

The **NASA** Journal

VOLUME XLVI NUMBER 10

OCTOBER 2006



• RCA RADIOTRON •
RADIO LOG

Quality Equipment From Universal Radio

etón E1 XM

GRUNDIG

G4000A

► **FREE G4000A with your E1 purchase!**



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 FL 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 to 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**

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"L x 7.1"H x 2.3"W Weight: 4lbs. 3oz. We are shipping latest production, high serial number units. Free G4000A for a limited time. **E1 XM Order #0101 \$499.95**

The Eton E1 is XM ready. This means you may purchase the Audiovox CNP1000 XM antenna module at any time. The CNP1000 can be moved from one E1 to another E1, or even to some other compatible electronic products. It has a 25 foot cable. (An optional 50 foot extension cable is also available #0393 \$17.95.) **CNP1000 Order #0401 \$47.95**

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

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



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Except Alaska, Hawaii and Puerto Rico.

Lena Clement is the Wish Granting Manager of the Fairygodmother Foundation which is a registered 501c3 organization that grants wishes nationwide to terminally ill adults diagnosed with a year or less to live. She wrote to the club asking for support in granting a final wish to one of their terminally ill adults. She is currently working on a wish for a man in his fifties in New Mexico who is diagnosed with end stage coronary disease. For his final wish he would have asked Fairygodmother Foundation for a Kenwood TS-2000 W radio. He is bed bound and feels that this radio would improve his quality of life by allowing him to get his mind off of the illness. The Fairygodmother Foundation is trying to grant his wish, but they need the club's help. She wonders if any member of NASWA can consider helping them grant this wish by donating this radio, or something similar, for this man. She is hopeful that our two organizations can work together to make this a special last wish come true. Lena Clement of the Fairygodmother Foundation can be reached at 773-388-1160 ext.11 or via email at lena@fairygodmother.org. If you can help, please do not hesitate to contact her with any questions or concerns. Lena thanks club members for your time and consideration for this special request.

There is a lot of new information about the Radio St. Helena Day revival project. Significant progress has been made and it looks like we can expect a broadcast in early November this year. The return of Radio St. Helena to shortwave is a noteworthy accomplishment after all the bad news we have received about broadcasters leaving the shortwave spectrum. Radio St. Helena will broadcast on the familiar frequency of 11092.5 kHz in Upper Side Band on Satur-

day, 4 November 2006 at: 1800-1930 UTC to New Zealand; 2000-2130 UTC to Japan; 2200-2330 UTC to Europe; and 2330-0100 (Sunday) UTC to North America. Thanks to **Robert Kipp** in Germany and his revival team for making this happen.

The initial reports on another outstanding gathering in Wisconsin are in. See this month's musings from **Kevin Mikell** and **Tim Noonan** for reports about the 2006 Madison-Milwaukee Radio Get-together. Eight NASWA members were part of the 31 hobbyists in attendance. Members present this year were: **Bob Brossell**, **Gerry Dexter**, **Bill Dvorak**, **Karl Forth**, **Kevin Mikell**, **Daniel Sampson**, **Mark Taylor**, and **Tim Noonan**. Next year the gathering moves back to Madison, Saturday, August 18. I hope to see many NASWA members next summer in Madison.

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.


From **Harald Gabler** <DrGabler@t-online.de> of the Rhein-Main-Radio-Club, one of Germany's leading DX clubs, we learn that they will be publishing a new QSL card wall calendar for 2007. Radio stations are publishing many QSL cards each year plus there are many rare cards. The QSL card wall calendar makes a nice present for radio friends.

The Rhein-Main Radio-Club QSL card calendar 2007 is really beautiful and would make a nice addition to the DX shack. The club is only charging 14.80 Euro + postage outside Germany.

We are finally into the fall DX season and the bands are heating up. With the club's electronic *Flashsheet* in your hands each week you will be up to date with news and information about the DX scene. If you have not signed up for the club's electronic *Flashsheet* service, you are missing out on timely news and information that will enhance your shortwave listening pleasure. It is now time for you to get on the distribution list for the club's electronic *Flashsheet* to stay up-to-date. The changing conditions will bring different DX opportunities and new listening targets. The club's electronic *Flashsheet* helps members stay on top of the action with breaking shortwave news and information. If you are a current member of the club and want to receive the electronic *Flashsheet* just drop Rich D'Angelo (rdangelo3@aol.com) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs

to the electronic *Flashsheet* edited by 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, *Trick or Treat ideas*, the use of PayPal as a payment method, etc. to Bill Oliver at the club's Levittown address or to his electronic address, weoliver@comcast.net. The regular postal address is the familiar 45 Wildflower Road, Levittown, PA 19057. Inquiries sent to Wyoming only slow down the process. Thanks!

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

FRENDX: Twenty-Five Years Ago (October 1981)

Mac Leonhardt announced that new membership rates were increasing to \$16.00 per year plus \$4.00 per year for Update. In the Headquarters Report, Bill Oliver noted that October is the last month of NASWA's first twenty years with four covers from the past making up the current month's cover. Radio Australia debuted a new DX program called "Spectrum" presented by Dick Speakman. In the Shortwave Center, edited by John Moritz, Gerry Dexter wrote about "DXing the Soviets" while John Tuchscherer wrote "Those were the Days my Friend ... 1933-1935." Robin Spalding provided a "WRNO Update." In the "DX Smorgasbord" Dan Ferguson conducted a NASWA 24 Hour 41 Meter Mini-Survey. In the QSL Report column, Sam Barto noted that \$1,900.00 was raised at the NEAD XO-81 outing for HAP. Also, the column tied the record with 132 countries verified. In Mike Agner's Antennas/Accessories column Chuck Bolland (FL) and Arnold DeFeyter (MI) provided information about their shack equipment.

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

- Oct 13 Meeting. Philadelphia Area NASWA Chapter.** Kulpville Holiday Inn, Kulpville, PA at 7:30 PM. For more information contact Dan Cashin at 610-446-7831 or Internet: dcsckp@aol.com.
- Oct 13 Meeting. Boston Area NASWA Chapter.** The Boston Area DXers have found a new location for meetings. Inquiries about the BADXers may be sent to Paul Graveline at 978-470-1971 or Internet: ctreditor@aol.com. The URL for the BADX guys is <http://www.naswa.net/badx/>
- 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.
- Nov 11 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meets at the Lebanon Citizens' National Bank (LCNB), 425 West Central Avenue (Ohio 73), Springboro, Ohio at 7:00 PM. For more information contact Mark Meece at 937-743-8089 or e-mail at <antennapig@siscom.net>. For additional information about MONIX, check out their web site at <<http://www.siscom.net/~nmeece/monix.html>>
- 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*. The 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!
- Aug 18, 2007 Convention. 2007 Madison-Milwaukee Radio Get-together.** The 14th Annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts is scheduled for Saturday, August 18, 2006. The location will be in Madison, WI (more details to follow). This is an all-band event, and everyone interested in the radio hobby is welcome. Tell your radio friends about it, and make your plans early to attend the 14th Annual Madison-Milwaukee Get-Together for DXers and Radio Enthusiasts for another fun and memorable day of visiting with your fellow radio hobbyists.
- 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.

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

I attended the Milwaukee DX Get-together the 3rd Saturday in August, a little bit of a hike from Chicago, but worth it. Our host, Neil Kazaross and family, has a beautiful property overlooking Lake Michigan and showed us a fine time. It was good to see organizer Tim Noonan again... we couldn't remember the last get-together we were both at so concluded it was back when neither one of us had any gray hairs. I suspect Tim will have a full write up... not on the gray hairs, but on the get-together.

Some shortwave folks in attendance were NASWA members were Karl Forth, Gerry Dexter, and Mark Taylor of our Flashsheet... Mark was easy to spot in the crowd wearing his NASWA shirt. Met Bill Dvorak who hosts this get-together in Madison in alternate years. It was also a kick to meet Victor Goonetilleke from Sri Lanka.

A small number of NASWA members had a little fun and tried to get the WTFDA members, 8 of them posing for a club photo, to crack up or look away. Shouts of "Look, a meteor!" and "Say Yagi" drew some laughs, but the picture came off as planned.

In total, I'd guess attendance was around 30 or so, and I think most specialized in medium wave and TV-FM DX. Conversations... the typical fun get-together talk about nothing and everything. Picking 3 topics... I did enjoy a conversation with Neil who was telling us of some of his antenna experiments, and that he had picked up Brazilian MW graveyard frequency stations... very cool. Another interesting thing was listening to a tape that Victor made of the VOA being jammed in Harari, Zimbabwe by the broadcast of car horns. Oh, and, yes, remembering your first radio and catching the DX bug also made for some fun talk.

Kevin

Tim Noonan <DXing2@aol.com>, 8756 S Country Dr Apt 102, Oak Creek WI 53154-7521

If the Madison-Milwaukee Get-Together is any measure, the radio/DX hobby is thriving, at least in this part of the world. One Saturday, August 19, radio hobbyists converged on Grafton WI, just north of Milwaukee, for our 13th annual event, and it proved to be a thoroughly enjoyable and memorable day. While I worked on publicity and related matters, DXer Neil Kazaross, his wife Laura, son Matt, and daughter Cheyenne opened their beautiful home on the Lake Michigan shore to us. It's a friendly event, consisting largely of informal conversations, that is distinctly "all-band" in character: the SW, MW, and FM-TV branches of the hobby were all well represented. Among the 31 hobbyists present, we welcomed NASWA members Bob Brossell, Gerry Dexter, Bill Dvorak, Karl Forth, Kevin Mikell, Daniel Sampson, Mark Taylor, and myself. Our special guest this year was Victor Goonetilleke from Sri Lanka, who combined his attending the get-together with family visiting, also in Wisconsin. We had a great outdoor dinner at the nearby Charcoal Grill, where some lucky hobbyists won door prizes, generously donated by Mr. Goonetilleke and Universal Radio. Those who stayed late were treated to an awesome view of the Milky Way.

Next year's event moves back to Madison, Saturday, August 18. We hope we'll see you there!

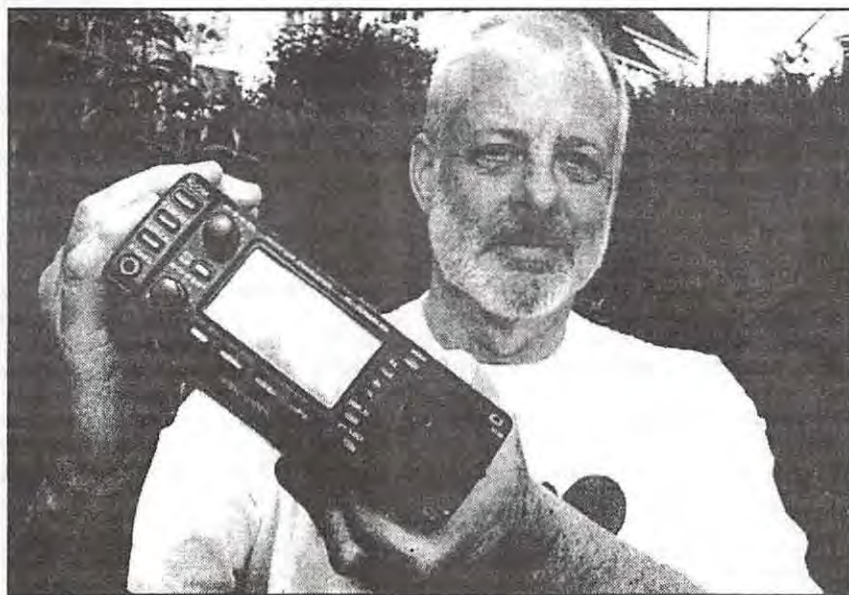
73, Tim Noonan

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

The latest information on the "Revive RSD 2006" Project is that all twelve boxes of equipment have arrived on St. Helena Island and are expected out of Customs by 25 August.

The twelve boxes of equipment include a huge wooden overseas crate with all the transmitting equipment and much more inside, a box with two DC-power supplies, a box with the huge ProSisTel rotator and its cable, a box with the commercial grade coaxial cable, and eight boxes with all the various pre-fabricated sections of the tower.

Here is a photo of me holding the ICOM transceiver. Many thanks to JA1ANA of JSWC in Japan for this huge donation!!! (Photo Copyright: Oliver Weiner). It was used in the newspaper "Frankfurter Rundschau" on 10 June (on page 39) in a nice long article about the Radio St. Helena project.



Also, the German magazine "FunkAmateur" published a very nice one-page article about the project on page 901 of the August issue. Thanks here go to Mr. Harald Kuhl (well-known SWL and amateur radio operator). The article shows a picture of the RSD QSL from 1994.

Have a look at our web site www.sthelena.se/radioproject. Click on the "Revive RSD 2006" button. Here are the program times. Click on the "Multiple Flags" button. Then move your cursor to any flag. Look at the pop-up notice. Then move the cursor to the little object behind any language name. Again, look at the pop-up notice. Check several of these. Then click on any of the flags. Try a few!

It took some time to get all the TEN translations and then have the web pages created, but I think is quite nice. Your opinion??

What is the "feeling" in USA about this project?? I have essentially no feedback from USA and the donations from USA are hardly worth discussing. EXTREMELY disappointing for such a huge nation with so many SWLs and supposedly so much interest in St. Helena.

With very best greetings, Robert Kipp

[NOTE: contributions can be sent to me - Rich D'Angelo - at the address on the masthead. Checks should be made out to The Radio St. Helena Fund. Robert is correct in his assessment that donations from the USA is extremely disappointing.]

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

Our first topic is the Ham Fair 2006 held in Tokyo, Japan. Tokyo Ham Fair 2006 was held at Tokyo International Exhibition Center, Tokyo Big Sight, on Saturday and Sunday of August 19th and 20th sponsored by the Japan Amateur Radio League. This year marks the 30th anniversary of Ham Fair in Tokyo, so, there were some commemorative events such as speech contest by young ham enthusiasts and special exhibition of the history of ham fair held by JARL. This year it was reported to have attracted 29,000 people during the 2-day event.

The Fair exhibition was composed of the club zone with 156 exhibitors and the business/industrial zone with 26 exhibitors. Visitors dropped in on the club exhibitors to renew their friendship, making new friends, talking about the common interest, and exchanging information. At the business and industrial exhibitions, many visitors took a look at new products and asked many questions for technical trends of their gears.

The Fair is the festival mainly for amateur radio fans, but we, Japan Short Wave Club, has been participating for the past 10 years by setting up our own booth in order to promote the enjoyment of short wave radio listening. Our expert members were at the booth to answer questions on short wave radio listening. Many people, regardless of club members and non-members, visited us to talk on their radio activities. They also answered our questionnaires regarding their listening attitudes and favorite stations.

We had several special guests for this year's event. From HCJB Australia, the producer and presenter of its Japanese Service, Mr. Kazuo Ozaki visited us, with Asia Pacific Region Director, Mr. Dennis Adams. They had chances to meet and talk to our club members and some other fans of its Japanese programs during their visit. Mr. Rhoen Coticolo from Adventist World Radio in Singapore also came to meet us at our booth, as well as some announcers and producers of AWR's Japanese Division to promote its broadcasting to the participants and talk about its listening condition and future program plans with its listeners. Trans World Radio-KTWR Japanese staff was also present there.

Mr. Ozaki's interview by Toshi Ohtake is in the World Interactive program of Radio Japan this week. Mr. Dennis Adams and Mr. Rhoen Coticolo were also interviewed and these will be aired in the World Interactive program in the second weekend of September, starting September 9th. This program is aired 8 times during the weekend. So, please check the time and frequencies at the

NHK website, www.nhk.or.jp/english/ If you click "World Interactive" at its real audio in the NHK website, you can hear the program throughout the week.

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

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

For twenty years or so I have dutifully returned the survey card included in each edition of the WRTH. This year I finally won a prize, a CD of the first edition WRH from 1947. I wasn't DXing back then, in fact I wasn't even alive yet, so I can't say that reviewing the contents is a nostalgic experience. I haven't dug through it enough to offer any kind of review, but I did note a list of LW channels that were in use at that time - lots more than in 2006! My main point is that if you turn in the survey card you may win something!

Jim

George J. Poppin <GPoppin@aol.com> San Francisco, CA

This is my "alternative-standby" schedule which I monitor for BBC-WS. Note that 9740 broadcasts from SNG, 11750 from Thailand and 6035 and 7120 come from So Africa. Did I tell you that I became eighty-eight (88) years of age last Thursday 31 August?

1400 UTC, SNG, 9740, 4 4 4, Atmospherics, good reception, 30 Aug, 1 Sept; Thai, 11750, 3+ 4 4, good, 30 Aug.; 4 4 4, good, 1 Sept; 1500 UTC, 9740, 4 4 4, good, 30 Aug.; 11750, 4 4 4, good, 30 Aug.; 0300 UTC, 6035, 4 3 2, poor, 31 Aug., 4 3 2, splatter -5 Unid Span Lang, poor reception, 1 Sept, 4 3 2 HET, poor, 2 Sept; 0400 UTC, 7120, 4 4 4, good reception, 31 Aug, 1 Sept, 2 Sept. Perhaps other listeners in western USA would be interested in my schedule for BBC-World Service.

Cheers, George, Audibility Monitor-BBC-WS

Russ Lay <russlay@earthlink.net>, NC

Somehow, I think I'm going to forever regret my most recent hiatus from SW. I took off 1983-1989 while I established my career and marriage. I got back into in while in Atlanta from 89-94, but dropped it when I came to NC in 1994 and a thunderstorm wiped out the FET's in my R-1000. I guess I never figured that between 94 and 2005 the world would abandon SWBC with alacrity and stations/countries would disappear so quickly. I've kind of set a goal for myself of 200 NASWA countries verified; I'm at about 141 NASWA countries verified. I have some cool ones; Turk & Caicos, Windward Islands, Lebanon, Syria, and several Africans that no longer QSL. Making up the last 60 would have been easy in the 90's, but proving more difficult day by day. Makes you wish one would have QSL'd Fiji and El Salvador when they were on SW!!! Armenia and other's become important all of a sudden!

Russ

Errol Urelis, 563 Meadow Road, Kings Park, NY 11754-5009

Got a great deal from Universal Radio back in June, when I picked up a new E1 for \$400.00. Have been using it ever since that eventful day.

I am using it with a 100 foot longwire hooked up to the whip antenna with an alligator clip. Bought the converter and cable from Universal but no luck with the ??? antenna. Hook up and the long wire connector to the cable with the suggested clip. The signals drop a few s-units.

So what's the problem?

I then all ??? of configuration with the ??? antenna, but always with the same results.

And my other portables (22) work fine with the long wire alligator clip, but not the E1. Other than that, no problems with this DX machine.

73, Errol

[Errol's musing was handwritten so there may have been an interpretation problem at my end. However, I think the problem seems to be effectively connecting a longwire antenna to the E1 —RAD]

[I've seen this happen when I forget to switch between the internal and external antenna. There's a small switch on the left side, and if you connect the antenna to the jack but don't remember to flip the switch from internal to external, the signal drops dramatically over what you get from the whip. It's easy to forget to do this when switching between the two. —rb]

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

My Eton E1 performed nicely for a while, and then problems developed. First, the display went blank making navigating the radios controls very difficult. I assumed that maybe I inadvertently hit a magic button suppressing the display so I read the manual. I couldn't find any special magic buttons. So, I began playing with the radio again two days later and found the whole radio dead. Not a sound out of this new machine. Very disappointing to say the least. Recently, the E1 returned to life but the display is still dead. A call to the nice folks at Universal Radio arranged for a replacement to be sent. Right now I am waiting for it to arrive. Hopefully, my second Eton E1 will be trouble-free. In the meanwhile, I hope Eton will focus on straightening out their quality control problems.

Not much to report this month as returns have fallen off once again. I have not been sending out many reports during the summer so the slow down was expected. None of my QSLs this month are from regular shortwave broadcasters. One clandestine and three pirate QSLs. A strange month.

Shiokaze (Sea Breeze) verified again this time confirming my postal report. They initially responded to my e-mail report. WBNY send along a nice reply along with a pirate flag, a pirate sticker, a pirate keychain, and pirate baseball cap. A very impressive package of stuff! Northwoods Radio sent me two verifications. One was for their own transmission and the other was for a relay of WBNY. I received two separate program CDs as part of the package.

Now that the DX season is here, it is time to begin the thought process about going on a DXpedition. Time for me to find all that French Creek State Park DXpedition gear that I misplace each summer.

73, Rich



Easy Listening

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

Ian McFarland and The Two Bobs return!

Unfortunately, the lead item this month doesn't air *on* shortwave, but it most certainly is about shortwave.

If you've been listening to shortwave anytime before 1990, you undoubtedly recognize the names in the headline; Ian McFarland was the longtime host of Radio Canada International's *SWL Digest*; Bob Zanotti and Bob Thomann regularly graced the airwaves on Swiss Radio International's *Swiss Shortwave Merry-Go-Round*. I remember regularly arranging my schedule so I could catch their programs, or I'd set up the timer on my Sony 2010 or my Sangean ATS-803 so I could tape their programs for later.

