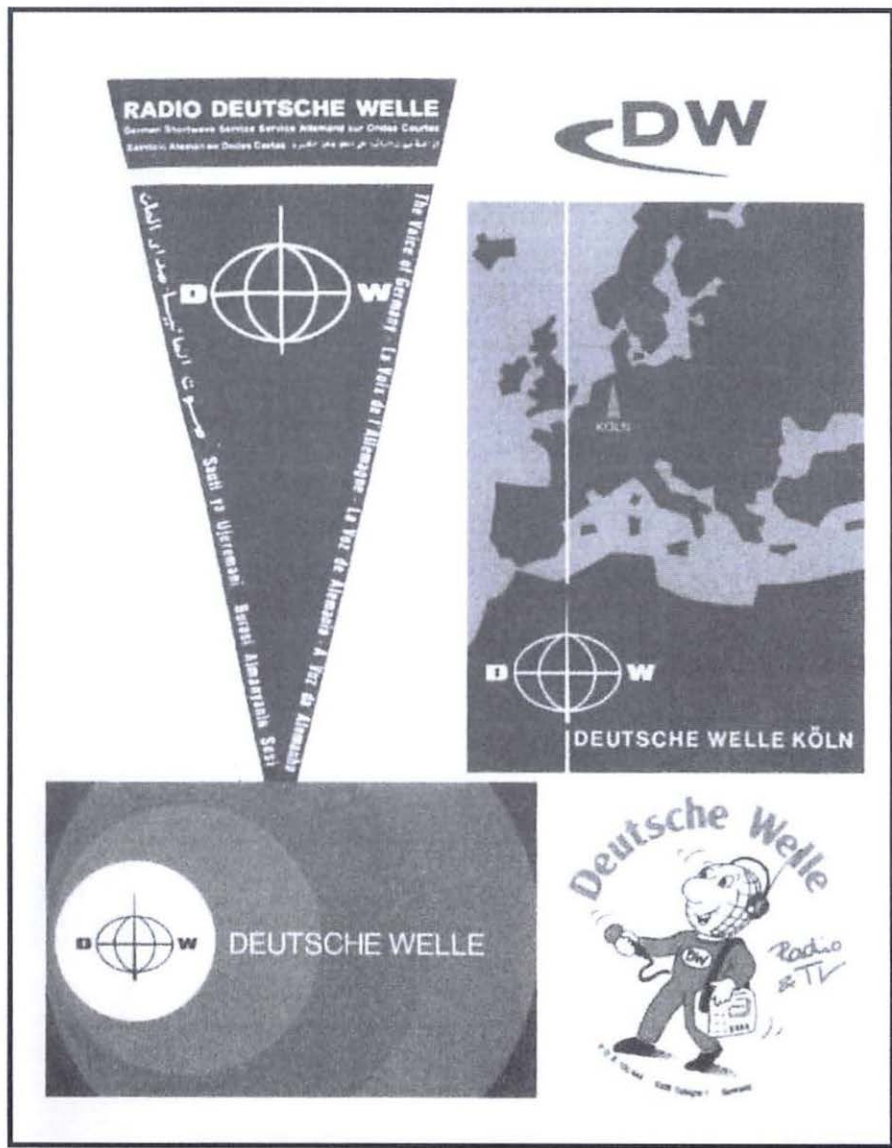


The **NASA** Journal

VOLUME XLXI NUMBER 10

OCTOBER 2011



Quality Radio Equipment Since 1942

GRUNDIG

SATELLIT 750

FREE Grundig G6 Receiver

Purchase your Satellit 750 from Universal Radio for a limited time and receive a **FREE** G6 with your order. A \$69.95 value! (G6 also sold separately).



The Grundig Satellit 750 will give complete coverage of all long wave, AM, shortwave frequencies (with S.S.B. mode) and FM (stereo to the earphone jack), plus the VHF aeronautical band (118-137 MHz). Tune your favorite stations by the conventional tuning knob (two speed), keypad entry or via 1000 memories. Enjoy the fidelity you have come to expect from Grundig enhanced by separate bass and treble controls. The radio has both an earphone jack and a Line Output jack. The built-in 24 hour clock has a dual alarm and sleep feature. This radio can simultaneously display the frequency and the time on the large backlit LCD. It will also indicate antenna selection, battery status, wide/narrow selectivity, memory and attenuator status. Long distance AM band reception is possible with the built-in 360 degree rotatable ferrite antenna. External antennas may also be attached (BNC), 14.65 x 7.25 x 5.75 inches 5.25 lbs. Includes AC adapter or may operate from four D cells (not supplied). List \$400.00 Order #0750 \$299.99

GRUNDIG G6



With the Grundig G6 Buzz Aldrin Edition at your side, you'll always have great listening options. Tune in to longwave, AM, FM, the VHF aircraft band or continuous coverage shortwave. Use the auto-tuning feature to browse stations and stop on the next available frequency. You can also use "D5" tuning to get a taste of what's playing—stop on the next available frequency for five seconds at a time. This advanced dual conversion circuit also features the reception of S.S.B. (Single Side Band) signals. This radio has keypad entry, manual tuning knob and 700 alphanumeric memories, arranged in 100 pages. The backlit display features a signal strength indicator and there is a stereo/mono and a mega-bass switch. There are mini jacks for earphones and external antenna. Use the international clock and wake-up alarms to keep you on schedule. This radio comes with an AC adapter and earbuds. It can operate from two regular or NiCad AA cells (not supplied), 5 x 3 x 1.2 inches 9 oz. This radio is simply a great value. List \$150.00 Order #0626 \$89.95

GRUNDIG G3

FREE Grundig M400 Receiver

Purchase your Grundig G3 from Universal Radio for a limited time and receive a **FREE** M400 with your order. A \$29.95 value! (also sold separately).



The Grundig G3 Globe Traveler is an innovative portable radio covering long wave, AM, FM (stereo to earphone jack), continuous shortwave plus the VHF aircraft band. It features dual conversion AM/SW circuitry for exceptional sensitivity and image rejection. It offers S.S.B. - Single sideband reception. It has a large 700 channel memory system with memory scan and auto tuning storage. Memories may be labelled up to 8 characters. Unlike other portables in its class, the *Globe Traveler* offers Synchronous Detection. This special feature addresses the issue of selective fading and adjacent channel interference on shortwave. Other enhancements include: Wide/Narrow selectivity, auto search, RDS, signal indicator, Local/DX switch, direct frequency entry and 24 hour clock with four alarm timers. It has an external antenna jack and a Line in/Out jack. Requires four AA cells (not supplied). If four NiMH AAs are inserted, they may be recharged inside the radio. Supplied with manual, protective pouch and AC adapter/charger. 6.62 x 4.13 x 1.1". 13 oz. G3 Globe Traveler Order #4033 \$129.95

M400

The Grundig M400 is an ultra compact portable radio that covers the AM (520-1710 kHz), FM (87-108 MHz) and shortwave in two bands: 5.9-10 and 11.65-18 MHz. The M400 features an analog circuit with digital display and has easy-to-use controls. The frequency display is to the nearest 1 kHz on AM and to 5 kHz on shortwave. There is a built-in clock-alarm. The left side of the radio has the tuning knob, an earphone jack and a lock button to prevent accidental frequency changes. An amazingly thin radio ... under 1/2 inch! The built-in 4 ohm speaker is 40mm wide. The collapsible telescopic whip is for the FM and shortwave bands, and does not need to be extended for AM band reception. This radio operates from two AAA cells (not supplied). Supplied with an elegant soft case that permits the radio to be played even while inserted. 2.75 x 4.33 x 0.472" 3.2 ounces. M400 Order #3400 \$29.95

The Uniden Homepatrol is a whole new approach to scanning the VHF - UHF spectrum. Programming is as simple as keying in your zip code! When you enter your location, the Homepatrol searches its databases for channels within a specific distance from that location. And coverage is great. You can monitor many service types from 25-54, 108-512 and 758-960 MHz (less cellular) in AM, FM and FM wide modes. TrunkTracking EDACS (N/W), LTR, Motorola (analog/mixed/digital) and APCO P25 is supported. A micro SD card is included to store your favorite frequencies! The Replay feature can instantly replay the transmissions you have just heard. Comes with: SMA antenna, AC adapter, car adapter, base stand, computer cable and four rechargeable NiMH AA cells. Order #0738 \$499.95



AOR MC-600

The AOR MC-600 impedance matching transformer is designed to work from 10 kHz to 30 MHz with less than 3 dB insertion loss. Now you can efficiently connect a 50 ohm coax feed antenna to your classic communications receiver. Input is 50 ohm BNC female. Output is 600 ohm balanced terminals. Order #3335 \$88.95



Universal Radio, Inc.
6830 Americana Pkwy.
Reynoldsburg, OH 43068
800 431-3939 Orders & Prices
614 866-4267 Information
614 866-2339 FAX
dx@universal-radio.com
www.universal-radio.com

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

www.universal-radio.com

Please stop by for a look. We offer a wide selection of new and used shortwave equipment, antennas and books.

UNIVERSAL BUYS RADIOS

Call, email or write and tell us what you have to sell. We can provide a quote, subject to inspection.
U.S.A. flat-rate shipping: Under \$50=\$5.95, \$50-\$100=\$7.95, \$100-\$500=\$9.95, \$500-\$1000=\$14.95.
Except Alaska, Hawaii and Puerto Rico.

universal radio inc.

Quality Communications Equipment Since 1942

Unfortunately, last month's Journal did not contain the *Tropical Logs* column edited by **Scott Barbour**. While regrettable, we were able to get the missing column to members of our NASWA Yahoo Group on a timely basis. If you would like a hardcopy version of the September Tropical Logs column, it can be provided for a self-addressed stamped envelope direct from Scott (See Scott's *Musing* on this subject).

Each year Adventist World Radio (AWR) holds a DX contest that attracts worldwide participation from the shortwave radio listening community. The AWR Wavescan 2011 Contest Winners for the 2011 "Choose a Channel" DX Contest were recently released from **Dr. Adrian Peterson** during a Wavescan program. The DX contest was organized to commemorate the 40th anniversary of Adventist World Radio, and it featured the listening and reporting of all of the stations that can be heard on one particular shortwave frequency, under the title "Choose a Channel" DX Contest. The history of Adventist World Radio goes way back to October 1, 1971, when AWR made its first broadcast on shortwave in a service originating out of Portugal and beamed towards various countries in Europe. The awards for this year's contest were similar to all previous contests. A special award for the world winner, one of the Jerry Berg radio history books and World Radio TV Handbook 2012 for each continental winner. Dr. Peterson noted, "There were two surprising facts exhibited in the contest entries this year. One was the magnificent quality of many of the top entries; and the huge number of reception reports included in this year's entries. One entrant submitted 63 reception reports, and two entrants both submitted 45 reception reports each." The Awards of Merit went to **Gunter Jacob** Passau, Germany; **Nobuya Kato**, Fujisawa Japan; **Sebastian Arndt**, Remstadt Germany;


Sziklai Jozsef, Baja Hungary; **Claes Englund**, Danderyd Sweden; and **Jose Jacob**, Hyderabad India who has entered every contest since 1977. The Continental Winners were: Southern Asia: **P. Girish Chadaga** Bangalore India; East Asia: **Hideo Suzuki** Kiyosu Japan; Asia - Other Areas: **Tony Ashar** Depok Indonesia; Europe: **Hans V. Lollike** Hedehusene Denmark; South America: **Jorge Luis Medina** Punto Fijo Venezuela; South Pacific: **Bruce White** Karoonda SA Australia; North America: NASWA member **Edward Insinger** Summit, NJ. The World Winner was NASWAN **Bill Patalon** of Fallston, MD. Congratulations to all and especially to the two NASWA members - Ed Insinger and Bill Patalon - for their great work in this contest.

For those with an interest in radio history and preservation activity, you will find the Documentary Archive for the History of Radio Communication (DokuFunk) of consequence. **Wolf Harranth** of Austria is the curator of DokuFunk (Dokumentationsarchiv, ORF/QSL, Argentinierstr. 30A, A-1040 Wien, Austria) which started as a repository of QSL cards and letters. Over the years, it has expanded into a complete preservation archive of radio related material except they do not collect hardware items. You can check out their website at www.dokufunk.org but be sure to see the German language pages which are complete with the English section apparently still under construction. Very interesting!


It is not too late to think of attending the National Radio Club's (NRC) gathering that will be hosted by **Ernie Wesolowski** and **Carl Mann** in Omaha, Nebraska on October 13-16, 2011. The registration fee is \$45.00 per person and room rates are \$88.62 per night for up to four in a room. Once again, it will be a joint convention with the WTFDA. Details are in the Calendar of Events.

Please remember to direct all communications about subscriptions, bulletin delivery issues, Halloween party ideas, the use of PayPal as a payment method, etc. to **Bill Oliver** at the club's Levittown address or to his new electronic address, billoliver@verizon.net. The regular postal address is

the familiar 45 Wildflower Road, Levittown, PA 19057. Inquires sent to Wyomissing only slow down the process. Thanks!

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

FRENDX: Twenty-Five Years Ago (October 1986)

The cover of *Frendx* features several vintage Hallicrafters receivers (SX-62A, S-94, S-120 and SX-110), "The Good Old Days". Thomas McElvy was named the new Computer Corner editor. Contact column editor Stephen Moyer carried a letter from ANARC Government Affairs Liaison Robert Horvitz with the latest word on Communications Privacy Act. In Skip Arey's Technical Topics column, Joe Erwin wrote about The 50th Anniversary of Stromberg-Carlson. In the NASWA Awards Program column, John Kapinos announced that Don Jensen (All Continent "QRP" DXer with 605 watts); John Kapinos (Senior DX Centurian), Terry Palmersheim (Master British Commonwealth DXer and All Germany DXer) and Carroll A. Weyrich (European Continental DXer, World Wide DXer, North American Continental DXpert and All Germany DXer) were among the latest award recipients. Andy Sennitt wrote "The Ups and Downs of ANARCON'86", Richard D'Angelo wrote the Station Profile: Sani Radio, A New Voice from Honduras, Marlin Field wrote about Radio Charitas and John Demmitt wrote "A \$20 Million Radio Station That Doesn't Work". New Log Report Section C editor Joe Freeborn's first column appeared. 


NASWA Flashsheet

Are you getting the latest hot information about what is happening on the shortwave bands? If you have not signed up for the club's electronic *Flashsheet* service, you are missing out on timely news and information about the DX scene that will enhance your shortwave listening pleasure. If you are a current member of the club and want to receive the electronic *Flashsheet* just drop **Rich D'Angelo** (rdangelo3@aol.com) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic *Flashsheet* edited by **Mark Taylor**, markokpik@gmail.com. The club's electronic *Flashsheet* helps members stay on top of the action with breaking shortwave news and information. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news.

Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Bob Montgomery** (Address: 86 Pumpkin Hill Road, Levittown, PA 19056). 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.

Calendar Of Events

- Oct 8 Meeting.** The **Columbus, Ohio NASWA Chapter** is planning to hold its monthly meeting at Universal Radio in Reynoldsburg at 10:30 AM. Further information is available from Mike Rohde at 614-527-1398 or via e-mail at merohde@columbus.rr.com. The purpose will be to gather other SWL/ DX listening enthusiasts together for informative discussions and sharing of knowledge and information about the hobby.
- Oct 13-16 Convention.** The annual joint **National Radio Club/WTFDA Convention** will be held at the Comfort Inn and Suites (7007 Grover Street, Omaha, Nebraska 68106) on October 13-16. Hosted by Ernie Wesolowski and Carl Mann rooms will cost \$88.62 per night for up to 4 in a room. The registration fee is \$45 per person payable to the National Radio Club; mail to Ernie Wesolowski, 13312 Westwood Lane, Omaha, NE 68144-3543 by October 1.
- Oct 14 Meeting.** **Boston Area NASWA Chapter.** The Boston Area DXers have found a new location for meetings. Inquiries about 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 15 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 radiuscan@siscom.net. For additional information about MONIX, check out their web site at <http://www.siscom.net/~mmeece/monix.html>
- Oct 17 Meeting.** **Tar Heel Scanner/Shortwave Listening Group.** Red, Hot and Blue restaurant, 6615 Falls of the Neuse Rd., Raleigh, NC. Dinner at 6:30 PM and the meeting at 7:30 PM. Meetings are the 3rd Monday of each month. Further information is available from Curt Phillips, 919-599-4902, curt@w4cp.com.
- Oct 28 Meeting.** The **Reading Area DXers** will hold another meeting at the Flying Dog in majestic Earlville, PA (Route 562 and Airport Road). Members gather around 6:00 PM in the restaurant for drinks, dinner and informal discussions. Contact Rich D'Angelo (2216 Burkey Drive, Wyomissing, PA 19610; 610-678-0937 or rdangelo3@aol.com for further information about future meetings.
- Mar 1-3 Convention.** The **25th Annual Winter SWL Festival**, sponsored by NASWA, will be held at the Doubletree Guest Suites in Plymouth Meeting, PA on 1 through 3 March 2012. Richard Cuff and John Figliozzi co-chair the organizational committee. Updates and additional information will be posted at the Fest website, <http://www.swlfest.com>. See you there!
- May'12 Annual Meeting.** **The National Association of Shortwave Broadcasters** will hold its next annual meeting at the headquarters of Radio Free Asia in Washington, DC on May 10th and 11th, 2012. Further details will be available at a later date.
- Aug '12 Get Together.** The 19th annual **Madison - Milwaukee Get together for DXers and Radio Enthusiasts** will take place on Saturday, August 18, 2012 starting at 1:00 PM until whenever. This year's venue will be Madison, Wisconsin hosted by Bill Dvorak. This is an informal event where you can meet and socialize with other radio hobbyists and enthusiasts. More information will be available at a later date.
- 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

Please e-mail your Musings to Rich D'Angelo at rdangelo3@aol.com or by postal mail to 2216 Burkey Drive, Wyomissing, PA 19610.

Scott R. Barbour Jr., NASWA Tropical Band Loggings Editor <srbjrswl@yahoo.com>, P.O. Box 893, Intervale, NH 03845

My apologies to all for the missing Tropical Band Loggings' column for the September issue. Not sure what happened. I sent a copy to Ralph Brandi, NASWA Journal Desktop Publisher; Dan Ferguson, NASWAYg moderator & Anker Peterson, DSWCI-DBS editor, but only Dan received his. Dan was kind enough to post the missing column at the NASWAYg page. You can join the group by subscribing at <http://groups.yahoo.com/group/NASWA/>. For those without internet access, or do not wish to join the group, and would like a copy, I will gladly send you a print copy in return for a SASE. My postal address can be found at the top of the TL column, August edition of course!, or on the back page of the Journal. Unless Dan Ferguson is still listed as TL editor, hi! (...and at the top of this musing - RAD)

One final note. The winter DX season is fast approaching. Don't forget to submit your logging's to the appropriate editors & let the NASWA membership know what you're hearing. The Journal is only as good as we members make it!

