 4845 **MAURITANIA R. Mauritaine** 0050-0101* AA, pop-like mx, brief YL into M w/Koran. W w/ presumed ID 0100 into AA pop/rap music until cut-off at 0101. Fair 7/20. (Barbour-NH)
- 4885 **BRAZIL R. Clube do Para** 0235 PP, light classical pianomx & vocals; poor 6/26; better on 6/27 at 0320. (Ronda-OK) 0247-0303 in PP; ballad, M w/DJ chatter including ID (0258), sfx, jingle w/ ID, station slogans, lively music. F/P 7/16. (Taylor-WI)
- 4910 **ZAMBIA R. Zambia** 0254 bouncy Afro-pop vocals. Fair-poor 6/26. (Ronda-OK)
- 4915 **GHANA GBC** 0559-0611 in EE, mx, 4+1 time pips, "This is the Ghana Broadcasting Corp. from Accra. Here is the news." News read by M. & W. alternating, pgm. of correspondent reports, Fair 6/13. (Taylor-WI)
- 4960 **USA WHRI** Cypress Creek, SC 0456-0516 M ancw w/nx & ments of New World Order; ID 0458; addresses for rx reports; fair; // 5860 was good; 7/22. (Wood-TN)

- 4965 **ZAMBIA Voice Africa** 0050 in EE w/Christian Choir with female lead singer singing. Poor signal. 06/07. (Hunt-SC)
- 5005 **EQ. GUINEA RN-Bata** 2236-2259* SS, continuous Hi-life music, NA at s/off. Fair 6/3. (Barbour-NH) 0503-0538 M SS talk, ID, long talks by two men. Re-tune at 0538 and station was barely hanging in there. Poor with deep fades 7/18. (D'Angelo-PA)
- 5010 **MADAGASCAR R. Madagasikara** *0256-0339 open carrier followed by choral National Anthem; M gave opening ID & anmts, then music; then M&W began discussion program. Fair 6/22 and first time noted in quite sometime. (D'Angelo-PA)
- 5030 **BURKINA FASO R. Burkina** 2306-2323 FF phone in pgm w/ a few short, musical bits. Fair 6/3. (Barbour-NH)
- 5050 **USA WWRB** 0316-0331 M EE sermon, no ID 0330; fair 6/24. (Bishop-OH)
- 5070 **USA WWCR** 0334 talk abt "New World Order"; good 6/24. (Bishop-OH)
- 5446u **USA AFRTS** Key West 0521-0526 M in EE w/"Overnight America" program with listeners' call ins dealing with American Professional football. Fair 7/22. (Wood-TN)
- 5500 **ETHIOPIA** (to Eritrea) **Voice of Tigrey Revolution** *0355-0412 in presumed Tigrinya language, Familiar musical IS followed by a man speaking. This used to be a powerhouse but today it was quite weak and only identifiable by the IS. 6/25 (D'Angelo-PA)
- 5765 **USA WWCR** 0417-0432 Alan Jones show, ads; F/G 6/24. (Bishop-OH)
- 5810 **USA WEWN** 0435-0450 EE talks about Catholic Church; good 6/24. (Bishop-OH)
- 5850 **USA WHRA** 0456-0459* call in program; fair 6/24. (Bishop-OH)
- 5860 **USA WHRI** 0504-0519 M&W w/ME headlines & talk; good 6/30. (Bishop-OH)



On the Short Waves by Jerry Berg

<www.ontheshortwaves.com> **Update, July 2, 2006**—Under "Articles, Research, etc.," "Philately," DXer Tetsuya Hirahara of Japan has sent along two first day covers, a postal card, and an explanation (in Spanish) from 1971 when Mexico commemorated 50 years of broadcasting. The relevant date is October 9, 1921, which is when engineer Constantino de Tarnava commenced operation of Mexico's first commercial station, CYO, which later became XEH. The station was located in his house. I have added a card from my own collection which, in 1996, celebrated the event's 75th anniversary with the issuance of a stamp showing Constantino de Tarnava.

<www.ontheshortwaves.com> **Update, July 15, 2006**—Under "Articles, Research, etc.," "Full-Text Articles," another E. H. Scott item, a brochure called the "Scott Allwave Short Wave Station Schedule." This is a 1934 item containing news of the BBC, France, Germany, Spain, and Australia, a chart covering the transmissions of U.S. and foreign shortwave stations, and instructions on "How To Tune On Short Waves With Scott Allwave Fifteen." 