Visitors to the 2006 Winter SWL Fest enjoyed hearing Ian McFarland and Bob Zanotti co-chair a panel discussion reminiscing on their experiences as broadcasters; the two certainly had many fond memories from their time on the radio.

I've mentioned Bob Zanotti's *Switzerland In Sound* website before; it's now the only website with English language spoken-word radio focusing on Switzerland for an international audience. The Two Bobs have kept up their friendship over the years, even after their SRI days ended in 1994; there's a section of SIS specifically with audio files made by the two of them.

To his credit, Bob Z has kept up with emerging communications technologies, and used his knowledge of Skype voice-over-Internet technology to set up a 3-way conference with Ian and Bob T and then recorded their get-together and have posted the audio for download at the SIS website, <http://www.switzerlandinsound.com>. It's great to hear

the three of them together, and while it unfortunately isn't shortwave, it nonetheless makes for fun listening for anyone with fond memories of RCI and SRI.

There is plenty to listen to on the SIS website other than The Two Bobs—look along the left side of the SIS website for a variety of subjects. New recordings are regularly added—perhaps we can convince Bob to set up an e-mail list where he mentions newly posted content. (*Or maybe he can set up a podcasting feed that allows you to automatically download new programs as they're posted.* —ed.)

Radio Australia suggestions

Australian Express is a program produced by Radio Australia (not by *Radio National*) that takes a weekly look at interesting stories from Australia; the length and breadth of the country are traversed in order to bring the "real Australia" to listeners. *Australian Express* airs on shortwave Saturdays 0030; also Tuesdays 1330 and 1705 and Fridays 1830. The Tuesday 1330 airing is probably the best bet for most of us in Eastern North America, especially as sunrise slips later in the morning. You can hear the live webcast at those times as well; the program isn't archived for on-demand listening. The program is particularly suited to an international audience, given that it's produced by Radio Australia itself.

Sunday Profile is a weekly newsmaker interview that takes a half-hour look at a single individual—who could be a politician, business magnate, thought leader, or artist. While many subjects might not be household names in the USA, their stature within Australia helps the listener understand the culture and values of the country. Sometimes the program topic may be

particularly interesting to Americans—a recent example includes Carl Gershman, who heads the Washington-based National Endowment for Democracy. This was a creation of President Ronald Reagan's back in 1982 that helps establish democratically-elected governments where they do not currently exist. A recent paradox has been the trend in Russia, Iran and elsewhere for governments who had been totalitarian and, later, democratic, to swing back to a more authoritarian state. *Sunday Profile* airs on shortwave Sundays 1105 UT; the program may occasionally be replaced by *Grandstand*, the weekend sports program, in case of special sports events.

Sunday Nights is a series from ABC Local Radio that is carried by Radio Australia on shortwave Sundays from 1205 to 1600 UTC. It's a program that explores the issues, events and people driving developments in religion, ethics, spirituality, popular culture, values and beliefs in Australia. The program features talkback on an issue of topical interest (usually the first hour), an in-depth interview, the popular Inquisition quiz, great music, and the One O'Clock Chat Room (airing at 1500 UT...1 AM in eastern Australia). The host, John Cleary, has long been associated with ABC programming on religion, including a stint on *The Religion Report*.

Changes at RCI

Looks like there will be some significant changes coming at RCI when the seasonal schedule changes at the end of October. The weekly series such as *Business Sense*, *Media Zone* and *Spotlight* have all seen their last airings. In their stead are a daily one-hour edition of *Canada Today*, hosted by Carmel Kilkenny, replaced by a one-hour edition of *Maple Leaf Mailbag* on the weekends.

Unknown is the status of such longtime RCI staffers such as Wojtek Gwiazda, who made a special point of thanking listeners in his final edition of the India version

of *Canada Today*, or Jim Craig, host of the European edition. Also unknown is how the RCI website will reflect the transition month of October. This is a good reason to join us in the *swprograms* e-mail reflector, which will feature updates as I (or others) find out about them. Information on the *swprograms* list can be found online at <http://www.hard-core-dx.com/mailman/listinfo/swprograms>.

As there is no indication that anything currently targeting North America will change, the best opportunity to hear this transitional programming in North America would appear to be at 2000 UT on 15325 kHz. This is a Sackville-originated frequency targeting Europe.

Any new programming will probably be available for on-demand streaming or download, even if it isn't available in North America on shortwave. Sirius satellite subscribers may be able RCI programming as part of the "RCI Plus" channel newly made available to American subscribers on channel #188, though owners of older receivers may not receive channels above 184. RCI English-language programming is available daily from 0300 to 0400, 1400 to 1500, and 1700 to 1800.

BBC World Service highlights

The BBC has made some changes in the distribution of advance programming information. The good news is that some advance details on regular weekly programming will now be provided; the bad news is that their planning cycle might not provide details of all new documentary series airing in the upcoming month. So far, the BBC has only delivered partial advance information...we'll see if their habits improve.

Beginning October 7th, *Heart And Soul* takes a look at the Quaker community in Philadelphia. It's one of the oldest Quaker communities in the USA and also one of the earliest religious settlements in the

New World. Allis Moss visits Friends meeting houses in Philadelphia to find out how Quakers live and pray in 2006. She explores how their values, such as pacifism, connect or conflict with the values of modern-day America.

One Planet has been running a 3-part special series on responsible logging; during the week beginning October 12th, the final program of the cycle focuses on Liberia where there is no logging - or at least in theory. During the recent civil war timber was extracted and sold to buy arms resulting in UN sanctions. However following elections earlier this year, all logging contracts were terminated and the UN sanctions were lifted. The forest industry is being reorganized from central government to local level and with about half the country being forested, timber is potentially its biggest export earner.

Culture Shock is a program launched earlier in 2006 that looks at emerging ideas in the field of behavior, new products and consumption, thinking and values. As someone who has been involved in marketing over the years, I find some of the ideas to be challenging—and they help me understand some of the forces that are behind the changes we've seen in short-wave utilization over the years, because there are changes in individual behavior that I don't see regularly—because I'm too old to see them. For example, a recent issue of *Culture Shock* investigated Participation Marketing—in which companies attempt to persuade us to participate in the life of their brands. Meanwhile, in the same program, writer Neil Boorman joined program host Tim Marlow to discuss why he's decided to burn all of his branded possessions in a bid to retrieve his personal identity.

Speaking of Participation Marketing, an interesting recent trend has been public service broadcasters directly soliciting programming content from listeners. Canada's CBC Radio One offers *Outfront*, a 15-minute program airing 3 days per week

that consists of short documentaries that are not commissioned by the CBC—they're pitched by individuals who then go out and produce them themselves. The BBC's *Outlook* program has also started to solicit listener-created stories for broadcast. The BBC has kept their guidelines for listener-produced stories purposefully vague—their guidance is "There are no rules as long as it is your experience, something personal to you and a topic you feel strongly about." They'll accept audio via cassette but would prefer it to be sent to the BBC via an MP3 attachment. You don't have to record the original content digitally—cassette or reel-to-reel tape are acceptable, as well as digital recording gadgetry. The BBC would prefer you use a decent microphone, though. If you have questions, go ahead and contact the Outlook team at outlook@bbc.co.uk.

Outlook airs as follows: Weekdays at 0206 (webcast), 0832 (Sirius; 30-minute edition), 0906 (webcast), 1306 (XM, webcast, Europe SW), 1432 (Africa SW; 30-minute edition), 1806 (Sirius), 2132 (Sirius; 30-minute edition), 2306 (XM); Tuesdays-Saturdays 0306 (XM).

A week's worth of programs is available on-demand, as well.

Wednesdays beginning October 11th: The documentary series *Return To Sarajevo* returns for another airing in October. This three-part series, first aired in October, 2005, has the BBC's Allan Little and Peter Burdin revisit those who shared their experiences with them during and just a the very end of a 1,000-day siege of Sarajevo back in 1995. Little and Burdin had received a Sony award for the original series, and they provide glimpse into the minds and thoughts of individuals who shared their experiences of the war ten years ago, and try to discover how Bosnians have managed to deal with their traumas and cope with the continuing persistence of war inflicted memories, as well as the consequences of the conflict on their country. *Return to Sarajevo* airs in the *Documentary 2* time

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slot; best shortwave times are probably 1106 to the Caribbean (9660, 6130), plus 1906 to Europe, and Wednesdays 1406 plus Saturdays 2206 to West Africa.

Global Business takes a long-lens view of the world of business and economic trends. I find to be a good counterbalance to the fabricated urgency of typical business news programs that breathlessly report whether markets are up or down, only to have these markets change in the next minute, thus justifying another breathless update on the markets. A recent two-part series looked at Romanian economics, a particularly relevant topic given Romania's application to join the European Union. The first week in October saw an interview with Richard Branson of the Virgin music and travel businesses, who has recently gone public with a proposal for reducing combustion emissions from airliners through a novel aircraft logistical system. Shortwave air-times include Fridays 1906 (Europe), and Fridays 1406 and Sundays 1506 (Africa).

Speaking about documentaries and on-demand listening: Don't forget that most of the BBC's documentary series are available for on-demand listening long after they've aired on the radio. Most of the series produced since 2004 can be streamed online; most since late 2005 can be downloaded or subscribed via podcast. A good recent example is a series from September entitled *The Communications Revolution*. This four-

part series looks at the way communication and its associated technology is changing our lives, the way we do business and the way we learn. Individual program topics included *The Global Effects of Communication*, *Technology in the Lives of People with Disabilities*, *Communications Technology and Influence*, and *Communications Technology and Communities*. The easiest way to browse the archive is to go to the World Service home page and look for the section labeled *Radio Programmes*. There's a link for *Documentary Archive*; you can also directly visit http://news.bbc.co.uk/2/hi/programmes/documentary_archive/.

Plan a fall DXpedition!

Why would someone interested in Easy Listening advocate a DXpedition? Because broadcasters such as the BBC, Radio France International, and Deutsche Welle no longer target North America, and the quiet listening environment and the lack of distractions that enable one to listen at times when one might not usually be near a radio. This helps for broadcasters like Deutsche Welle—editions beamed to West Africa often can be heard well in North America, but they are at inconvenient listening times.

Until next month,

73 DE Richard



WWW Shortwave Listening Guide

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



Shortwave Center

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Of course the **big** news this month is the much anticipated return to air of Radio St. Helena in November. We start this month's *SWC* with a late report from Robert Kipp. (I'm sure that if you scan the other sections of *The Journal* this month, as well as the world wide web, you will find further information about the station and its resurrection. Everyone—it seems—is talking about it.)

Also this month: A review of a classic by a classic. Jerry Berg considers *Free Radio—Electronic Civil Disobedience*, a book which

was first published some time ago but is still relevant today.

Then, Joe Buch offers a piece on geomagnetic storms and their potential effects on you and me.

And while we're speaking of classics, in two short articles *SWC*, Don Jensen gives some perspective on a topic that garnered quite a bit of discussion on one of the shortwave internet discussion boards recently—the use—and abuse—of abbreviations in reporting logs.

Project Update: Radio St. Helena Day Revival 2006

By Robert Kipp

As of 18 September, all the 12 packages have arrived safely, are through Customs, and are stored indoors in Jamestown. The twelve boxes of equipment include a huge wooden overseas crate with all the transmitting equipment and much more inside, a box with two DC-power supplies, a box with the huge ProSisTel rotator and its cable, a box with the commercial grade coaxial cable, and eight boxes with all the various pre-fabricated sections of the tower.

The concrete foundation for the antenna tower will be completed today. The "RSD Project" documentation now almost fills four large ring-binders. The project web page has been expanded to include a general project article translated into ten languages in addition to English. The huge Yagi beam antenna is waiting for me at the shipping company in England. I will join the beam on its journey to St. Helena starting on 30 September.

The entire project is on schedule for a big party on-the-air with the "RSD Revival 2006" transmissions on 4 November. Radio St. Helena will broadcast on the familiar frequency of 11092.5 kHz in Upper Side Band on Saturday, 4 November 2006 at: 1800–1930 UTC to New Zealand; 2000–2130 UTC to Japan; 2200–2330 UTC to Europe; and 2330–0100 (Sunday) UTC to North America.

Wishing everyone excellent reception conditions that night, Robert Kipp for Radio St. Helena.



"Free Radio— Electronic Civil Disobedience"

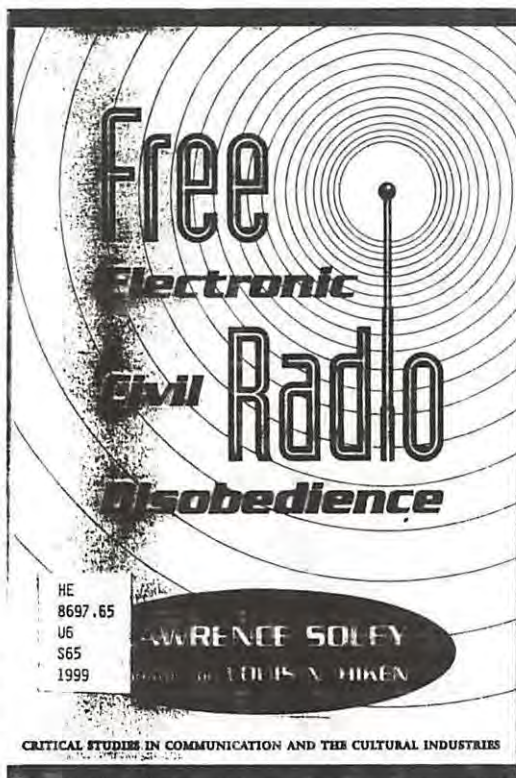
by Lawrence Soley
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Professor Lawrence C. Soley of Marquette University, Milwaukee, Wisconsin has written two books that are well known to DX history buffs: his near-encyclopedic 1987 work on clandestine radio, *Clandestine Radio Broadcasting*, written with Prof. John S. Nichols, and the lesser known 1989 volume, *Radio Warfare*, about OSS "subversive" broadcasting during World War II. Recently I came across a third Soley "radio" book that seems to have completely escaped the attention of the DX community. It is titled *Free Radio—Electronic Civil Disobedience*, and it was published in 1999 by Westview Press of Boulder, Colorado. While at 148 pages it is more succinct than the clandestine and OSS books (384 and 249 pages respectively), it contains much interesting reading.

The book is mainly about pirate radio—not shortwave, but FM, and, to a lesser extent, AM. True to the book's broad title, the author begins with a discussion of another branch of "free radio"—clandestine broadcasting. Here he discusses some of the World War II clandestines, as well as stations of later years from Greece, Central America, Indonesia and other places, including some stations that are familiar to DXers. However, readers who want a comprehensive treatment of clandestines should read Soley's 1987 book.

Soley begins his treatment of pirate radio with a discussion of the mainstream broadcasting scene in the United States, focusing on the arguments often made by "alter-

native" broadcasters (as well as others) about some of the dynamics of American broadcasting: its commercial, monopolistic, "corporate" nature; the symbiotic relationship of the FCC and corporate broadcasters; the FCC's opposition to a genuine community radio service; the filtering out of "non-establishment" views by the media; and the revocation of the Fairness Doctrine and the consolidation of broadcasting that took place after the broadcasting deregulation of a decade ago. A major consequence of these and other factors, and the focal point of the book, is the absence of bona fide community broadcasting vehicles, especially for the disenfranchised, and the lack of opportunities for community members to speak out.



One of the more interesting parts of the book is the discussion of the early U.S. pirates that operated just above the standard broadcast band, circa 1620 kHz. Soley views this period of the late 1960s and early- to mid-1970s as the start of modern pirate broadcasting. By virtue of their low power and inherent limitations of range, these stations were, in a sense, "community" stations, although their audience was mainly composed of alternative music buffs, counterculturalists, and those, like DXers, with a technical or DX interest. Here Soley reminds us of some familiar names, including Alan Weiner and his Falling Star Network, and John Calabro's and Perry Cavalieri's WFAT and its predecessor stations.

Although Soley does not go so far as to advocate pirate broadcasting, his sympathy for it is pretty clear.

The heart of the book is Soley's treatment of FM pirating, or "microradio," so called because of the typically low power, low budget nature of these stations. This is a side of pirating about which most shortwave DXers know little. Although there were some FM pirates in the 1980s, FM pirating came into its own in the 1990s. One of the first stations was WTRA, which originated in the Hay Homes public housing project in Springfield, Illinois in 1986 (it was later called Zoom Black Magic Liberation Radio, Black Liberation Radio, and Human Rights Radio). Later came Black Liberation Radio, Decatur, Illinois (1990); Radio Free Venice, Venice, California (1991); and the most famous of the FM pirates, Free Radio Berkeley, Berkeley, California (1993). The author discusses Free Radio Berkeley at length because of the battle which the station waged against the FCC in the federal courts

and which, for a time, looked like it might actually succeed. It didn't, but the fight encouraged other FM pirates to take to the air in the mid-1990s and after. Also, the station's operator, Stephen Dunifer, a technician at heart, has been active in making small, low-cost transmitters available to would be pirates both in the U.S. and in other countries. (One of the more interesting claims made by the FM pirates is that their shoestring operations prove that the FCC's financial and technical requirements for licensing are way out of line with what is really necessary for responsible operation.) For more on Free Radio Berkeley, see <http://www.freeradio.org/>

Although Soley acknowledges the existence of shortwave pirates, he considers them outside the scope of his book because they were targeted to shortwave listeners rather than local audiences. He refers readers interested in shortwave pirates to books published by Andrew R. Yoder in 1990 and 1996. (In my opinion the best "current" history of shortwave pirate radio is Yoder's *Pirate Radio Stations—Tuning in to Underground Broadcasts in the Air and Online*, published in 2002.) The shortwave pirates pre-dated the commencement of micro-broadcasting. Although there was some U.S. shortwave pirate broadcasting during the early 1970s, it really heated up around 1979, long before FM microcasting took off. Shortwave and FM pirating developed separately, and attempts to bridge the gap between them, e.g. through ACE and through Yoder's short-lived *Hobby Broadcasting* magazine, were never successful. By virtue of their short range and their community orientation, the focus of FMers has been programming, with the technical side being secondary. On shortwave, the greater distances, the absence of a local audience and the prevalence of a "DX" culture has produced a different dynamic.

Although Soley does not go so far as to advocate pirate broadcasting, his sympathy for it is pretty clear. This is not surprising, considering his other major writings about corporate threats to free speech and academia, and the people and organizations

that shape the news. Readers may differ on whether the case for a grassroots FM broadcasting service is convincing, and whether the history of microcasting thus far has shown a need for low power, short range, minimally regulated broadcasting stations. The case would probably be even less strong for shortwave, where programming often has been pretty much beside the point. On the other hand, the idea of a "hobby broadcasting" band has been around for a long time, and there is no question but that direct broadcasting (as opposed to leasing time) has become a rich man's game.

Whatever your views on the underlying issues, if you got your knowledge of pirate radio from shortwave, this book will expand your horizons. It did mine.

Do Geomagnetic Storms Affect You?

By Joe Buch

I had an uncle who was a policeman with Nassau County New York's police force in the 1950s. He insisted that the full moon had something to do with the incidence and frequency of crazy behavior especially violent crimes. Radio listeners, as long ago as the 1920s, reported that radio propagation improved during times of the full moon.

Shortwave listeners are already familiar with the ability of geomagnetic storms to disrupt reception of shortwave signals. Now geomagnetic storms have been determined by Russian scientists to have a direct influence on human biology. It seems to me to be only a small leap to imagine the alignment of the moon and sun and their interacting fields could have a direct influence on the human brain.

I remember about four decades ago the Russians published papers showing that pulsed RF transmissions could interact with and change brainwave patterns. The RF levels at which these effects occurred were much lower than what the USA had established as safe RF exposure limits. Much research on both sides of the Cold War was classified.

Your best bet to obtain a copy of *Free Radio* is through Inter-Library Loan, where it was easily available. Internet searches have yet to turn up a single copy available for purchase, either new or used. The book is no longer in print and is not available from the publisher. The good news is that if you don't mind reading it on screen, the entire text is posted on the Questia website at <http://www.questia.com/PM.qst?a=o&d=7486768>. Unfortunately, you must pay \$19.95 per month for the Questia service—but you can buy a trial subscription and cancel within 7 days with no obligation. (It looks like, even if you pay, the *Free Radio* text can be printed out on Questia only one page at a time.)

If pulsed RF waves could be used to disrupt brain functions, then these same RF pulses had the potential to be used as a weapon. Later the USA found that the embassy in Moscow was being bombarded with microwave energy. A diplomatic flap resulted until the transmissions were switched off. It is unclear to me whether these transmissions were intended to disrupt biological functions. Such transmissions could have been used to activate "infinity" type monitoring bugs to spy on conversations within the embassy. Some scientists in the USA have expressed their disbelief in the ability of very small changes in the magnetic field to influence the human body. Because the history of such Russian experiments extends back so far, I tend to give the Russians the benefit of the doubt when USA scientists deride their results.