Eric Bueneman (NØUIH), 631 Coachway Lane, Hazelwood, MO 63042-1347

With the United States and much of the world pausing to remember those who lost their lives in the terrorist attacks on U.S. soil on September 11, 2001, let's also remember where we were on that fateful day. In my case, I had first heard about the attacks when I woke up to get ready for classes at Southern Illinois University Edwardsville. Back then, I was only working three days a week. The clock radio was tuned to KWMU 90.7 at the time (since I had stopped listening to most corporate-owned radio stations) when I first heard about it. My mother, who was four years into her battle with ALS (or Lou Gehrig's Disease), wasn't informed, so she turned on the television set. Many of the cable networks that were owned by the broadcast networks were simulcasting the broadcast networks that day. For example, MTV, VH-1 and The National Network (now Spike) were simulcasting CBS-TV's coverage. That even extended to local radio, with KMOX 1120's coverage being simulcast on FM sisters KYKY 98.1 and KEZK 102.5. It also made me realize the importance of shortwave radio in telling the world's story of these events, and those to follow. I even had a shortwave converter (an MFJ-306) in my car at one point. Granted, I could get the U.S. view of events all the time on cable news outlets like CNN or the partisan propaganda outlets like Fox News Channel. But, I felt that I had to hear the rest of the world's view of events. That influenced my decision to purchase a shortwave converter in 2002, as well as my decision to become a satellite radio subscriber in 2007. I selected Sirius over XM because at the time, Sirius was the only one to carry the World Radio Network, which carries programs from various international broadcasters. Today, I am appalled to see so many broadcasters drop shortwave broadcasting to North America, especially in the wake of today's events, such as the revolt in Libya, the worldwide economic crisis, or the ongoing unrest in Syria. Many of these broadcasters, with the exceptions of the BBC, China Radio International and, to a lesser extent, the Voice of Russia, do not have access to the U.S. radio market because of the industry's corporate domination. Shortwave is the only way international broadcasters can penetrate the U.S. market with free programming. Many people don't realize that the Internet is actually more expensive than broadcast radio, when it comes to how much the consumer has to pay. In order to get all those programs via the Internet, the consumer has to pay a monthly fee for that service, sometimes an exorbitant one. Shortwave, medium wave (AM) and FM radio are free services to the public. With shortwave receivers going for as little as \$30 these days,

it's a more viable route than the Internet or satellite radio if they want to get these programs free of charge and want to take their listening wherever they go. The Internet is also not portable, unlike SW/MW (AM)/FM and satellite radio. I really don't think radio's answer lies in converting to spectrally inefficient and aurally inferior digital systems like DRM (Digital Radio Mondiale) and "HD Radio" (better known as IBOC). It lies in better programming, which I see U.S. radio (especially corporate radio) as sorely lacking in, strict enforcement of journalistic ethics, and more radio station owners with a real passion for radio, especially in the United States. We need to realize that there's more out on our airwaves than just the views expressed by mainly conservative U.S. talk show hosts. And we need more outlets to hear what the rest of the world thinks, not less. 73.

Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610
During my annual sojourn to Madison over Labor Day Weekend to visit relatives, I had an opportunity to visit with long time club member Gerry Dexter at his Chateau in Lake Geneva. I spent some time in his radio shack tuning his Ten Tec RX-340 with the tuning knob seemingly a little stiff from lack of use, hi! It was a great afternoon visit with Gerry who was also supervising the final phase of the installation of new kitchen countertops. Once the kitchen project was completed, we took the rest of the afternoon to visit one of his favorite watering holes for lunch and some adult refreshments. Although I missed the Madison-Milwaukee gathering this year, I was able to use some free time to visit one of the legends of the DXing hobby.

Congratulations are in order to two NASWA club members for their excellent showings in a DX contest. Bill Patalon was the worldwide winner of the AWR Wavescan 2011 DX Contest. Among the Continental winner, Ed Insinger was the North American champ. That was quite a showing by club members. Great job guys! There are still a couple of worldwide contests with this and the Danish contest coming to mind. I know the National Radio Club also holds a medium wave contest. There use to be more in the good old days but participation levels killed off the old North American DX Championships. Any other club members participating in hobby related contests these days?

Not a whole lot of action happening on the QSL front these days. Naturally, that reflects a reduced effort on my part more than anything else. I guess that means I have really been enjoying my summer with substantially reduced time devoted to the radio listening hobby. Here is what I have available for this month. Radio Deutsche Welle - Kigali verified an electronic report with a full data "20 Years of German Unity" card from the Customer Service organization. Could this be my last verification from DW as they reduced their shortwave output? Lastly, Trans World Radio - Manzini verified an electronic report with a full data PDF attachment from Mrs. Lorraine Stavropoulos, DX- secretary for Africa at lstavrop@twr.org. This was the first time I received an electronic reply from Swaziland.

NASWA Yahoo Group

Join moderator **Dan Ferguson**, the club's Yahoo Group, and other club members to discuss reception of shortwave radio broadcasts, program content, propagation, reception conditions, loggings, hot news and information as well as radio equipment and accessories and any topics related to shortwave radio in general. Please keep in mind that loggings, QSL news, schedule changes should also be reported to the appropriate column editor of the Journal for publication. This forum is a supplement to, not a replacement of, The Journal. Subscribe by going to <http://groups.yahoo.com/group/NASWA/>. Any club members wishing to participate in the NASWA Yahoo Group, moderated by Dan Ferguson (k4voa@zerobeat.org), but not interested in registering direct with Yahoo should contact Dan direct by e-mail for further information. Dan can manually add you to the group.



Easy Listening

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

Streaming Audio...A Primer

Recent trends continue to point towards broadcasters reducing or eliminating the use of shortwave to reach audiences, while simultaneously making more of their programming available through the Internet as streaming audio.

I thought I'd take a monthly column to provide a quick overview of the approaches generally available to listen to streaming audio, from Internet connection alternatives to listening devices. With costs for Internet access (and consumption) generally on the decrease, while at the same time costs for broadcasters to maintain and operate SW transmitters on the increase, this trend is likely going to continue.

Why bother investing in a streaming audio capability? First, for some broadcasters, that's the only way to hear some broadcasters reliably in half-decent audio quality. Second, not only do you get access to live audio - as in what's going out over a transmitter at that time - broadcasters are increasingly making past audio available - sometimes just a week's worth, sometimes a month's worth, sometimes a decade's worth. No longer do you have to set a timer to remember to tune in your favorite program. To me those are two pretty big pluses. Also, you can make Internet audio easily portable by transferring it to a digital audio player like an MP3 player - so even when you aren't connected to the Internet you can listen.

First...you need an Internet connection

Let's get this out of the way first...you gotta have one of those even before you have a device to listen on. Your Internet connection has to be a reasonably high-speed connection as well; a dial-up connection won't be fast enough for an enjoyable streaming audio experience in many instances. You'll wind up spending at least \$15 per month for this faster connection.

If you live in a metropolitan area, chances are you can get a high-enough-speed ("broadband") Internet connection either through your cable TV provider or your local phone provider. Many (most?) local phone providers offer a service called ADSL ("asynchronous digital subscriber line") that runs \$15 - \$25 per month on top of your monthly phone line charge. That *might* be less than you are already spending on a dialup Internet access plan. An ADSL connection is fast enough to work for streaming audio. The only downside with ADSL is that you must be within 3 miles (or thereabouts) of your local switching center.

If you can get cable TV at your home, you probably can get their version of broadband Internet as well. That tends to be more expensive - probably closer to \$40 per month - but is higher speed than an ADSL connection.

If you live in a more rural setting without cable TV access, one option is satellite-delivered Internet through a DBS ("direct broadcast satellite", roughly 26 inch diameter) dish from a provider such as Wildblue, which works in partnership with both DirecTV and Dish Network, the two largest satellite-to-home providers. From what I've seen, that type of service will set you back roughly \$50 per month, but there are potentially some possible savings due to a US Federal program called the *Broadband Initiative Program*.

A fourth approach might be to change to a "smartphone" mobile phone or a cellular modem for a laptop computer. If you already have a smartphone, you might need to upgrade your phone service plan to an unlimited-data (or high GB-per-month) plan as your cheapest approach.

Next...you need a device

If you already have a smartphone, you're all set. Most smartphones have a variety of software applications (known as "apps") that are great for tuning in the world; My

favorite, *Tunein Radio*, costs 99 cents. Well worth it. Add a pair of headphones, and you have yourself a fully portable "Internet radio" anywhere your mobile provider offers data network access.

Otherwise, you can use a desktop or laptop computer of recent vintage (say, four years old or younger) with nearly any recent operating system (Windows XP, Mac, Linux). A hand-me-down computer (from your kids, perhaps!) might do the trick fine. Computers are handiest as Internet radios when they can connect wirelessly to the Internet; I'll cover that in a later paragraph.

Roughly four years ago products called "Internet radios" hit electronics stores; these are cleverly-disguised small computers that were designed to feel like, and operate like, real radios. Back then, one of these "Internet radios" would cost \$300 to \$400, but I've seen decent-quality Internet radios now run closer to \$90 to \$130 in cost, from places like Universal Radio, a partner of NASWA. About the same as a shortwave portable when you think about it. Some of these will work with a wired Internet connection, others will need a wireless connection. Most of these are designed to plug into a wall outlet for their power source, but there are a few battery-operated units as well. One with the clever brand name of *Mutant Wavio* costs approximately \$80 to \$90 via mail order, and looks like an iPhone; it has received positive reviews.

Can you listen to Internet radio in your car? In a way, you already can...you can hook up the headphone jack of a smartphone to a car's stereo system.

Bottom line: Many types of devices will work...and you can get started for less than \$100.

Lastly...wireless is better

Radio is certainly a more enjoyable experience when you can make it a portable experience, at minimum around your home.

If you have a smartphone and a decent data plan, you can skip over this section. You're good to go.

However, for the vast majority of folks, you'll want to take that Internet connection we discussed above and make it available around your home without wires. For this you'll need something called a *wireless router*. A broadband Internet connection available wirelessly is typically known as a *Wifi* connection. A wireless router will set you back roughly \$40 and might even be offered free by your Internet access provider as a sign-up bonus.


A wireless router will allow all your Internet-connected devices (computers, TVs, DVD players, smartphones, Internet radios) to simultaneously use your broadband Internet connection. Sometimes it is a bit of a hassle to set up a wireless router, but once you're done, you can leave it alone.

Depending on your home setup, you can use other approaches and stick with wired connections, but I honestly believe a wireless connection is much handier and makes the process much more enjoyable.

Bottom line...figure \$150 to get started, then \$20+ per month

I know...you already have one (maybe more than one) decent shortwave radio at home, so why bother to go to the trouble of listening to streaming audio? For one thing, an Internet connection is good for a lot more than just streaming audio. Most folks I know feel they could give up many monthly expenditures but couldn't live without Internet access, as their entertainment (and communication) tasks have migrated there.

And...there's a world of more than 10,000 local and international "radio" stations out there...including some that you could *never* hear via shortwave...at your disposal.

Any questions? Get in touch...if I can't answer them myself I can connect you with someone who can....73 DE Richard 

Adrian Peterson's Diary

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

Minivan Radio for the Maldive Islands

Recently we were asked the question: What is the story regarding Minivan Radio, the shortwave radio broadcasting service beamed to the Maldive Islands, out there in the Indian Ocean? In response, Jeff White at Radio Miami International, WRMI in Miami Florida, provided us with an excellent overview of this radio broadcasting service that was on the air for a period of just three years.

The word Minivan in Diveh, the national language in the Maldive Islands, means "Independent". Minivan Radio, during its brief life span, maintained offices in several different countries, including England and Sri Lanka, and also in Male, the capital city in the Maldive Islands. The programming, always in Maldivian Divehi, was produced in England.

The first one-day test transmissions were broadcast on 11525 kHz from Bulgaria from 1630 to 1730 UTC on August 18, 2004. This original one time test transmission was made at 100 kW during the first half hour, and at 250 kW during the second half hour. Monitoring reports in the Pacific indicated poor modulation during the first half hour though with better modulation during the second half hour.

BBC Monitoring stated that their monitoring observations indicated a site at Kostinbrod in Bulgaria, and we would suggest that this was for the first half hour of the broadcast. We would suggest that the second half hour at increased power was made from the Plovdiv site in Bulgaria.

Regular transmissions for Radio Minivan began just one week later, August 25, 2004, from the Julich site in Germany. The frequency was 13855 kHz, the power was 100 kW, and the time was adjusted to 1600-1700 UTC. This initial broadcast was heard

by Jerry Berg in suburban Boston with an identification announcement stating WRMI in Miami; it was heard by Jose Jacob in India with jamming; it was heard by Anker Petersen in Denmark with side band interference; and by Victor Goonetilleke in Colombo Sri Lanka with tone jamming.

Glenn Hauser, reporting in Monitoring Times in the United States, states that an additional test transmission was made from Bulgaria on September 3, 2004, from 1630 to 1730 UTC on two channels, 9985 and 11535 kHz.

During the devastating tsunami that swept across the Indian Ocean after the December 26, 2004 earthquake off the coast of Indonesia, Minivan Radio provided much needed communications for the outlying islands in the Maldives. Most of the islands were overwhelmed with water inundation, and telephone and internet services were no longer functioning.

On January 1, 2006, the shortwave transmissions from Germany were temporarily suspended, following a raid on the Minivan offices in Sri Lanka, though the programming was still available on the internet. However, three weeks later the shortwave broadcasts from Minivan Radio were resumed, this time on 11800 kHz, from Julich in Germany.

Around the middle of the year 2006, a listener survey was conducted, and it was determined that 1/4 of the total population of the Maldive Islands were listening regularly to the shortwave broadcasts of Minivan Radio, even though the signal was jammed in the capital city area.

In March 2007, the shortwave broadcasts were suspended in anticipation that a local FM license would be granted. However,

the license was not forthcoming, and so once again the shortwave broadcasts were resumed, still from Julich in Germany at 100 kW and still daily at 1600-1700 UTC, this time on 11725 kHz.

However, the last day of shortwave broadcasting was August 31, 2007. The service was no longer needed, since the Minivan organization won the elections.

Interestingly, the Radio Minivan office in Male is co-sited with the Minivan News Service, and with the Minivan Daily newspaper, though Minivan Radio is not organizationally connected with either of the two other services.

QSL cards for the Minivan programming were issued by Media Broadcast in Germany and by WRMI in Florida. QSL letters were issued from the Minivan office in England.

The Voice of America: Shipboard Relay Stations - VOA Ship No. 2: The Mystery Story of the Radio Ship Phoenix

The story of the radio broadcastings ship, Phoenix, has always been wrapped in mystery ever since its inauguration more than half a century ago. The ship was fitted out as a radio broadcasting ship and it was in use in the Pacific at the latter end of World War II with broadcasts aimed at Asian rim countries, and in particular, Japan.

But where did the ship come from? And what happened to it afterwards? And what about international monitoring reports while it was on the air? In answer to all of these questions, a lengthy and intense spate of research has produced some interesting and unexpected information. That is the opening story in Wavescan today; The Mystery Story of the Radio Ship Phoenix, the 2nd ship broadcasting station that was on the air with programming on behalf of VOA, the Voice of America.

Let's go back to the beginning, and we discover that the ship itself was not named the Phoenix; its real name was Triton Maris. The name Phoenix indicated the wartime project under which the purpose of the ship was developed, and it was never the name of the ship.

To make the matter more confusing, there was an American battleship in the Pacific during the same era and this was named

the USS Phoenix. The official designation for the navy vessel was CL46, but this ship was never in use as a relay station for VOA programming.

Old shipping documents show that the Triton Maris was an Italian ship, not Greek as was mistakenly suggested for the Phoenix on previous occasions. It was constructed in the year 1898 as a dry bulk carrier, a cargo ship. It was nearly 250 feet long and 35 feet wide with an empty weight of 2300 tons.

The ship, Triton Maris, was taken over by the American army, and then granted to OWI, the American Office of War Information for modification as a radio broadcasting ship, we would suggest during the year 1943. Originally, this ship was intended for use as a floating radio station for deployment in European waters, quite similar to the usage of the American battle ship, USS Texas, a few months earlier, off the Mediterranean coast of Morocco in Africa.

A 50 kW mediumwave transmitter, a Western Electric Model 7A, was obtained from the well known broadcasting station, KSL in Salt Lake City Utah. This 8 year old transmitter was installed in the ship Triton Maris, probably at some port along the California coastline.

However, there was a delay in the deployment of this radio broadcasting ship, brought about because the navy was apprehensive that this slow moving vessel could become a liability in any active theatre of war. In view of the fact that the ship was finally not making its way towards Europe, General Douglas MacArthur ordered its deployment in the Pacific. Maybe they made some test broadcasts before leaving the sheltered waters of the United States.

The ship Triton Maris was temporarily moved to Hawaiian waters, probably at Pearl Harbor, and it was inaugurated as a radio broadcasting station on December 25, 1944. The nearby landbased shortwave station KRHO was inaugurated on the same date, and both stations were on the air with a relay of VOA programming from the new California shortwave station KWID. At this stage, the mediumwave transmitter aboard the Triton Maris was on the air under the callsign KRHO.

At the end of February, in the New Year 1945, the Triton Maris was moved to the coastal waters off the recently liberated island of Saipan. The first broadcast from this new location, as monitored in New Zealand, was on March 4, and the callsign at this stage remained KRHO. Programming was again taken off air from shortwave KRHO.

However, in June the transmitter was removed from the ship Triton Maris and re-installed at Tanapag on Saipan Island. At this stage, a new callsign was employed for this now landbased mediumwave relay station, the now familiar KSAI.

Mediumwave radio station KSAI was located on Saipan in a set of quonset huts, which was also the location of the AFRS mediumwave station WXLD. KSAI was on the air on Saipan until the middle of the year 1946, when, according to some reports, it was simply abandoned.

However, that is not the case. VOA documents indicate that the transmitter was

instead removed from Saipan and re-installed in the Philippines at Malolos, on the site of an early VOA relay station north of Manila. This transmitter was inaugurated at its new location as VOA Manila A on March 7, 1948. By now, the old Western Electric 7A transmitter, still rated at 50 kW, was noted on 920 kHz with programming directed towards Asia.

Over a period of time, the mediumwave transmitter, while still aboard the Triton Maris, was heard in Australia, New Zealand and the United States on many different channels, in an attempt to avoid Japanese jamming. The original channel in Hawaiian waters was 1000 kHz, though there were often quick moves to other channels, such as 1010, 860 and 960 kHz. When the station was installed on land at Tanapag on Saipan Island, usually only one constant channel was in use, 1010 kHz, though in July 1945, tests were made on two other channels, 1280 and 850 kHz.

Programming for mediumwave KRHO-KSAI was usually in parallel with shortwave KRHO in Hawaii, though there were occasions when local programming was produced on the island of Saipan in the Japanese language. At times the local AFRS 1 kW mediumwave station on Saipan, WXLD, was also in parallel with the programming from the 50 kW KSAI, with the signals from both stations beamed towards Japan.

During the year 1945, there were at least two navy reviews regarding the effectiveness of the OWI broadcasts from the Triton Maris, and these documents are lodged in the Eisenhower Library in Abilene Kansas.

So, that is the story of the Italian cargo vessel, the Triton Maris, that was transformed into a radio broadcasting ship for use under Project Phoenix, and that was heard from the end of 1944 till the middle of 1946 with a very strong signal in many countries around the Pacific Rim.