NASWA

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

International Band Loggings

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- 5910 **RUSSIA Bible Voice BC** relay via Petropavlovsk in EG/KR 1034-1112, Gospel Crusade Ministries, ID, website, into KR 1100 w/EG translations, fair (Howard CA 7/9)
- 5930 **SLOVAKIA RSI** in EG 0114, nx, election results, visit by Welsh group (Hunt SC 6/6)
- 5960 **UNITED KINGDOM R Japan** relay via Rampisham in EG 0150, choral mx, listeners' mail, NHK ID at 0159 and switch over to JP program'g via Canada relay at 0200, fair via UK (Ronda OK 6/26)
- 5965 **MALAYSIA National FM** relay via RTM Kajang in Malaysian 1304, nx, many IDs, pop songs, Wai FM began their program'g at 1311, fair, //7270 also fair (Howard CA 6/13)
- 5975 **TURKEY Voice of Turkey** in EG 0306, talk re G8 pre-conference in St. Petersburg, Russia and high energy prices in Turkey, fair (Hunt SC 6/10)
- 6020 **ALBANIA China R Int** relay in EG *0000, ID, rpt on the World Cup soccer matches, into language lessons in CH at 0100, good (McGuire MD 6/10, Wood TN 7/1)
- 6050 **MALAYSIA Asyik FM** relay via RTM Kajang in Malaysian 1240-1320, DJ w/pop songs and taking on-air phone calls, into recitations from Quran at 1244, IDs, f, ex 6024 (Howard CA, Herr CA)
- 6055 **SPAIN REE Noblejas** in SP *0100, IS, ID, fqy, sked, pips, Latin American nx, g (McGuire MD 7/5)
- 6080 **AUSTRALIA ABC Northern Territories** relay in EG 1032, live coverage of Kangaroos-Essendon futbol match, sports review, nx, ID, interview, poor (Taylor WI 7/8, Howard CA 6/29)
- 6150 **ALBANIA R Tirana** in EG *0229, abrupt s/on, ID, fqy, sked, nx re Albanian politics, poor signal with muffled audio, //7445 not any better (Barbour NH 6/24)
- 6175 **CANADA V of Vietnam** relay in EG 0256, nx re economy of Vietnam and the rice crop, "Mailbag" re listeners from Italy, Russia, and Nigeria, good (Hunt SC 6/7)
- 6200 **CZECH REPUBLIC R Prague** in EG 0102, YL w/nx item re flooding in the Czech Republic, wx rpt, and comment re bank losing a large sum of money, g (Wood TN 7/1)
- 6940 **ETHIOPIA R Fana** Addis Ababa in Amheric 0332, nx, instrum'l mx, ID, Horn of Africa mx bridge, remote rpts, f-p (D'Angelo PA 6/27, Evans TN 7/14)
- 7125 **RUSSIA Russian Int Radio** relay via Armavir in RS 2333, ancmts, pop mx, ID, nx, f (Wood TN 7/11)
- 7145 **NEW ZEALAND RNZI** in EG 0713-0815, local nx, Bob Marley song, interview /two NZ scientists about human applications, album mx, "Spectrum-NZ and its Stories", OM hosting mx pgm "Sounds of the Pacific", many IDs, g-vg (Shemanski NC 7/6, Dexter WI 7/15)
- 7145 **MOROCCO VOA** relay in Urdu *0100, IS, ID, report on Pakistan issues, g (McGuire MD 6/25)
- 7200 **SUDAN Sudan Radio Omdurman** in AR 0233-0315, slow Horn of Africa mx sung by OM w/string instruments, nx?, upbeat mx, g (Evans TN 7/15) in AR 0341-0415, long tlks by YL, ancmts, mx, pips at 0400, ID, nx, more mx and long tlks, p-f (D'Angelo PA 6/23)
- 7235 **IRAN V of Justice** Sirjan in EG 0144, political nx, tlk re their nuclear ambitions for peaceful purposes fair reception (Hunt SC 6/7)
- 7250 **ARMENIA V of Russia** relay via Armavir in EG 0130, interview, discussion re problems in Iraq, ID, good (McGuire MD 6/25)
- 7260 **UNITED KINGDOM RTV Algerienne** relay via Rampisham in AR *0400-0503, instrum'l mx, ID, AR lang tlks, mx, Qu'ran recitations, f-g, //9540 relay via Wofferton p-f (D'Angelo PA 6/24)
- 7305 **VATICAN CITY Vatican Radio** in SP/FR 0225, talk, ID, IS, dead air 0227, back on 0230 in FR w/ID and greeting, nx, mx bridge, talk, fair (Taylor WI 7/12) in EG 0258, nx, talk re international movement to fight political corruption, fair (Hunt SC 6/7)
- 7315 **GERMANY IBC Tamil** relay via Wertachtel in Tamil 0040, OM w/rapid talk, brief mx, quick ID, YL and OM back and forth w/mx bridges (Dexter WI 7/4)
- 7440 **UKRAINE RUI** Simferopol in EG 0017, "Music from Ukraine" featuring YL artist, g (Hunt SC 6/4) in EG 0003, nx re Ukrainian parliament, "Ukrainian Diary" re week's headlines, g (Wood TN 6/18)
- 7455 **ALBANIA R Tirana** in EG 0240, YL w/nx re political corruption in Albania, talk re Orthodox Christianity, f-p reception (Hunt SC 6/15)
- 9470 **INDIA FM Gold** relay via Aligarh in HD 0128, ID, interview, EG ID 0141, theme, p (Taylor WI 7/6)
- 9495 **IRAN VOIRI** Kamalabad in EG 0158, phone interview re US Army in Iraq, ID, series of short news articles slanted anti-US, bridge mx b/w items, ID as Voice of Justice, p-g (Taylor WI 7/6)
- 9505 **CUBA RHC** Havana in EG 2105, "Mailbag", feature referencing "the rabid lapdog of Washington", new version of RHC's IS, into Haitian Kreyol programming, vg (Krueger FL 6/18)