Here is the text of a recent news release by the Russian News Agency, RIA Novosti, describing Russian experiments to measure the effect of magnetic storms on humans. It is only a small leap, if one accepts these results, to imagine that the direction of sun/moon positions may actually have an influence over human behavior.

MOSCOW. (Yury Zaitsev, expert from the Institute of Space Studies of the Russian Academy of Sciences, for RIA Novosti)

It has long been established that magnetic storms not only affect the performance of equipment, upset radio communications, blackout radars, and disrupt radio navigation systems but also endanger living organisms. They change the blood flow, especially in capillaries, affect blood pressure, and boost adrenalin.

The young and fit couldn't care less, but those who are older, may develop problems. They have to consider the state of magnetosphere in their daily plans. Before, people were glued to weather forecasts. Now they are obsessed with the geomagnetic situation.

But what is a magnetic storm?

Shortly after the launch of the first satellites, mankind discovered the solar wind—a continuous flow of hot plasma from the solar corona. At a distance of 10–12 Earth's radii in the direction of the Sun, where the energy of the solar wind equals that of the Earth's magnetic field, solar wind particles change their direction, and flow around the Earth, forming a comet-like plasma vacuum—the magnetosphere. The size of its sophisticated but fairly stable structure depends on solar wind pressure, and hence, on solar activity.

The tail of the magnetosphere, which stretches for hundreds of thousands of kilometers in the direction opposite to the Sun, accumulates magnetic energy. From time to time, it is released in explosions, which heat up plasma, and create powerful electric currents (millions of amperes). When such bursts follow one another, the magnetosphere is filled to capacity with hot plasma, while its electric currents embrace the entire near-Earth space. These phenomena are referred to as magnetic storms.

The heart and cardio-vascular system have always been considered the main biological

targets of geomagnetic activity. However, the damage inflicted by magnetic storms on human health has been found to be different. Experts from the Institute of Space Studies of the Russian Academy of Sciences (RAS), Institute of Physics of the Earth (RAS), and the Sechenov Moscow Medical Academy have established that the biggest danger emanates from the micro variations of the geomagnetic field, which coincide with the heartbeat. They occur in about half of all magnetic storms, and are most typical for a prelude to a storm with insignificant changes in the geomagnetic field (mostly affecting high altitudes), and for the recovery phase, when the geomagnetic field is coming back to normal.

Medical statistics for Moscow show that 70% of all micro variations, caused by geomagnetic disturbances, are accompanied by an abnormally high incidence of heart attacks (a growth of about 13%), and blood-strokes (7.5% growth). The low and extremely low frequency electromagnetic fields destabilize the heartbeat, leading to a sudden death or infarction. Medical experts have finally explained why heart attacks take a heavy toll before a magnetic storm—because micro variations begin 24 hours before the storm.

"We have analyzed numerous data on the heartbeat of cosmonauts from all Soyuz crews, and the majority of missions to the Mir Station and the International Space Station," said Doctor Tamara Breus (Physics and Mathematics) from the Russian Academy of Sciences' Institute of Space Studies, who heads a group of physics and physicians, studying this problem. "We subjected 45 cosmonauts to examination during landing and flights of various duration when they were exposed to geomagnetic disturbance, and then studied the same parameters in a neutral situation. The influence of a magnetic storm was obvious. It was manifest in a change of pulse and blood pressure, vegetative disorders, reduction of heartbeat rate variability and the power of respiratory undulations, and in a more irregular heartbeat pattern. Reactions varied depending on the duration of the flights and an ability of cosmonauts to adapt themselves

to the new environment." In the opinion of Dr. Breus, these effects were a reaction of the vascular tonus and heartbeat rhythm to magnetic storms.

It is perfectly obvious that the response of such a complicated system as the human organism to external factors largely depends on its condition. A magnetic storm is not dangerous for healthy people. But there are risk groups with unstable biological status. These include people suffering from ischemic disorders or hypertension, or children whose adaptation system is the process of formation. Newly born are particularly at risk.

"We think that simply forecasting storms is counterproductive because people merely get scared as a result," said Dr. Breus. "But steady micro variations are different. We should concentrate on this in forecasting geomagnetic disturbances."

What is the situation with forecasts today?

Owing to the research, conducted under the comprehensive program of Interbol, scientists better understand the nature of cause-and-effect connections in the near and remote space, which helps them develop the methods of space weather forecasts, that is, distance and time variations of space parameters caused by solar activity.

Since 1994, Russia has been implementing its KORONAS program (Comprehensive Orbital Near-Earth Monitoring of Solar Activity) with a series of space vehicles. The third satellite—KORONAS-Foton—will be launched under the program in 2007.

Continuous monitoring of the solar wind is critical for space weather forecasts. The Chibis micro satellites, which are being developed by the Institute of Space Studies, will be working to this end in low-orbit ionosphere in the near future. Space vehicles of the Institute's another project—Resonans—will do the monitoring in the internal magnetosphere, and the radiation belts. One more satellite—probably the same Chibis—will stay at the top—in the

so-called libration point at a distance of about one and a half million kilometers from the Earth. The gravitational forces of the Earth and the Sun are essentially in balance at this point, and for this reason a space vehicle may "linger on" for a long time near the Sun-Earth line, along which harmful solar corona ejections move, timely reporting the emergence of dangerous solar bursts.

To receive an earlier warning, a space vehicle may be "removed" even further from the Earth. Researchers from the Institute of Space Studies have developed a project called Klipper (not to be confused with a new Russian re-usable piloted spaceship), which provides for placing micro satellites at a distance of three to four million kilometers from the Earth in the Sunward direction. This is twice further than the libration point. "Excessive" gravitation of the Sun (compared to the libration point) will be compensated for by the pressure of sunlight on a sail made of fine metallic-like coating on board the satellites. In this way, researchers will be able to stabilize the satellites at a certain point in space, or move them closer to the Sun by handling the reflecting sail.

In other words, they will manipulate the reflecting powers of the material from which it is made. For instance, if a liquid-crystal fiber is installed between a source of light (the Sun in this case), and the sail, it is possible to change the transparency of the fiber by putting it under electric voltage (or removing it). Its reflecting powers may be changed from mirror reflection to total absorption. This will affect the pressure of light on the sail, causing a change in the direction and speed of the satellite's movement in space.

A project of solar research at a closer distance—Intergeliozond—is designed for a more remote perspective. It will make it possible to see the Sun's polar zones, which are invisible from the Earth.

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SS vs. SP

By Don Jensen

If you are in your 40s or younger, the matter of abbreviations—and I am speaking of abbreviations of languages used on SW—may not warrant a second thought.

If you are, like me, beyond the 50-year-old mark, the matter of language abbreviations, and specifically, which particular set of abbreviations are used in NASWA's *Journal*, may have more import.

If you fall in the lower end of the pre-50 age range, you may know, in fact, *only* one set of language abbreviations, the one in which AR stands for Arabic and ZL stands for Zulu.

You doubtless are familiar with a handful of these abbreviations—EN for English, SP for Spanish, FR for French, GM for German, for example. But there's a pretty good chance you wouldn't have recognized ZL, or for that matter, most of the others between A and Z. Zulu and most of the other more obscure languages in this current list of language abbreviations are rarely if ever heard on SW, and surely not often enough for these abbreviations to stick in our minds.

What the younger of you may not know is that once there was another and simpler list of language abbreviations that preceded the current and rather clunky list. It was in use for decades, until the 1970s, when the now-defunct Association of North American Radio Clubs began to promote a new system of language abbreviations.

The previous and widely used system of abbreviations was limited to only the most commonly heard languages, English, Spanish, Portuguese, French, German, Arabic, Chinese, Japanese, and perhaps a half dozen others. These were abbreviated with doubled letters, e.g. EE, SS, PP, FF, GG, AA, CC, JJ, etc.

The system did not attempt to abbreviate the infrequently heard languages, hence was short and easy to memorize and use. One always knew that the double letter abbreviations indicated a language.

The history of this previous double letter system can be traced to another organization, the medium wave National Radio Club, long before even my time, when an editor chose to use SS to indicate Spanish Speaking. It caught on.

Well, if SS stood for Spanish Speaking, did EE signify English "Eeking?" Or FF, French "Freaking?" Of course not. It was a case of evolution by usage: The initial letter of the language, doubled, came to be recognized as a reference to a common language. The particular language was generally easy to figure out from that letter.

But in the 70s pushed by ANARC and a "Big Name" bulletin editor (not a NASWA editor, by the way) things changed. Gradually, EE came to be replaced by EN; FF by FR; SS by SP and so on.

Speaking from the far side of 50, I would like to see the traditional style return to DXer reports and other language abbreviation references in the *Journal*. With so much that is traditional about SW DXing disappearing, would like to see some time honored traditions brought back, if only to make a statement that the hobby is still alive and kicking.

Some may disagree. Others may say who cares? But at the very least, this recounting may help to preserve our history, and the knowledge of an earlier day when every DXer understood what SS and FF meant, and was willing to spell out Farsi, Wolof or, for that matter, Zulu, on the rare occasions he or she needed to.

The Origins of SWBC

By Don Jensen

SWBC is not a term we use very much these days. Today, we tend to use the shorter and simpler term, SW. But once, SWBC signified a rather importance, and to some extent, perhaps even a controversial distinction.

SWBC, of course, stands for Shortwave Broadcast. SW simply means Shortwave. The more technical term is HF, or High Frequency, which is defined as the frequencies between 3 and 30 MHz. However, early DXer usage expanded the official HF definition to also include the frequencies above the top limit of the AM band (also popularly known as the Medium Waves [MW] or the Broadcast Band [BCB], or call it what you will). In those days, the topmost AM band stations were on 1600 kHz.

Because the range from 1600 to 2000 kHz was relatively uninhabited (except for some police usage) thus providing a sort of buffer zone, and because 2 MHz was a convenient breaking point, early DXers, by usage, established that as the lower limit of what we call the shortwaves. And so it continues today: NASWA and most shortwave DXers consider 2 to 30 MHz the shortwaves.

But a number of different radio services inhabited that wide range of frequencies? There were the broadcasting stations that aired programs. There were the hams, the amateur radio operators. And then there was everything else, which included maritime and aeronautical services, beacons, military usage, commercial communications companies that used the frequencies to get messages from one point to another. Other point-to-point services involved the relaying of programs to distant receiving facilities, where they were picked up and then rebroadcast. The latter were particularly important during WWII, when SW relayed Armed Forces Radio programs to remote Pacific islands where they were rebroadcast locally, usually but not always, on MW frequencies.

Fairly early on, SW listeners carved out a distinction for amateur radio operators who used shortwave for conversations, something like long distance telephone but without the wires. That left everything else within the 2-30 MHz range lumped together in one category.

The Newark News Radio Club, perhaps the largest US radio hobby club of its day, maintained two listeners' scoreboards, one counting the number of countries heard for reception of hams, the second list including what was called "Shortwave Except Amateur," which counted everything else.

That was because DXers themselves made little or no distinction between shortwave program broadcasting stations and everything else, which, with the passage of time, came to be called, collectively, utility stations.

The distinction between shortwave *broadcast* and shortwave *utility* stations only gradually evolved over a period of perhaps a decade and a half, beginning right after the end of WWII. Clubs gradually came to recognize a distinction between those transmissions airing "programs" to a general audience (SWBC), and those that did other things. Loggings began to be handled in separate columns. The term shortwave broadcast(ing), or SWBC, took on a very specific and distinct meaning.

Eventually, one club, this club, made a break with tradition, becoming the first SWBC *only* club, discarding columns covering listening to things other than shortwave broadcasting stations. NASWA's transition to an *all* SWBC club was, therefore, controversial and not without "pain" and loss of some members.

The letters BC in the term, SWBC were significant and important in those years. With the passage of time, and the fading of SW utility listening, with fewer and fewer such stations even existing any more, the distinction no longer seems quite as important as it once did.



Kim's Column

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This column, with links, is available at this URL publicized only to NASWA members: <http://www.kimandrewelliott.com/index.php?id=448>

Three Big Ones

U.S. international broadcasting has had in recent years more than its share of scandals, flaps, irregularities, and activities of a dubious nature. For all of the disruption caused by these embarrassing incidents, they at least have some entertainment value. Entertainment fans have certainly not been disappointed by the news about international broadcasting starting on August 30.

On that day, newspapers revealed that a report of the State Department Inspector General stated that Kenneth Tomlinson, chairman of the Broadcasting Board of Governors, "improperly used his office, putting a friend on the payroll and running a 'horse-racing operation' with government resources."

This precipitated a motion by the three Democrats in the bipartisan BBG for Tomlinson to step aside as chairman. The three Republicans on the Board (including public diplomacy under secretary Karen Hughes) voted against the motion, so it failed. In any case, only the president can fire a presidential appointee.

The accusations against Tomlinson do not seem much outside the norm in the sleazy corridors of Washington federal agencies. Most of the CEOs of U.S. international broadcasting I have known have hired their buds either as consultants or senior advisers. The 400 calls from government phones and 1200 e-mails on his official account relating to horseracing may seem most improper. But Tomlinson's supporters point out that this amounts to no more than one or two personal calls or e-mails per day. If that's the standard for misconduct, lots of bureaucrats would find themselves under investigation.

The Senate Foreign Relations Committee will not consider President Bush's re-nomination of Tomlinson as BBG chairman. But Tomlinson will stay on until the president names, and the Senate confirms, a replacement. I'm placing my two dollar bet that he'll still be in the saddle at the BBG in January 2009.

GAO on MBN

Then, on September 5, we learned about a Government Accountability Office report about Middle East Broadcasting Networks Inc., the new grantee corporation under the BBG that contains Radio Sawa and Alhurra television. The GAO called for better strategic planning and improvements in the methods used to determine the size of two stations' audiences.

The GAO report is worth a read, especially its discussion about audience research methodology. The GAO called for more use of random sample surveys, and less reliance on less representative quota samples. The BBG response stated that random samples are often difficult to achieve in the Middle East, and that many surveys advertised as random really aren't. The GAO's response to BBG's response said, well, at least state the limitations of your methodology when reporting those big numbers for Sawa and Alhurra.

The GAO report mentioned, but offered no recommendations, about two vexing problems: 1) Radio Sawa does not have FM access in many important Arab countries. 2) Alhurra will soon face competition from the new BBC Arabic television channel.

The government-hires-journalists flap

We had barely caught our breath from the two revelations mentioned above when, on September 8, the *Miami Herald* reported that ten South Florida journalists had "received regular payments from the U.S. government for programs on Radio Martí and TV Martí, two broadcasters aimed at undermining the communist government of Fidel Castro."

Whew! Quite a sentence. First of all, the *Herald* makes no concession to the fact that the payments came from Radio/TV Martí, a broadcasting organization that, if it is doing its job properly, conducts itself as a news organization and not an agent of the U.S. government. And the *Herald* automatically labels Radio/TV Martí's mission as undermining Castro. Radio and TV Martí describe themselves as providing objective news and information for Cuba, so the *Herald* reporters should have at least looked into this point before assigning adjectives to the stations. And it's easy to do so, as the stations' content is readily accessible via the internet.

In responding to the AP about this, the BBC spokesman rather inconveniently volunteered that "for decades, some of the most prominent journalists in America have been paid to be on Voice of America." This dragged VOA into the muck. On September 12, the *New York Sun* focused on VOA's payments ("government dollars") to Martin Schram, Hugh Sidey, etc., for programs such as "Issues in the News." The story ultimately resulted in David Lightman of the *Hartford Courant* ending his appearances on "Issues."

Too bad. Articulate and well-informed journalists add to the appeal of VOA's programs, and they can't be expected to come in every week for free. Furthermore, they were not paid to say what the "government" wanted them to say.

Another foul weather front moving in?

If you have not been sufficiently entertained by the three episodes mentioned so far, it looks like more fun is on its way. On September 26, VOA staff was informed by management that the VOA Charter clause about explaining U.S. policy is not limited to VOA Editorials. Policy will also be covered in VOA news and current affairs. Specifically, news or interviews that contain statements against U.S. current policy should be accompanied by something that represents the administration's side.

NASWA members, you've heard it all on your shortwave radios, from the flintily objective to the blatantly propagandistic. With your studied ears, listen to VOA via the audio

medium of your choice. Has balance been achieved by including the administration viewpoint? Or does the injection of administration policy sound contrived?

The new VOA content directive probably has to do with a Defense Department paper about U.S. international broadcasting to Iran, reported, also on September 26, by McClatchy Newspapers. A Pentagon unit accused VOA Persian and Radio Farda of "taking a soft line toward Iranian President Mahmoud Ahmadinejad's regime and not giving adequate time to government critics."

This development will either correct that alleged bias in U.S. international broadcasting, or introduce bias to what was balanced and objective coverage. Listeners and viewers in Iran will detect the result almost immediately, then vote with their tuning dials.


Whither shortwave?

An article in the September 24 *International Herald Tribune* was bearish about shortwave as a medium for international broadcasting. It may embolden more managers of international broadcasting to shut down their shortwave operations in favor of more modern technologies.

But the *IHT* piece failed to mention the timely lesson of the coup in Thailand. The VOA Thai Service lost its affiliates during that coup, and had to reactivate shortwave. BBC and CNN were taken off the cable television systems, then selectively bleeped. Expats no doubt went looking for their old shortwave radios. Certain websites were also shut down in Thailand.

The Kurdish-language Roj TV claims that its satellite transmissions are being jammed by Turkey. We know for sure that Iran is jamming satellite broadcasts with terrestrial transmissions possibly endangering Iranians' health.

Audiences may prefer local relays, satellite reception, and the internet to shortwave. But sometimes shortwave is the only medium that can get through.

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

Listener's Notebook

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ALBANIA Updated schedule for *Radio Tirana*:

0145-0200	English	6115 7450 Tu-Su
0230-0300	English	6115 7450 Tu-Su
0630-0900	Albanian	7105
1800-1815	Serbian	5920 Mo-Sa
1845-1900	English	7465 9920 Mo-Sa
1900-1930	French	9920 Mo-Sa
1900-1930	Italian	5920 Mo-Sa
1930-2000	German	7465 Mo-Sa
2000-2030	English	7465 Tu-Su
2030-2200	Albanian	5910
2300-0030	Albanian	7450

(NRG World News/Johnson/Cumbre DX)

ALGERIA / WESTERN SAHARA *National Radio of the Saharan Arab Democratic Republic* is back on SW frequency 7460.0 as follows:

0600-0800	Arabic
1700-2200	Arabic
2200-2300	Spanish

(DX Mix News—BUL)

ARMENIA *Voice of Armenia* schedule is:

0200-0230	Armenian	4810 9965
0230-0245	Spanish	4810 9965
0245-0330	Armenian	4810 9965
1100-1200	Armenian	4810
1200-1215	Georgian	4810
1215-1245	Armenian	4810
1245-1300	Azeri	4810 Fr/Sa
1245-1315	Azeri	4810 Su-Th
1300-1330	Turkish	4810 Fr/Sa
1315-1330	Turkish	4810 Su-Th
1330-1400	Kurdish	4810
1400-1800	Armenian	4810
1800-1830	Arabic	4810
1830-1850	French	4810 9960
1850-1910	German	4810 9960
1910-1930	English	4810 9960
1930-1959	Armenian	4810 9960

(Wolfgang Buschel, BCDX Sept 22/DX Listening Digest/Hauser-DK)

AUSTRALIA 2485 *VL8K* Katherine, NT, 2110-2130, Aug 31, back on the air with new transmitter with own program, not // 2310 or 2325, English chatting, talk about Australia and nuclear weapons, pop songs. (Petersen-DK However, only 2310 and 2325 on the air on Sep 03. (Valko-PA) But also heard 0900-1040, Sep 05, excellent signal with local Australian news. While this is // with 2325 it is about a half a second ahead, clearly out of synchronization. Talk about parliamentary ministers report. (Wilkner-FL/DSWCI DX-Window/Petersen-DK)

Updated A-06 schedule of *HCJB* Australia:

0000-0030	English	15405 15525
0030-0045	Nepali	15405 Sa-Th
0030-0045	Tamil	15405 Fr
0045-0100	Bangla	15405 Mo-Sa
0045-0100	Malayalam	15405 Su
0100-0115	Bhojpuri	15405 Tu
0100-0115	Chatisgarhi	15405 Fr-Su
0100-0115	Gujarati	15405 Mo
0100-0115	Marwari	15405 Th
0100-0115	Telugu	15405 We
0115-0145	Hindi	15405
0145-0200	English	15405 We
0145-0200	Hmar	15405 Su
0145-0200	Kuruk	15405 Mo/Th
0145-0200	Marathi	15405 Fr
0145-0200	Santhali	15405 Tu/Sa
0200-0230	Urdu	15405
0700-0900	English	11750
0900-1000	Chinese	15400
1000-1100	English	15400 15540
1100-1130	English	15540
1100-1200	Chinese	15400
1130-1200	English	15425 Mo-Sa
1130-1200	Malay	15425 Su
1200-1230	Indonesian	15425
1200-1300	Cantonese	15395
1230-1245	Nepali	15425 Sa-Th
1230-1245	Tamil	15425 Fr
1245-1300	Kuruk	15425 Mo/Th
1245-1300	Malayalam	15425 Su
1245-1300	Marathi	15425 Fr
1245-1300	Santhali	15425 Tu/Sa
1245-1300	Telugu	15405 We
1300-1315	Bhojpuri	15435 Tu
1300-1315	Chatisgarhi	15435 Fr-Su
1300-1315	English	15435 We
1300-1315	Gujarati	15435 Mo
1300-1315	Marwari	15435 Th
1300-1330	English	15400
1315-1330	Hindi	15435
1330-1400	English	15435 Su
1330-1400	Urdu	15435 Mo-Sa
2230-2300	Chinese	15525 Mo-Fr
2230-2300	Japanese	15525 Sa/Su
2300-2330	Indonesian	15390
2300-2400	Cantonese	15525
2330-2400	English	15390