The Rest of the Story: The VOA Triton Maris

As the well known Paul Harvey would sometimes say: And now the rest of the story. What happened to the ship Triton Maris after it was no longer in use as a radio broadcasting station? This is what happened.

The Italian crew returned to their homes in Italy, the remaining electronics were removed, and the ship was put on sale in the United States in February 1946. No one bought the old ship, so in April 1947, it was returned to its original owners in Italy.

What about the mighty 50 kW Western Electric mediumwave transmitter? Originally from KSL Salt Lake City, as mentioned by Shanon Hunniwell in the American radio magazine, *Popular Communications*, it was deployed aboard the Triton Maris in the Pacific, reinstalled on the island of Saipan, and later transferred to Malolos in the Philippines, its fourth location.

Around the middle of the 1960s, the Philippine Broadcasting service upgraded the electronics at their recently acquired station at Malolos and removed old obsolete equipment from service. Apparently, the venerable 50 kW mediumwave WE7A was simply removed at that time, demolished, and sold for scrap.

And the Tanapag location on Saipan? The old VOA location is now the site for the Tanapag Elementary School.

And QSL cards? Yes, numerous VOA cards in two different styles were issued from Honolulu and San Francisco for the mediumwave broadcasts under the call signs KRHO and KSAI. And during the earlier part of that broadcast era, the programming was actually on the air from a radio broadcasting ship, though most listeners were not aware of it, the now historic but obscure Triton Maris.

On the Short Waves by Jerry Berg

< www.ontheshortwaves.com > Update, September 17, 2011—Lest you think that the Winter SWL Fest was the first “national” SWL convention, consider the IDA DX Festival, held in San Francisco, July 8-11, 1939. Sponsored by a national DX club, the International DXers Alliance (IDA), the festival coincided with the Golden Gate International Exposition, i.e. the 1939 World’s Fair (one of them—there was also a New York World’s Fair that year). Under “DX History/Clubs & Publications,” we have posted a file containing various articles in *The Globe Circler* (the IDA journal), and several promotional pieces put out by the IDA, about the festival. As you can see, there was a special IDA broadcast over General Electric Treasure Island shortwave station W6XBE (later KGEI), and a train trip from Chicago for those wishing to make the trek west by rail. If I am reading the third to the last item in the file (“Editorial”) correctly, it look like IDA president Charles A. Morrison made the trip by car but missed the convention! Per the next item, attendance was an inspecific “goodly number,” if “somewhat smaller than expected.” An August convention in Downers Grove, Illinois drew more than 40 people.—And under “Specialized Resources,” two new “Wavescan” entries from Adrian Peterson: “VOA Shipboard Relay Stations-VOA Ship No. 2: The Mystery Story of the Radio Ship Phoenix,” and “Minivan Radio for the Maldive Islands” (September 11, 2011).

Another month with missing columns. The promised correction of last month didn't occur. John, Kim, and Sam are AWOL in this edition of *The Journal*. Things have to get better.



On the Short Waves



by Jerry Berg

< www.ontheshortwaves.com > Update, August 28, 2011—Many radio clubs have issued seals or stickers from time to time for use on reception reports or members' correspondence. We have a few in a new file under "DX History//Philately." Included are seals or stickers from: (1) Canadian DX Relay, an early Canadian broadcast band club; (2) the International Short Wave Club; (3) an early sticker from the Newark News Radio Club which displays an inset for the "Newark News DX Club," the club's original name; (4) the traditional NNRC seal (in both red-black-gold and green-black-gold); (5) the National Radio Club; (6) the Radio League of America, a Gernsback-sponsored amateur radio organization formed in 1915; (7) the otherwise-unknown Round the World DX Club; and (8) the Radio Signal Survey League (RSSL), a group formed in 1937 by All-Wave Radio magazine.—And under "Specialized Resources," you will find a new "Wavescan" entry from Adrian M. Peterson. Dated August 21, 2011, it is "A New Radio Country: South Sudan, Pt. 1, and BFBS and AFRS in Sudan."

< www.ontheshortwaves.com > Update, September 4, 2011—Under "DX History/Philately," we have added a new file with Voice of America items. The first five in the file are first day covers bearing the VOA five-cent stamp that was issued in 1967 to commemorate the station's 25th anniversary. We have not posted these particular FDC's before. The sixth is an Art Craft FDC that we have posted previously, but this one also carries a ten-cent Cadillac "local post" VOA stamp. You can also see the Cadillac stamp without cancellation. Then there is a post office advisory to the effect that the VOA stamp was not to be sold before August 2, 1967. And finally there is a VOA Chinese-language cinderella, provenance unknown, which I have been told says, "Voice of America Thank You Certificate. VOA—The Program that Takes American News Around the World."—And under "Specialized Resources," this new "Wavescan" entry from Adrian Peterson (August 28, 2011): "VOA Shipboard Relay Stations-Ship No. 2: The Story of the Historic KSL Transmitter in Salt Lake City."

< www.ontheshortwaves.com > Update, September 10, 2011—EKKO stamps—the verification stamps that were popular in the 1920s—are quite well known, Bryant stamps less so. Bryant stamps were somewhat of a competitor to EKKO stamps. However, I have seen many thousands of old BCB QSLs and, unlike EKKO's, I have never seen one bearing a Bryant stamp. Presumably you bought them direct from the company (P. M. Bryant, Chicago). Under "DX History/QSLs & Other Station Memorabilia" you will find a file containing some sample pages from a 1925 Bryant stamp album. It is set up much the same as an EKKO album—pages for the stamps (which were a little less artful than the EKKO's), then lists of American broadcast band stations arranged by call letters and location, followed by pages for keeping a log of stations heard. Also shown are several sheets of unperforated Bryant stamps. A little research shows that the stations are arranged on the sheets alphabetically by state (left-to-right, top-to-bottom), though not necessarily alphabetically by call letters within the state. Could you send a list of stations to Bryant and have them send you a sheet of stamps for the requested call letters? Did you have to send the QSLs? There is some suggestion on line that you could buy the album with a complete set of stamps. Unlike EKKO's, which bore the words "Verified Reception Stamp," Bryant stamps carried no indication that they were meant to signify verification of reception.—Also, we have substituted a new version of the file containing club seals and stickers that we posted on August 28, 2011. This one contains two new items from John Herkimer, a red NNRC sticker and a green-and-gold NNRC decal (3" diameter).

Listener's Notebook

Jerry Lineback • P.O. Box 1220 • Grantham, NH 03753-1220 • jerrylineback@comcast.net

Times are UTC and frequencies in kHz.

Welcome to Listener's Notebook. Thanks to all who contributed material. The continued success of LN will depend on **your** contributions, so please help me by contributing.

ALASKA-USA 9920, *KNLS* Anchor Point 1110, August 23. Chinese, singing and woman announcer with URL and talk; bottling for dominance with co-channel FEBC featuring male announcer with lengthy talk in an unidentified language. Fair, but with a constant "siren" effect heard throughout. (Barbour-NH)

11870, *KNLS*, 1014, August 29. English; man mentioning the Bible; woman with ID; song. Poor. (Sellers-BC)

ANDES BANDSCAN - Hurray, finally a relatively decent opening into the Andes on 60 meters this morning, 9/13, hopefully signaling the start to a nice LA DX season for us in the USA. 5039.18 R. Libertad de Junin, Peru, with fair to good QSA at 1036, deejay talking over mellow musical background. 4814.98 R El Buen Pastor with a nice signal at 1049 tune-bay, fetching sanjuanito in progress. 4789++ presumed R Vision, Chiclayo, decent signal but het and QRM underneath ute at 1051. Didn't notice other usual suspects like R Tarma or R Huanta 2000, which were my 'markers' for decent Andes openings last winter. (Perry-Illinois)

ARGENTINA 11710.52v, *RAE*, 0202-0211, August 30. In English with segment about the celebration on August 27 for Radio Broadcasting Day; about the early days of wireless; most info from http://www.icce.rug.nl/~soundscapes/VOLUME04/MIRROR/Carlos_Altgelt.html. Poor-Fair. (Ron Howard-Asilomar Beach, CA)

AUSTRALIA 2368.5, *Radio Symban*, 1202*, August 22. Looks as if they are still on their reduced schedule. I was very pleased to receive a full data QSL, "Australian Native Birds," post card also indicating "Leppington (near Sidney), power 500 watts (at present)," from John Wright in 8 days. (Ron Howard-CA)

2368.49, *Radio Symban*, 0935-1006, August 30. Ballads in listed Greek; announcer at 1005. Poor in ECCS-USB when there was enough signal to lock on to. (Barbour-NH)

2485, *VLSK ABC* Katherine, NT, 0908, August 21. Two announcers with live coverage of the Melbourne Demons vs. Richmond Tigers match up. (Ron Howard-CA)

11945, *Radio Australia*, Shepparton, 1016, August 29. English news headlines into news. Fair; //9580. (Sellers-BC)

BRAZIL 3375.42, *R. Municipal* Cachoeira, 0939, August 30. Portuguese ballads and "canned" sounding announcer. Very poor. (Barbour-NH)

4865.02, tentatively *R Alvorada*, Londrina, September 13. My previous unid from July, heard much better today, is definitely a Brazilian (was hoping Logos!) Noted poor to fair signal again this morning from 0946-0957 with very under-modulated signal and usual pgm of OM narrating or preaching in lengthy monologue, punctuated by bursts of orchestral or hymn-like music. At this point, still unreadable insofar as useful pgm detail, even lang. (SS or PP?) But with 60 meters staying alive later now, was able to recheck at 1020. Still there and with a signal that had peaked substantially. Much more readable, tho still low modulation. 100 pct clearly PP and t/cks matching Brazil, also. At this time, a studio news magazine program was in progress, with phone-ins from listeners and live reports from remote correspondents. Still good at 1035 but still no clear ID. Anticipate most likely will be the familiar *R Alvorada*, Londrina, although must be aware that there were also reports (confirmed?) in June out of Europe of a *R Verdes Florestas*, Cruz do Sul, on this same freq. (Perry-Illinois)

4925.24, presumably *R. Educacao Rural*, Tefe, now heard many mornings with best signal in the band but IDs elusive. On 9/7 heard with telephone-in show, YL in studio and callers weaker. On 9/8 routine morning musical programming with polka-like instls and OM PP anmts. 9/11 at 1009 tune in, again telephone show with listeners. Can't catch an ID yet but is sure to come as signal is there almost

every morning lately, vying with 4885 as champion of the Brazilians. (Perry-Illinois)

15189.96, *Radio Inconfidencia*, 0045-0115, August 30. Heard after WYFR 0045 sign off with Portuguese talk and local ballads. Weak but readable, //6010 was also weak with adjacent channel splatter. (Alexander-PA)

BOLIVIA 5952.45, *Radio Pio Doce*, Siglo Vdinte, 0111-0235*, August 28. In Spanish with pop Bolivian music; 0232 usual sign-off theme music which is the distinctive whistling "Colonel Bogey March". Poor. (Ron Howard, Asilomar Beach, CA)

6134.78, *Radio Santa Cruz*, 0102, August 28. Sign-off announcements along with the usual "Radio Santa Cruz" station song till 0107*. Poor. (Ron Howard-Asilomar Beach, CA)

CANADA 6070, *CFRX* Toronto, 1021, August 29. Ad for National Bank, "Newstalk 10-10" IDs. Fair. (Sellers-BC)

CHAD 6165, *RNT*, 2220-2229:35*, August 24. Afro-pop music, French Announcements; s/off with NA. Poor to fair. (Alexander-PA)

CHINA 4940, *Voice of the Strait*, Fuzhou, 1028-1041, August 30. Ballads at tune in; Chinese announcement and solid ID at BoH; ad string; back to ballads at tune out. Poor, best in ECCS-LSB. (Barbour-NH)

5050, *Beibu Bay Radio* (BBR), 1300, August 30. Since Ozy Radio has not returned here yet so they are in the clear. Pips; Chinese TC, multi-language IDs ("FM 96.4 Beibu Bay Radio"); talk in Chinese for a few minutes before into the "B-B-R News" in Vietnamese. Fair. (Ron Howard-Asilomar Beach, CA)

5925, *CNR-5* Beijing, 1046-1102, August 30. Man and woman announcers in Chinese; one announcer breaks out into song; music bridges and remote reports; filler music at 1058' ID and CNR jingle at 1100 into more talk. Poor to fair. (Barbour-NH)

11635, *CRI*, 1007, August 29. English interview concerning university education forum. Good. //11610 poor. (Sellers-BC)

CLANDESTINE (unnamed presumed) 6135, to North Korea, 1037-1040*, August 24. Korean pop song; het from Bolivia on low side; no jamming yet. Strong. (Ron Howard-CA)

CROATIA 7410, *Croatian Radio*, 0600-0603, August 20 and 21. Heard with a 3 minute live News capsule in English on Saturday and Sunday. Previous schedules shown as Monday to Friday, so now daily, maybe for the summer Tourist season only. (Alan Roe-UK via World DX Club Contact: September DX News)

DJIBOUTI 4780, *Radio Djibouti*, *0303-0350, September 11. Sign on with local music and Arabic talk. Qur'an at 0304-0318. Arabic talk. African choral music. Fair to good. (Alexander-PA).

ECUADOR 4814.98, *R. El Buen Pastor*, 1030. With HC pasillos, weak signal and bad static. 1042 t/ck by OM and then into sermon in SS. (Perry-Illinois)

ERITREA 9630.03, *Voice of the Broad Masses of Eritrea*, 0323-0330, August 24. Vernacular talk; Horn of Africa music. Weak but readable. //7175 poor with ham QRM. On August 30 heard on 9710.03 and // 7174.99, both fair. (Alexander, PA)

ETHIOPIA 9705, *Radio Ethiopia*, *0258-0315, August 31. Sign on with short IS on electronic keyboard and opening announcements; NA at 0259; gongs at 0300 followed by Amharic talk, possible news; local Horn of Africa pop music at 0303. Fair. (Alexander-PA). 9705.01, tentative R. Ethiopia, Addis Ababa, noted weakly at the close of transmission on 8/31 at 2055; closing anmts in progress and into a choral NA at 2059. Carrier cut at 2101.45. No ID but a nice fit with Ethiopia's schedule/fqy profile. Still a bit early for decent propagation on 31 meters, give this a few more weeks for much more enjoyable tuning. (Perry-Illinois)

GERMANY A new station on short wave is planned in East Friesland. It will transmit on 3995 with 3 kW, maybe later an increase to 10 kW. Christian programmes from among others HCJB. Planned to get started with test broadcasts in August. (Christer Brunström, Sweden, SW Bulletin via Thomas Nilsson, DX Listening Digest).

The German Service of HCJB now broadcasts on 3995 from 0400-0800 and 1800-2200 according to <http://www.hcjb.de>. They have at least one English programme. I heard Just Jazz with Frank Rowe (a production from HCJB UK) from tune-in at 1935 until 2000 playing Jazz music from Ella Fitzgerald, Humphrey Lyttleton and others on Monday 22 August. (Alan Roe) English programme of bible stories and contemporary Christian music heard August 28 and 29 from 0705 tune in until 0759 when sign off announcements

in German. (Mike Barraclough) They are currently using the Kall-Krekel transmitter site. (Kai Ludwig, Germany, DXLD) Their own site in Weenermoor is not yet ready and they will use Kall-Krekel until it is. (Wolfgang Bueschel)

KBC has received a test license for 531 in Burg Eastern Germany. Test programmes began on August 19 and will continue to the end of October. We are trying to return on shortwave in November. Minimum power is 100 kW. We are also checking if we can beam again to the USA on shortwave. For reception reports please mail to KBC531 @ gmail.com or write to The Mighty KBC, Argonstraat 6, 6718 WT Ede, The Netherlands. Send 2 US dollars if you want to receive our Mighty KBC QSL card." (KBC website, Allen Dean)

This site of course has a very interesting history, having been a key site during the days of the GDR, but has been unused since 2008 following the closure of Truck Radio. It has a 10kW transmitter which can also transmit in DRM mode at 2.7 kW, and a 190 metre antenna mast. (biener-media.de via Media Network)

M.V. Baltic Radio schedule August 7 was 0900-1000 on 6140 100kw via Wertachtal and also on 9480 1kw via their site in Göhren. A repeat of the previous weeks Radio Gloria International broadcast was made at 1100-1200 on 9480 followed at 1200-1300 with a repeat of the M.V. Baltic radio programme.

They relay European Music Radio at 0900-1000 on the 3rd Sunday of the month, Radio Gloria International at 1300-1400 on the 4th Sunday of the month. No broadcast on the 2nd Sunday of the month. (Tom Taylor, DX Listening Digest) (All via World DX Club Contact for September)

6190, *Deutschlandfunk*, 0050-0130, September 17. This station is present in the clear on a regular basis here, but generally heard weakly. However, this evening they were weak as usual until about 0101 when the signal strength ramped up to local level with commentary by several men and women in German on the European debt crisis and then with talk about Texas with mentions of Houston and Washington, DC. Back to previous weak level with music at 0130. Maybe they switched to a more powerful transmitter site to cover Europe for this program. It was very early Saturday morning in Germany. (Lineback-NH)

GUAM 5765-USB, *AFN*. Irregular schedule at best; September 9 not heard during checks from 1236

to 1433. Also their 13362-USB was silent. (Ron Howard-Asilomar Beach SP, CA)

GUINEA 7125, *Rdif. Nationale*, 2215-2251*, August 24. Hi-life music; indigenous vocals; rustic tribal music. Vernacular and French talk. Abrupt sign/off. Fair. (Alexander-PA)

GUYANA 3290, *GBC*, Georgetown, 0930, August 30. English by man into "On Top of Old Smokey" followed by announcements. Poor in ECCS-USB. (Barbour-NH)

INDIA 4820.75, *AIR* Kolkata, 1334, August 25. Last noted on this off frequency on July 12. Best in USB. (Ron Howard-CA)

INDIA Thanks to the timely tip from Mauno Ritola (Finland) that PBS Xizang (Lhasa, Tibet) seems to currently be doing their annual transmitter maintenance, hence they are off the air on many frequencies. I was able to hear the following completely in the clear on Sept 8: *AIR Kolkata* on 4820.75 at 1327, but when checking again at 1415 found them on their normal 4820.0. *AIR Chennai* was doing well on 4920 at 1320. (Ron Howard-CA)

9690, *AIR*, 1405 August 24. English; man with sports including tennis results. Fair. (Sellers-BC)

All India Radio will embark upon a sweeping modernization program during 2011-16 that will see it broadcasting to the entire country with State-of-the-Art technology. Having already covered 99% of the population and area under the analogue mode, AIR has made detailed plans of increasing the coverage to 100% under the digital mode. 100% coverage would strengthen broadcasting to all strategic border areas as well. Within this 100% coverage on the primary grade signal, medium wave and short-wave coverage by FM signal will increase from 37% to 90% of the population. This would entail digital broadcast in FM band from 50 places in the country including all State capitals and major cities.

In addition to the main channel which has excellent audio quality, an additional speech quality programme can be broadcast simultaneously on the DRM Transmitters operating in digital mode. The reach of the existing national channel is proposed to be extended to the whole of the country and is also proposed to convert it in DRM mode, using SFN (Single Frequency Network). The entertainment programme will be broadcast on the main channel and the 2nd channel is proposed for 24 hour news broadcast.