- 9620 **SPAIN REE** Noblejas in SP *2300, fqy, sked, IS, ID, Latin American nx, g (McGuire MD 6/25)
- 9690 **ROMANIA RRI** in EG 0148, "Mailbag" featuring mostly listeners in the US, p-f (Hunt SC 6/25)
- 9695 **RWANDA Deut Welle** relay in EG 0012, feature on the growing influence of China in Africa, good signal, //9825 w/poor quality (Wood TN 6/21)
- 97042v **ETHIOPIA R Ethiopia** Addis Ababa in Amheric 0324, Horn of Africa instrum'l mx alternating w/YL talking, OM w/ID 0330 and news, f-g (D'Angelo PA 6/13)
- 9710 **UNITED KINGDOM RTV Algerienne** relay via Wooferton in AR 2103, call to prayer at t/in, fqy, sked, talks, Koran chanting, good, //7150 fair (Barbour NH 6/23)
- 9760 **OMAN R Sultanate of Oman** Thumrait in AR 0021-0110, OM w/Qu'ran recitations, talk by YL, some mx followed by drama pgm, ID, fair w/some QRM from RCI on 9755 (D'Angelo PA 6/26)
- 9765 **RUSSIA R Tikhii Okean** (i.e. R Station Pacific Ocean) relay via Vladivostok in RS *0835-0900*, chimes IS, nx, interviews, folk songs, many IDs, phone #, website, f-g, //12065 (Howard CA 6/14)
- 9825 **GERMANY Deut Welle** Wertachtel in EG *0000, IS, ID, rpt on killing of Russian diplomats in Iraq, good reception (McGuire MD 6/26)
- 9840 **ITALY RAI** Rome in IT/SP 0310, pop mx, IT ancmts to 0315, then into SP w/ID, news with in-depth comments on some items, fair (Taylor WI 7/8)
- 9870 **AUSTRIA ROI** Moosbrunn in EG 0124, "Mailbag" and "Report from Austria", political interview (Hunt SC 6/4, Bishop OH 7/1)
- 9875 **LITHUANIA R Vilnius** via Sitkunai in EG 2354, OM w/items re Maritime Academies in Lithuania and the EEU, s/off w/ID and IS at 2359, g (Wood TN 6/20) in EG 2333, OM re Labor Party and political corruption, also EU membership for Baltic countries, g (Hunt SC 5/29)
- 9885 **MOROCCO VOA** relay in EG 0140, "Issues in the News", discussions re No Korea and Israel, "VOA News Now", ID, IS at 0200 s/off, f (D'Angelo PA 7/9)
- 9925 **GERMANY V of Croatia** relay via Juelich in EG 0200, tlks re futbol clubs in Italy and their problems, discussion re Croatian parliament's interest in EU membership, g (Hunt SC 6/7)
- 9965 **ARMENIA V of Armenia** Yerevan in Armenian/SP 0214, interview, band and show mx, IS, NA, ID, into SP programming at 0230, mx bridge, folk mx, p (Taylor WI 6/17)
- 10330 **INDIA AIR "FM Rainbow"** relay via Bangalore in EG 1951-2100*, DJ w/Western Urban/rap songs backed against Indian 'Trip-Hop' vocals, ID, fqy, "The Wicked Hour", promos, nx in HD at 2030, abrupt sign off 2100, exc (Krueger FL 6/18)
- 11500 **BULGARIA R Bulgaria** in EG 1730, mx by The Ventures, IS, skeds, fqys, ID, g (Wood TN 6/30)
- 11590 **ISRAEL V of Israel** Tel Aviv in EG 1910, talks on steps to achieve peace b/w Israel and Palestine, also mentioned that the V of Israel will no longer QSL, fair, //9400 (Fraser ME 6/11)
- 11600 **CZECH REPUBLIC R Prague** in EG 2145, talk re Romanian vacation habits and discussion on bio-fuel, poor, //15465 very poor (Wood TN 6/23)
- 11620 **INDIA AIR** Bangalore in EG 1740, sub-cont mx, vocals, nx, ID ToH (Caras ME 6/18)
- 11710 **NORTH KOREA V of Korea** Kuyang in FR/KR 1145, opera mx, ID at 1157 at end of FR xmsn, three min O/C, into KR pgm 1200 w/IS, ID, NA, and YL w/ancmts, QRM, f-p (Taylor WI 7/15) in EG 1535, military chorus, tlk re heroic efforts of an engineer in hydro-electric development, ID, recheck at 1600 with programming in FR, good (Ronda OK 6/14)
- 11740 **SINGAPORE R Japan** relay in CH *1200, s/on ancmts, ID, sked, fqy, news, fair (Taylor WI 7/16)
- 11765 **ALASKA KNLS** Anchor Point in EG/CH 1051, tlk re festival where the participants douse one another w/water, CH translation, mx, contact info, wiped out 1059 by Cuba s/on (Barbour NH 6/23)
- 11855 **IRAN VOIRI** Sirjan in Farsi/GM *1721, xmtr abruptly up in Farsi, chimes, into GM extended service at 1730, vg signal level, //15085 also vg (Krueger FL 6/18)
- 11920 **MOROCCO RTV Marocaine** Tanger in AR 0225-0315, instrum'ls, YL hosting a discussion pgm with two OM guests, ID 0300, into Qu'ran recitations, fair (D'Angelo PA 7/1)
- 11930 **BELARUS Belaruskaya Radio 1 - Home Service** Minsk in Belarussian *0357-0440, pips 0400, ID, pop mx hosted by YL, p-f and beginning to fade at tune out (D'Angelo PA 7/15)
- 11935 **TAIWAN RTI** Tainan in RS 1307, YL w/long tlk, mx bits, ID, f, //15195 (Barbour NH 6/5)
- 119751v **UNITED ARAB EMIRATES AWR** relay via Al Dhabbaya in Tigrinya/Amheric 0314-0400*, OM with relig tlk, ID 0330 in EG and into Amheric pgm, p-f, deep fades (D'Angelo PA 7/1)
- 12065 **RUSSIA R Tikhii Okean** in RS *0821-0900*, OC into instrum'l mx, ID, nx, folk songs and abrupt s/off at 0900 sharp, poor (D'Angelo PA 7/11) in RS 0836-0900*, ID, short articles by correspondents contemp mx, canned IDs and s/off 0900, good (Taylor WI 6/21)
- 12070 **RUSSIA V of Russia** Moscow in EG 2010, "Music and Musicians" - Igor Stravinsky, good, //9890 and 15455 (Fraser ME 6/11)