(DX Mix-BUL)

BELARUS Checking both the *Radio Belarus* website and actual broadcast I can give the following schedule of Radio Belarus:

1600-1720	Belarussian	7390 7440
1720-1800	Belarussian	7105 7390 7440

1800-1900 German 7105 7390 7440
1900-2100 English 7105 7390 7440
2100-2300 Russian 7105 7390 7440

(Ullmar Qvick, Sweden, Sept 25/DX Listening Digest/Hauser-OK)

BHUTAN 6035 *Bhutan BS* on 9/25, 9/26 and 9/27 from DX Tuner Sweden. 9/27 w/ s/on 0059 w/ anthem or Bhutanese inst mx, man ann at 0100 until 0117, local stringed inst mx 0117.5, man ann again at 0118, more stringed inst mx 0121.5, man ann 0122, vocal/inst Bhutanese songs at 0124.5 and 0127.5 (more like man chanting here). Programming was similar all three days until a daily wipe out at 0129 from 6040 adj ch s/on with S5+ signal. Signal quality has consistently been S3+ and tonight (9/27) is S4—never been hrd this well before from either Johannesburg or Sweden DX Tuners—new 100 KW xmtr?? Even before 0129 had strong adj channel splash but strong BBS carrier punched thru that until 0129 QRM from 6040. Like Nepal, look for this on ECNA or Europe on a good So. Asian evening. WCNA will be possible later in Fall or early Winter. (Churchill-CA/Cumbre DX)

CHINA 6937 *Yunnan PBS* (p) 1213-1229 Aug 26. Program of local hill vocals, with some traditional CH mx in the mix, as well; the regional mx is reminiscent of what is heard on Burmese and Hmong stations, which makes sense, since Yunnan borders on these areas; at 1229, IS on a rustic woodwind instrument, followed by W with talk in language; good signal but wiped out at 1245 by the "roaring" ute station that is usually present on this freq. (Wilkins-CO/Cumbre DX)

7225 *PBS Sichuan*, Sept 1, 1114-1132, with their Life, Travel and City Service program in Chinese, sound of phone ringing, on-air phone conversation, plays variety of music (Chinese pop song, traditional ballad, etc.), BoH their usual program ID in Chinese and English, "This is the Voice of Golden Bridge," fair, // 6060, which was under Argentina but getting stronger. For the past month 6060 has been too weak and in QRM to ID this program, but by 1230-1300 was usually fair, but by then the Voice of Golden Bridge program was not on. Is nice to be able to hear them on this new frequency. This is from Chengdu, capital of Sichuan province, in southwest China. Thanks very much to Mauno Ritola and Martien Groot. (Ron Howard-CA/Cumbre DX)

CONGO (DEMOCRATIC REPUBLIC) Radio

Kahuzi 6210 I believe the schedule of Radio Kahuzi I posted some time ago is not complete and one thing was misunderstood in various bulletins. The Monday and Friday only note was for the 1600-1700 UTC period only. I believe they are operating daily the other times. And the time segments I posted may refer to programs produced locally, other times they may have pre-recorded programs produced by other organizations. On Mondays and Fridays they

seem to be on at least until 1700 UTC, sometimes well past, say until 1725 or so. The other days sign-off time has been variable, around 1500 or around 1600 UTC. Sorry for the unclear wording in my posting, Hans Johnson in Cumbre DX reports that the power is 830W. (Jari Savolainen-FIN/Cumbre DX)

The station uses satellite feeds quite extensively for program content. The shortwave transmitter has been operating since Feb 2001 with a nominal power of 1 KW, but with actual power varying from 830-870 watts depending on local electrical supply. Schedule:

0700-1100

1200-1400

1600-1700 Mondays and Fridays (can sometimes go beyond 1700)

Planning to broadcast VOA satellite feed 1630-2000 UTC, but this is not firm yet... (Churchill-CA/Cumbre DX)

5066.34 *Radio Candip*, Bunia, 1620-1625, local songs, vernacular announcements, poor and very weak on 18 Aug (Vashek Korinek, RSA, DXplorer Aug 29 via BCDX/DX Listening Digest/Hauser-OK)

ETHIOPIA 6110 *Radio Fana*, Addis Ababa, 1600-1630, Aug 18 and 19, (while looking for Dada Gorgud), 1600 ID, monotonous Horn of Africa songs. At 1630 talks in Amharic and a song play. Nothing heard on 6210—except for a harmonic of ERA- or 6940! (Liangas-GRC/DSWCI DX-Window/Petersen-DK)

7210 *Radio Fana*, Addis Ababa, 0310-0350 fade out, Aug 24, new frequency replacing 6940 (not heard), Amharic news and comment about Israel/Lebanon crisis, QRM BBC in Swahili on 7210 (heard // 6050). Radio Fana was heard// new 6110 (ex 6210 not heard) until 0330*. Thanks to Savolainen for info about the Radio Fana permanent frequency changes. (Petersen-DK/DSWCI DX-Window/Petersen-DK)

The Ethiopian Broadcasting Agency has issued a commercial licence to *Radio Fana*. Broadcast Licensing Department Head Gizachew Tsegaye said that the agency gave the licence to Radio Fana based on its request of 11 October, 2004. Although the station is licensed as a commercial one, it ought to serve the society in a fair and balanced manner, he said. Radio Fana Head Woldu Yimsel said that the station has been striving for development since its launch. The licence would encourage the station to enhance its activities to enable the nation to achieve the desired goal, he said. Woldu further indicated that the issuing of the licence has provided an opportunity for the private electronic media, which, he said, was predominantly owned by the government. (Ethiopian News Agency via RNMN,

BDXC-UK via DXLD/DSWCI DX-Window/Petersen-DK)
So request was pending almost two years. I believe
Radio Fana came on the air in 1994. (Berg-MA)

GERMANY Some DTK T-Systems changes:

Bible Voice Broadcasting Network (BVBN):

1500-1600	Hindi	13840	WER	Mo
1530-1600	Hindi	13840	WER	Tu-Fr
1800-1815	English	13590	JUL	Tu, deleted
1930-2000	English	9775	WER	Su, ex 1900-2000

Hrvatska Radio/Voice of Croatia in Croatian/
English/Spanish:

0600-1000 NF 11610 JUL, ex 11690

Frequency change for **Deutsche Welle** in Swahili:

1400-1450 NF 11645 KIG, ex 11810

(DX Mix-BUL)

Information from reliable sources indicates that **Deutsche Welle** will be on air via the Wertachtal transmitters for the last time on New Year's Eve. Programs in Albanian, Bulgarian, Croatian, Macedonian, Polish, Serbian and Turkish (including Romanes from RBB) will be entirely taken off shortwave at this date (Polish is already on air only via Sines). **Deutsche Welle** will continue to use Nauen, at least for the time being (remember that their contract with VT includes an option to substantially increase the airtime beyond the initial 90 frequency hours). Some Wertachtal transmissions will move to Nauen, the remainder will go to the VT facilities in the UK, including 6075.

A webboard posting from an anonymous but usually reliable source indicates that **Deutsche Welle** will soon cancel all SW transmissions to North America. Otherwise this posting is about DRM on Internationale Funk Ausstellung, how much of all the promises made in last year became reality (nothing) and which news can be expected this year (none). (Ludwig-DE, Sep 01 via DXLD and Koie-DK/DSWCI DX-Window/Petersen-DK)

GUAM Frequency changes for **KTWR**:

1100-1500	Mandarin	NF 7520	TWR,	ex 7455
1500-1630	Korean	NF 7510	TWR	Su-Fr, ex 7455
1500-1700	Korean	NF 7510	TWR	Sa, ex 7455

(DX Mix-BUL)

INDIA A station from Kashmir is now noted on 4765.8 kHz, probably **Radio Kashmir**, Leh/Jammu from tune in around 1415 UTC. 4830 Jammu is absent and 4950 is heard well now. The program at 1430 is not parallel to Jammu 990 kHz MW. Leh is always difficult to hear on 4760 at my end. Anyway look out on 4765.8. (Jose Jacob-IND/Cumbre DX)

INDONESIA 3976 **RRI Pontianak**, 1050, Aug 20, Indonesian talk. (Slaen-ARG/DSWCI DX-Window/Petersen-DK)

3987.06 **RRI Manokwari**, 1040-1107, Sep 03, sounded like live song by Warren Zevon, soft Lagu,

ann, about 6 repeats of IS, 1100 4+1 time ticks, short fanfare, **Warta Berita** (news) mentioning "RRI" and **Radio Republik Indonesia**. Mention of **Warta Berita** at end at 1103, then same fanfare again and usual soft theme song played after RRI news. 1104 RRI ID and talk presumably local news. 1107 mention of "program," then IS twice, and back to music. Pontianak noted below on 3976.06 but much weaker, and presumed Kendari above on 3995.03 but hardly any audio. (Walko-PA/DSWCI DX-Window/Petersen-DK)

3995.04 **RRI Kendari** 1236-1215 Aug 27. YL anc-r, then sub-continental vocal music to 1259 SCI; Jak program at 1300 // to 4869.95, 4790, and 4604.95; Jak program ended at 1312, earlier than usual, then back to local programming. Good signal. (Wilkins-CO/Cumbre DX)

4749.96 **RRI Makassar**, 0000-0035 fade out, Sep 02, Quran recitations, prayer, ann and talk in Bahasa Indonesia, hymns—prolonged schedule. (Petersen). Also heard 1321-1401*, Sep 01 and 02, ann with mention of Makassar; pop music followed with telephone chats, very good signal lately; I wonder if they are back to 50 kW? (Wilkins-CO in Dxplore/DSWCI DX-Window/Petersen-DK)

4604.95 **RRI Serui**, 1108-20 Noted man chanting Koran during period. (Bolland-FL, September 25/Cumbre DX)

4750 **RRI Makassar** Sep 3 1207-1208, at tune-in, a female announcer in Indonesian was heard, with a number of mentions of Indonesia. Quite strong signal, but struggling with badly distorted audio, as is often the case with Makassar. On 9/4, their audio was much better when heard at 1135. (Atkins-WA/Cumbre DX)

4790 **RRI Fak Fak** Sep 3 1220-1223, male and female speakers in Indonesian, and Indo pop music; patriotic-sounding public service announcement or advertisement at 1223. Good level. (Atkins-WA/Cumbre DX)

4869.95 **RRI Wamena** (p), 1240-1303, Sep 03, older English C&W tunes, including Sonny James' version of "Young Love," and another sounding like Marty Robbins; SCI at 1300 was followed by Jakarta program at 1301. (Wilkins-CO in Dxplore/DSWCI DX-Window/Petersen-DK)

4874.58 **RRI Sorong** (t) 1115-1130, Don't know if this is Sorong or not? Usually I hear them around 4871 KHz, however caught this signal here on 4874.58 KHz this morning. Nothing heard on 4871 KHz. Noted typical pop music and a woman between musical segments with Indonesian comments. (Bolland-FL, September 25/Cumbre DX)

7289.86 **RRI Nabire** Sep 22 0756-0818 Indonesian, talk, 0759 RPK, 0800 Jakarta news relay, ID at 0756 and 0812. (Kouji Hashimoto-JPN/Japan Premium/Iwata Gaku-JPN)

IRAN Radio Zamaneh is a new Iranian broadcasting station based at the Royal Tropical Institute in Amsterdam, The Netherlands. This independent non-partisan radio station aims to be a medium for the unheard voice of young. Broadcasting in the Farsi language via Internet, satellite and short-wave, Radio Zamaneh brings news and analysis, educational programs as well as music and entertainment. Internet broadcasting started on the 4th of August 2006 while satellite broadcasting started on the following 7th of September and short-wave [6245 kHz] broadcasting starts today on the 11th of September 2006. Radio Zamaneh broadcasts 24 hours in its satellite edition. The core of its current affairs and cultural program is broadcasted 4 hours a day through short wave. Daily short-wave broadcasts start at 19:00amsterdam time (20:30 Tehran time), [1700-2100 UTC] Radio Zamaneh's main target group is young Iranians. Please see the following for the full story: <http://www.pressnow.org/news.asp?NewsID=63>

(Howard-CA/NASWA Electronic Flash Sheet)

KUWAIT Updated summer A-06 for IBB via KWT:

0000-0100	RFE Kazakh	5945
0030-0130	ASH Pashto	12140
0100-0300	RFA Tibetan	9365
0130-0230	ASH Dari	12140
0230-0330	AFG Pashto	11820 12140
0300-0400	RFE Tajik	9760
0330-0430	AFG Dari	11820 15615
0430-0530	AFG Pashto	15615 17670
0530-0630	AFG Dari	17670
0600-0700	RFA Tibetan	17780
0630-0730	AFG Pashto	17685
0730-0830	AFG Dari	15615 17685
0830-0930	AFG Pashto	15615 17685
0930-1030	AFG Dari	15090 17685
1000-1400	FAR Persian	7125
1030-1130	AFG Pashto	15090
1100-1200	RFA Tibetan	17855
1200-1400	RFA Tibetan	11590
1130-1230	AFG Dari	15090
1230-1330	AFG Pashto	11550 15090
1330-1430	AFG Dari	11550 15090
1400-1500	AKD Urdu	9510
1400-1500	VOA Tibetan	11975
1430-1500	ASH Pashto	12140 15090
1500-1530	ASH Dari	12140 15090
1500-1530	VOA Uzbek	15390
1500-1600	RFA Tibetan	11550
1530-1630	ASH Pashto	12140 15090
1600-1700	RFE Uzbek	7555 12150
1630-1730	ASH Dari	11565 12140
1700-1800	AKD Urdu	9315
1730-1800	ASH Pashto	7555 11565
1800-1830	ASH Dari	7555 11565
1830-1930	VOA Persian	5860
1830-1930	ASH Pashto	7555
1930-2030	ASH Dari	7555
2000-2130	FAR Persian	5830

2030-0030 VOA English 7555
2300-2400 RFA Tibetan 7500

AFG=Radio Free Afghanistan

AKD=Radio Aap Ki Duniya

ASH=Radio Ashna

FAR=Radio Farda

RFA=Radio Free Asia

RFE=Radio Free Europe

VOA=Voice of America

(DX Mix News—BUL)

MADAGASCAR 9688.6 Radio Nasionally Malagasy Following up on Dave Valko's tip of a few weeks back. At 1145 I Tuned in and used LSB to get the exact frequency. I heard a pop music program hosted by a woman speaking in an UNID language, presumed Malagasy. The signal was only fair and there were deep fades. At 1158, there was talk by the same woman and a man. There was a bit of a fanfare at 1200 and then talk by a man. I also heard the station on the listed // frequencies of 6135 and 7105. By 1205 the signal was better on 9688 and remained at fair levels with a local music. (Johnson Aug 27 via DX Tuner South Africa/Cumbre DX)

7105.00 RTV Malagasy, 1255-1300, talks and announcements in Malagasy; the frequency is spot-on accurate, very good on 18 Aug (Korinek, RSA, DXplorer Aug 29 via BCDX/DX Listening Digest/Hausler-OK)

MALAYSIA 5964.94 Klasik Nasional FM (RTM), from Kajang; Sept 26, 1328-1348; nice Malay ballads; BoH brief talk about Islam, over Middle Eastern type music; back to ballads; heard several new IDs: "Klasik Nasional." Nasional FM was regularly heard here before Aug 12, when they merged with Klasik FM, to become "Klasik Nasional FM," but I have only heard "Klasik Nasional" IDs, without the FM. Live audio streaming is working at: <http://www.rtm.net.my/> Thanks to Alan Davies for tip on the new name (Howard-CA/DX Listening Digest/Hausler-OK)

6050 *Sibu* is still active, but with a reduced schedule: 2200-0100 relaying *Wai FM Kuching* in Iban, and 0400-0700 apparently with local programming from *Sibu FM*, probably also in Iban. I've been unable to trace an evening transmission from *Sibu* on 6050. Even in Kuching, the 0400-0700 transmission from *Sibu* is more or less unintelligible because of interference from the Kajang transmitter near Kuala Lumpur, which is currently on approx. 6049.64. The Kajang transmitter carries Info FM in Malay 0200-0500, Asyik FM in Malay and Orang Asli langs 0500-1500, and Suara Islam for listeners in INS 1500-1700.

7270 (currently on approx. 7270.15), the *Kuching* schedule of is as follows: 2200-0100 *Wai FM Iban*; 0100-0400 *Wai FM Bidayah*; 0400-0700 re-lays *Limbang FM* in Lun Bawang; 0700-1000 *Wai FM Kayan/Kenyah*; 1000-1600 *Wai FM Iban*. The same *Wai FM* programs are on Kuching 548.92 kHz, except at 0400-0700 when 548.92 is off air.

5030 (currently approx. 5030.02), *Sarawak FM* is still heard 2200-1600 in Malay on 5030 and 7130 kHz, 24h on FM, and also 0000-0200 & 1000-1200 on Kuching 729 kHz.

Around 30 & 31 August, the Sarawak SW frequencies probably operated an extended schedule for coverage of Malaysian Independence Day celebrations on 31 August.

5965 (currently approx. 5964.94), from Kajang; the Nasional FM network from RTM Kuala Lumpur merged with Klasik FM on 12 August, and has been re-named "*Klasik Nasional FM*," with a format of news, info and Malay oldies presented in Malay. The network operates 24h. It's also transmitted on the former Nasional FM network, and additionally in Kuala Lumpur on the Klasik FM frequency, 93.9 MHz. (Alan Davies-Surabaya-INS, DXplorer Sept 1/BC-DX/Bueschel-DE)

7270 *Wai FM* 1254-1314 Sep 18. Usual "chanting" program; clear "Wai FM" jingle at 1258, then YL with a few words; two pips at 1300, then "...berita nasional RTM" (news); out of nx and into mx at 1310. Think 5964.9 was // during news, but not certain. There was no het today from 7270.15, but co-channel QRM right on 7270, so apparently the off-frequency station is back on its nominal freq. Of the two stations, *Wai FM* was much the dominant one here with very little discernible from the station underneath, except for a distinctly different set of pips, 5 or 6 of them, heard at ToH just prior to RTM's 2 pips. Presume the other station is Nei Menggu. (John Wilkins-CO, DXplorer Sept 19/BC-DX/Bueschel-DE)

NEW ZEALAND New schedule of *Radio New Zealand International*, all English:

0659-1059	6095 7145*
1100-1259	9870
1300-1750	6095* 7145
1751-1850	9440* 9630
1851-0658	13730 15720*

* DRM

(DX Mix News—BUL)

PERU 3172.64 *Radio Municipal*, Pano. Sign on around 1000 to 1010 during the week of Aug 27-Sep 2. (Wilkner-FL/DSWCI DX-Window/Petersen-DK)

3234.86 *Radio Luz y Sonido*, Huanuco. Sign on around *1000-*1020, Aug 27-Sep 03, excellent music, but few ID's. (Wilkner-FL). Also heard at 0032, religious music, ID. (Cesar Dioses-PERU/DSWCI DX-Window/Petersen-DK)

3329.53 *Ondas del Huallaga*, Huanuco, Sign on around *1000-*1015, Aug 27—Sep 3, usual "flauta Andina," rustic Peruvian music, in LSB narrow to avoid CHU. (Wilkner-FL/DSWCI DX-Window/Petersen-DK)

3375 *Radio San Antonio*, Callalli, 1033, Aug 20, Spanish, Huaynos, TC, ann: "Bueno amigos... hoy domingo..." (Slaen-ARG/DSWCI DX-Window/Petersen-DK)

4485 *Radio Frecuencia VH*, Celendin, 0028, Huaynos, ID. (Cesar Dioses-PERU/DSWCI DX-Window/Petersen-DK)

4746.85 *Radio Huanta 2000*, Huanta, 0112-0125, Aug 24, ann, pop songs in Spanish, time ann with echo. (Bueno-ESP in Noticias DX/DSWCI DX-Window/Petersen-DK)

4755 *Radio Huanta 2000*, Huanta, 1110, Aug 20, drifted to this frequency, Quechoa/Spanish, many local ads by male and female, ann: "...Club Deportivo Santa Maria Magdalena representa a Huanta...el futbol huantero...para entrar a la Copa Peru.no se lo puede perder." (Slaen-ARG/DSWCI DX-Window/Petersen-DK)