External Services will be strengthened so as to enhance the quality of AIR External Services Broadcasts through digitalisation of Shortwave transmitters. Schemes under implementation & proposed include: 78 MW (Medium Wave) Transmitters including 6 Mobile Transmitters are being digitalized. Remaining MW 49 Transmitters in the network are proposed to be digitalized during next five years & targeted to be achieved by 2017. In addition, 9 SW (Short Wave) Transmitters (4 in Delhi, 4 in Aligarh & 1 in Bangalore) are being digitalized. Remaining Shortwave Transmitters are proposed to be digitalized during next five years and targeted to be achieved by 2017.

During next five years, digital broadcast in FM band using DRM+ is proposed to be started from about 50 places including all State capitals and major cities.

All these plans may result in the availability of consumer DRM receivers at a reasonable price at long last. (Mike Barraclough) (Via World DX Club Contact: September DX News)

INDONESIA 3325, *RRR Palangkaraya*, 1233-1330, September 16. Thanks to an alert from Victor Goonetilleke (Sri Lanka), I was able to hear a very unique program; gospel Christian preaching by an impassioned African-American in English with a running translation into Bahasa Indonesia; outdoor event held in a field locally in Palangkaraya; "I am reading from God's book. This is God speaking to Palangkaraya", "Tomorrow night and Sunday night let all of Palangkaraya come together", etc.; Christian songs; almost fair with adjacent QRM from Korea on 3320. Perhaps was an audio feed from TV coverage? Fascinating to hear this from Palangkaraya! Seems this programming may again be broadcast on September 17 and 18 at the same time. Have edited a small portion as a MP3 audio file at < <http://www.box.net/shared/40szirkk6pakkic7cxxh> >. (Ron Howard-Ocean Beach, CA)

7289.95, *RRR Nabire*, 0756-0808*, August 21. Formatted for Ramadan with Islamic singing, no news; 0805 sounded like actual sign off announcement with ID and filler music till suddenly off; signal improving the whole time. (Ron Howard-CA)

9524.96, *Voice of Indonesia*, checking from 1507-1549, August 30. In English with a special Eid-al-Fitr (end of Ramadan) show; phone call from Indonesian embassy in London telling of festivities

there; gave weather forecast for the celebrations; pop songs. Fair, running well past their normal sign-off. (Ron Howard-Asilomar Beach, CA)

9680, *RRR Jakarta*, 1503*, August 30. Suddenly off the air. Fair. (Ron Howard, Asilomar Beach, CA)

JAPAN 3925, *R. Nikkei-1*, noted still on at 1419, August 25. Believe this is rather late for them; //6055. (Ron Howard-CA)

9840, *NHK World*, 1000, August 29. English s/ on following IS and time pips, no ID, just "We bring you the news" which was read by a man and woman. Good. (Sellers-BC)

MADAGASCAR 4910-USB, *Radio Madagasikara*, *0227-0310, September 10. Sign on to local African instrumental music; IS at 0227:25; National Anthem at 0227:47. Instrumental music and announcements in listed Malagasy at 0230; Afro-pop music at 0233; Malagasy talk. Weak at sign on, but improved to a fair level by 0243. (Alexander-PA)

MALAYSIA 6050.02v, *Salam FM* via *RTM*, 1420-1500, August 31. Is this an actual programming change or just an anomaly? Lively DJ in Vernacular with dedications for pop songs; on-air phone call; 1500 1+1 pips; another singing "Salam FM" ID; reciting from the Qur'an. For a long time was always R. Suara Islam after 1400. A typical "Salam FM" segment from the past at <http://www.box.net/shared/jrcocuzjmedhg1ljajz7>. On September 1, I found *Asyik FM* programming from t/in at 1222 till the end of their program at 1500. There was not the normal switching over to radio Suara Islam at 1400, rather the switchover occurred at 1500 with no pips, but many singing IDs and reciting from the Qur'an. (Ron Howard-Asilomar State Beach, CA)

6049.6, *Asyik FM* via *RTM*, 1059, August 23. Most days now this is on 6050.02v (noted as high as 6050.04v on August 14), so this lower frequency has become an anomaly for them; back to 6050.02v again on August 24. (Ron Howard-CA)

MALAYSIA-SARAWAK 9835, *Sarawak FM/RTM* Kajang, 1121-1203, August 29. Pop ballads in listed Malay with woman announcer between selections; Qur'an chants from 1150 with occasional woman announcer talking; Arabic sounding talk at 1202 into snippet of Arabic music; back to Malay ballad at tune out; no discernible ID noted. Poor to fair. (Barbour-NH)

MALI 5995, *RTV Malieene*, Bamako, 2303-2320, August 29. French; indigenous music and lengthy talk by man; music at 2310 followed by more talk. Very poor. (Barbour, NH)

MAURITANIA 7245, *ORTM*, *0601-0610, September 17. Abrupt sign on with Qur'an. Good. Strong. (Alexander-PA)

MICRONESIA 4755.44, *PMA-The Cross Radio*, 1045, August 24. Christian songs; short sermon with "This is the Cross Radio" ID; more songs; at 1059 local TC and ID along with frequency (88.5 FM); off the air shortly after 1102. Poor. (Ron Howard-CA) Also heard 1047, August 29 with gospel songs and man in English. Poor. (Sellers-BC)

MONGOLIA 12085, *Voice of Mongolia* (tentative), 1029, August 29. Musical IS repeated, 1030 a piece of music, possibly an anthem, followed by talk. Just above the threshold. (Sellers-BC)

MYANMMAR 5770, *Myanmar Defense Forces Broadcasting Station*, 1328, August 25. Recently, I believe they have changed their format a little; at the BoH (their local ToH) they no longer play their distinctive military marching band music as they had for many years. It is now their usual indigenous instrumental music. Perhaps a listener in Asia can confirm that this is always the case not at the BoH, thanks for any assistance. (Ron Howard-CA)

5985.0 *Myanmar Radio*, via Naypyidaw, ex-5985.83v via Yangon, checking from 1248 till 1432, August 30. In vernacular and playing EZL pop songs; somewhat better reception than heard during this past summer. (Ron Howard-Asilomar Beach, CA)

7185.74, *Myanmar Radio* sign offs: August 21 - 1224*; August 22 - 1227*; August 24 - 1224*. (Ron Howard-CA)

7200.04v, ex-7185.74, *Myanmar Radio*, 1145-1221:49*, August 30. First day back on this former frequency, vernacular and EZL pop songs; at 1220 played their usual signature instrumental theme music. Fair with light Ham QRM. (Ron Howard-Asilomar Beach, CA)

Myanmar's state-run newspapers dropped back-page banners attacking Western media for the first time in four years August 17, the latest indication its new government could be softening its stance towards opposition voices. Three official newspapers dropped half-page slogans that were running daily, accusing the Voice of America (VOA)

and the BBC of "sowing hatred among the people", and other Western media of "generating public outrage". The slogans also told readers not to be swayed by "killer broadcasts designed to cause troubles". (Reuters via Media Network)(Via World DX Club Contact: September DX News)

NIGER 9704.99, *LV du Sahel*, 2101-2303*, August 29. Audible after Ethiopia 9705 sign off at 2101. Vernacular talk; rustic indigenous vocals; Qur'an at 2257. Short flute IS at 2301 followed by NA. 21 second test tone at 2303 and off. Weak but readable at 2101, improved to fair to good levels by 2215. (Alexander-PA)

NORTH AMERICA 6925.34, Pirate *WBOG*, 0115-0122*, August 24. Pop music, ID at sign/off). Poor to fair. (Alexander-PA)

NORTH KOREA 15180, *Voice of Korea*, 1005, August 29. English to Latin America; woman with news of a cultural event between DPRK and Russia. Fair; //11710 very good and also //11735 beamed to Asia fair. (Sellers-BC)

PAPUA/NEW GUINEA 3205, *Radio Sandaun*, 1255, August 24. English ID, "station in the nation" and FM frequency mentioned; 1259 woman in Tok Pisin and "NBC Sandaun" ID, pop song, 1303 into NBC news in English. Good. News also heard on //3275 Radio Southern Highlands and 3365 Radio Milne Bay. Both poor. Other PNGs had already signed off or were not audible for other reasons. (Sellers-BC); 1146, August 24. Another weekly Wednesday Dept. of Education program in English; list of teachers required to attend a workshop on Sept. 12; 1201 "News in Brief"; local ID and frequencies. (Ron Howard-CA)

3205, *NBC Sandaun*, 0958-1212, September 12. On with their normal Monday show Government Talkback" in English with two OM chatting and //3385 and 3905; at end of show (1208) played National Anthem; 1209 no longer //3385 and 3905; brief singing "N-B-C Sandaun" jingle; then the late starting national NBC "News in Brief" in English. Poor to almost fair. (Ron Howard-Ocean Beach, CA)

3385, *Radio East New Britain*, Rabaul, well heard September 10, 1115-1130 and again September 11 at 1125. Other 90 meter PNGs not noted, however. PNG island style choral pops, some selections of syncopated dance mx, OM pidgin anmts. On 9/11 hrd with lush island chorals. Always fun to listen to Rabaul, takes me back to the 1960s! (Perry -

Illinois). NBC East New Britain, 1108, September 12. After the NBC national news, ID for "N-B-C East New Britain, bringing you local and international news, and current events happening around you" followed by provincial news in Tok Pisin; carried the normal Monday show "Government Talkback" in English with two OM chatting and //3205 and 3905. (Ron Howard-Ocean Beach, CA)

3905, *NBC New Ireland*, 0958-1212, September 12. Birdcall at 1002 and assume news; too weak to make out language; 1103 another birdcall and NBC news (// 3205 and 3385); 1108 different NBC news (only // 3205); 1114 conch shell horn followed I assume by local news (not //); by 1130 was able to tell they had the normal Monday show "Government Talkback" in English with two OM chatting and //3205 and 3385; on air phone call; poor reception the whole time. (Ron Howard-Ocean Beach-CA)

5960, *Radio Fly*, Tabubil, 1050, August 29. Country and pop songs; man in Tok Pisin mentioning Radio Fly at 1106. Poor. (Sellers-BC). R. Fly on 5960 from 1001 to 1025, September 12. The usual Monday show "Radio Fly Special" (heard clear program ID); pop island song; speech followed by an interview in Tok Pisin; after 1025 music dedications for pop/rap/island/C&W songs; called in phone dedications; 1050 full ID with frequencies; poor to almost fair. Am still unable to hear 3915. (Ron Howard-Ocean Beach, CA)

PERU (Tentative), 4955.00, extremely likely *R Cultural Amauta*, Huanta, 1038, September 11. With segued instl MOR selections leading up to OM SS anmts 1045 over the front end of a pop song. More OM SS anmts at 1049. First decent opening to the Andes in a bit -- other regional stations noted coming in well. Very nice fqy precision if indeed Amauta, as they've usually missed by .01 at 4954.99 kHz. (Perry-Illinois)

5039.19, *Radio Libertad de Junin*, 1051 check on September 11. Strong signal. Local sunrise finally getting late enough so that LA stations signing on later than *1000 have a chance to be hrd in IL. Interesting selections of modern, mellow Andes fusion instrumentals, featuring deeply reverbed fiddles, pinkillos, queenas and arpa, in a familiar huayno-type melody. Segued to another 1055 and OM ID at the top of the hour. Very happy this station keeps hanging in there, one of our most beloved old-timers from OA Land, along with the likes of R Tawantinsuyu 6175a and a few others. . . Evidently Junin is quite an unattractive town, though, at least as described in the new travel+history book

"ANDES" by Michael Jacobs. Sure is pretty on the 60 meter band, however! (Perry-Illinois)

PHILIPPINES 12065, *Radio Netherlands*, 1027, August 29. English "Earthbeat" discussing arsenic. Poor (Sellers-BC)

15190, *DZRM Radyo Magasin* (1278 kHz) simulcast via *R. Philipinas*, *1731-1818, August 31. The Wednesday only simulcast of DZRM in Tagalog with many words in English; program about the crisis with repatriating overseas Filipino Workers from Syria and Libya; phone hotline and email contacts in Damascus, Syria given; many "1278 DZRM Radyo Magasin" IDs. Fair. <http://www.box.net/shared/48rrzckmbcy4moijz6s2> has nice MP3 audio. Was an interesting show! Infinitely easier than to hear this than the rare outlet on 6170.3, which is often covered now by New Zealand. (Ron Howard-Asilomar State Beach, CA)

ROMANIA 15610, *IRRS* (Italy), 1259-1359, August 24. Classical music; IRRS ID at 1300 into lite instrumental music. English Overcomer Ministry program with Brother Stair at 1305, covered by WEWN sign on at 1359. Poor to fair. (Alexander-PA)

SAIPAN FEBC, August 24, 2011. After 27 years FEBC shutting down Saipan station for good. Far East Broadcasting Co., a non-profit, non-denominational missionary organization that broadcasts the Gospel of Jesus Christ to many parts of Asia, will decommission its radio station on Saipan by the end of the year, after 27 years of broadcasting on the island. Bob Springer, FEBC general manager, attributed their decision to government deregulation and advances in communications technology that he said have significantly reduced the demand for shortwave broadcasting. Shortwave broadcasting is a long distance broadcasting mechanism that allows a radio station to broadcast up to 4000 miles. 'In the last two and a half years, FEBC has studied the trends in technology in the audience listening habits and the conclusion of this exhaustive study has been we should cease broadcast from Saipan while continuing shortwave broadcasts from our facilities in the Philippines', Springer said. Founded in 1945, FEBC began with a vision of starting a radio station in China and constructing programming studios in Shanghai. But, with the Nationalist government's concern about the Communist takeover, FEBC wasn't given a license to operate a station there. "That was sought in the Philippines", said Springer. The first station

went on the air just three months before China fell to the communists and its been broadcasting to China ever since. With the ministry's rapid growth, FEBC started broadcasting from Okinawa to China in 1957 and Korea in 1971. FEBC initially came to Saipan in 1975 to explore the possibilities of building a station there. In 1978, FEBC created KSAI to serve the Commonwealth. "While we were operating KSAI in those early years, negotiations went on for land to build a shortwave station and in 1981, a lease was signed in the Marpi area to build the station where we're located", said Springer, adding that FEBC officially went on the air in 1984 with four transmitters broadcasting to Russia, China, and Southeast Asia. At the height of its broadcasting efforts, FEBC broadcast to about 15 different countries, including Uzbekistan, Kazakhstan, Kyrgyzstan, and Ukraine, in 24 different languages and dialects. Springer disclosed that they receive tens of thousands of letters every month from people responding to the gospel they broadcast. "Having lived on Saipan longer than anywhere else that I've ever lived", Springer said he feels sorry to go. "While we've enjoyed the 27 years that we've been able to operate here on Saipan, the government and the commercial side of things here on Saipan has been very good to us and we've appreciated that. But we can see the time and we know that that's the thing we need to do". (Reporter Clarisa David via T.C. Paterson, Philippines, to EDXC Forum) (D'Angelo-PA)

SRI LANKA 9800, *Radio Netherlands*, 1413, August 24. English; "Earth Beat" program. Fair. (Sellers-BC)

TAIWAN 7970, *SOH* (presumed), 1014-1017, August 22. In Chinese till covered by Firedrake at 1017. On August 29, I was fortunate to catch them briefly in the clear at 1222 in Chinese; at 1223 they had a positive, clear ID; spelled out "w-w-w-s-o-u-n-d-o-f-h-o-p-e" then "Sound of Hope" in English with EZL religious instrumental music in the background; at 1226 covered by sign on of strong Firedrake. Rarely do I hear an ID and this time period is the best chance for one. September 9. Heard another ID as "w-w-w-s-o-u-n-d-o-f-h-o-p-e-o-r-g" followed by "Sound of Hope" in English with singing in the background which did not help at all with making out the ID. If Firedrake jamming is off, then best bet for an ID is the 1220 to 1225 time period. Short MP3 audio of ID posted at < <http://www.box.net/shared/dip44j2ycu02agx0bznb> >, but tough copy. Signal was steadily improving after 1225. (Ron Howard-Asilomar Beach, CA)

10300, *SOH* (presumed), 1309-1333, August 30. Non-stop monologue in Chinese; no Firedrake; almost fair. (Ron Howard, Asilomar Beach, CA)

TAJIKISTAN 4975, *Voice of Russia*, 1401, August 24. English; woman with ID and news. Very poor. (Sellers-BC)


UGANDA [non]. via FRANCE. 15410, *Radio Y'Abaganda*, *1700-1715*, September 10. Sign on with local African music; choral anthem at 1702; talk at 1702:30 in listed Swahili; mentions of Abaganda; local tribal music at 1710; abrupt sign off. Poor in noisy conditions. Sat only. (Alexander-PA)

USA Here is how broadcasters like the *VOA* are investing in Internet technologies in order for audiences in Internet-restricted countries (think China and Iran) to hear/see the *VOA* website. Interesting reading and helps to explain why these broadcasters seem willing to abandon conventional shortwave even in these areas. http://www.nextgov.com/nextgov/ng_20110823_2409.php?oref=topnews Via Avrom Shtern via the International Radio Report Facebook site. (Cuff-PA)

VOA Greenville B video on YouTube. <http://www.youtube.com/watch?v=BR0Wdg0rwgk> (Mike Barraclough/NASWA Yahoo Group)

ZAMBIA 5915, *ZNBC/Radio 1*, 0242-0305, August 24. Fish Eagle IS at tune/in; Choral National Anthem at 0254; Vernacular announcements at 0256; local tribal music. Weak to very leak levels. (Alexander-PA)

6165, *Radio 2*, 0248-0253, September 9. Nice to find Bonaire off the air giving this a chance to be heard for a change; African Fish Eagle IS (// 5915); seems to me they are running the IS longer than they ever did in the past. At 0401 news in English; 0406 series of IDs for "Radio 2"; into Hi-Life music. Poor. (Ron Howard-Asilomar Beach SP, CA)

Schedules, news, and other information about shortwave broadcasting activity and comments and suggestions for LN may be sent to Jerry Lineback, P. O. Box 1220, Grantham, NH 03753-1220 or via e-mail to jerrylineback@comcast.net. Please indicate in the subject that your contribution is for Listener's Notebook. Thanks for your contributions. 73s de Jerry. 

Pirate Radio Report

Mike Rohde • 2615 Willow Glen Road • Hilliard, OH 43026 • hfpirates@gmail.com

Greetings and welcome to the October Pirate Report! It looks like winter is closing in here, which I am not looking forward to. But, the good news is that of course along with winter comes (or should) improved propagation. I do live in that conundrum of hating winter but loving improved propagation.

Activity in the last month has increased as compared to the activity of the last six months. As I think back and consider the activity levels of the 2008-2010 time period I think of them as the second age of pirate radio in North America. I am sorry to say that that we are well below the average levels of that time period.