- 12095 **UNITED KINGDOM BBCWS** Wooferton in EG 1550, "Political Update" - an MP and his hobby of collecting political cartoons, g (Fraser ME 6/18)
- 13635 **AUSTRALIA Voice International** relay via Darwin in EG 1441, nx, interview on relig subject, song "Don't Worry Be Happy", fair (Hunt SC 6/4)
- 13650 **RWANDA Deut Welle** relay via Kigali in AR 2100, ID, fqy, sked, regional nx, g (McGuire MD 6/25)
- 13730 **NEW ZEALAND RNZI** in EG 0318, :Dateline Pacific", exc - 100% readable (Dexter WI 7/6)
- 15075 **INDIA AIR** Bangalore in Kannada 0236-0300*, HD vocals, drama pgm in language, ID 0259 and closing ancmnts to s/off, fair (D'Angelo PA 7/2) ED: Kannada is spoken by 50 million in South India
- 15105 **ROMANIA RRI** in EG 1315, world nx, listeners' letters, ID 1330 (Caras ME 6/25)
- 15180 **NORTH KOREA V of Korea** Kuyang in EG/FR 1044-1110+, trad KR mx, anti-US cmntry, sked 1055 and into FR pgm 1100, ID, NA, reading, what passes for news, fair (Taylor WI 6/30)
- 15240 **AUSTRALIA RA** in EG 0300, Sports Forum, discussion of futbol, rugby game reviews and previews, team stats and interviews of coaches (Branco NY 7/1)
- 15385 **SPAIN REE** Noblejas in EG 0030, "American Horizons", grammar exercise - learning SP, good (Hunt SC 6/15) in EG 0007, tlk re Venezuela buying arms from Russia and mentions of saber rattling towards the US, feature called "Visitors Book", vg (Wood TN 6/18)
- 15400 **FINLAND YLE R Finland** via Pori in FN 1234-1303, target ECNA, nx and interview, IS 1248, OC from 1253, single pip 1300 and right in to OM with nx, g (Barbour NH 6/19)
- 15515 **AUSTRALIA RA** in EG 0409, nx re tides being the highest plus info about global warming, good (Hunt SC 5/25) in EG 2150, rpt on Fiji's economy, fair (Fraser ME 6/14)
- 15720 **NEW ZEALAND RNZI** in EG 0220, entertainment features, pop bands, writer/book awards (Branco NY 7/1) YL w/ weather rpt, fair (Fraser ME 6/20)
- 17585 **ASCENSION ISLAND BBC** relay of Darfur Salaam (Sudan) in AR 1710, YL w/nx, mx and s/off 1729, fair (Hunt SC 6/22)
- 17795 **UNITED KINGDOM BBCWS** via Skelton in EG 1842, nx re "Operation Hope" and the expenditure of 150 million dollars being spent in Rwanda, also on increasing role of China in Africa (Hunt SC 6/4) in EG 1900, ID, African service, QRM (McGuire MD 6/14)
- 17895 **MOROCCO VOA** relay in EG 1855, ID, website, inspirational message by Ted Roberts, editorial re US presence in Afghanistan, VOA Sports, nx from Washington, fair (Shemanski NC 6/25)
- 21470 **ASCENSION ISLAND BBCWS** in EG 1659, "Focus on Africa", US and Vietnam have signed agreements for Vietnam to become a member of the WTO, good (Hunt SC 5/31)