4790.2 *Radio Vision*, Chiclayo, 2309-0631, Aug 19, 24, 26, 27, 29 and 30, Sep 03, Spanish religious programs "para toda la familia" most of the time, also program "Melodias Ecuatorianas," Andean songs, ID: "...Transmite Radio Vision 1350 kilociclos amplitud modulada y 4790 Kilohertz onda corta transmitiendo en simultaneo las 24 horas del dia, desde la ciudad de Chiclayo para el Peru y el mundo..." (Bueno-ESP in Noticias DX, Baste-FRA, Cassio-BRZ, Petersen, Rodriguez and Slaen-ARG/DSWCI DX-Window/Petersen-DK)

4826.38 *Radio Sicuani*, Sicuani, 1006-1020, Aug 20 and 29, comments in Spanish, Quechoa short ann, Huaynos. (Bolland-FL and Slaen-ARG/DSWCI DX-Window/Petersen-DK)

4855.45 *Radio La Hora*, Cuzco, 2340-2345, Aug 17, talks, interviews, actualities, fair. (Korinek-RSA/DSWCI DX-Window/Petersen-DK)

4940 *Radio San Antonio*, Atalaya, 2330-2350, Sep 2, program "Barra Deportiva" with comments abt the Copa Peru match between el Deportivo Municipal de Atalaya and el Sport Loreto de Pucallpa. ID: "...barra deportiva en Radio San Antonio saluda..." (Rodriguez/DSWCI DX-Window/Petersen-DK)

4950 *Radio Madre de Dios*, Puerto Maldonado, 2207-2218, Aug 25, Spanish talks, Indian songs, talks on health care. (Goncalves-POR/DSWCI DX-Window/Petersen-DK)

4955v *Radio Cultural Amauta*, Huanta, 1037 and 2217-0145, Aug 19, 20, 24 and 25, Spanish and Quechoa talks and greetings, religious program about the Creation, hymn. (Bueno-ESP in Noticias DX, Goncalves-POR and Slaen-ARG/DSWCI DX-Window/Petersen-DK)

5019.91 **Radio Horizonte**, Chachapoyas, 1027-1035, Aug 29, steady Spanish comments, brief music. (Bolland-FL/DSWCI DX-Window/Petersen-DK)

5025 **Radio Quillabamba**, Quillabamba, Cuzco, 0035, religious talk, ID. (Cesar Diones-PERU/DSWCI DX-Window/Petersen-DK)

5039.21 **Radio Libertad**, Junin, *1045v-1205, signing on between 1045 and 1120, Aug 27- Sep 02, seems to sign on late on Sundays as not noted Sep 03, excellent Peru music, ann Agroveterinaria Gamarra, Centro Naturista El Paraiso, 1202 ID: "Actualidad informativa en Radio Libertad de Junin..." Not heard at other times during weekend. (Rodriguez and Wilkner-FL/DSWCI DX-Window/Petersen-DK)

5070.7 **Radio Ondas del Suroriente** (p), Quillabamba, 2210-2252, Aug 18 and 19, Spanish advs, jingles, ann, local folkloric music. (Korinek-RSA and Slaen-ARG/DSWCI DX-Window/Petersen-DK)

5460.07 **Radio La Voz del Bolivar**, La Libertad, 0038-0120, Aug 18, cumbias, ann, ID. (Cesar Diones-PERU and Korinek-RSA/DSWCI DX-Window/Petersen-DK)

5485 **Radio Reyna de la Selva**, Amazonas, 1435, music, ID. (Cesar Diones-PERU/DSWCI DX-Window/Petersen-DK)

5545 **Radio San Andres**, Cajamarca, 0040, Cumbias, ID. (Cesar Diones-PERU/DSWCI DX-Window/Petersen-DK/DSWCI DX-Window/Petersen-DK)

5700 **Radio Frecuencia**, San Ignacio, 0042, Boleros, ID. (Cesar Diones-PERU/DSWCI DX-Window/Petersen-DK)

5940 **Radio Melodia**, Arequipa, 0010, Cumbias, ID. (Cesar Diones-PERU/DSWCI DX-Window/Petersen-DK)

6019.57 **Radio Victoria**, Lima, 2341-2358 and 0613-0630, Aug 23, 26 and 27, Spanish comments interspersed with music. 2358 QRM China Radio Int. opening 2400 blocked everything. 0613 religious programs. (Bueno-ESP in Noticias DX and Bolland-FL/DSWCI DX-Window/Petersen-DK)

6047.1 **Radio Santa Rosa**, Lima, 0012, Rosario prayer, ID. (Cesar Diones-PERU). Also heard 1030-1048, Sep 02, Retransmission of Servicio Hispanoamericano from Radio Vaticana. "...para el Peru y el mundo Santa Rosa Radio..." ann the activities of the 48th anniversary "...Estas sintonizando Radio Santa Rosa la primera radio catolica del Peru..." (Rodriguez/DSWCI DX-Window/Petersen-DK)

6114.88 **Radio Union**, Lima, 0135-0145, Aug 18, program about Internet and computers. (Korinek-RSA/DSWCI DX-Window/Petersen-DK)

6173.80 **Radio Tawantinsuyo**, Cusco (p), 0037-0052, Aug 24, talk in Spanish and Peruvian music, mentioned Cochabamba. (Bueno-ESP in Noticias DX/DSWCI DX-Window/Petersen-DK)

6193.39 **Radio Cusco**, Cusco, 0145-0150, Aug 18, nice Huaynos, ann, good. (Korinek-RSA/DSWCI DX-Window/Petersen-DK)

6535 **Radio Huancabamba**, Huancabamba, 0015, Ecuadorian Pasillos. (Cesar Diones-PERU/DSWCI DX-Window/Petersen-DK)

6820 **Radio La Voz de las Huarinas**, Huancabamba, 0018, Huaynos, ID. (Cesar Diones-PERU/DSWCI DX-Window/Petersen-DK)

9720 **Radio Victoria**, Lima, 0416-0440, Aug 27, end of Spanish language religious program with organ music. Talk by man and woman announcers with ID at 0431. (D'Angelo-PA/DSWCI DX-Window/Petersen-DK)

10354 **Radio Wilkamayu**, Cuzco, 1930, Huaynos, avisos, ID. (Cesar Diones-PERU). Harmonic. (Ed/DSWCI DX-Window/Petersen-DK)

SERBIA / MONTENEGRO ITU adopted new abbreviations for Serbia and Montenegro following the new political situation. BR IFIC No. 2575 (Jul 31, 2006) reflects the changes in the ITU membership, resulting from the partition of the former ITU Member State "Serbia and Montenegro" (ITU symbol SCG) into two separate States: Republic of Serbia (ITU symbol SRB) and Republic of Montenegro (ITU symbol MNE). The historical information in the fields "coordination," "affected administration," etc., which contained the code "SCG" (indicating that the coordination was effected with the administration of the former ITU Member State "Serbia and Montenegro," or indicating, as affected the territory of the former ITU Member State "Serbia and Montenegro"), was replaced by a new symbol (XSC) designating the former ITU Member State "Serbia and Montenegro." (Cobisi-ITL, Sep 02/DSWCI DX-Window/Petersen-DK)

SINGAPORE 6120 **Radio Singapura Intl'** 1300-1320 Aug 26. Time check in Singapore Time (9:00) and W. Indo Time (8:00): "Dapat pukul sembilan malam waktu Singapura, ata dapat pukul delapan waktu Indonesia Bagian Barat. Inilah warta berita dari Radio Singapura Internasional siaran Indonesia" and a 7-minute news bulletin did, indeed, follow; a pop mx program was next, with YL ancr; tuned out at 1320. Good signal, // 7235 which was way underneath VOA. (Wilkins-CO/Cumbre DX)

SRI LANKA Frequency changes for **SLBC**:

0800-0830	Kannada	NF 15745, ex 11905
0830-1000	Telugu	NF 15745, ex 11905
1000-1130	Malayalam	NF 15745, ex 11905
1130-1330	Tamil	NF 15745, ex 11905
1330-1540	Hindi on	NF 15745, ex 11905
1542-1840	Sinhala	NF 11750, ex 11715

(DX Mix News—BUL)

THAILAND A06 sked:

0000-0030	English	9570
0030-0100	English	5890 (IBB)

0100-0200	Thai	5890 (IBB)
0200-0230	English	5890 (IBB)
0230-0330	Thai	5890 (IBB)
0530-0600	English	17655
1000-1100	Thai	11870
1100-1115	Vietnamese	7260
1115-1130	Khmer	7260
1130-1145	Lao	6030
1145-1200	Burmese	6030
1200-1215	Malaysian	11870
1215-1230	Indonesian	11870
1230-1300	English	9835
1300-1315	Japanese	11685
1315-1330	Mandarin	11685
1330-1400	Thai	11685
1400-1430	English	9830
1800-1900	Thai	9680
1900-2000	English	7155
2000-2015	German	9680
2015-2030	French	9680
2030-2045	English	9680
2045-2115	Thai	9680

(R. Thailand QSL card/Jim Renfrew-NY & Jean-Michel Aubier-F/DXLD/Hauser-OK)

UNITED KINGDOM VT Communications changes:

Radio Prague

0330-0357	English	5990 SAC, additional
2330-2357	Spanish	9685 SAC, additional

Leading The Way

1700-1730	Persian	15495 WOF Fr, ex Tu/Fr
1700-1730	Russian	15495 RMP Su, ex Sa/Su

Trans World Radio Africa

1730-1800	Amharic	12035 DHA Sa, additional
1800-1845	Amharic	12035 DHA daily, ex Sa/Su

WYFR Family Radio

1830-1930	French	NF 17585 ASC, ex 9845
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(DX Mix News—BUL)

UNITED STATES Updated summer A-06 for WEWN:

0000-0500	English	5810
0000-0500	Spanish	7540 13615
0500-0600	English	5850
0500-1100	Spanish	7540 9885
0600-0900	English	5850 7570
0900-1400	English	5850
1100-1400	Spanish	9885 13615
1400-1600	English	9955
1400-2200	Spanish	9885 15745
1600-1700	English	6890
1700-2000	English	6890 15220
2000-2200	English	6890 15220
2200-2400	English	9975 15745
2200-2400	Spanish	9355 13615

(DX Mix News—BUL)

KNLS has already posted their B-06 schedule, and look at the new frequencies in the 6.9 MHz ar-

ea, so maybe they will be without co-channel: **KNLS**
Broadcast Schedule Starting October 29, 2006:

0800-0900	English	6150
0800-1000	Mandarin	7355
0900-1000	Russian	6150
1000-1100	English	6150
1000-1200	Mandarin	7355
1100-1200	Russian	6150
1200-1300	English	6150 6915
1300-1400	Mandarin	6890 7355
1400-1500	English	6150
1400-1600	Mandarin	7355
1500-1700	Russian	6150
1600-1800	Mandarin	6915
1700-1800	Mandarin	6150

(from **KNLS** website via Joe Hanlon/DX Listening Digest/Hauser-OK)

Radio Free Asia changes:

1230-1330	Khmer	NF 11870, ex 13645 // 15525
2030-2230	Korean	7460 9385 9770 12075, ex 2100-2300

(DX Mix-BUL)

Updated A-06 for Voice of America (VOA):

0000-0030	Indonesian	9535 11805 13705
0000-0100	Tibetan	7255 9855 11690
0000-0200	Chinese	9545 11830 11925 15150 15385 17765
0030-0100	English_6	9715 9780 15185 15205 15290 15560 17740 17820
0030-0100	Hindi	7430 11805
0030-0130	Pashto&	7590 12140
0030-0200	Spanish	9560 9885 11815
0100-0200	English_5	9885 11705 11725
0100-0200	Urdu*	7145 11805
0130-0200	Bangla	11735 15205
0130-0200	English_6	7405 13740 Tu-Sa
0130-0230	Dari&	7590 12140
0200-0300	Chinese	9545 11830 11925 15385 17765
0230-0330	Persian	9695 11870 17855
0300-0330	English_1	4930 6080 7340 9885 12080 15580
0330-0400	English_1	4930 6080 9885 12080 15580
0330-0400	Turkish	7205 Mo-Fr
0330-0430	Kinyarwanda	6095 7340 13725
0400-0430	English_1	4930 4960 6080 9575 9885 11835 12080 15580
0400-0430	Ukrainian	7265 9710 Mo-Fr
0400-0500	Kurdish	7115 9730 11980
0400-0600	Tibetan	15265 15490 17685
0430-0500	Croatian	5965
0430-0500	English_1	4930 4960 6080 9575 11835 12080 15580
0430-0500	Hausa	9600 11680 Mo-Fr
0430-0500	Portuguese	6095 7340
0500-0530	Albanian	11805
0500-0530	Hausa	4960 9600 11680

0500-0600	English_1	4930 6080 6180 12080 15580	1530-1600	Georgian	11805 15475
0530-0545	Serbian	11805	1530-1630	Pashto&	12140 15090 17840
0530-0600	French	4960 6035 6095 9885 13710 Mo-Fr	1600-1630	Albanian	13740
0600-0630	French	4960 6035 6095 9885 13710 Mo-Fr	1600-1630	Kinyarwanda	11925 15430 17725 Sa
0600-0700	English_1	6080 6180 12080 15580	1600-1630	Kurdish	9825 15545 17745
0700-0900	Chinese	13610 13740 15250 17780 17855 21540 21705	1600-1700	Bangla	7430 11835
0900-1000	Chinese	11825 11965 13610 13740 15250 15665 17780 17855	1600-1700	English_1	4930 6080 15410 15580
1000-1100	Chinese	9575 11825 11965 12040 13610 15250 15665 17855	1600-1700	English_6	12080 13600 17895
1030-1045	Turkish	15205 17740 Mo-Fr	1600-1700	Hindi	7260 9315
1100-1200	Chinese	6110 9575 11785 11825 11965 11990 12040	1630-1700	Creole	15390 17565
1100-1230	Spanish	7370 9535 13790	1630-1700	Kurdish	9825 15545 17745
1100-1300	Indonesian	9700 9890 12010	1630-1700	Persian	6040 9700 11520
1130-1200	Creole	11890 11925 15360 Mo-Fr	1630-1700	Swahili	9815 13670 15730
1200-1230	Chinese	6110 9845 11785 11825 11965 11990 12040	1700-1730	Dari&	11565 12140 17840
1200-1230	English_5	6160 9645 9760 11750	1700-1730	Persian	6040 9770 11520
1230-1300	Chinese	6110 9845 11785 11805 11825 11965 12040	1700-1730	Portuguese	9565 12080
1230-1300	English_5	6160 9645 9760 11750	1700-1730	Shona	4930 13755 17730 Mo-Fr
1230-1300	Korean	5890 7235 11740	1700-1730	Swahili	9815 13670 15730 Mo-Fr
1230-1300	Laotian	6030 9510 11930	1700-1800	English_1	6080 15410 15580
1300-1330	Vietnamese	5955 9720	1700-1800	Urdu*	9315 9785
1300-1400	Chinese	6110 9845 11785 11805 11965 11990 12040	1700-1900	Russian	6105 7220 9520 11805
1300-1400	English_5	9645 9760	1730-1800	Afan/Oromo	9875 11500 11675 11905 13870 Mo-Fr
1300-1400	Korean	5890 7235 11740	1730-1800	Azeri	7170 7595 13725
1300-1400	Kurdish	12025 15130 15390	1730-1800	English_4	4930 13755 17730 Mo-Fr
1300-1400	Russian	11725 15205 15475 17730	1730-1800	Pashto&	7555 11565 17840
1300-1500	Cantonese	7115 9355	1730-1800	Persian	6040 9770 11740
1330-1430	Khmer	5955 7155 9680	1800-1830	Portuguese	9565 9815 12080 15730
1400-1500	Chinese	6110 9845 11805 11965 11990 12040	1800-1830	Dari&	7555 11565 17840
1400-1500	English_2	15490 17730	1800-1830	English_1	6080 15410 15580 17895
1400-1500	English_5	7125 9760 13795 15185 15580 17685 17720	1800-1830	English_1	4930 Sa/Su
1400-1500	Indonesian	13620 15105 Th-Sa	1800-1830	Hausa	4940 9565 11720 12080 17785 Sa/Su
1400-1500	Korean	5890 7235 11740	1800-1830	Ndebele	4930 13755 17730 Mo-Fr
1400-1500	Tibetan	6030 11520 11975	1800-1830	Persian	6040 9770 11925
1400-1500	Urdu*	9510 15530	1800-1830	Portuguese	9565 9815 17785 Mo-Fr
1430-1500	Pashto&	12140 15090 17840	1800-1900	Amharic	9875 11500 11675 11905 13870
1430-1530	Burmese	9330 11910 12120	1800-1900	Kurdish	7205 11520 15545
1500-1530	Dari&	12140 15090 17840	1830-1900	Albanian	9840
1500-1530	Hausa	9710 11905 13750	1830-1900	Croatian	7175 15180
1500-1530	Uzbek	7555 11780 15390 17685	1830-1900	English_1	4930 6080 15410 15580 17895
1500-1600	English_1	6080 13795 15580 17895	1830-1900	Persian	5860 6040 11925
1500-1600	English_2	15195 15445	1830-1900	Turkish	11865 15235
1500-1600	English_5	7125 12150 13735 15105	1830-1930	Pashto&	7555 7590
1500-1600	English_6	6160 9590 9760 12040 15550	1830-2000	French	9815 9830 12080 15730 17785
1500-1600	Vietnamese	5955 6120 9780	1900-1930	Persian	5860 6040 11925
			1900-1930	Tigrina	9875 11500 11675 11905 13870 Mo-Fr
			1900-2000	English_1	4930 4940 6080 15410 15445 15580 17895
			1900-2000	English_6	6040 9670
			1930-2000	Serbian	9530
			1930-2030	Dari&	7555 7590
			2000-2015	Ukrainian	7230 11840 Sa/Su
			2000-2030	English_1	4930 4940 6080 15410 15445 15580
			2000-2030	French	9815 9830 11720 12080 15730
			2000-2030	Korean	6060 7125 9510

2000-2030	Ukrainian	7230 11840 Mo-Fr	English_1	2030-2100	4940 Sa/Su
2030-0030	English_3	7555	English_1	2100-2200	6080 15580
2030-2100	English_1	4940 Sa/Su	English_6	0030-0100	9715 9780 15185 15205
2030-2100	English_1	4930 6080 15410 15445			15290 15560 17740 17820
		15580	English_6	0130-0200	7405 13740 Tu-Sa
2030-2100	French	9815 9830 11720 12080	English_6	1500-1600	6160 9590 9760 12040
		15185 Sa/Su			15550
2030-2100	Hausa	4940 9815 9830 11720	English_6	1600-1700	12080 13600 17895
		12080 15185 Mo-Fr	English_6	1900-2000	6040 9670
2100-2130	Creole	11895 13725 21555	English_6	2230-2330	9570 13755 15145
2100-2130	French	9815 9830 11720 12035	English_6	2330-2400	7260 9570 13725 13755
		12080 Mo-Fr			15145
2100-2130	Serbian	7210 Mo-Fr	English_2	1400-1500	15490 17730
2100-2200	English_1	6080 15580	English_2	1500-1600	15195 15445
2200-2230	Khmer	6060 7130 7260 13725	English_3	2030-0030	7555
2200-2300	Chinese	7190 7200 9510 9545	English_4	1730-1800	4930 13755 17730 Mo-Fr
		11925 13775	English_5	0100-0200	9885 11705 11725
2200-2400	English_5	7215 11725 15185 15290	English_5	1200-1230	6160 9645 9760 11750
2200-2400	Indonesian	7225 9535 11805	English_5	1230-1300	6160 9645 9760 11750
2230-2330	English_6	9570 13755 15145	English_5	1300-1400	9645 9760
2230-2330	Vietnamese	6060 13725	English_5	1400-1500	7125 9760 13795 15185
2330-2400	Burmese	6185 9505 11980			15580 17685 17720
2330-2400	English_6	7260 9570 13725 13755	English_5	1500-1600	7125 12150 13735 15105
		15145	English_5	2200-2400	7215 11725 15185 15290

English 1 = English to Africa
 English 2 = English to Europe, ME and North Africa
 English 3 = English to Afghanistan
 English 4 = English to Zimbabwe
 English 5 = English to East and Southeast Asia
 English 6 = Special English

Radio Sawa

& Radio Ashna

* Radio Aap Ki Dunyaa

English broadcasts only:

English_1	0300-0330	4930 6080 7340 9885
		12080 15580
English_1	0330-0400	4930 6080 9885 12080
		15580
English_1	0400-0430	4930 4960 6080 9575 9885
		11835 12080 15580
English_1	0430-0500	4930 4960 6080 9575
		11835 12080 15580
English_1	0500-0600	4930 6080 6180 12080
		15580
English_1	0600-0700	6080 6180 12080 15580
English_1	1500-1600	6080 13795 15580 17895
English_1	1600-1700	4930 6080 15410 15580
English_1	1700-1800	6080 15410 15580
English_1	1800-1830	6080 15410 15580 17895
English_1	1800-1830	4930 Sa/Su
English_1	1830-1900	4930 6080 15410 15580
		17895
English_1	1900-2000	4930 4940 6080 15410
		15445 15580 17895
English_1	2000-2030	4930 4940 6080 15410
		15445 15580
English_1	2030-2100	4930 6080 15410 15445
		15580

(DX Mix-BUL)


VATICAN CITY Frequency change for Vatican Radio, 7335 replaces 12055:

0025-0040	Urundu	7335 9650
0040-0100	Hindi	7335 9650
0100-0120	Tamil	7335 9650
0120-0140	Malayam	7335 9650
0140-0200	English	7335 9650

(Raja-IND, Chennai DX Club/Cumbre DX)

VIETNAM 4739.74 *Son La BC Station* (p) 1335-1359* Sep 27. Southeast Asian vocals, W ancr; tough copy due to band noise; left the air at 1359:23 UTC. (Wilkins-CO/Cumbre DX)

ZIMBABWE 6045 *ZBC* Harare, 2200, Aug 20, 25 and 26, back on shortwave after a several weeks' absence, but still noted to be "missing" every now and then, so probably some transmitter problems. IDing as Radio Zimbabwe and playing local pop music. No trace on 3306 nor 6612. (Korinek-RSA and Kuhl in Dxplore/DSWCI DX-Window/Petersen-DK)

UNIDENTIFIED Latin American 6142.61 UNID., 0940 pgm of just simple rustic Ranchera mx w/M ancr host in SP. Ment of "...los pueblo..." 0959 canned voice-over anmnt by M w/ment of khz but it was fading so couldn't copy. Seemed to be in nx at 1002. Lider usually has quite a few canned IDs, so I don't know what this would be. Drifting down to 6142.56 by 1002, and 6142.48 by 1020. Getting some local noise just above on 6144 but fair signal and quite (quick) fady. Gradually fading out after 1005. (Valko 2 Sept/Cumbre DX) 

Pirate Radio Report

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

Hello and welcome to the October 2006 edition of the *Pirate Radio Report*. I am happy to report that noise levels are starting to quiet down a bit and by the time you read this, conditions should even be better.