An issue has come up in the op community regarding the level of reporting from the listening community. Having said that, it is understood that it is September and everyone is out trying to enjoy the waning days of summer. However, a comparison of the levels of reporting on various websites shows that one website has many loggings of the same broadcast (as many as 10-15) where as other websites tend to show one or two loggings of any particular broadcast. As I have mentioned before, the ops work hard at producing their programs and the average production time for a prerecorded program of 60 minutes is about three to four hours. In any case the ops want to know that they are being heard; the more reports the more motivated they become. I need not mention that quite possibly the FFC has renewed its interest in HF pirates, thus putting the ops at a greater risk. So, more reporting is important to the ops and the listening community. I know that there are some political aspects to where people might report these days however, there are at least three options: the FRN site, the HF Underground site, and the Free Radio Café, not to mention the FRW mail list. So, most of the ops wish that as many listeners would post their reception reports on any

of the previously mentioned sites. For the ops, there is almost nothing worse than putting together a program, broadcasting it, and thinking that few people hear it. So let's try to support (motivate) the ops the best we can.

This time of the year it is great time to get outside and look at your antennas and feed lines to make sure that your connections are clean and dry. And make sure your antenna is ready to take what winter might have in store for it. Better now than in the middle of November.

Well, we have some logs this month and I wish to thank everyone that sent in logs. The logs are an important component of this column and we appreciate all contributions.

So, without further ado, her are the logs!

Captain Morgan, 6924.7 AM 2240-2259+ 9/5/11 SIO=242-. Prgm of very old rock oldies and a little classic rock. Occasional Twilight Zone theme music clips as is usual in their format. Poor copy with a weak level, and thus weaker than usual. I lost it altogether at 2259, although a het from the carrier was still audible. (Zeller-OH)

Captain Morgan, 6924.9 AM 0033-0108* 8/28/11 SIO=444. Prgm of classic rock mx incl Rolling Stones Start Me Up, ZZ Top Sharp Dressed Man, and similar tunes. Portions of the Twilight Zone theme song frequently mixed in as usual. ID of "You're in the Pirate Zone with Captain Morgan." Good level and easy copy. Gave captainmorganshortwave@gmail.com for repts. (Zeller-OH)

MAC, 6925 AM *0002-0054* 8/29/11 SIO=444. Old R. Prague IS at s/on, into a prgm of the Ultra Man show w/young boy ancr. Prgm of rock oldies incl Elvis, Beatles, etc. ID of "MAC, the Station that Paul Starr never listens to." Good level. Gave macshortwave@yahoo.com for repts. (Zeller-OH)

North Woods Radio: 08/05; 0025 to 0105z; 6925 USB; 24332. A mobile broadcast tonight: Smoking in the Boys Room; Were Not going To Take It? Jackpine Savage also sent a hard copy QSL for this broadcast. (Myteaquinn-OH)

Radio Ga Ga: 08/14; 1225 to 1245z; 6925 USB; 35343. Brick House; Boogie Man; Secret Agent Man; Play That Funky Music White Boy. (Myteaquinn-OH)

Renegade Radio, 6925U *0103-0200+ 9/29/11 SIO=242. Prgm of classic rock mx by Rush, Toto, Steely Dan, Steve Miller Band, and other groups. Some discussion of recent hurricane by OM ancr. Gave renegadeshortwave@gmail.com for repts. Modest level but consistently audible. (Zeller-OH)

Renegade Radio: 08/29; 0111 to 0148z; 6925 USB; 55444. Dedicated to the listeners on the east coast hit by hurricane Irene. 70's songs.

6925.1 AM PIRATE (No. Am.), **UNID,** 0457-Sept 11, pirate claiming to be live from a party at 979 Perry (? or similar) Road. Carrier is slightly unstable, hard to zero-beat but not as bad as the pros at Red Lion. Music with a heavy steady beat continued thru TOH past 0505; 0511 announcement "We're live on ---- Radio", but couldn't copy it in fade. 0512:40 a minute of dead air, 0513:40, "test 1, 2", more music including beeping past 0518 (Glenn Hauser, OK)

Tentative, **The Sullen-** 6925.1 AM 0055-0137* 8/27/11 SIO=343. Apparently a new one for me. The spelling of the ID is probably OK, since they gave at least 6 ID's, but it might be something phonetically similar. A typical ID by OM was "You are listening to The Sullen." Prgm of largely classic rock mx by The Doors, the Who, and other groups. Blow the Man Down pirate tune at close. Good level. No addr copied. (Zeller-OH)

Voice of Captain Ron Shortwave, 6925.3 USB, 0019-0030+, 09-22-11. Rock mx, Captain Ron was talking about a special QSL to be sent out for snail mail reports. SIO: 121 [Lobdell-MA]

WBOG, 6925.34, 0115-0122*, August 24.; Pop music. ID at sign off. Good signal. (Alexander-PA)

Wolverine Radio, 6925 USB, 0023-0045* 09-18-11 Classic rock tunes "Riders on the Storm" by the Doors, "Ride a White Swan" by T Rex... Brief IDs by OM between songs. Signed off with SSTV after show. Strongest pirate here in quite some time. [Lobdell-MA]

UNID, 6925.1, 0457- Sept 11, pirate claiming to be live from a party at 979 Perry(? or similar) Road. Carrier is slightly unstable, hard to zero-beat but not as bad as the pros at Red Lion. Music with a heavy steady beat continued thru TOH past 0505; 0511 announcement "We're live on ---- Radio", but couldn't copy it in fade. 0512:40 a minute of dead air, 0513:40, "test 1, 2", more music including beeping past 0518 (Glenn Hauser, OK)


UNID, 6925.0 SSB, Aug 28 at 1234, loop of "who let the dog out?" and barking, weak in noise level. Seems I have heard this before on a pirate, but can't find it previously reported. Matched a carrier on 5925 from a non-pirate, so on-frequency unlike the 6924.7 AM unID earlier. At this hour 5925 would be CNR Beijing (Hauser, OK)

UNID, 6924.7, Aug 28 at 0418 weak music from some pirate, and this off-frequency is often the spot, single transmitter? Compared it to a weak carrier from a non-pirate on 5925, presumably 5925.0, registered as Lampertheim (Hauser, OK)

QSLs

Rave on Radio- 6925 f/d Skull and Crossbones w/microphone sht in 2d for rept on FRN, despite bad misspelling of the stn name in my initial FRN rept. Thanks! (Zeller-OH)

European

Radio Powerliner, Netherlands, 6.303. Could catch bits and pieces on 6.303L MHz and heard several IDs. Off 0018. (Rohde-OH) 

Contributors' Page

Bob Montgomery • 86 Pumpkin Hill Road • Levittown, PA 19056 • rmonty23@verizon.net

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA	IC-7600, two 100' LW
Scott R. BARBOUR Jr., Intervale, NH	NRD545, MLB-1, 200' Beverages, 60m dipole
Rich D'ANGELO, Wyomissing, PA	TenTec RX340, DX Sloper
Jim EVANS, Germantown, TN	RX340, R75, 90' Wellbrook ALA100M loop
Steve HANDLER, Buffalo Creek, IL	Icom IC-7200, Yaesu FT-897D, ICF-7600 GR
Glenn HAUSER, Enid, OK	FRG-7, SW-07, YB400 random wires
Ron HOWARD, Asilomar Beach, CA	etón E-1
Victor JAAR, Longueuil, QUE	R75, longwire
William McGUIRE, Cheverly, MD	DX-380
Richard PARKER, Pennsburg, PA	51S-1-X, R390A, SE3, ant. farm
Ralph PERRY, Wheaton, IL	R8B, E1, SX100, 150' & 100' LW
Harold SELLERS, Vernon, BC	E-1 and Sony AN-1 antenna
Mark TAYLOR, Madison, WI	Winradio g313e, E1, Sat 800, Flextenna, EWE
Ed WLODARSKI, NJ	RX340, 100' lw



2000-5900 kHz


Tropical Band Loggings

Scott Barbour • P. O. Box 893 • Intervale, NH 03845 • srbjrswl@yahoo.com

- 2310 AUSTRALIA VLBA Alice Springs 1028-1035 EE; M anc'r interviewing an author; ID & nx at 1030; fair; //2485-poor; 9/11. (Wlodarski-NJ)
- 2325 AUSTRALIA VLBT Tennant Creek 1000-1005 EE; M anc'r w/ nx & discussion; poor but audible; 9/11. (Wlodarski-NJ)
- 2368.5 AUSTRALIA R. Symban 1202* Looks as if they are still on their reduced sked; 8/22. (Howard-CA) 1148-1203* Monologue in Greek; still w/ reduced sked; sig recently improved from earlier in the month; not too bad for 500 watts; 8/29. (Howard-CA) 0956-1000 M anc'r & Greek mx coming through; poor but audible; 9/11. (Wlodarski-NJ)
- 2485 AUSTRALIA VL8K Katherine 0908 Two anc'rs w/ live coverage of the Melbourne Demons vs. Richmond Tigers match up; 8/21. (Howard-CA)
- 3204.9 PNG R. Sandaun-R. West Sepik Vanimo 1020-1100 The one noted here; sig improves to 1050 peak; 8/16 & 17. (Wilkner-FL) 3205 1058-1324* Older hit iThe Lion Sleeps Tonight by the Tokens which was from a 1939 song; 1101 birdcall & nx in Tok Pisin; 1120 DJ in Tok Pisin w/ dedications for pop island songs; 1202 birdcall & nx in EE; //3365 & 3385; 1247 pop songs iWhere Do You Go, etc.; 1300 full ID; problem w/ the Port Moresby NBC National iNews Roundup audio feed so they just played filler mx until relay the National Radio C&W show until suddenly off at 1324*; almost fair; August 17 another day of above normal recep; 1138 Wednesday weekly prg w/ helpful info for teachers; when is it appropriate to suspend a student, etc. & individual messages for specifically named teachers; nx in EE re the upcoming Sept 11 cricket match w/ the theme iDon't Drink And Drivei, etc.; NBC Sandaun is now playing two different stn songs; MP3 audio: < <http://www.box.net/shared/i52ir5kb5kl87i03pxs6> > is the newest one & < <http://www.box.net/shared/e3dngxcdp651nrux80> >, which they have used for a while now; 8/16 & 17. (Howard-CA) 1255 EE ID i...station in the nationi & FM freq mentioned; 1259 W in Tok Pisin & iNBC Sandaun ID; pop song; 1303 into NBC nx in EE; good; nx also heard on //3275-S. Highlands & 3365-Milne Bay; both poor; other PNGs had already s/off or were not audible for other reasons; 8/24. (Sellers-BC) 1000-1100 F/up w/ good sig; 9/1. (Wilkner-FL)

- 3215 **USA WWCN** Nashville 0537 WWCN has finally found something to fill unsold time, languishing since the departure of Rollye James at the end of March: MORE Brother Scare!; there he is on WWCN-1 3215; // WWRB 3185 just a reverb apart, which isn't always the case w/ different stns; 8/18. (Hauser-OK)
- 3290 **GUYANA GBC** Georgetown 0920 EE; Cover for John Lennon's "Imagine" by W vocalist; oldies ballads into Caribbean mx; good opening; 8/20 & 30. (Wilkner-FL) 0850-0940 M ancr w/ lcl ancments over SC mx; pop mx; auto parts ad; birthday wishes; ID at 0934; hymn; f-g; 8/21 & 27, 9/2 & 10. (Wlodarski-NJ) 0411-0440 (P); 20 minute instrumental mx version of theme from Summer of 142 followed by smooth jazz selections; fair; 8/24. (DiAngelo-PA)
- 3309.98 **BOLIVIA R. Mosoj Chaski** Cochabamba 0930-0950 Noted here w/ strong sig; 8/19 & 9/1. (Wilkner-FL) 0831-0841 SS; S/on ancment in progress; M & W ancrs w/ brief talks between ballads; p-f; 9/5. (Barbour-NH) 3310 0926-1000 W ancr in Quecha w/ lcl ancments; piano mx; ID; fair; 9/2 & 10. (Wlodarski-NJ)
- 3325 **INDONESIA RRI Palangkaraya** 1421-1450 EZL pop songs; 1440 several clear mentions of "Palangkaraya", probably IDs; audio lvl was fine; 1430 had started f/down until unusable by 1450; nice to have them back again; Atsunori Ishida indicates this has been off since Aug 25; no sign yet of the return of RRI Ternate; 9/8 & 9. (Howard-CA)[Ishida's RRI monitoring site: <http://ri.jpn.org/> -ed.]
- 3325 **PNG R. Buka** Kieta 1023-1030 Flute mx; W ancr in Tok Pisin w/ lcl ancments; poor; 9/11. (Wlodarski-NJ)
- 3329.53 **PERU Ondas del Huallaga** Huánuco 0050;1020 The one noted here; 8/20. (Wilkner-FL) 0920-0950 M ancr en espanol; mx mix with CHU notched; good; 9/3. (Wilkner-FL)
- 3360 **PERU R. JPJ** Lima 0800-1000 Strong carrier but no usable audio; 8/27-29. (Wilkner-FL) 0710-0733 SS; (P); Continuous Andean flavored mx; weak under band noise; this is the earliest I've ever checked for this one; several days checks around 0900 turn up nothing at my locale; 8/31. (Barbour-NH)
- 3375.34 **BRAZIL R. Municipal** Cachoeira 0900 Mx & M ancr; decent sig; 8/24. (Wilkner-FL) 3375.4 0920-1005 PP; Ballad type mx; ID at 0943 followed by M ancr talking w/ listener via phone; W ancr over mx; f-g; 8/20, 27 & 9/5. (Wlodarski-NJ)
- 3385 **PNG-NEW BRITAIN R. East New Britain** 1011-1100 M ancr w/ ment. of 9/11 into discussion; pop mx; M ancr w/ TC & ID followed by a C&W tune at 1057; fair; 8/27 & 9/11. (Wlodarski-NJ)
- 3810L **ECUADOR HD2IOA** Guayaquil 0538 JBA in noise lvl I am hearing beeps every dekasecond & unreadable talk betwixt; surely it's HD2IOA Guayaquil timesigs, which I have often sought without success around this hour; last logged 3/12 at 0640; 9/8. (Hauser-OK)
- 3905 **PNG-NEW IRELAND** 1216-1248 (P); Heard again; weak w/ island pop songs & DJ; unable to make out an ID, but certainly seemed to be in Tok Pisin; J. Wilkins was also hearing them at the same time, but was only able to hear their carrier w/ no audio detected; interesting to note that it was just a month ago that they reactivated for two days only, 8/7-8; not heard at all on 9/9, so just a one day reactivation this time?; 9/8. (Howard-CA)
- 3925 **JAPAN R. Nikkei** Tokyo-Nagara 1419 Still on at this hour; believe this is rather late for them; //6055; 8/25. (Howard-CA) 1017-1020 Ballad type mx; fair; 9/11. (Wlodarski-NJ)
- 4055 **GUATEMALA R. Verdad** Chiquimula 1110 S9+15; NA is playing; started a bit late today; multi-verses finally end at 1114; chimes & s/on in SS; offering QSL, banderln; then in EE; W ancr in GG; 8/18. (Hauser-OK) 0528-0544 Continuous medley of choruses by a children's choir; 0544 an adult choir singing hymns till 0552; into many ancments; numerous IDs; address; freqs; xylophone mx; all part of closing of the b/cast; 0558 ancment in JJ; 0600 NA; p-f; 9/6. (Sellers-BC)
- 4716.6 **BOLIVIA R. Yura** Yura 0050 Noted here w/ mx; 8/20. (Wilkner-FL) 4716.63 1020-1035 The one noted here; seems regular from 0100-0230; 9/1. (Wilkner-FL)
- 4755.4 **MICRONESIA V6MP The Cross** Pohnpei 1047 EE; Gospel songs & M ancr; poor; 8/29. (Sellers-BC) 4755.44 1227-1350 Spot for James Dobson; 1231 "The Cross Radio is a ministry of Pacific Mission Fellowship"; running past 1350; someone forgot to turn off the txmitter again!; poor to almost fair; 8/30. (Howard-CA) 4755.5 0914-1010 M preacher w/ sermon; fair; 9/3 & 11. (Wlodarski-NJ)
- 4775 **INDIA AIR Imphal** 1330 "This is All India Radio. On the eve of Independence Day we now bring you her Excellency"; instrumental NA; 1331-1351 President's speech to the nation in Hindi; 1351-1409 President's speech to the nation in EE followed by NA; //4760, 4810, 4835, 4840, 4880, 4965, 4970, 5010, 5015, 5040, 9425 & (P) 9470 w/ open carrier; no audio; 8/14. (Howard-CA)
- 4775 **PERU R. Tarma** Tarma 1009-1015 SS; Andean type mx w/ M ancr talk over; good; 9/5. (Wlodarski-NJ)
- 4775 **SWAZILAND TWR** Manzini 0347-0415 M & W ancrs in listed Lomwe w/ choir vcls at 0356 & talk ending prg over mx; IS at 0358 followed by ID iGood morning, this is Trans World Radio broadcasting from Manzini, Swaziland. The following program is from our German Service followed by our English to Africa Service. This is Trans World Radio.; ancment was repeated followed by opening of the GG prg; fair; 8/26. (DiAngelo-PA)