Clandestine/Opposition Stations

- 5910 **GERMANY Radio Republica** relay via Nauen in SP 0253, OM talking, mx bridge, ID sequence, fqys, slogans, "piano" ID, Cuban bubble jammer & digital signal just under, fair (Taylor WI 6/4)
- 9485nf **TAIWAN Shiokaze/Sea Breeze** targeting North Korea in EG *1300-1330*, xmsn is aimed as missing Japanese citizens believe to have been abducted and held in No Korea, sked is new one beginning July 10 and move from 9885 is believed to escape jamming, also on 9785 from 2030-2100, F/d QSL rec'd from Tokyo by an e-mailed rpt addressed to "chosaka@circus.ocn.ne.jp (Howard CA 7/11)
- 9525 **ASCENSION ISLAND Star Radio** (Liberia) relay in EG 0720, news, Liberian govt official speaks about the future of Liberia which will take time to rebuild, fair (Hunt SC 6/25)
- 9855 **TAIWAN Shiokaze/Sea Breeze** relay in EG(p) *1030-1057*, language difficult to make out, instrum mx over opening ancmnts & more talk, same pattern at s/off, p (D'Angelo PA 7/9, Barbour NH 6/26, Howard CA 7/3) ED: Howard also rpts that the xsmns have been observed entirely in EG on Tue and Fri with JP or KR on Mon, Wed, Thurs, Sat, and Sun. Very difficult to keep up with their changing sked and jamming noted every day.
- 9905 **MADAGASCAR Radio Nile** (Sudan) relay in EG 0440, relig YL vocal groups, discussion re Bible verses, request comments/feedback, contact info, closedown 0457, //12060 (Dexter WI 6/25)
- 11665 **UNITED ARAB EMIRATES Radio Solh** (Afghanistan) relay via Al Dhabbaya in Dari *0200, pop-like instrumentals at s/on, various annrcs over and b/w mx bits, ID 0214, F-p (Barbour NH 6/20)
- 11805 **UNITED KINGDOM Sudan Radio Service** relay via Skelton in EG 0315-0342, interview, ID 0326, brief vocal segment, another ID followed by a UN rpt about HIV (D'Angelo PA 6/19)
- 17700 **UNITED KINGDOM Radio Solh** (Afghanistan) relay via Rampisham in Dari 1250-1340, high energy vocals that sounded like a combination of modern AR and TK mx, ID and fqy 1330, rapidly fading by 1340, fair (Ronda OK 7/9)

Digital Reception

- 15720 **NEW ZEALAND RNZI** in EG 0043, "This is a test xmsn from Radio New Zealand International", SNR 17-22 dB, program about comedians, good (Herr CA 7/16)

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