Many thanks to the following fine folks who made this column possible. Ed Insigner-NJ, Chris Lobdell-Bakers Island-MA, George-Maroti-NY, George Zeller-OH.

Ann Hoffer, 6925 USB, noted from 0005-0014 sign off on September 24th. Ann was playing tunes on her guitar such as "Knocking On Heaven's Door", saying it was too warm out. No mention of skinny dipping this time! 09-24-06 (Lobdell-MA)

Cracker Radio, logged on 6925 USB mode from 0134-0203 sign off on September 17th. Sign on with the Canadian national anthem as played by a synthesized instrument. Most of the program was novelty mx and Bob and Doug Mackenzie sketches about beer. Mackenzie gives an editorial about hockey. Gave an e-mail address for reports that I did not copy definitely. It might have been crackerradio@pmlol.com or similar. Clearly a collection of Canadian programming. (Zeller-OH)

Doctor Who, noted on 6925 USB from sign on at 0222 to 0224 sign off on September 24th. Short broadcast consisting only of IDs but no other programming heard during the show. Did mention an address as drwho@yahoo.com at the end. (Zeller-OH)

MAC, noted on 6850 AM from 0016-0117 UTC fade out on Sept. 24th. This station was really booming in S-90 +20 dB on the E1 for over an hour, and then the Band changed and it was gone in a minute! Paul Starr with oldies. Email: macshortwave@yahoo.com. They have a nice QSL card. (Lobdell-MA)

Northwoods Radio, heard 6925 USB from sign on at 0027 to 0117 sign off on September 16th. Sign on with loon noises and other animal noises. Mainly a program of new age

mx w/some Indian pow wow mx mixed in, too. Said was broadcasting from the Great Lakes. Plenty of IDs including one in CW at close. (Zeller-OH)

Radio Boomerang, A Dutch Europirate. 6299.9, 2040-2127 Sign off on Sept. 23rd, Ballad at tune-in, then only 2 minutes of "When the Rain Begins to Fall", when he pulled the plug. Back on the air at 2115 with "Popcorn", ID at 2121. SINPO 34333. (Maroti-NY)

Radio Ramona, 6400.5 kHz, another Dutch Europirate, heard from 2053-2250 UTC on Sept. 23rd. Very surprised to catch some audio so early from this 15 watt station. Recognized "Hound Dog" by Elvis, then later "Iron Man" by Black Sabbath. Operator confirmed via #pirateradio chat channel that it was him. SINPO 13331. (Maroti-NY)

Robot Radio [Tentative], 6925 kHz USB at 0058 sign on. Many repeated IDs as "Robot Radio," but no mention of an address or e-mail. Good signal, with synthesized music in between ISS by male and female in a distorted delivery. (Insigner-NJ)

Take It Easy Radio/TIE, one of the more regularly heard and longest running stations still on the air was logged on 6925 USB at 2256-0027 sign off September 22-23. Lengthy program of rock mx and messages of support for American troops by OM announcer. Said hello to both Andy Yoder and George Zeller. Some standup comic segments during the broadcast. Merlin address. (Zeller-OH)

Touch Tone Radio, heard on 6925 USB mode at 2202-2225 sign off on September 23rd. Apparent new station w/an interesting mix of music, perhaps best characterized as semi-new age mx for the most part. Touch tone phone noises during some of the IDs. Said that the xmtr is in Bermuda, but unfortunately gave no address. (Zeller-OH)

Happy Pirate DX!



QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



ABU DHABI: Adventist World Radio

15265 via Al Dhabayya f/d "Shortwave Coverage" cd. in 122 ds. v/s Adrian M. Peterson. (Humenyk-ONT).

ARMENIA: Voice of Armenia 9965 personal ltr. w/ a paper thin QSL cd. in 91 ds. v/s Armen Amirian, General Director. The glue from the envelope stuck to the ltr. making extricating the whole thing a messy situation. (D'Angelo).

ASIATIC RUSSIA: Radio Free Asia 15565 via Vladivostok cd.

w/o site in 2 mos. (Barto-CT).

BONAIRE: Radio Nederlands 9845 f/d "light Dances in the Meadows" cd. in 23 ds. (Humenyk-ONT).

CHINA, PEOPLE'S REPUBLIC OF: China Radio International 7180 via Jinhua

f/d "Ibex Endangered Species" cd. in 6 wks. (Barto-CT). 11975 via Urumqi f/d "Slow Loris"

STATION NOTES: Radio

Tatras International 9290 v/s Raimonds Kreicbergs, KREBS TV Director. Email: tesug@parks.lv. **XEOI Radio Mil**

6010 v/s Julian Santiago Diez de Bonilla, Encargado Proyecto Onda Corta de Radio Miland Sr. Julian Santiago Diezen, Director. Addr: Apartado Postal 21-1000, MEX-04021 Mexico D.F., Mexico. **Radio Terra Verde** 7315 Email: flordosares@hotmail.com. v/s Florentino Escova, Director.

Radio Nepal 5005 v/s R.S. Karki, QSL Manager. Addr: P.O. Box 634, Kathmandu, Nepal.

Radio New Zealand International 15530 Addr: P.O. Box 123, Wellington, New Zealand. v/s Adrian Sainsbury, Chief Engineer...via PLAY DX...Sam.



RADIO RSA



"Endangered Species" cd. in 6 wks. (Barto-CT). 7160 via Nanning f/d cd. in 6 wks. w/ personal note, paper cuts and schedule. v/s Ying Lian, English Service. (Barto-CT) 7190 via Kashi f/d "Golden Monkey Endangered Species" cd. in 7 wks. (Barto-CT). 11640 via Kunming f/d cd. in 7 wks. (Barto-CT). 9785 and 7360 f/d "Stump Tailed Macaque Endangered Species" cd. in 7 wks. (Barto-CT). 12110 f/d "Ibex Endangered Species" cd. in 2 mos. (Barto-CT). 9855 f/d "The Tian An Men Rostrum" cd. in 6 wks (Barto-CT).

CLANDESTINE: Radio Shiokaze (Sea Breeze) 9855 * verified my email rpt. w/ a p/d JP/EG QSL postcard in 15 ds. that included the date

via Scott Barbour



R. Fessenden
23-12-1900



G. Marconi
12-12-1901

and time handwritten on the cd. w/ the wrong frequencies printed on the cd. (D'Angelo-PA).

CONGO, PEOPLE'S REPUBLIC

OP: Radio Congo 5985
p/d "Logo" cd. w/ ltr. in 17 mos. after a f/up rpt. and 1 IRC. v/s Jean Medard Bokata. (Lare-MI).

EGYPT: Radio Cairo 7270

f/d "Minaret Tomb" cd. w/ sticker, schedule & a personal ltr. from "Sally" encouraging me to visit the many monuments in Egypt in 71

MEMBERS NOTES: Joe Wood of 5620 Evergreen Farms Lane, Greenback, TN 37742 needs some assistance reporting to University Network in Costa Rica. Do any of our members have the address for the transmitter site? Joe believes it is the old AWR site. According to the WRTH and Passport, the station does not verify via the Los Angeles address. Please help. Sam.

Stephen Wood of South Yarmouth, MA was pleased with his QSL from Radio Cairo. His QSL arrived in a thick plastic bag which showed signs that that it had been opened. Stephen's wife is convinced that they are on a homeland security watch list and that they will be thoroughly strip searched if they ever got on a plane!...Don't worry, its fun especially when they put on the plastic gloves!

RADIO AFRICA NETWORK

PO BOX 851
MALABO
EQUATORIAL GUINEA

THANK YOU FOR YOUR RECEPTION REPORT OF:
Frequency/Meter Band: 15190 kHz/19 Meter Band
Date: May 21, 2005 Time: 1915 UTC
Radio Africa: 7190kHz & 15190kHz / Daily 1700-2300 UTC
Radio East Africa: 15190kHz / Sat & Sun 0700-1600 UTC
Radio Africa #2: 15190kHz / Mon - Fri 0700-1200 UTC

For Information and Program Schedules Write to:

PAN AMERICAN BROADCASTING MR RICHARD A. D'ANGELO
2021 The Alameda Suite 240 2216 BURKEY DRIVE
San Jose CA 95126-1145 WYOMISSING PA 19610
USA

ds. for 2 IRCs. (Wood-MA)

ENGLAND: United Nations Rad-

io 17560 via Rampisham p/d "UN Radio" cd. in 4 mos. w/ schedule. (Barto)

FINLAND: Radio Finland 11995 verified an electronic rpt. w/ an electronic * reply in 1 day to Digita Oy from v/s Paula Heikkinen of Digita Communications who indicated my rpt. would be forwarded to the "Pori" station which is responsible for the AM broadcasts. (D'Angelo-PA).

FRANCE: Voice of Africa 7320 via Issoudun p/d cd. in 2 mos. w/ station schedule and sticker. (Barto-CT).

GERMANY: Voice of the Democratic Path of Ethiopian Unity 9620

via Julich ltr. in 2 mos. w/ schedule. (Barto-CT)

GOA: All Ind-

ia Radio 9820 via Panaji f/d "Rangmahal Rock War Scene" cd.

Hello,
The signal of RTBF is sent from Warrac!
The Belgium is so old but still works...
we are planning to renew it. As for the african

Bruxelles, 04/07/02

frequencies the signal goes all from DT, Julich, Germany

Dear Mr Scott,

Merci d'être à l'écoute de RTBF international. Votre rapport de réception nous est utile pour mieux définir notre couverture et améliorer notre signal. Meilleures salutations de toute l'équipe de RTBF.

Thank you for listening to RTBF international. Your detailed reception report helps us define our signal and improve our short wave transmissions. Best wishes from RTBF's production team.

P. Legrain



En confirmation de votre rapport :
This is to confirm your reception report :

Date	Heure / Time	KHz
24/6/02	3H58 - 4H28	9710

Thanks for your letter!

QSL

Certificado de Sintonía

Emisora Radio Municipal Panoa, Huanuco, Peru

A Sr. Richard A. D'Angelo

Muchas gracias por su informe de recepción. Tenemos el gusto de confirmar su control de nuestra emisión en 3,172.7 kHz. de fecha 16 de Noviembre de 2000 a las 09.48 a 10.16 horas de UTC con vatios de potencia.

[Handwritten Signature]
firma y sello oficial

in 6 wks. v/s Y.K. Sharma (Barto-CT).

INDIA: All India Radio 15050 via Delhi f/d "Rangmahal Rock Shelter" cd. in 6 wks. (Barto-CT). 11935 via Mumbai f/d "Pillars in Vitthala Temple, Hampi" cd. in 2 mos. (Barto-CT). 9950 via Aligarh f/d cd. in 7 wks. (Barto-CT). 9445 via Bangalore f/d cd. in 2 mos. (Barto-CT). 15075 via Khampur f/d cd. in 2½ mos. (Barto-CT). 7410 cd. in 7 wks. (Barto-CT). 7275 via Chennai f/d cd. in 6 wks. (Barto-CT).

MALI: China Radio International 13630 via Bamako f/d "Slow

MEMBERS NOTES: Brian Limbach of 520 Washington Rd., Unit

900, Pittsburgh, PA 15228 needs some assistance in verifying Radio Ukraine International. I would try Kreschatyk 26, 01001 Kyiv. Anyone else have any suggestions? You can contact Brian at his address or at vze2664w@verizon.net.

Confirmado QSO de: Christopher Walter

RADIO HABANA CUBA

Fecha 2-5-2003 Hora UTC 03:10
(Date) (Time)

Frec. /kHz 6000 SINPO 55344

THX QSO, 73's

Loris Endangered Species" cd. w/ schedule in 6 wks. (Barto-CT). f/d "Stump Tailed Macaque Endangered Species" cd. in 7 wks. (Barto-CT).

MOROCCO: Voice of America 11925 f/d cd. in 6 wks. (Barto-CT).

PORTUGAL: Deutsche Welle 11865 via Sines f/d "Sines" cd. in 7 wks. (Barto-CT).

RWANDA: Deutsche Welle 11860 via Kigali f/d "World Cup Football 2006 in Germany" cd. in 122 ds. w/ schedule, stickers and magazine. (Humenyk).

SLOVAKIA: Radio Slovakia International p/d "Thank you for your report" cd. w/ sticker in 50 ds. for \$1.00. (Wood-MA).

SOUTH AFRICA: Voice of Biafra International 7380 via Meyerton p/d cd. in 1 mo. (Barto-CT). Channel Africa 3345 and 7390 p/d cd. w/ schedule in 2 mos. (Barto-CT).

TAIWAN: Radio Taiwan International 11635 and 15465 via Pao-chung p/d "Looking at the Lanterns" cd. in 7 wks. (Barto-CT) 15465 and 11605 same cd. in 2 mos. w/ schedule and sticker. (Barto-CT). 7445 p/d cd. in 3 mos (Barto-CT). 15265 via Tainan p/d cd. in 2 mos (Barto-CT). 11635 via Pao-chung p/d cd. in 6 wks. (Barto-CT)

Prasar Bharati
All India Radio



"HPT:AIR"
<airtgoa@sancharnet.in>
Sent by: airtgoa@sancharnet.in

To: rdangelo3@aol.com
cc: rdangelo@gpu.com
Subject: Reception - Panaji

02/25/2005 12:34 AM
Please respond to "HPT:AIR"

Dear Sir,

We thank you for the reception report sent by you on the 20th of February. Your letter is being forwarded to our Headquarters in New Delhi, namely, Office of the Director General, All India Radio, New Delhi, for sending a QSL verification to you. Your efforts are greatly appreciated by us and will be encouraging us to put in our best efforts.

Our station consists of Shortwave transmitters radiating programme which are produced in All India Radio studios located in New Delhi. The transmissions are beamed towards South East Asian and Gulf countries in addition to Tibet and Nepal.

We believe that you have the frequency schedule and we request you to continue to send reception report through e-mail.

With best wishes,

TURKEY: Voice of Turkey
5975 via Emirler f/d
"Photo of Ataturk &
Logo" cd. w/ sticker
and schedule in 102
ds. for an email rpt
(Wood-MA).

UKRAINE: Radio Ukraine
International 7440
"Kiev Metro Bridge"
cd. w/ schedule in
41 ds. (Humenyk-ONT)

USA: WQEX633 1630
Office of Emergency
Management - Fire,
Rescue, EMS Man-
chester, CT f/d ltr.
in 2 wks. (Barto-CT)
Voice of America
9535 and 13790 via
Greenville f/d "50

Years of Broadcasting" cd. w/ sticker and program guide in 6 wks.
(Barto-CT). **Talking House Radio** 1610.9 also heard on every harmonic
up to 11276.3 kilohertz. The transmitter was only 2 houses away from
the cabin. (Barto-CT). **Radio Taiwan International** 5950 via **WYFR** p/d
cd. in 2 mos. (Barto-CT). **WHRI** 9840 via **Cyprus Creek, SC** verified the
United Radio Broadcasters of New Orleans transmissions w/ a f/d cd.
in 331 ds. v/s L.W. Vehora, WHRI Engineering. (D'Angelo-PA).

USA (Pirates): MAC Shortwave 6950 f/d "Logo" cd. in 86 ds. indicating a
power of 100 watts. (D'Angelo-PA).



DIRECTORATE GENERAL
ALL INDIA RADIO
A.V. Bhavan, Sansad Marg
New Delhi - 110001, INDIA

No. 3/112006. Ell/1/144 Dated 16/1/06

Dear Sir/Madam,

We gratefully acknowledge and confirm
your Reception Report.

Date 18/12/01 Frequency 4990 MHz

Time 1157-1232 Station Tirunelveli

UTZ

Yours faithfully,

Director (Spectrum Management & Synergy)
E-mail: spectrum.manager@air.org.in

धन्यवाद कि प्रति का प्रकरण रिपोर्ट
Lena on electronic form only. For more information, please visit the website
www.air.org.in



RICHARD A. D'ANGELO
2216 BURKEY DRIVE
WYOMISSING
PA 19610
USA

STATION NOTES: Marilyn International 6218.7 Addr: Carlo Bellabarba, Via
della Dozza 14, IT-40128 Bologna, Italy. **Mario Radio** 6260 v/s Ludwig
Caarels, DJ. Addr: Postbus 73, NL-7160 AB Neede, Netherlands. **Mystery**
Radio 6220 v/s Criss Ise, DJ. EG/GM repts to: Email: mysteryradio@googlemail.com. IT Service to: misteryradio@googlemail.com. **Orion Radio**
6220 Addr: Postbus 9,
NL-8096 ZG Oldebroek,
Netherlands. **Pirate**
Music 6878 Email: piratemusic@hotmail.com. **Q 103**
Germany Addr: Postbus
2702, NL-6049 ZG Herten,
Netherlands. **Radio Sat-**
urnus 6265 Email: saturnus@hotmail.com...
via PLAY DX...Sam.

rtsh Radio Televizioni Shqiptar

via D'Angelo



Albanian
Radio
Television

Driza Cico - Albanian RTV Monitoring edico@icc.al.eu
04/14/2006 09:40 AM

To: RichardA.DAngelo@FirstEnergyCorp.com
Cc: arbenmeh@yahooc.com, albro@albanianonline.net, glajp@yahooc.com, goodgonca@yahooc.com,
kuzimbemari@yahooc.com, Siegbert.Gerhard@brn.bund.de, NRGreen@blueyonder.co.uk,
BuschelW@web.de, 10sim@telia.com, Radolf.Krumm@web.de, Kevin.Moore@mon.bcc.co.uk, #H@S@B

Subject: Re: Reception Report: Radio Tirana

Dear Mr. Richard A. D'Angelo,

Thank You for your very nice reception report, which I forwarded to Radio Tirana Management and etc.

I would very much hope that you will hear soon from our Radio Tirana English Program and receive the QSL.

I hope everyone had a
great summer season.

Till the next issue...