- 4780 **DJIBOUTI RTD** Atta *0302-0303* S/on w/ NA but abruptly pulled plug after about 30 seconds; p-f; irr.; 9/3. (Alexander-PA) *0303-0350 S/on w/ lcl mx & AA talk; Qur'an at 0304-0318; more talk; African choral mx; f-g; 9/11. (Alexander-PA)
- 4789.9 **PERU R. Vision** Chiclayo 0704-0710 SS; Preacher w/ relig talk; fair; 8/20. (Wlodarski-NJ) 0938-1025 Usual prgrmg; M preacher w/ audience; good; 9/4 & 5. (Wlodarski-NJ)
- 4815 **BRAZIL R. Difusora** Londrina 0944-0950 PP; Lcl ballad type mx; fair; 9/4. (Wlodarski-NJ)
- 4815 **ECUADOR R. El Buen Pastor** Saraguro *0958-1020 SS; instrumental; s/on ancments; ID at 1011, then two ads; lcl mx at 1013; much stronger now than co-ch. Londrina; good; 9/4 & 10. (Wlodarski-NJ)[see above-ed.]
- 4820.75 **INDIA AIR Kolkata** 1334 Last noted on this off freq July 12; best in USB; 8/25. (Howard-CA)
- 4840 **USA WWCR** Nashville 0519 WWCR b/casting dead air until 0530 ID & starting some prg; filler "Golden Age of Radio" scheduled for UT Mondays only 0500-0600, so dispensable; sold half the hour?; 8/22. (Hauser-OK)
- 4885 **BRAZIL R. Clube do Par ** Belem 0655-0705 PP; Lcl mx; ID w/ freq ancments at 0700; dance type mx at 0702; good; 8/20. (Wlodarski-NJ) 0522 Brazilian mx; poor vs noise lvl; CODAR; (P) R. Clube do Par., traditionally one of the best 24h sigs from Brazil; first time audible here in months; 9/3. (Hauser-OK) 0701-0925 PP; Ballad type mx; ID at 0922 by M anc; two M ancrs w/ discussion; good; 9/3 & 11. (Wlodarski-NJ)
- 4910nf **MADAGASCAR RTV Malagasy** 1437-1444 Very strong in USB compared to weak LSB, so calling it "unbalanced double side band AM."; ex-5010; African hilife mx; possible ID at 1438; almost fair; clearly // weak 6135.27; via long path; still on this freq 9/9, so perhaps a deliberate move; MP3 audio of IDs posted at < <http://www.box.net/shared/3gffztd4tf38c66d6avc> >; 9/6. (Howard-CA) *0227-0310 Carrier + USB; S/on to lcl African instrumental mx; IS at 0227:25; NA at 0227:47; instrumental mx & ancments in listed Malagasy at 0230; Afropop at 0233; Malagasy talk; weak at s/on but improved to a fair lvl by 0243; tnx to tips from R. Howard & others; 9/10. (Alexander-PA) 0348-0416 Noted on this freq tnx to R. Howard log; M anc hosting pop mx prg w/ EE lyrics; ID at 0400 followed by diff. M anc w/ nx; more pops from 0405 w/ W anc at 0409; p-f w/ CODAR; 9/10. (DiAngelo-PA)
- 4915 **BRAZIL R. Daqui** Goiania 0910-0945 PP; Ancments & ads; ballad type mx; M anc w/ ID at 0939 followed by relig talk; f-g; 8/21 & 9/10. (Wlodarski-NJ)
- 4940 **CHINA V. of the Strait** Fuzhou 0956-1005 CC; M & W ancrs w/ long cmntary; time pips & ID at 1000; fair; 9/4. (Wlodarski-NJ)
- 4955 **PERU R. Cultura** Amauta 1035-1040 SS; Devotional mx; fair; 9/11. (Wlodarski-NJ)
- 4960 **S O TOME VOA** Pinheira 0520 Hausa w/ fair sig; 0534 carrier still on; not often audible, perhaps boosted by geomag storm w/ K-index 5 at 0300; since it's Saturday, there's no FF in the 0530-0630 gap before another daily semihour in Hausa at 07; this is 100 kW aimed 30 degrees from Pinheira; Charles Lewis, formerly at VOA, presents lots of slides of this stn, plus another album about the island of S.,o Tom  as well as VOA Kavala et al. via <http://picasaweb.google.com/s9ss160m>; 9/10. (Hauser-OK)
- 4965 **BRAZIL R. Alvorada** Londrina 0933-0945 PP; Ballad type mx; relig talk; ID at 0943 by M anc; fair; 8/21 & 9/3. (Wlodarski-NJ)
- 4970 **INDIA AIR Shillong** 1256-1315 iCountry Roads; Sunday show; W anc in EE w/ C&W songs; Kenny Rogers, John Denver, etc.; ID iNorth Eastern Service of All India Radio; 1315 into Hindi; still w/ prominent hum; 8/14. (Howard-CA)
- 4974.8 **PERU R. del Pacifico** Lima 1013-1020 SS; M anc at 1015 w/ ID followed by ballad type mx; poor; 9/5. (Wlodarski-NJ)
- 4975 **TAJIKISTAN V. of Russia** Yangiyul 1401 EE; W anc w/ ID & nx; v. poor; 8/24. (Sellers-BC)
- 4990 **SURINAME R. Apintie** Paramaribo 0900-1000 Noted w/ decent sig; M vcls at 0950; 8/27-28 & 30. (Wilkner-FL) 0937-0945 M anc in Dutch w/ ad string; relig talk; pop mx; fair; 9/3 & 10. (Wlodarski-NJ) 0846-0902 M anc w/ lengthy talk in listed Dutch; "canned" anc into choral mx at 0855; percussion/bongos at 0858 into talk over mx; ID at ToH followed by (P) ad string; weak but clear; best logged here in some time; 9/5. (Barbour-NH)
- 5010 **MADAGASCAR RTV Malagasy** Antananarivo 0229-0245 Carrier+LSB; T/in to IS; choral NA at 0230; talk in listed Malagasy at 0232; lcl Afropop mx; 8/18. (Alexander-PA) 0302-0334 T/in to iAmazing Grace; sung by choir; M anc w/ long relig talk over instrumental mx in (P) Malagasy; 0316 W anc spoke accompanied by flute mx ending relig prgrmg; ID followed by discussion w/ M & W ancrs until nx at 0330; p-f; 8/29. (DiAngelo-PA)
- 5019.9 **SOLOMON ISLANDS SIBC** Honiara 1020-1030 Noted here w/ lcl Cuban interference in brief remission; 9/1. (Wilkner-FL)
- 5025 **CUBA R. Rebelde** Havana 0211-0214 SS; Noted w/ M anc; fair; 9/3. (Handler-IL)
- 5039.21 **PERU R. Libertad** Junin 0950-1100 Regular here for last fortnight; 9/3. (Wilkner-FL) 1022-1030 SS; Local mx; W anc w/ ID over mx at 1026; fair; 9/10. (Wlodarski-NJ)

- 5040 **CUBA RHC** Havana 0509 On late in SS; so 5025-Rebelde still has its companion; 9/4. (Hauser-OK)
- 5050 **CHINA Beibu Bay Radio** Nanning 1300 Ozy Radio-Australia has not returned here yet so I have been enjoying this while they are still in the clear; pips; in CC w/ TC; multi-lang IDs, "FM 96.4 Beibu Bay Radio" & CC talk for a few minutes, something new?, before into the "B-B-R News" in Vietnamese; fair. 8/30 (Howard-CA)
- 5051 **USA WWRB** Manchester 0252-0307 Tuning through noticed them off nominal freq w/ Pastor Charles Williams doing some Bible readings; f-g; 8/17. (DiAngelo-PA)
- 5460.28 **PERU R. Bolivar** Cd Bolivar [UTC?-ed.] Noted here w/ mx; good; 8/20. (Wilkner-FL)
- 5605 **CUBA** 1121 DentreCuban Jamming Command pulsing; also on 5655; presumably spurious; no idea how they land on these channels; 8/20. (Hauser-OK)
- 5755 **USA WTTW** Lebanon 0400 World of Radio 1579 monitoring; confirmed w/ vg sig; 8/24. (Hauser-OK)
- 5765U **GUAM AFN** Barrigada 1246 AFN is back; detectable with W & W discussion; but not // NPR delayed on KOSU 91.7 w/ a different W & W interview; R. Howard says it has been absent more than present recently; 9/4. (Hauser-OK) 1226 Discussing bullying; not // KOSU w/ NPR "Week-end Edition Saturday" any more; 1228 string of PSAs & promos, including a special 9/11 show on AFN iSunday at 5i [what zone?], also for VA, USN, etc.; 1230 "We are back on Saturday morning"; M anc sounds like Lester Holt, w/ W, so probably NBC-TV "Today" show reopening on the semihour; 9/10. (Hauser-OK)
- 5770 **MYANMAR Myanmar Defense Forces BC** Taunggyi 1328 Recently I believe they have changed their format a little; at the BoH, their lcl ToH, they are no longer playing their distinctive military marching band mx; as they had for many years; is now just their usual indigenous instrumental mx; I very much miss hearing the marching band!; 8/25. (Howard-CA)
- 5860 **KUWAIT R. Farda** Umm Al-Rimam 0205 Mellow Iranian mx w/ M anc in listed Farsi; fair; //5885 Biblis-poor; 8/20. (Taylor-WI) 

5901-30000 kHz

International Band Loggings

Steve Handler • 113 McHenry Road #178 • Buffalo Grove, IL 60089 • handlersmail-naswa@yahoo.com

- 5910 **COLOMBIA R. Alcaraván** 0624 SS ID and Colombian songs. Fair. 9/6/11 (Sellers-BC)
- 5915 **ZAMBIA ZNBC/Radio 1** 0242-0305 tune-in to Fish Eagle IS. Choral National Anthem at 0254. Vernacular ancmts at 0256. Local tribal music. Weak-very weak. 8/24/11 (Alexander-PA)
- 5930 **RUSSIA R. Rossii** Monchegorsk 0922-0932 RR. M anc over lite instrumental mx; alternating M & W over mx at 0924; more of same at BoH w/ ID at 0930; fair in ECCS-LSB to null 5935-MGS. 8/24/11. Also heard R. Rossii Petropavlovsk-Kamchatsky 0925-0932 RR; M announcer w/ talk; W over piano mx at 0930 then back to M anc; fair; // 5940 (fair) & 7320 (poor)-Arman; 9/1. (Barbour-NH) Heard R. Rossii - Petropavlovsk 1135 RR. Alternating W&M ancrs (maybe news.) Fair. // 5940 - Magadan. Poor. 7320 - Magadan, 1203. Slightly ahead of // 5940. Also poor. 8/20/11 (Taylor-WI)
- 5952.47 **BOLIVIA R. Pio Doc** 0005-0122 SS talk. ID. Nice Bolivian music. Fair but must use ECCS-LSB to avoid R. Republica and jammer on high side. 8/21/11 (Alexander-PA)
- 5955 **ERITREA V. of the Broad Masses 1** - Selae Daro, 0503 M anc in Tigrina with call in. Poor. 8/23/11 (Taylor-WI)
- 5960 **PAPUA/NEW GUINEA Radio Fly** Tabubil, 1050 Country and pop songs, man in Tok Pisin, mention of Radio Fly at 1106. Poor. 8/29/11 (Sellers-BC)
- 5990 **BRAZIL R. Senado** *0859-0915 on w/Brazilian pop music. Opening PP ID ancmts at 0900. Good. 8/8/11 (Alexander-PA) Also heard 0943-1006 Brazilian pop vocals hosted by a W anc with PP talks. Jingle ID at 1001 followed by a M anc with formal ID and freq ancmt. More pop music. Fair to good. 8/22/11 (D'Angelo-PA)
- 5995 **MALI RTV Malieene/ORTM** Bamako *0555-0610 s/on with guitar IS. National Anthem at 0558. Flute IS at 0559. Opening FF announcements at 0600. Local chants at 0602. Weak to very weak with adjacent channel splatter. 8/20/11 (Alexander-PA) Also heard 0623 Indigenous song. Fair. 9/6/11 (Sellers-BC) Also heard 2303-2320 FF. Indigenous mx; lengthy talk by M anc; mx at 2310 followed by more talk; v. poor. 8/29/11 (Barbour-NH)
- 5995 **AUSTRALIA R. Australia** via Brandon 0921-0927 in Tok Pisin. Pop music. Talk by M at 0924 with ID and some EE by a second M. ID and ancmt by W at 0926 followed by more music. Good signal with little fading. 8/18/11 (Evans, TN)

- 6009.8 **COLOMBIA** *La Voz de Tu Conciencia* (Puerto Lleras) 0354-0402 SS. Slow vocal music. Talk by M at 0356. "Conciencia" mentioned at 0358. Music returned under talk at 0402. Poor to mod sig strength with fading. 8/18/11 (Evans, TN)
- 6009.9 **MEXICO** *R. Mil* Mexico City 0951-1005 SS. Pops at t/in; M announcer at ToH into martial/anthem type mx & ID ancmt at 1002; ad/string; brief announcer & back to mx; p-f w/ dramatic improvement in audio at ToH. 8/8/11 (Barbour-NH)
- 6010 **BRAZIL** *R. Inconfidência* 0135-0200 local ballads. PP talk. Weak. Poor with QRM from a tentative LV deTu Conciencia on 6009.85v. Very weak // 15189.98. 8/17/11 (Alexander-PA)
- 6020 **AUSTRALIA** *R. Australia* 1157-1200 with W anc with a story reported by a M rpt'r interviewing a W who is involved in the tracking of seven sharks that have been tagged and are being tracked by radio. 1200 ID by M w/News. Fair. // 9475-Fair, 9560-Good, 9580-Excellent, 9590-Good and 11945-Fair. 8/25/11 (Handler-IL)
- 6030 **ETHIOPIA** *R. Oromiya* Addis Ababa *0321-0352 Oromo. xylophone IS with a man announcer with ID at 0329, s/on announcements in Oromo language, another ID followed by music bridge and talk by a W anc. Into program of Horn of Africa vocals. Fair. 8/29/11 (D'Angelo-PA)
Also heard *0322-0335 Oromo. Marimba IS, repeated until opening ancmts by M at 0330. Talk by W. HOA music at 0332. Moderate sig. strength w/some fading. 8/22/11 (Evans, TN) Heard also *0322-0345 s/on with marimba IS. Opening ancmts in listed Oromo at 0330. Local Horn of Africa style music at 0332. Fair but some adjacent channel splatter. Must use ECSS-LSB to avoid noise on high side, but in the clear with R. Marti off the air on UTC Mondays. 8/8/11 (Alexander-PA)
- 6030 **CANADA** *CFVP* Calgary 0407-0420 EE. C&W ballads with ancmts by M. Very poor signal, fading in and out of the noise, increasing slightly in strength over time. R. Oromiya, dominating the freq 30 minutes earlier, had faded away. 8/22/11 (Evans, TN)
- 6055 **JAPAN** *R. Nikkei 1* - Nagara, 1142 Japanese. M with somewhat slow talk (maybe a lecture.) Poor. 8/20/11 (Taylor-WI)
- 6070 **CANADA** *CFRX* Toronto 1021 w/Ad for National Bank, "Newstalk 10-10" IDs. Fair. 8/29/11 (Sellers-BC)
- 6079.9 **BRAZIL** *R. Daqui Goiania* (tent) PP 0056-0105 M anc w/ mx & talk; (T) ID ancmt & jingle at ToH; ad string; W anc at 0102; mx at t/out; poor w/ much 6090 splash until 0100. 8/9/11 (Barbour-NH)
- 6090 **BRAZIL** *R. Bandierantes* - Sao Paulo (P), 1150 PP W anc with a prg of Brazilian country music. Poor with Caribbean Beacon missing. 8/20/11 (Taylor-WI) Also heard on 6089.95 at 2320-2325 PP talk. Poor-fair but covered by Anguilla 6090 at their 2325 s/on. // 9645.37 - fair to good. // 11925.22 - very weak. 8/20/11 (Alexander-PA)
- 6110 **ETHIOPIA** *R. Fana* Addis Ababa 0340-0354 Amharic. Slow vocal music. Talk by M at 0343 followed by HOA music at 0350. Poor to moderate sig strength with fading. Very poor parallel noted on 7210, only occasionally audible above the noise. 8/18/11 (Evans, TN)
- 6130 **TIBET** *Xizang PBS* Lhasa 2342-0002; Mx & talk in listed Tibetan; buried under band noise; indigenous mx & (P) ID at 0000; W anc w/ echo FX into alternating M & W anc; poor. //7385-good until Romania IS at 2358. 8/7/11 (Barbour-NH)
- 6134.79 **BOLIVIA** *R. Santa Cruz* 0055-0108* SS ballads. SS ancmts. Closing ancmts at 0105. S/off with Santa Cruz song at 0106. Weak. Poor in noisy conditions. 8/17/11 (Alexander-PA)
- 6145 **UAE** *Gospel for Asia-Athmeeya Yatra R.* Dhabbaya 0108-0129* M anc in listed Tamil; W anc over mx at 0112 w/ (P) contact info tho couldn't make out anything discernible; filler mx; Hindi-like mx at 0115 into M anc; mx bridge then lengthy talk; contact info at 0126 w/ (T) ment. Hyderabad; mx bridge & quick "...Gospel For Asia Radio Broadcast" in EE at 0127; W anc in vern. & wind instruments until pulled the plug at 0129; p-f & improving; 8/9. (Barbour-NH)
- 6145 **CANADA** *China R. Int'l via Sackville* 2300 EE ID, national news, report on Libya. Good. 9/5/11 (McGuire-MD)
- 6160 **CANADA** *CKZU* Vancouver 0618 "Quirks and Quarks" science program. Poor. 9/6/11 (Sellers-BC)
- 6165 **NETH ANTILLES** *R. Nederlands* via Bonaire 0000 SS w/bell chimes, ID, freq schedule and national news. Good. 8/21/11 (McGuire-MD)
- 6165 **CHAD** *RNT* *0428-0433s/on with Balafon IS. National Anthem at 0430. Fair sig at s/on but covered by R. Japan 6165 at their 0429 s/on. 8/17/11 (Alexander-PA) Heard also at 0530 FF w/news by M&M ancrs, "Bonjour", fair signal, S9+15 or SINPO 35433; in the clear once Bonaire finishes at 0527 and it's not too late for Ndjamena to propagate, and whose window will continue improving fallward. Bonaire and Portugal also occupy 6165 at 0400-0500, supposedly with a 3-minute break at 0427 when you might hear Chad for a bit if it's really on before listed *0430 in WRTH. 9/10/11 (Hauser-OK). Also heard 2144-2232* FF M anc w/ talk & hi-life mx; (P) drums & ID at ToH into nx; indigenous mx at 2215; anc w/ s/off over mx at 2230 followed by NA; p-f at best. 8/7/11 (Barbour-NH) Heard also 2220-2229:35* Afro-pop music. FF ancmts. S/