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
Jerry BERG, Lexington, MA
Bill BERGADANO, Freehold, NJ
Mike BRANCO, Islip, NY
George CARAS, Saco, ME
Rich D'ANGELO, Wyomissing, PA
Mickey DELMAGE, Sherwood Park, AB
Gerry DEXTER, Lake Geneva, WI
Jim EVANS, Germantown, TN
Bob FRASER, Belfast, ME
John HERKIMER, Caledonia, NY
George HERR, Playa del Rey, CA
Ron HOWARD, Monterey, CA
Brant HUNT, Aiken, SC
William McGUIRE, Cheverly, MD
Bill MORRISSEY, Charlton, MA
Dale PARK, Honolulu, HI
Sheryl PASZKIEWICZ, Manitowoc, WI
Martin PECK, New York, NY
Jim RONDA, Tulsa, OK
Clem SHEMANSKI, Wilmington, NC
Dan SREBNICK, Aberdeen, NJ
Mark TAYLOR, Madison, WI
Earl URBELIS, Kings Park, NY
Alex VRANES, Jr., Harpers Ferry, WV
Joe WOOD, Gray, TN


R-75, MLB-1, 200' Beverage
R8 19, 41, 90 meter dipoles
Icom 718, 170' tuned inverted L
Grundig Satellit 800
RX340, R8B, Orion, R30, SE3, 550lw, verticals
TenTec R340, Lowe HF-150, DX Sloper
Collins HF-2050 Ant: KLM Log Periodic
NRD-515, NRD-545, etón E1
RX340, 30 m wire, R8B AN-LP1
Sony ICF-2003 ICF-SW100S 2m LW
NRD535 (Kiwa), etón E1-XM, 100' longwire
G303e, R8B, 45' lw, Am Rad active antenna
NRD545, LW 160', etón E5
Drake R-8 with par antenna
DX-380
R75, 100' LW
Sangean ATS-818CS
ICOM R-8500, NRD345, AOR LA-350 loop
Satellit 800, whip antenna
NRD-545, R75, etón E1, Eavesdropper
Sat 700
Drake R8B, 130' long wire
R-75, Sat 800, EWE, Eavesdropper
etón E1
Yaesu FRG-100B, LW 150' & Ameco TPA
DX-390, Grundig Mini 100 PE, whip antenna 

Company Store

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

Hello Everyone. Nothing major to announce this month. But if one were to know such things; there will be a **big** announcement next month.

Just a reminder that "The Store" is offering the 2007 edition of the *Passport to World Band Radio* for \$18.90 with shipping an extra \$4.00 for U.S. addresses and the rest of the world for \$7.50 via Global Priority envelopes. Also, remember that we have mugs and sweatshirts available to make DXing more comfortable as well as a variety of books to help you get your shack and antennas ready for the approaching DX season.

Finally, as I mentioned, we'll have a major announcement next month. We'll be offering a couple of exciting new items that should be of interest to many of you. That about covers things for now. Good DX. Mike 

Tropical Band Loggings

2000-5900 kHz


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

- 2310 AUSTRALIA VL8A Alice Springs 1006-1015, in EE. local sporting event coverage, "ABC Local Radio" and "ABC Nx Radio" IDs. Poor, deteriorating by 1015. // 6080-fair; 8/25. (Barbour-NH)
- 2325 AUSTRALIA VL8T Tennant Creek 8/26/06, 0940-1000+ local sports coverage, "Tigers v. Bombers" thru ToH. Didn't think to check if // 6080. Fair in LSB 8/26. (Barbour-NH)
- 3220 ECUADOR HCJB Pifo 0908 two M in SS conversation; poor 9/7. (Hunt-SC)
- 3220 S.AFRICA R. Sondergrense 0248 in Afrikaans; weak with talk. Heavy QRN 9/14. (Dexter-WI)
- 3240 SWAZILAND TWR 0341-0345* M in language w/rel talk, choral music bit. M in EE w/ID and IS at s/off. Poor/fair 9/12. (Barbour-NH)
- 3279.695 ECUADOR La Voz del Plano M SS talk 0452; mix of Ec. ballads & pop songs. Mention of Quito 0500. Fair-poor 8/24. (Peck/Bianco-NY)
- 3280 CHINA VO Fujiang Shanghai 1244 W in CC w/frequent short musical segues; poor. (Herr-CA)
- 3291.16 GUYANA VO Guyana 2310-2335 M in EE w/music countdown pgm. Music sounded like Hindi "pop". Fair 9/20. (Barbour-NH) 3291.2, 0320-0352+ M w/EE talk live audience about local events, issues mentioning ministers of government and an upcoming national holiday. Ancr introduced a group of children who sang the National Anthem a cappella. After a brief string of ads, a man gave a station ID ("This is the Voice of Guyana"), then somber instl mx & M reading the obituaries. Appropriately followed by some lively jazz music (interesting programming change of pace). Fair 9/22. (D'Angelo-PA)
- 3310 BOLIVIA R. Mosoj Chaski 0236 talk by M possibly in Quechua; mention of Colcha, a river in Bolivia. Very poor 8/25 under atmospheric QRN. (Peck/Bianco-NY)
- 3315 PNG R. Manus 1030 Saturday night music prgm w/man DJ between songs. Took an on-air caller at one point talking about, I think, a local event. Carriers noted on a few of the familiar PNG freqs but this was the only one with a usable signal. Fair 9/9. (Herkimer, NY)
- 3320 S.AFRICA R. Sondergrense 0420-0435 in Afrikaans; ballad style pop music, the good stuff they sang when I was young ("It Ain't Me Babe", "The Times They Are a Changing", etc.), with talk by men. Good signal with some fading. Fair 9/9. (Jim Evans, TN) 0432 in Afrikaans; ad by W; M w/news. Fair 9/4. (Hunt-SC) 0247 pop mx; W singing w/ electric guitar; 0250 tlk by W in Afrikaans; then more pop mx: two women singing w/ electric guitars & drums. Fair 8/25. (Peck/Bianco-NY)
- 3325 INDONESIA RRI Palangkaraya 1023-1040 nice "island" ballads, Indo anc 1032, then W w/ "canned" message. f/out by 1050 re-check. Fair/poor 9/9. Also noted 3385 RENB-PNG pounding in and bits of audio from 3976-RRI Pontianak during this time frame. (Barbour-NH)
- 3350 COSTA RICA REE 0240 nicely done music program consisting of everything from opera to Madonna clones; M SS anc with lots of comments between selections. Fair 8/26. (Wood, TN)
- 3905 INDONESIA RRI Merauke (P) 1040-1050+ M&W Indo banter b/w Indo pop ballads. F/out by 1050; fair/poor 9/9. (Barbour-NH)
- 3925 JAPAN R. Nikkei 0956-1006 continuous opera music w/brief JJ announcer at 1003. Poor 8/25. // 9595-weak but clear. (Barbour-NH)
- 3944.77 VANUATU R. Vanuatu 1008-1032 EE news at t/in w/mnts. "Prime Minister" & "Labor Party". Drums/wind instruments at 1015; M in lang. w/ID & presumed news and weather. Pop ballads and talk. Prg. intro; 2 M at 1029. Fair 8/21. Of course, not a peep here since! (Barbour-NH)
- 3976 INDONESIA (P) RRI Pontianak 1025-1029+ M&W Indo talk, music at 1029 then wiped out by ham operator s/on in LSB. Too bad! Poor/fair 9/11. (Barbour-NH)
- 4005 VATICAN Vatican Radio 0306 talk by M in Italian; New Age piano mx w/small orch. IS 0310, religious chant. Fair-poor 8/25. (Peck/Bianco-NY)
- 4052.46 GUATEMALA R. Verdad Chiquimula 0445-0500* tune-in to EE rel pgming with gospel mx. Closing ams 0453 in EE & SS with ID. S/off with long NA. Poor in noisy conditions 9/4. (Alexander-PA) 4052.5, 0040 Christian Hymns in SS sung by men's choir with male preacher. Poor 9/5. (Hunt-SC) 4052.5, 0347-0410 inspirational instl mx & SS talk by a man. Nice ID and address annnt 0402; fair 9/18. (D'Angelo-PA) Presumed, pop mx w/flute & man singing 0120, apparently in SS. Very poor under atmospheric QRN 8/26. (Peck/Bianco-NY) 4053, 0054 M in EE several times. Condiitons poor but is audible at S5 level Preacher with long talks at 0112 heard. Weak 8/14. (Montgomery, PA) 4055, 0240 folk songs, M 0258 in SS w/local ann. (Oliva, NY)

- 4319 **DIEGO GARCIA AFRTS** 0115 M w/EE talk about their transmitter; political talk 0119. Taking call ins at 0121. First was a woman to talk about reincarnation. Audio difficult at times. ID 0129 and then to news items. Talks about middle crisis. 8/14. (Montgomery, PA)
- 4716.2v **BOLIVIA R. Yura** 0041-0055 SS talks b/w musical bits battling w/ huge static crashes and some sort of ute/QRM noise on 4717+. Poor 8/22. (Barbour-NH)
- 4765 **BRAZIL R. Rural** 0224-0301* M PP anc w/talks hosting pgm of ballads & romantic vocals. ID 0230 & series of anmts, more music. ID at closedown and instl mx till carrier off; poor to fair 9/1 with CODAR QRM. (D'Angelo-PA)
- 4770 **NIGERIA R. Nigeria** 0504-0537 M w/EE nx, ID 0511 „You are listening to a bulletin of news from Radio Nigeria.‰ More news followed by a talk about community events at 0515. Tribal vocals and drums from 0523. ID and talk by a man about a patriotic „united‰ theme. Fair 9/4. (D'Angelo-PA) 0527-0533 EE program bumper by M, anmt by W and into nx by M, religion prg. First time heard in 2 years (can we say lousy conditions for 2 years??), very good signal too bad audio was not as good! 9/3. (Bergadano-NJ)
- 4775 **PERU R. Tarma** (P) 0132 Peruvian ballad w/ guitar, man singing; Very poor 8/26 under atmospheric QRN. (Peck/Bianco-NY)
- 4775 **SWAZILAND TWR** 0355-0410 IS & GG ID by man; dead carrier until 0359 when IS/ID sequence resumed. 0400 Opening anmts by W; 0401 rel mx with talk by W. Good signal with usual annoying pulse utility interference. 9/9. (Jim Evans, TN) *0359-0416 IS & opening program ID & anmts in GG; talks by a man mixed with choir vocals. Fair 9/16. (D'Angelo-PA)
- 4777 **GABON R. Gabon** *0459-0520+ S/on with NA, opening FF ID anmts at 0501. FF nx. IDs. Hi-life mx. Fair 8/19. (Alexander-PA) 0556-0610 FF talk b/w hi-life musical bits, M at 0600 w/ news. Quickly f/out by 0610. Poor 8/22. (Barbour-NH)
- 4779.97 **GUATEMALA R. Cultural Coatan;** 0107 M SS anmts w/mx between these ads. Poor 8/24. (Hunt-SC) 4780, 0136 GTM folk marimba ensemble music w/man singing; GTM pop ballad w/ guitars & man singing. Poor under atmospheric QRN 8/26. (Peck/Bianco-NY) 4780.1, 1034-1046 M w/mx & SS talk. ID as "Radio Coatan, Cultural" in passing. Fair w/ static 9/23. (Barbour-NH)
- 4780 **DJIBOUTI RTD** Djibouti *0300-0320+ s/on with local Horn of Africa mx. Vernacular talk 0301; Koran 0303; more vernacular talk 0308; Horn of Africa mx 0309; fair but with some weak ute QRM 8/19. (Alexander-PA) *0258-0320 open carrier to instl mx opening at 0300; 0301 M FF ID & opening anmts. More instl mx; then another M introducing a Koran recitation; poor to fair 9/21. (D'Angelo-PA)
- 4781 **ECUADOR R. Oriental** Tena 0122 M SS DJ, a young male soloist with accordion & guitar also seems to be talking to audience; poor 21111. (Hunt-SC)
- 4790.19 **PERU R. Vision** Ortiz, Chiclayo 0355-0410+ SS rel talk; IDs at 0358, 0404; talk over OA style mx; preacher at 0404 & prayers. Fair level 8/20 but slightly wobbly, unstable carrier. (Alexander-PA) 4790, 0300+. Heavy QRN plus CODAR QRM, but this time healthy enough to allow an erase of the previous (t) designator; 9/4. (Dexter-WI)
- 4799.8 **GUATEMALA R. Buenos Nuevas** 0117 W in SS speaking to a small boy who seems to be enjoying himself with the special attention; poor 08/24. (Hunt-SC) 0225 SS talk, phone calls, vocals. 8/24 (Paszkiwicz-WI) 0347-0412 SS rel vocals and talks by M anc; another M w/ID & talk at 0401; poor to fair 8/23. (D'Angelo-PA) 4799.9, 0358-0406* M SS talk over mx; promo & nice ID anmt 0404. Music until cut-off at 0406. Fair 9/12. (Barbour-NH) 4800, 0253-0300 LA mx w/some „sweeper‰ QRN. M SS anc; ID at TOH. Poor 8/26. (Wood, TN)
- 4810 **MEXICO R. Transcontinental** 1056-1120 M SS talk about Biblical truth, bridge music, ID and addr.; instl hymn, M anc w/mellow music; fair 9/9. (Taylor-WI) 0435-0504 M&W anc, phone calls to studio, EZL mx; terrible het on the freq, plus their signal had a noticeable hum like a bad phone line. Good ID 0450, "Muy Buenos Tardes - Como Esta - Como Esta - Como Esta ... XERTA Radio Transcontinental ... Mexico!" Himno Nacional with lyrics at 0500, followed by another good ID, "Esta es XERTA, Radio Transcontinental" and into Noticias with M/F announcers. 09/15. (Ponder-TX)
- 4815 **ECUADOR R. El Buen Pastor** 0247 in SS. This previous unid I've now decided is the Ecuador stn. Heard again with possible Londrina very weak in the background. Same slow, quiet content as before with a woman going into laid back talk about 0254, brief choral and sudden off at 0258. 9/6 (Dexter-WI) 0243-0256* M in Quechua talks, nice local vocal by a W at 0246. More talks and music with brief s/off ID & anmts 0254 just before carrier was terminated; poor 9/19. (D'Angelo-PA)
- 4825 **BRAZIL R. Canção Nova** (p) 0309 long PP talk by M; weak 9/11. (Dexter-WI)
- 4835 **PERU R. Marañon** Jaen (T) 0301 guitar and vocal; off 0307 in mid-song. 8/30. (Dexter-WI) 4835.5 (P), 0306 SS vocal, deep throated anc, then male vocal; too little to domuch with. (Dexter-WI) 4835.47, 1005-1025+ OA vocals, SS talk, anmts, ID. Weak but readable 9/1. (Alexander-PA)

- 4845 **GUATEMALA R. K'ekchi** 0147 talk by very deep-voiced man in vernacular w/SS loanwords. Co-channel SITOR-A e-mail QRM. Fair 8/25. (Peck/Bianco-NY)
- 4845 **MAURITANIA R. Mauritaine** Noukhatt 2347 with 2-3 Males talking & singing in AA; some feedback problems; fair 9/5. (Hunt-SC)
- 4845.25 **BRAZIL R. Cult. Ondas Tropicais** 1015 mx & PP talk, multiple ancrs; M&W w/mx; poor 8/24. (Herr-CA)
- 4845.5 **BRAZIL R. Cultura Manaus** (P) 0135-0203*. I think my tentative R.Norteno-Bolivia, as earlier reported, is in fact R.Cultura Manaus, Brazil. Nice signal w/ same format of ballads until 0155 then ancr w/ s/off anmts tho this time "Radio ???-Brasil" noted followed by musical bit and NA at s/off. Couldn't fully make out what came after radio; if it was indeed "Cultura Manaus" it was pronounced as one word. Fair/good 9/12. (Barbour-NH) They ID as R. Cultura Ondas Tropicais most of the time, so that's probably what Scott hrd. Have been trying to get a good log of this around the same time for a reception report, but annoying ute makes things very difficult! (Alex Vranes, Jr.-WV)
- 4880 **ENGLAND SW Radio Africa** 1815 in EE. Strong signal but in a fierce het report on forced evictions in Zimbabwe. 9/13. (Ronda-UK)
- 4885 **BRAZIL R. Clube do Para** 0645-0705 M PP ancr w/ Samba music. Canned ID sequence 0659. Fair 9/12. (Taylor-WI) (P) 0404 PP talk by 2 M w/ laughing; occasional ute QRM, constant atmospheric QRN. Fair 8/25. (Peck/Bianco-NY)
- 4900.6v **BOLIVIA R. San Miguel** 0155-0217* M w/ SS talk to 0200 when a series of rustic vocals were played. At 0213 the M ancr returned with ID followed by an instl mx interlude and M&W ID & closing anmts. Poor-fair 9/23. (D'Angelo-PA)
- 4909.23 **ECUADOR R. Chaskis** Otavalo (P) 1030-1045+ Andean flute mx; HC vocals; poor, weak in noise 9/1. (Alexander-PA)
- 4915 **BRAZIL R. Nacional Macapa** 0440 M PP ancr over lite guitar mx in the background. 9/4. (Hunt-SC) (P) 0414 M PP talk, pop songs in PP w/ man & woman singing, string orch. & guitars; fair 8/24. (Peck/Bianco-NY)
- 4920 **INDIA AIR** 0030 W w/long talks in what sounded like Hindi at tune in; then to M ancr. Unable to pick much from the conversation. 0034 switched to EE w/ clear ID by W. 8/14. (Montgomery, PA)
- 4924.87 **BRAZIL R. Educaçao Rural Tefe** 0105-0201*: pop mx pgm, canned "R.Rural" IDs between most songs. 0139 into what seemed rel pgm w/ W ancr & occasional M who I believe was Priest reciting a prayer, and slow choral music w/ mixed chorus. 0200 canned ID w/ M for R.Educacao Rural, and ment. "1270 quiloHertz Onda Media" and "4925 quiloHertz" and "60-metros Onda Tropical," then off w/o N.A. Believe I've seen in recent months rpts. of R.Difusora in Taubate, SP on this freq., but Tefe stn. is the one measured on this freq. They put in at least a fair to sometimes pretty good signal almost each and every eve from as early as 2245 to 0200*. Also good signals every morning from *1000 to f/o by about 1045. I've been trying for ages to log the Taubate stn. here (would sure be nice to QSL a 500-w. Brazilian!), but since Tefe stn. relocated here several yrs. back, never have even hrd trace of another stn here. Wonder if our DX'er friends in Brazil who live in or near SP state could verify if Taubate stn. is still active on SW? Nice signal 9/7. (Alex Vranes, Jr.- WV)
- 4939.69 **VENEZUELA R. Amazonas** 0940 making an appearance this morning at decent level with lively music prgm, frequent SS IDs/TCs by DJ. When it's on, Amazonas is a reminder of the day when YV's were plentiful on 60m. 9/8. (Herkimer, NY)
- 4950 **ANGOLA R. Nacional** 0147 Angolan pop mx w/ guitars, male singers, very peppy; tlk by man in PP. Poor-fair 8/26. (Peck/Bianco-NY)
- 4985 **BRAZIL R. Brasil Tederal** 0424 PP talk by M; interspersed w/ pieces of pop songs, ID 0429; fair-poor 8/24. (Peck/Bianco-NY) 0005-0047 two fast talking men in PP w/coverage of futebol match; jingle ID & short ad string 0021; then returned to the match. Poor with some fair peaks but //11815 was fair; 9/20. (D'Angelo-PA)
- 4990.6 **SURINAME R. Apintie** (P) 2308-2334 in Dutch. Been getting audio here the past week or so. Best so far with lengthy talk by M thru BoH w/ presumed news. Poor tho gradually gaining in strength by 2330. 9/11. (Barbour-NH)
- 5005 **EC.GUINEA R. Nac** Bata 2220-2303* continuous hi-life mx; s/off with the usual 3 minute long NA. I heard no voice anmts at all during this time period. Fair-good 9/1. (Alexander-PA) 2247-2303* M w/SS talk, short instl mx segment and more talk. Vocals from 2251 followed by long orchestral NA. Carrier cut at 2303. Poor to fair 9/15. (D'Angelo-PA) 2248 in SS; M soloist playing guitar with M DJ. Poor 9/5. (Hunt-SC) 2250-2303* African pop music; 2259 closing anmts in SS by man; 2300 NA to 2303*; poor 9/8. (Jim Evans-TN) 2258-2300* just caught the tail of NA while doing a band scan. Fair 9/11. (Barbour-NH)

- 5010 **INDIA AIR** (T) 0043 M Hindi ancw w/interludes of male vocals; continuous chants at 0046. no ID heard. (Montgomery, PA) 8/14 1705 Malayam is presumed since it is the dominant language of Kerala state but Tamil is also a possibility. High-pitched singing accompanied by sitar and tabla; 1726 anct in Malayam and back to mx; 1730 AIR ID in EE and into EE nx read by woman; nx concluded 1735 and back to Malayalam. Fair 9/13. (Ronda-UK)
- 5015 **TURKMENISTAN *Turkmen Radio*** 1827 orchestral mx with an asian flavor; Radio Turkmen ID 1830; stronger signal at 2010 recheck. Fair 9/12. (Ronda-UK)
- 5019.8 **SOLOMON IS. *SIBC*** (P) 1054-1102+ ballads & ancr poking through the static. Organ-like music tones at 1100 followed by talk. Poor 9/12, noisy-not a lot to work with. Surprisingly, 5025-Cuba wasn't spilling over for once. (Barbour-NH)
- 5030 **BURKINA FASO R. *Burkina*** 2335 W FF DJ taking calls from listeners with music clips in between, s/off 0000 with presumed NA; fair/good 9/10. (Schieffelbein-MO)
- 5039.97 **ECUADOR *LV del Upano*** (P) 1011-1032 SS preacher w/ "Santa Maria's" repeated by congregation. Musical bit then format repeat's. Continuous through t/out. Whisper-quiet but clear 9/22. (Barbour-NH)
- 5040.4 **BURMA R. *Myanmar*** 1151 scraps of music and voice, mostly talking by W; very poor 8/27. (Herr-CA)
- 5050 **USA *WWRB*** Manchester, TN 0306-0315 EE, Rick Adams program with ultra conservative viewpoints and ads of dubious value. Good 8/26. (Wood, TN)
- 5240 **TIBET *Tibet Peoples BS*** (P) 2322. Strickly a presumed log. Sure sounds Tibetan but not certain. M ancr w/long talks; horrific noise; mx 2346. Definately sounds more like Tibet. Noted // 4905 with about the same signal level and same noise with signal. Little audio at ToH and did not hear IS. 8/27. (Montgomery, PA)
- 5460.01v **PERU *La Voz de Bolivar*** 0201 M w/SS talk; 0204 Andean flute mx; W 0207; very poor with synch detection constantly losing lock. 8/25. (Peck/Bianco-NY)
- 5699.9 **PERU *Frec. San Ignacio*** (P) 0212 possible Peruvian brass band mx; extremely weak as station runs only 0.1 kW as per Passport! Extremely poor 8/25. (Peck/Bianco-NY)
- 5755 **USA *KAIJ*** Frisco, Texas 0313 EE pgm of Gospel music including: "I'll Fly Away," "Will the Circle be Unbroken," and "Victory in Jesus." G-VG 8/26. (Wood, TN)
- 5770 **BURMA *Defense Forces Broadcasting Station*** (P) 1321-1409 variety of ballads and pop songs, BoH local music (IS type music?), language sounded same as heard on Myanma Radio. Poor-fair 9/17. (Howard-CA)