- off with National Anthem. Poor to fair. 8/24/11 (Alexander-PA) Again heard 2221-2231* FF pop vocals with M ancr at 2229 with ID and s/off ancmts followed by orchestra National Anthem. Poor-fair. 8/16/11 (D'Angelo-PA)
- 6175 **ALBANIA China R. Int'l** via Cerrik 2300 SS w/Id, mainly national news including mention of Libya. Good. 8/25/11 (McGuire-MD)
- 6189.92 **GERMANY Deutschlandfunk** Berlin-Britz 2322-2334 GG W announce at t/in; mx at 2324; M announcer at BoH into classical mx; poor but improving; 8/7/11 (Barbour-NH)
- 6190 **GERMANY Deutschlandfunk** Berlin 2344-0047 pop vocals program hosted by a M ancr w/GG talk. 3+1 time pips at ToH followed by a M ancr with ID and news. Another M ancr hosted classical music program from 0006. Poor to fair. 8/10/11 (D'Angelo-PA)
- 7110.03 **ERITREA V. of the Broad Masses of Eritrea** 0315-0335 Horn of Africa music. Vernacular talk. Fair signal strength but very weak modulation. Fair on // 7174.99. 8/11/11 (Alexander-PA)
- 7125 **GUINEA. Râif Nationale** 0539 RTG on earlier than usual, poor signal with hi-life music. FWIW, WRTH 2011 shows sign-on times via FM as 0555 weekdays, 0800 Sundays, with 7125 irregular 9/5/11 (Hauser-OK) Also heard 2215-2251* hi-life music. Indigenous vocals. Rustic tribal music. Vernacular and FF talk. Abrupt s/off. Fair. 8/24/11 (Alexander-PA)
- 7180 **ERITREA V. of the Broad Masses of Eritrea** 0333-0345 heard on this freq instead of 7175 Vernacular talk. Horn of Africa music. Fair-good. No //s heard. 9/8/11 (Alexander-PA)
- 7200 **SUDAN SRTC** *0235-0410 s/on with AA talk. Qur'an at 0241-0249. Local tribal music. Indigenous vocals. Poor to fair with occasional HAM QRM. 9/3/11 (Alexander-PA)
- 7230 **SOUTH AFRICA Channel Africa** 0518 EE news, followed by a feature. Poor. 9/6/11 (Sellers-BC)
- 7235 **OPPOSITION Voice of Peace & Democracy** (Targeting Eritrea) via Ethiopia *0356-0431* s/on w/ Horn of Africa music and Ids. Talk in listed Tigrinya at 0400. Some Horn of Africa. Poor to fair with some adjacent channel splatter. // 9559.39v - varying up to 9559.49. 9 MHz freq audible after China 9560 sign off at 0359. Mon-Wed-Fri only. 8/17/11 (Alexander-PA)
- 7245 **MAURITANIA IGIM/R. Mauritanie** 0030-0525+ seemingly 24 hour operation on this channel with AA talks, local music and long discussions, seldom IDs but if listen long enough periodic IDs can be heard. Good signal. 8/31/11 (D'Angelo-PA) Also heard at 0526 on early again with strumming music, marred by ham hets or whistles. 9/10/11 (Hauser-OK) Heard also at 0545, post-Ramadan IGIM chanting, still on the air earlier than pre-Ramadan 9/1/11 (Hauser-OK). Heard also (P) 2343. two M & W in an apparent roundtable discussion. AA. 8/27/11 (Taylor - LKSP , WI)
- 7285 **SOUTH AFRICA Sonder Grense** 0524 better than usual, and in EE! M talking about Africa, with consecutive translation by W to Afrikaans 8/22/11 (Hauser-OK)
- 7295 **FRANCE RTA** (Algeria) 0545 with nice harmonious singing, an Eid celebration? Rather than usual Qur'an, which had resumed a few minutes later. 8/30/11 (Hauser-OK)
- 7310 **OPPOSITION R. Dardasha 7** (Targeting Middle East) via Wertachtal, Germany *0300-0329* opening AA ancmts at 0300 and some Mid-Eastern style music. AA talk. Traditional AS music. ID. Fair. 8/6/11 (Alexander-PA) Also heard *0300-0329* instrumental music opening followed by M&W ancns with ID and ancmts. Mix of AA language talks, discussion with instrumental music in background and between segments. Jingle ID at 0322 and closing ID with e-mail address at 0327. Fair. 8/11/11 (D'Angelo-PA)
- 7325 **ENGLAND BBC** via Rampisham 0458, 8/21/11, in AA. W ancr, theme, "BBC", off. Fair. 8/21/11 (Taylor-WI)
- 7405 **GERMANY Bible Voice Broadcasting** via Wertachtal *0030-0034, 8/22/2011 EE& Hindi. Theme music. EE ID and opening ancmts by W. Hymn. Additional ID by W. 0033 change to relg talk by M in apparent Hindi with an EE accent. Good signal. 8/22/11 (Evans, TN)
- 7460 **PRIDNESTROVIE R. Payam-e Doost** via Kishinev *0228-0315* Faisi. open carrier w/ tones until instrumental music opening at 0230 followed by W ancr with ID and ancmnt. Long rel sounding talk by a M followed by choir type vocals at 0308. Fair. 9/9/11 (D'Angelo-PA) Heard also at 0248-0252 Farsi. M&W talking. Good signal with minimal fading. 8/22/11 (Evans, TN)
- 9355 **NORTHERN MARIANA ISLDS R. Free Asia** via Saipan 1110-1149 Lao. Weak. 9/2/11 (Handler-IL)
- 9500 **SWAZILAND TWR** 0522 EE M preaching. Poor. 9/6/11 (Sellers-BC)
- 9525- **INDONESIA VOI** 1313 fair with flutter peaking S9+22, but you wouldn't know it by listening, as it's under modulated, during "Today in History" about a plane crash; also IADs of up to five seconds at a time; 1316 onto next talk about the University of Indonesia. Reception seems to be gradually improving 9/5/11. Also heard VOI 1321-1324. At 1324 EE w/Commentary, mentions "Exotic Indonesia" so they are still doing that on Tuesdays, tentatively the RRI Bajarmasin guy's voice then heard. Very poor. 9/6/11. Both loggings via (Hauser-OK)
- 9545 **PORTUGAL Deutsche Welle** via Sines, 0630 EE News headlines ending, DW continuity, off. 8/20/11 (Taylor-WI)

- 9580 **ROMANIA RRI** via Tiganesti 0000 EE w/IS, id, "Radio Newsreel", national news and mention of China. Good. 8/14/11 (McGuire-MD)
- 9580 **GABON Afrique No. 1** via Myoabi (P) 0543, Africa Numéro Un 0543 FF ID in passing during news(?) back to only fair signal compared to inboomer yesterday 9/9/11 (Hauser-OK) Heard also 0633 FF. Ancr with correspondent report. Poor. 8/20/11 (Taylor-WI)
- 9586.69 **BRAZIL Super Rádio Deus é Amor** 0324-0335 usual PP preacher. Weak but readable. Stronger on // 11764.92. 8/11/11 (Alexander-PA)
- 9610 **OPPOSITION R. Hamada Int'l** (Targeting Nigeria) via Wertachtal *0530-0558* Hausa IS followed by M anc in Hausa with ID and opening ancmts. News mainly about Nigeria followed with various talks and discussions about Nigeria after the news. Numerous IDs during broadcast with s/ off ID and closedown ancmts at 0556 by a W anc. Fair. 8/30/11 (D'Angelo-PA)
- 9635 **MALI RTVM** *0759-0807, August 8, abrupt sign on with vernacular talk. Rustic local music. Fair in noisy conditions. Off the air at approximately 0807. I continued to monitor the freq until 0835, but never did return to the air. 8/8/11 Heard again *0800-0835 abrupt s/on w/vernacular talk. Local instrumental music. Local tribal music. Fair. 8/17/11. Both logs (Alexander-PA)
- 9660 **VATICAN Vatican R.** via Santa Maria di Galeria 0511 EE English, interview with a church official from Liberia who mentioned the Catholic radio station there, R. Veritas, supporting some kind of action by the local church. Fair, //11625 barely audible. 9/6/11(Sellers-BC)
- 9660 **UZBEKISTAN Voice Asia** (part of CVC Int'l) via Tashkent. Hindi. 1225-1245 tuned in to song in Hindi by a M singer with F background singers in progress followed by more songs, 1230 M&F talk in Hindi and more songs and talk. Fair changing to poor. 9/11/11 (Handler-IL)
- 9665 **KOREA DPR VOK** via Pyongyang (P) 1145. Usual "heroic" opera music. Good. 8/27/11 (Taylor - LKSP, WI)
- 9680 **CHINA CNR** Jammer, 1157 Alternating M&W ancrs vs. R. Taiwan Int'l in Mandarin No sign of RRI. Very good. 8/27/11 (Taylor - LKSP, WI)
- 9685 **BOSNIA Int'l R. of Serbia** via Bijeljina 0030-0100 EE s/on M anc giving Id and freq and then latest news. Followed by a program that included local Bosnian music. Excellent signal. 9/9/11 (Handler-IL) Also heard 0033-0059* EE news followed by ID and features until closedown at 0058 req. letters and e-mails and IS. VG. 8/17/11 (D'Angelo-PA)
- 9690 **INDIA AIR** 1405 EE. M with sports including tennis results. Fair. 8/24/11 (Sellers-BC)
- 9695 **JAPAN R. Japan** via Yamata (P) 1254 Japanese traditional music. Announcer in Vietnamese. Fair. 8/27/11 (Taylor - LKSP, WI)
- 9700 **BULGARIA R. Bulgaria** 0100 FF w/IS, Id, freq schedule, national news. Good. 8/14/11 (McGuire-MD)
- 9704.99 **NIGER LV du Sahel** 2101-2303* audible after Ethiopia 9705 s/off at 2101. Vernacular talk. Rustic indigenous vocals. Qur'an at 2257. Short flute IS at 2301 followed by National Anthem. 21 second test tone at 2303 and off. Weak but readable at 2101. Improved to fair to good levels by 2215. 8/29/11 (Alexander-PA)
- 9705 **ETHIOPIA R. Ethiopia** *0258-0315 s/on with short IS on electronic keyboard and opening ancmts. National Anthem at 0259. Gongs at 0300 followed by Amharic talk. Possible news. Local Horn of Africa pop music at 0303. Fair. 8/31/11 (Alexander-PA) Heard also at 2056-2100* Vernacular; Up-beat mx & Afropops; W announcer between techno mx bits at 2057; M anc w/ s/off & NA; fair; 8/7/11 (Barbour-NH) Also heard 0320-0410 M anc with talk in Amharic followed by Horn of Africa vocals. M w/news at 0330. More HoA vocals after news followed by ID and ancmts at 0359. Gongs at 0400. Fair to good. 8/25/11 (D'Angelo-PA) Heard also at 2045-2101* local Horn of Africa style music. Amharic ancmts. Possible news at 2056. S/off with National Anthem at 2059. Fair. 8/29/11(Alexander-PA)
- 9705 **NIGER La Voix du Sahel** Niamey 0553-0604 FF. Talk by M&W. Ancmts by W at 0600, then West African pop music. Poor to moderate sig strength with some fading, improving over time. Weak co-channel R. Ethiopia heard at times. 8/18/11 (Evans, TN) . Also heard 2101-2143 FF Audible after Ethiopia s/off w/ continuous format of M anc w/ lengthy talks between bits of vcls chants by same; fair at best. 8/7/11 (Barbour-NH) Heard on 9704.99 at 2200-2258* vernacular talk. Local chants. Indigenous vocals. Local tribal music. Qur'an at 2253. Short flute IS at 2256 followed by National Anthem. Five second test tone at 2258 and off. Fair to good. 8/6/11 (Alexander-PA)
- 9710.03 **ETHIOPIA V. of the Broad Masses of Eritrea** 0320-0335 Horn of Africa style music. Vernacular talk. Fair level but very weak mod. Fair on // 7174.99. 8/30/11(Alexander-PA)
- 9725 **TAIWAN Star-Star Radio "XingXing guangbo diantai"** (presumed) 1318 numbers station Chinese YL with 8 tonal syllables between pauses. Poor. Aoki as only 10 kW, non-direxional, daily for a semihour at 0500, 0600, 1200, 1300, "XingXing guangbo diantai 3" for the first two and "XingXing guangbo diantai 4" for the last two from site Kuanyin with "Random numbers" --- well, they aren't really random if they have coded significance! They could be random if this is just an exercise in deception 9/9/11 (Hauser-OK) (Glenn-the New Star Radio Broadcasting

- Station, also called the Star Star Radio (Enigma organization assigned designator V13) appears to have multiple services/programs. Example XingXing guangbo diantai 3 and XingXing guangbo diantai 4. Other reported freqs include 8300, 11430m/13750 and 15388.-ed.)
- 9745 usB **BAHRAIN R. Bahrain** (tentative) 0021-0143 Middle Eastern music hosted by a M ancr with AA talks. Very poor. 8/12/11 (D'Angelo-PA) Also presumed 0250-0300 AA Koran recitation by M or speech resembling such. Very poor signal, fading down into the noise most of the time. Just enough high side interference from the BBC starting at 0300 to make further reception impossible. 8/13/11 (Evans, TN) Heard 2357-0020 carrier + USB. Audible after Romania 2357 sign off. Local Mid-Eastern style music. Local chants at 0002. AA talk. Local pop music. Poor to fair. 8/4/11-8/5/11(Alexander-PA)
- 9755 **ROMANIA RRI** via Galbeni 2100 SS w/IS, id, freq schedule, national news. Fair. 8/25/11 (McGuire-MD)
- 9760 **CYPRUS Cyprus BC** 2222-2230 Greek. Talk by W, joined by M at times. Good signal with minimal fading. Much weaker parallel noted on 7220. 8/19/11 (Evans, TN)
- 9790 **CANADA China R. Int'l** via Sackville 0101 EE w/nat'l and regional news and report on Iraq. Good. 8/27/11. (McGuire-MD)
- 9800 **SRI LANKA R. Nederlands** 1413 EE "Earth Beat" program. Fair. 8/24/11 (Sellers-BC)
- 9800 **RUSSIA VOR** 2200 w/Id, nat'l news, report on Libya . Good. 8/27/11 (McGuire-MD)
- 9815 **CHINA CNR** Jammer (P), 2332 Alternating M&W ancns in Mandarin. (No target listed that I could find.) Good. 8/27/11 (Taylor - LKSP, WI)
- 9820 **CHINA V.O. Beibu Bay R. Nanning** (tent) 1228-1235 with W talking, very much sounded like listed Vietnamese. Weak signal would have been readable but troubled by super wideband splatter from R. Marti Greenville on 9805. 8/15/11 (Parker-PA)
- 9820.03 **ERITREA V. of the Broad Masses of Eritrea** 0315-0330 Horn of Africa music. Vernacular talk. Some Mid-East style music. Poor to fair. // 9730.03-weak mod. // 7174.99 - fair to good. This station seems to change their 9 MHz frequencies almost daily. 8/31/11 (Alexander-PA)
- 9830.03 **ERITREA V. of the Broad Masses of Eritrea** 0304-0315 vernacular talk. Horn of Africa music. Fair. // 7174.99 - good. No other//s heard. 9/3/11 (Alexander-PA)
- 9835 **MALAYSIA-SARAWAK Sarawak FM/RTM** Kajang 1036 M & W ancns in listed Malaysian; passing ment. of Malaysia over mx at 1038; (T) jingle & ad/string; poor; 8/9/11 (Barbour-NH) Also heard 1221-1227 in Malay with slow pops, W & M ancns sigs to 20db. Poor-fair on ancns and fair-good on music. 8/15/11 (Parker-PA) Heard also 1121-1203 Pop ballads in listed Malay w/ W ancr between selections. Qur'an chants from 1150 w/ occasional W ancr talk. AA sounding talk at 1202 into a snippet of AA mx; back to Malay ballad at t/out; no discernible ID noted; poor-fair. 8/29/11 (Barbour-NH) Also heard at 1146, Qur'an. Possible //11665 had only a JBA signal at 1147 and during the next hour the usual Chinese radio war, het burying anything from Malaysia. Fair. 9/8/11(Glenn Hauser,-OK)
- 9840 **JAPAN R. Japan NHK World** 1000 EE s/on following IS and time pips, no ID just "We bring you the news." which was read by M&W. Good. 8/29/11 (Sellers-BC)
- 9870 **INDIA AIR** VBS Bengaluru 1255 was enjoying the music from AIR VBS, only fair reception from Bengaluru at 35 degrees, but after 1300 ruined by CRI English, which HFCC shows co-channel at 13-16, 200 degrees from Xi'an, to SE Asia, take that! Also listed on 9870 is DRM from Moscow at 13-18, but not heard here 8/26/11 (Hauser-OK)
- 9890 **THAILAND R. Thailand** 1230 EE s/on M&W w/prg lineup, news. Very poor. 9/5/11 (Sellers-BC)
- 9920 **ALASKA KNLS** Anchor Point 1110 CC Ballad & W ancr w/ URL & talk; battling for dominance w/ co-channel FEBC Bocaue featuring M ancr w/lengthy talk in unid language; fair w/ constant "siren" effect heard throughout. 8/23/11 (Barbour-NH)
- 9920 **PHILIPPINES FEBC** via Bocaue 1205-1215 presumably in listed Hre. W singing hymn followed by long talk by M. 10-20db signal. Fair-good. 8/15/11 (Parker-PA)
- 9975 **GUAM KTWR TWR** 1157-1200* presumably in listed Nosu Yi. M&W talking, a few notes of upbeat Asian music and brief ancm by M before s/off. Signs to only 10db but in the clear and Fair-good. 8/15/11 (Parker-PA) 1231, TWR IS, then "KTWR, Agana" in English, opening Chinese. Clear except for some jammer bleed from 9965 Cuban grind 8/25/11 (Hauser-OK)
- 10300 **CHINA/TAIWAN Firedrake** 1257 mixing with Chinese talk. Firedrake off at 1300* revealing what must be *Sound of Hope*, but very poor signal. Ron Howard says SOH typically has very long monologues lacking IDs on he hour; that helps distinguish it from CNR1 jamming with its super-hype, commercials, and music 8/21/11 (Hauser-OK)
- 11500 **TAJIKISTAN VOR** 1250-1305 with F presenter interviewing M by phone. At 1258 M id "This is the Voice of Russia World Service. For more info visit our web site gave English email address followed by pips. At 1259 tone silence tone tone silence tone etc. At 1300 F "This is the Voice of Russia World Service" and she gave email address followed by another F in EE w/news. Good. 9/6/11 (Handler-IL)

- 11520 **TAIWAN Family R. Int'l** via Paochung (P), 1316, EE M with Bible teaching (not Br. Camping.) Poor. 8/21/11 (Taylor-WI)
- 11530 **OPPOSITION Voice of Mesopotamia** (Target Kurdistan) via Ukraine *0400-0430 s/on with National Anthem. Local Kurdish music at 0403. Indigenous vocals. Poor to fair. 8/16/11 (Alexander-PA)
- 11535 **TAIWAN Family R. Int'l** via Paochung 1200* heard s/on with Family Radio music then F anc in Mandarin followed at 1201 with relig. music. Fair-good. 9/3/11 (Handler-IL)
- 11590 **KUWAIT R. Free Asia** 1523 in Tibetan w/M&W talking. Weak signs to only 10db but in the clear and good. 8/14/11 (Parker-PA)
- 11605 **CHINA CNR-1** 1237 Mandarin M&F ancrs with talk and musical segways. Apparently China using CNR-1 to jam/interfere with R. Free Asia's scheduled Tibetan broadcast registered with the HFCC for this time/freq (not heard). 9/4/11 (Handler-IL)
- 11665 **CHINA CNR-1** 1235 Mandarin M&F presenters with talk and musical segways. Apparently using CNR-1 to jam/interfere with R. Taiwan Int'l's Mandarin prg scheduled for this time/freq (not heard). CNR-1 broadcast on this freq was about a second behind their broadcast on 11605. 9/1/11 (Handler-IL)
- 11670 **INDIA AIR GOS** via Bengaluru 2106-2200. EE 2106 w/M presenting commentary talking about worldwide economic development. Followed at 2109 by classic music and another commentary. At 2129 GMT more classical music sung by a male singer followed until 2159. During the broadcast the female announcer identified several times as the General Overseas Service of All India Radio. Good. 9/8/11 (Handler-IL) Also heard 2200 ID in EE, poor, but a beneficiary of the vanished Venezuela service via Cuba 8/20/11 (Hauser-OK)
- 11690 **OPPOSITION R. Okapi** (UN sponsored radio Targeting Congo) via Meyerton, S. Africa. 0425-0433 FF. Talk by M. Music at 0429. Talk by W&M at 0432. V. poor sig w/some fading. Str. increased sli over time. 8/22/11 (Evans, TN) Heard also at 0451-0459* FF pop vocals until a W anc spoke in French with ID and ancmts prior to carrier being terminated. Poor to fair. 9/8/11 (D'Angelo-PA)
- 11700 **BULGARIA R. Bulgaria** 0100 FF w/IS, Id, freq schedule and nat'l news. 9/4/11 (McGuire-MD)
- 11710 **CHINA/KOREA DPR CNR-1** via Beijing xmtr 1205-1208 Mandarin. M&F presenters also with child voice during broadcast. Good signal. This appears to be an actual CNR-1 broadcast and not an attempt to jam another stn. CNR-1 freq/time registered with HFCC. **VOK** in Korean underneath CNR-1 weak and // to 11735. 9/3/11 (Handler-IL)
- 11710.5 **ARGENTINA RAE** 0218-0307 tango music followed by M anc in EE discussing news headlines. 2+1 time pips at 0230 as M continued speaking. More tango music followed by several IDs and talk by a M&W. Closedown followed by IS at 0258 until 0300 when a series of multi-lingo IDs were heard followed by the FF prg. Poor to fair. 8/13/11 (D'Angelo-PA)
- 11735 **KOREA DPR VOK** 1207-1212 Korean. M&F ancrs w/talk. Fair. //11710. 9/3/11 (Handler-IL)
- 11755 **ASCENSION BBC** (site presumed not listed here at this time) 0515-0530 in EE talk about Mubarak's trial, increase in US debt ceiling, and the beautiful artistic people who OD on heroin in the Chelsea Hotel. Into Network Africa at BoH. 60B signal. Exc. 8/3/11 (Parker-PA)
- 11710.6 **ARGENTINA RAE** 0238-0308 EE prg with IDs and "DX Special" prg and some tango music until 0255 IS and multi-lingo IDs. FF language prg opened at 0300. Fair. 9/8/11 (D'Angelo-PA)
- 11785 **THAILAND/CHINA VOA** via Udon 1215-1220 Mandarin news w/short EE sound bites. **CNR-1** Mandarin underneath w/apparent attempt by China to jam/interfere with the VOA's Mandarin prg which is registered for this time/freq with HFCC. VOA-Good, CNR-1-Fair. 9/3/11 (Handler-IL)
- 11820 **OMAN BBC** via Al Seela 0457 AA many mentions of Mubarak and BBC. 60Db sig. Excellent. 8/3/11 (Parker-PA)
- 11820 **SAUDI ARABIA BSKSA** 2100 AA w/pips, Id, mainly nat'l news. Good, 8/27/11 (McGuire-MD)
- 15540 **KUWAIT R. Kuwait** 1800 w/Id, NA, freq schedule and prg "Under the Umbrella if Islam". Good. 8/27/11 (McGuire-MD)
- 11825 **CHINA CNR-1** 1245-1247 Mandarin Prg w/apparent attempt to jam/interfere with the VOA's scheduled Mandarin Prg via Tinang, Philippines (unheard) which is registered with the HFCC for this time/freq. VOA-Poor, CNR-1-Fair. 09/04/11 (Handler-IL)
- 11855 **CYPRUS BBC** via Limassol 0352 in Persian with talks. 50 db sig. Exc. 8/3/11 (Parker-PA)
- 11870 **ALASKA KNLS** 1014 EE w/M mentioning the Bible, W with ID, song. Poor. 8/29/11 (Sellers-BC)
- 11870 **PHILIPPINES R. Veritas** 1328, jazz music on trumpet with baffle, soon ID in EE as "Radio Veritas Asia; stay tuned for a broadcast in Hindi which follows at 1330 UTC on 11.87 MHz in the 25 meter band"; 1329 ID in that language, 1330 IS, and theme, Hindi talk. 8/25/11 (Hauser-OK)
- 11880 **ROMANIA RRI** via Galbeni 2033-2036 EE news w/W anc. At 2036 sports and news headlines. Id by M at 2037 "This is Bucharest Radio Romania International." Followed at 2037 by Inside Romania Prg w/W anc. Good. //11940-Fair and 13800-Good. 8/28/11 (Handler-IL)
- 11895 **ROMANIA RRI** via Galbeni 0345 EE news items sandwiched between upbeat musical bridges. 70 db sig and Exc. Audio. 8/3/11 (Parker-PA)