The deadline for reports via the Distribution Editor is the 10th. I can take reports to the TropLogs@zerobeat.org address somewhat later than that, depending on the month. If reports arrive too late for inclusion, they are held for the next month. Good listening!
df 

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 **COLOMBIA Marfil Estereo** Puerto Lleras in SP 0925, familiar format of LA mx, barnyard sounds, TC IDs, lengthy canned promos, QRM from Cuban jammer (Barbour NH, Herkimer NY, Dexter WI)
- 5915 **ZAMBIA ZNBC** in Vern 0245, Fish Eagle IS, choral NA, African mx, p, //6165 (Howard CA 9/2)
- 5990 **CUBA China R Int** relay in EG 2335, YL hosting mailbag, ID, websites, vg (Wood TN 9/15)
- 6020 **PERU R Victoria** Lima in SP 0805-0845+, relig pgm, frequent TCs, mention "Pastor internacional Pablo Quijano", then back to preaching, good reception, //9720 (Vranes WV 9/2)
- 6030 **CANADA CFVP** Calgary relay for CKMX-AM in EG 0453-0550, IDs, C&W mx, f (Howard CA 9/4)
- 60496v **MAYLAISIA RTM** relay of Suara Islam FM in Malaysian 1400, relig pgm starting w/choral anthem, Suara Islam IDs, Qur'an recital, on-air phone calls, nx 1430, mx, f-p (Howard CA 9/13)
- 6060 **CUBA R Nacional de Venezuela** relay in SP 1100, IDs, addr, ancmts, guitar mx (D'Angelo PA 9/2)
- 6060nf? **BRAZIL R Universo** Curitiba in PT 0710-0820, religious sermon and mx, IDs (Urbelis NY 9/4)
- 6095 **NEW ZEALAND RNZI** in EG 0800, local nx, tragic death of Steve Erwin the "Crocodile Man" on TV, "Pacific Dateline", QRM from Anguilla on 6090 (Vranes WV 9/4)
- 6105 **BRAZIL R Canção Nova** in PT 2243, relay of 'Voz do Brasil', p, //9630, 9665 (Barbour NH 9/5)
- 61348v **BOLIVIA R Santa Cruz** in SP 0017-0059, mostly continuous talk, many mx bridges, flute mx, s/off at 0103, f (Alexander PA 8/26) in SP 1019, Latin mx by OM soloist w/band, p (Hunt SC 8/13)
- 6145 **CANADA R Japan** relay in EG 0030, tlk re prospects of hosting 2016 Olympics in Tokyo, mx sels, feature on Hiroshima retrospect and obesity/metabolic syndrome (Branco NY 9/4)
- 6155 **CHINA CNR Beijing 2** in EG 1330, "Advanced Studio Classroom" a segment of "English Evening" on VOIC technology and making calls over the Internet (Howard CA 8/27)
- 6350usb **HAWAII AFRTS** relay Pearl Harbor in EG 1150, "Morning Edition", nx (Urbelis NY, D'Angelo PA)
- 7125 **GUINEA R Guinee** Conakry in FR 2150-2259, tlks, hi-life and tribal vocals w/drums, ID 2201 after musical sel, feature, p-f until Russia s/on at 2259 (D'Angelo PA 8/20)
- 7135 **MOROCCO RTV Marocaine** in AR 2302-2359*, YL w/nx, remote rpts, instrum'l mx, ID, more talks, long recitation from Qu'ran beginning at 2318 and terminated at s/off, good (D'Angelo PA 8/18)
- 7145 **NEW ZEALAND RNZI** in EG 1415, feature re a study of multiple sclerosis in NZ where it is highly prevalent, f-g (Herr CA 8/27) in EG *0659, IS, pips, ID, very weak (D'Angelo PA 9/1)
- 7145 **MOROCCO VOA** relay of Radio Aap ki Kunyaa in Urdu *0100, nx story seemed to concern Pope Benedict's "jihad" comments, VOA ID, good (Shemanski NC 9/16)
- 7210nf **ETHIOPIA R Fana** in Vernacular *0255-0335+, s/on w/IS, local Horn of Africa mx, tlks, weak under BBC and //6110, 7210 in the clear after BBC s/off 0329 (Alexander PA 8/26)
- 7225 **CHINA PBS Sichuan** Chengdu in CH/EG 1114-1132, "Life, Travel, and City Service" feature in CH, on air phone talks, variety of mx, CH pops/ballads, ID in CH/EG 1130 "This is the Voice of Golden Bridge", fair, //6060 (Howard CA 9/1)
- 7235 **SINGAPORE R Singapore** in Malaysian 1519, ID, pop Euro-style vocals, studio chatter b/w two YLs sounded like an ad string, fair (Ronda OK 9/12)
- 7235 **IRAN V of Justice** Teheran in EG 0204, anti-US talks, cmntry by Boston Univ professor in Internat'l Affairs stating that US military is tapped out (Taylor WI, Evans TN, Hunt SC)
- 7250 **ARMENIA V of Russia** relay via Yerevan in EG 0100, nx, Moscow Mailbag, talk re martial arts in Russia, Timelines w/Ethiopian ambassador, g-f (Schiefelbein MO 9/11)
- 7270 **EGYPT R Cairo** in EG 0215, fanfare, ID, talk re Hamas, world news (Evans TN, Peck/Bianco NY)
- 72701v **CHINA PBS Nei Mengdu** Hohhot in Mongolian? 1015, local mx, chants, 5+1 pips at TOH, fair signal, //s on 7210 weak, 9520 QRM, 9750 QRM also (Howard CA 9/10)
- 7295 **MALAYSIA Traxx FM** relay via RTM Kuala Lumpur in EG 1015, DJ banter, pop mx, TC, 2 pips at TOH and news delivered by Chris Syer from the "News Center" (Barbour NH, Herr CA, Howard CA)
- 7420 **MADAGASCAR R Sweden** relay in EG 2133, nx re lobbyists in Sweden and feature on a "popular singer of the day", poor at best (Barbour NH 8/15)
- 7440 **UKRAINE R Ukraine** Simferopol in EG *0000, IS, ID, "Ukraine Today", political nx, also nx about the Ukrainian navy, "Ukrainian Diary", ID (McGuire MD 9/5, Wood TN 8/31)
- 7450 **GREECE RS Makedonias** Avlis in GK 2146, GK ballads, ID 2200, news, f-g (Barbour NH 8/14)
- 9300 **BULGARIA R Varna** in BG 2205-0115+, variety of US/Euro lite pops, folk mx, techno-pop dance mx, short ID ancmts, some echo ID jingles, nx 0100, f-g on Sundays only (Alexander PA 9/3-4)
- 9415 **CZECH REPUBLIC R Prague** in EG 2234, ID, news, sports, wx forecast, g (McGuire MD 9/11)

- 9505 **BRAZIL R Record** São Paulo in PT 2340, ancmts, ads, jingles, local pops, //6150 (Alexander PA 8/19)
- 9525 **INDONESIA V of Indonesia** Jakarta in EG 0838, "Week in Review", news, fair (Howard CA 9/2)
- 9520 **CHINA PBS Nei Menggu** Hohhot in Mongolian 1311, interview, rpt by OM, IDs, QRM from Radio Veritas s/on at 1330, fair to poor (Taylor WI 9/16)
- 9590 **HUNGARY R Budapest** in EG *0100, IS, ID, "Hungary Today", news (McGuire MD 9/12, Hunt SC)
- 9615 **NEW ZEALAND RNZI** in EG 0655, news, intro to BBC "Wine and Bordeaux" feature which was quickly interrupted by OM w/station ID at 0658 and request to retune to 7145, f-g (D'Angelo PA 9/1)
- 9630 **FINLAND R Finland** in Swedish 1510, talks by YL/OM, church mx, ID (Caras ME 9/4)
- 9630 **RWANDA Deut Welle** relay Kigali in EG 0449, news about heroin crop in Vietnam and talk to mother whose son was caught and will receive the death penalty, f (Hunt SC)
- 9630 **PORTUGAL Deut Welle** relay Sines in EG 0519, talk re possibility of GM troops to go to Lebanon, soccer rpt Germany vs. Sweden, IDs, fair (D'Angelo PA 8/17)
- 9680 **INDONESIA RRI** Jakarta in IN 1017, KGRE program #5208, explanation of terms "idiot box" and "boom box", story "Beware of flying water and fighting cats", song by Tom Jones (Howard CA 8/20)
- 9695 **RWANDA Deut Welle** relay Kigali in EG 0005, ID, "Newslink", general discussion on UN missions for peace in Lebanon, Security Council meetings etc. (McGuire MD, Branco NY, Dexter WI)
- 9700 **BULGARIA R Bulgaria** in EG 2317, tlk re Internet fraud, nx on Balkan region, vg (Wood TN 9/15)
- 9705 **NIGER La Voix du Sahel** Niamey in FR 2152-2301*, West African pop/hi-life mx w/DJ, more tlk than mx after 2200, Koran recitation 2255, IS, distinctive NA w/fanfare followed by singing by children and YL at 2301 s/off, very poor to fair at close (Evans TN 8/18, D'Angelo PA 9/8, Ronda UK 9/12)
- 9830 **TURKEY V of Turkey** in EG *2200, IS, ID, fqy, sked, TK mx, g (McGuire MD 9/5, Urbelis NY 9/4)
- 9870 **AUSTRIA ROI** Moosbrunn in EG 0114, "Report from Austria" including article on acquisition of Bratislava airport in conjunction w/Radio Slovakia, IS, s/off 0129, good (Taylor WI 8/17)
- 9885 **BOTSWANA VOA** relay in EG 0310, "Daybreak Africa", features, nx, sports, mailbag, TC, into VOA World News Now pgm at 0330, fair (D'Angelo PA 9/1)
- 9890 **MADAGASCAR R Nederland** relay in EG 1428, ID, fqys, jazz program, fair (Ronda OK 8/26)
- 9920 **ALBANIA R Tirana** in FR (listed) 1910, Balkan mx, no ancmts but IS at 1930*, f (Bergadano NJ 9/2)
- 9925 **GERMANY V of Croatia** relay in EG 0202, nx re flooding in Vietnam and Ethiopia, cultural feature, pop Croatian song (Hunt SC 8/14, Morrissey MA 8/29) ID, "Croatia Today" 2215 (Fraser ME 8/13)
- 9965 **PALAU KHBN** Koror in CH *1000, "The Voice of Hope" ID in EG, ballads, piano mx, signal weak but in the clear (Schieffelbein MO 9/17, Barbour NH 8/27)
- 10330 **INDIA AIR** Bangalore in HD 0137-0245, tlks hosting a pgm of Indian film mx and traditional HD vcls ID at 0200, occasional ancmts throughout xmsn giving it a domestic feel, f-g (D'Angelo PA 8/27)
- 11550 **TAIWAN RTI** in IN 1127, pop ballads, fone-ins, answering machine messages, ID (Barbour NH 8/15)
- 11570 **PAKISTAN R Pakistan** in Urdu, nx re Taliban, cmntry re Pakistan to 0215* (Paszkievicz WI 9/14)
- 11620 **INDIA AIR** Bangalore in EG 2050, cmntry/press review on 9/11, GOS ID 2052, f (Ronda OK 9/11)
- 11625 **SPAIN REE** Noblejas in SP *2100, IS, pips, ID, national & regional news, poor (McGuire MD 9/11)
- 11675 **RUSSIA V of Russia** relay Armavir in EG 1710, "Shostakovich during WWII", g (Fraser ME 8/13)
- 11680^{1v} **NORTH KOREA KCBS** Pyongyang in KR 1542, usual format of ballads and anthems, pips, ID 1600, p-f reception but somewhat surprised to hear station on ECNA at this time of day (Barbour NH 8/15)
- 11690 **JORDAN R Jordan** in EG 1300, TC, ID, nx w/mostly regional items, rock mx, vg (Ronda OK 9/13) in EG 1530-1630*, AR pop mx, IDs, nx, wx rpt, Euro-pop dance mx, good (Alexander PA 9/4)
- 11735 **TANZANIA R Zanzibar** in SH 1905-2059, local mx in lang, nx, IDs (Urbelis NY 9/4)
- 11800 **ITALY RAI** Rome in EG 0055, news re Israeli troop needs for the offensive in Lebanon, soccer sports talk, IT male soloist, fair (Hunt SC) in IT 2347, instrumental jazz mx, ID, fair (Wood TN 8/30)
- 12065 **RUSSIA Bible Voice B/C** relay via Khabarovsk in EG/VT? 1155, E-mail address, ballad, Bible study offer to U.K. address in EG, fair (Barbour NH 8/15)
- 12085 **MONGOLIA V of Mongolia** Ulan Bator in EG/Mongolian 1000, IS, ID in EG, TC, fqys, nx in EG, into EZL vocals, concluded EG service 1030 and into Mongolian, p-f (Ronda OK 9/14)
- 12130 **GUAM KTWR/Trans World Radio** in CH/EG *2159, ID, EG lessons w/alternating OM in EG and YL in CH, long sermon in CH from 2215 on, fair with f/o by 2245 s/off (Schieffelbein MO 9/11)
- 13675 **ISRAEL Kol Israel** in EG 1730, pips, ID, report on Lebanon war and 9/11 anniversary in the US, fair (McGuire MD 9/11) in HB 1715, various nx items read by OM, //11590, vg (Fraser ME 8/11)
- 13730 **NEW ZEALAND RNZI** in EG 0215, OM interviewing musician Chris Isaak followed by song "Baby Did a Bad, Bad Thing" from the movie "Eyes Wide Shut", poor (Park HI 9/15)
- 15050 **INDIA AIR** Delhi in EG *0133, IS, ID, cmntry re India's 59th Independence Day anniversary, audible but poor with growl noise on the LSB side (Barbour NH 8/15)

- 15115nf? **UNITED KINGDOM RTE (Fire) Radio 1** relay via Rampisham? 1558-1639, coverage of All Ireland soccer championships, post-game coverage/analysis, PSAs, ads, brief nx 1620, extensive wx forecast, fair reception, //17745 with QRM from VOA from 1600, no sign of 21720 outlet (D'Angelo PA 9/17)
- 15140 **OMAN R Sultanate of Oman** in EG *1400, news, cmntry, pop mx, very low modulation and barely audible by 1420 (Alexander PA 8/26) in EG/AR 1435-1510, listeners call-ins, C&W mx, news at 1446 and into AR at 1459 w/chimes and ID and NA?, f (Wood TN 8/19) in EG 1400, TC, ID, news until 1411 and then into rap mx, fair (Ronda OK 9/13)
- 15190 **EQUATORIAL GUINEA R Africa** Bata in EG 1040-1155*, US produced EG religious programing, closing ID ancmts, address, e-mail site, poor to fair with some fading/distortion (Alexander PA 9/1)
- 15190 **PHILIPPINES R Pilipinas** in EG/Tagalog 1825, personal messages, bouncy mx b/w items presented by energetic YL, station address, phone, and FAX numbers, good (Ronda OK 9/13)
- 15295 **MALAYSIA RTM Suara Malaysia** in Malaysian 1715, YL DJ playing pop songs and ballads, nx about RTM and related items, good at start but f/o to poor by 1742 (Howard CA 9/13)
- 15340 **CHILE Voz Cristiana** Santiago in SP 2300, brief nx/current events, classical mx (Branco NY 9/4)
- 153453v **ARGENTINA R Nacional** in SP 2350-0110, coverage of futbol game, excellent pgm of traditional Spanish ballads, several IDs, 5+1 pips over mx at 0100, very enjoyable program, g (Howard CA 8/19)
- 15400 **FINLAND R Finland** Pori in FN 1258, soft instrum'l mx, IS, one pip, ID, nx, fair (D'Angelo PA 9/4)
- 15410 **INDIA AIR** Panaji in Thai 1135, cmntry on Afghanistan, modern Indian mx, ID, f (Ronda OK 9/12)
- 17605 **FRANCE RFI** Issoudun in EG *1600, TC, ID, news report on 9/11 tribute, f (McGuire MD 9/11)
- 17655 **HAWAII KWHR** Naalehu in EG 0400, relig pgm w/sermon, Christmas mx, ID (Urbelis NY 9/4)
- 17715 **AUSTRALIA R Australia** in EG 0002, news about "Crocodile Hunter" Steve Irwin's death, into "The Breakfast Club", //17795, poor (Park HI 9/5)
- 17725 **FRANCE V of Africa** (Libya) relay in EG *1406-1559*, ancmts, nx about Middle East, many IDs, sked, Hi-life mx, feature re UN pgms for the African Union, more nx 1437, cmntry re organization of the African Union, abrupt s/off, fair with slight hum, //17850 (Alexander PA 8/25)
- 17745 **ASCENSION ISLAND RTE Ireland** relay in EG 1345, All-Ireland football finals, "Weekend Sports", Radio 1 promos, fast-paced play-by-play anmts, blasted by Radio Farda s/on 1400 (Herkimer NY 9/17, Schiefelbein MO 9/17)

Clandestine/Opposition Loggings

- 6245nf **NETHERLANDS Radio Zamaneh** relay (Iran target) in Farsi 1935-2101*, Mideast mx, vocals and instrument'ls, talk by OM w/mx bridges, interviews at outdoor event, dramatic readings, several IDs sound like "Radio SAH-moh-neh", closing anmts by YL at 2056, brief vcl mx, then suddenly off before song ended, vg signal (Herkimer NY 9/16, Berg MA 9/11, Howard CA) ED: See comments below for details on this new station - provided by Ron Howard)
- 9485nf **TAIWAN Shiokaze** (Sea Breeze) relay in JP *1300-1330*, on suddenly w/solo piano, ID into program of mostly readings or testimonials w/piano in background throughout, contact info at s/off, good level (Herkimer NY 9/16) in EG 1303, contact info, OM w/talk re North Korean nukes and other nx rpts, followed by "Special Message", f-p w/some jamming noise, presumably by North Korea transmitters. (Barbour NH 9/12, Berg MA 9/15, Taylor WI 8/26) ED: It seems that Shiokaze is beamed daily by an organization searching for missing Japanese citizens who may have been abducted by North Korean officials. Broadcasts appear to be in English Mon and Thur, Japanese Tue-Fri-Sat and in Korean on Sun and Wed.)
- 13620 **GERMANY Minivan Radio** relay via Juelich in Dhivehi 1600-1659*, various interviews/speeches, mx bits, ID prior to s/off and OM over horn/drums and "jungle" sounds until s/off, fair (Urbelis NY 9/4, Barbour NH 8/15)
- 15650 **GERMANY V of Oromiya Independence** relay via Juelich in Oromo *1459-1530*, ID, flute mx, nx, Horn of Africa vocals and features, fair (D'Angelo PA 9/16)
- 17660 **UNITED KINGDOM Sudan Radio Service** relay via Wooferton in EG 1540, feature on economics, ID, reggae, hilife, and E African mx (Paszkiwicz WI 9/14) in Vern 1724, OM with tlk re Uganda, ID, and mx at BoH, fair (Hunt SC 9/5)

Note On Radio Zamaneh—Radio Zamaneh is a new Iranian broadcasting station based at the Royal Tropical Institute in Amsterdam, The Netherlands. This independent non-partisan station aims its messages "for the unheard voice of the young". Broadcasting in the Farsi language via Internet, satellite, and short-wave, Radio Zamaneh brings news and analysis, educational programs as well as music and entertainment. Shortwave broadcasting began on 9/11/06 with programs running from 1700-2100 UTC mainly targeting young Iranians. 

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The Journal of the
North American Shortwave Association

ISSN 0160-1989

Executive Director: Richard A. D'Angelo, 2216

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
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