- 11905 **SRI LANKA SLBC** *0020-0100 s/on with local drums. National Anthem at 0021. More drums and local music at 0022. Opening Hindi announcements at 0025 followed by religious recitations and Hindi chants. Local music at 0030. Hindi vocals. Fair. 8/21/11 (Alexander-PA)
- 11920 **IRAN VOIRI / V.O. Justice via Sirjan** 0343 EE w/news, Qur'an chants, musical bridges. Good 60 db sig, ancrs audio slightly muffled. 8/3/11 (Parker-PA)
- 11935 **NETH ANTILLES R. Japan** via Bonaire 0333 in JJ with game show contestant interview. Wallowing 90 db sig. Exc. 8/3/11 (Parker-PA)
- 11940 **IRAN VOIRI** Kamalabad 0330 in Dari M talking with Jazz music interlude. 70 db sig w/breath-taking hi-fi audio. Exc. 8/3/11 (Parker-PA)
- 11945 **AUSTRALIA R. Australia** via Shepparton 1016 EE news headlines into news. Fair, //9580. 8/29/11 (Sellers-BC)
- 11945 **OPPOSITION Hamada R. Int7** (Targeting Nigeria) via Wertachtal, *1929-1958* open carrier followed by IOD, brief music into Hausa language program of news, news features, remote reports and interviews. Several IDs at 1957 and contact information. Carrier cut while another man began more features. Fair but noisy conditions. 8/13/11 (D'Angelo-PA)
- 11965 **ENGLAND Deutsche Welle** via Rampisham 0327 in Swahili with talks. 60Db sig Exc. 8/3/11 (Parker-PA)
- 11970 **FRANCE R. Japan-NHK World** via Issoudun, 0506 EE M&W w/news. Fair, //6110 via Sackville, Canada. Good. 9/6/11 (Sellers-BC)
- 11990 **CHINA CNR-1** 1248-1250 Mandarin Prg broadcast apparently attempt to jam/interfere with the VOA's scheduled Mandarin broadcast via Saipan, Northern Mariana Islds (unheard) which is registered with the HFCC for this time and freq. 9/4/11 (Handler-IL)
- 11995 **UAE BBC** via Dhabbaya 0323 in Urdu, interviews of children. 40 db sig. Good. 8/3/11 (Parker-PA)
- 12005 **TUNISIA RTV Tunis** via Sfax 0319 in AA, M&W telling story with AA music. 70Db sig. Exc. 8/3/11 (Parker-PA)
- 12020 **VIETNAM Voice of Vietnam** 1232 EE w w/news. Poor, //9840 fair. 9/5/11 (Sellers-BC)
- 12065 **PHILIPPINES R. Netherlands** via Tinang 1027 EE "Earthbeat" discussing arsenic. Poor. 8/29/11 (Sellers-BC)
- 12085 **MONGOLIA V. of Mongolia** (tent) 1029 Musical IS repeated, 1030 piece of music, possibly an anthem, followed by a speaker. Just above threshold. Needs more checks. Very weak. 8/29/11 (Sellers-BC)
- 12140 **NORTHERN MARIANA ISLDS R. Free Asia** 1230-1245 Khmer M ancr. Fair. 8/26 (Handler-IL)
- 12150 **PHILIPPINES VOA** via Tinang EE 1403 surprised to hear VOA Yankee Doodle Dandy at this odd hour, signing off late? Ended at 1403:30, carrier stayed on. At 1407 I realize that it's still on and now modulating in English. So it was a late sign-on, not -off. 9/9/11 (Hauser-OK)
- 13775 **RUSSIA VOR** via Petropavlovsk-Kamchatsky 0457 EE recipe, 0459 ID and sked. Fair. 9/6/11 (Sellers-BC)
- 13830 **CHINA CNR-1** at 1250-1254 Mandarin M&F presenters with talk and short voice sound bites of others, occasional child voice and musical snippets. Apparently using CNR-1 to jam/interfere with R. Free Asia's Tibetan broadcast (not heard) which is scheduled and registered with the HFCC for this time and freq. // same thing 15670. 9/4/11 (Handler-IL)
- 15075 **INDIA AIR** via Bengaluru 0237-0250 Kannada (per schedule). Hindi music. Talk by W over music at 0250. Good signal, the strongest this year on 15075. Parallel noted on 11985 (also Bengaluru) with similar strength, but less atmospheric noise. 8/13/11 (Evans, TN)
- 15115 **CHINA/THAILAND CNR-1** 1300-1305 Echo jamming (two audio feeds of the same broadcast offset by time to create an echo effect) using their Mandarin Prg w/M&F presenters apparently being used to interfere or jam the Mandarin broadcast of the VOA via Udon VOA is registered with HFCC for this time and freq. CNR-1 on top and VOA underneath. 8/31/11 (Handler-IL)
- 15145 **SRI LANKA R. Free Asia** 1230-1245 Khmer. M ancr. Fair. 9/2/11 (Handler-IL)
- 15160 **AUSTRALIA R. Australia** via Shepparton 0508 Interview about travels in PNG by the former PNG Prime Minister, Sir Michael Somare. Fair. 9/6/11 (Sellers-BC)
- 15180 **KOREA DPR VOK** via Kujang 1005 EE to LA. W w/news of cultural event between DPRK and Russia. Fair, //11710 very good, and also //11735 beamed to Asia, fair. 8/29/11 (Sellers-BC)
- 15189.96 **BRAZIL R. Inconfidenci** 0045-0115, heard after WYFR 0045 s/off. PP talk. Local ballads. Weak but readable. Weak with adjacent channel splatter on // 6010. 8/30/11 (Alexander-PA)
- 15250 **CHINA CNR-1** 1204-1206 Mandarin. F ancr with child like voices some short music (10 sec) and talk. Apparently CNR-1 is being used to interfere or jam the VOA's Mandarin Prg via Tinang, Philippines which is scheduled for this time and freq. VOA not heard. Fair. 8/30/11. (Handler-IL)
- 15275 **THAILAND R. Thailand** *0000-0029 s/on w/opening EE ID ancrts. EE news at 0202. Ad for Bangkok Airways. Ad for local restaurant. Talk about US politics. Fair to good but only a threshold signal at 0029 when they switch antenna beam headings from E to WNA. 8/21/11 (Alexander-PA)

- 15280 **CHINA Firedrake** musical jammer 1307-1310 jamming an unidentified target. In addition to the Firedrake musical jammer a second jammer presumably affiliated with Firedrake was broadcasting a buzzing sound. Between the two it was quite a racket. Also unusual for Firedrake to be on the air this soon (+07) after the ToH. 8/30/11 (Handler-IL)
- 15290 **CHINA Firedrake** Musical Jammer 1322. Good signal. Very un-common Firedrake freq, unable to determine possible target. 8/26/11 (Handler-IL)
- 15285 **SINGAPORE BBC** via Kranji 1155-1159* "From Our Own Corespondent Program" over at 1159 with BBC promo. Abrupt s/off 1159. Fair. 8/30/11 (Handler-IL)
- 15410 **OPPOSITION R. Y'Abaganda** (Targeting Uganda) via Issoudun, France. *1700-1715* sign on with local African music. Choral anthem at 1702. Talk at 1702:30 in listed Swahili. Mentions of Abaganda. Local tribal music at 1710. Abrupt sign off. Poor in noisy conditions. Sat only. 9/8/11 (Alexander-PA) Also heard 1711-1714 Swahili. Talk by man. Poor signal with increasing QRN from approaching thunderstorms. 8/20/11 (Evans, TN) (Jim & Brian the QSL via email-ed)
- 15425 **CHINA Firedrake** musical jammer 1345-1359* apparently jamming the Voice of Tibet's scheduled Tibetan broadcast via Dhabbaya, UAE (not heard). In addition to the Firedrake jamming a second jammer presumably affiliated with Firedrake was broadcasting a buzzing sound. I had checked this freq about five minutes prior to 1345 and nothing was heard. 8/30/11 (Handler-IL)
- 15344.13 **ARGENTINA RAE** 2335-2356* local ballads. SS talk. ID at 2345. IS at 2355. Weak but readable. // 6059.99 -weak, poor with adjacent channel splatter. 8/17/11 (Alexander-PA)
- 15540 **KUWAIT R. Kuwait** 2005-2059 EE M announced a Prg entitled "Behind the Pearl of the Gulf" a Prg about Bahrain's past present and future. M&W presenters w/prg about the History of the Post Office and Postal service in Bahrain. This was followed by about 38 minutes of music with a number of different songs. Followed by the news, some more songs an then a sign off. There were several ids between 2050 and 2059 EE sign off. VG sig. 8/28/11 (Handler-IL)
- 15580 **SAO TOME VOA** 1455 EE M ancr. 1458 carrier off mid music, not typical VOA s/off. Sch. Shows EE till 1600. As of 1503 not back on. 8/27/11 (Handler-IL)
- 15610 **ROMANIA IRRS**, 1259-1400*, tune-in to classical music. EE IRRS ID at 1300. One minute of dead air and into lite instrumental music at 1301. FF talk at 1307, but into EE at 1308 with "In History" program. Prg at 1310 about music. "Forum" prg at 1323 about California's "Three Strikes and Your Out" law and their criminal justice system. IRRS ID and contact information at 1359. Fair signal but mixing with WEWN at their 1359 s/on. No Brother Stair and his Overcomer Ministry prg today. 8/30/11 (Alexander-PA)
- 15670 **CHINA CNR-1** at 1247-1254 Mandarin M&F and Child voice presenters with talk and short musical snippets and voice sound bites of others. Apparently China using CNR-1 to jam/interfere with R. Free Asia's Tibetan broadcast (not heard) that's registered with HFCC for this time and freq. // 13830. 9/1/11 (Handler-IL)
- 15760 **CHINA Firedrake** Musical Jammer 1322. un-common Firedrake frequencies, presumed target is the Sound of Hope. Signal gone at 1331 when I checked again. Extremely Strong. 8/26/11 (Handler-IL)
- 15795 **CHINA CNR-1** 1232-1234 Mandarin Prg M&F announcers apparently being used to jam All India Radio's Mandarin prg on this freq (not heard). 8/21/11 (Handler-IL)
- 17510 **ROMANIA RRI** 1141 EE talk about an authoress who had succeeded after being abused; OSOB as 16m had not really opened up yet, nor even 19m. RRI continues to amaze with its ability to get thru when other stations do not. By 1207 when RRI was off, 16m had opened up with lots of other signals. 8/20/11 (Hauser -OK)
- 17725 **LIBYA V. of Africa** 1404-1415 EE news at 1405-1406. IDs at 1406-1408. Local drums. Local African music. Weak, but readable. 8/11/11 (Alexander-PA)

Hello All-

I want to thank this month's contributors for supporting the column. I think that the common format adopted by Tropical Loggings, International Loggings and the Flashsheet will make it easier for all of the members. In case you are wondering, I try to list different broadcasters using the same frequency in time sequence. I also try to use time sequence for multiple loggings of the same station on the same frequency by multiple contributors. If you have any comments, please drop me an email or letter. Until next month, Good Dx-Steve Handler

SW

Company Store

Jim Strader KB1KYW • 74 Miller St. • Middleborough, MA 02346-3216 • jimstrader@msn.com

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

Publications

Shortwave Listening Guidebook by Harry Helms. A beginners guide to shortwave listening covering equipment and more.	\$19.95 +4.60 s/h US +8.00 s/h Can.
Joe Carr's Receiving Antenna Handbook A guide to high performance receiving antennas from longwave to HF and VHF.	\$19.95 +4.60 s/h US +8.00 s/h Can.
Joe Carr's Loop Antenna Handbook Comprehensive but readable guide to understanding and building loop antennas.	\$16.50 +4.60 s/h US +8.00 s/h Can.
Radio Monitoring: the How-to Guide by Skip Arey. Guide for new listeners to MW, HF, VHF and above.	17.95 +4.60 s/h US +8.00 s/h Can.
World Radio and TV Handbook 2010 Long considered to be the bible for shortwave listeners.	\$26.90 +4.60 s/h US +8.00 s/h Can.
Fine Tuning's Proceedings Reprint Catalogs Complete list of articles from this hobby classic. Choose from 1) 5 page version with article titles or 2) 20 page version with article abstracts.	1) \$2.00 ppd 2) \$5.00 ppd
The World QSL Book Gail Van Horn's new CD-delivered book (PDF format) about all aspects of QSLing.	\$18.00 +3.00 s/h US +6.00 s/h Can.
1947-1958 or 1959-1970 WRTH CD CD compilation of the 1947 to 1958 or the 1959 to 1970 WRTHs.	\$60.00 ppd
WRTH CD Set Both WRTH CDs for a special price	\$99.00 ppd
NASWA Country List and Awards Program Booklet	\$3.00 PP US \$5.50 elsewhere
NASWA Coffee Mugs 11 oz. white mug with the club logo on two sides. Return of a favorite with the club logo in NASWA blue.	\$5.50 +5.50 s/h US +10.00 s/h Can.
NASWA Ball Caps NASWA blue ball cap with velcro closure and NASWA logo embroidered on the front	\$12.00 \$4.60 s/h US \$8.00 s/h Can.

Please make all checks payable in U.S. funds to "The NASWA Company Store".



North American Shortwave Association
45 Wildflower Road
Levittown, Pennsylvania, 19057

ISSN 0160-1999



The Journal of the
North American Shortwave Association

Executive Director: Richard A. D'Angelo, 2216 Burkye Dr., Wyomissing, PA 19610
Publisher/Business Manager: Bill Oliver, 45 Wildflower Road, Levittown, PA 19057
Executive Council: Jerry Berg, Ralph Brandt, Dr. Harold Cones, Richard Cliff, Rich D'Angelo, Alan Johnson, Bill Oliver

EDITORIAL STAFF

Managing Editor: Phil Handorf, Cones, 2 Whims Court, New Hope, PA 19387
Desktop Publishing/Graphics: Ralph Brandt, PO Box 491, Lincroft, NJ 07738
Easy Listening: Richard Cliff, 42 North 37th Street, Allentown, PA 18104
Shortwave Center: John Fillogiozzi, 45 Algonquin Rd., Clifton Park, NY 12065
Technical Topics: Viccaro
Equipment Reviews: Alan Johnson, N4LLJ, 52490 5th Avenue, Reno, NV 89509
Antennas: Don Adams, Dr. Adrian M. Peterson, Box 29235, Indianapolis, IN 46229
NASWA Awards: Gary R. Neal, 4866 N. Wyrndham Rd., Wichita, KS 67219-5501
Listener's Notebook: Al Quaglietta, PO Box 888, Albany, NY 12201-0888
Pirate Radio Report: Chris Lobbell, PO Box 146, Stoneham, MA 02180-0146
QSL Report: Sam Barro, 78 Blakeman Rd., Thomaston, CT 06787

Scoreboard: Gary R. Neal, 4866 N. Wyrndham Rd., Wichita, KS 67219-5501

Kim's Column: Dr. Kim Andrew Elliott, 5001 25th Street North, Arlington, VA 22207

Distributing Editor: Bob Montgomery, PO Box 1438, Levittown, PA 19058

Tropical Band Logging: Dan Ferguson, 4205 Friend-Field Tracer, Little River, SC 29566
Ham Radio Band Logging: Bill Ke C. Treibel, 357 N.E. 148th St., Sandusky, WI 54915

English Schedule: Mike Barracough & WDXC, 39 Solterhot Hall, Leckworth garden, City, Hertfordshire SG6 3PW, United Kingdom

The Company Store: Jim Strader, KB1KYW, 74 Miller Street, Middleborough, MA 02346-3216

MEMBERSHIP FEES:

United States (First Class Mail) \$31.00
Canada (First Class Mail) \$34.00
Overseas (U.S. Air Mail) \$54.00
South America and the Caribbean \$54.00
Asia and Africa

All remittances must be in U.S. funds and mailed to:

NASWA
45 Wildflower Road
Levittown, PA 19057
U.S.A.

NASWA Web: <http://www.naswa.net/>



FIRST CLASS MAIL

First Class Mail
U.S. Postage
PAID
Levittown, PA
Permit No. 319