

The **NASA** Journal

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Radio Free Asia[®]
Technical Operations

RADIO FREE ASIA RELEASES OLYMPICS QSL CARD JULY 2008

Radio Free Asia announces its 22nd QSL card that is scheduled for distribution for all confirmed reception reports dated July 1 to August 31, 2008. This QSL card celebrates the XXIX Summer Olympic Games in Beijing, China which will be held August 8-24, 2008. The Games have always brought people from around the world together in peace to respect universal moral principles. The card shows the graphic of Radio Free Asia's pin, as created by RFA's Brian Powell, which will be used by our reporters at the Games.



RFA's QSL card commemorating the 2008 Summer Olympiad in Beijing, China.

Quality Equipment From Universal Radio

ApexRadio SPL-2

The SPL-2 allows two shortwave receivers to be connected to one antenna without interaction and with minimal signal loss. A very high degree of isolation (over 30 dB) between both receivers ensures that each receiver can be tuned and operated as if it were connected to its own antenna. The SPL-2 can also be used in reverse. That is, as an antenna combiner for two antennas to one receiver. This device is operational from 1 MHz to 650 MHz. This is a passive (not amplified) device. The SPL-2 uses three SO-239 jacks. **SPL-2 Order #5043 \$119.95**



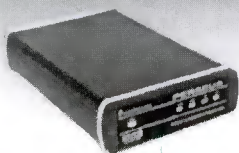
ApexRadio 303WA-2

The Apex Radio 303WA-2 is a quality passive receiving antenna providing coverage from 30 kHz to 30 MHz. The antenna is designed for areas where space is a problem or when an unobtrusive installation is essential. The small size and relatively lightweight design is ideal for installation in a confined space such as apartment balcony. Since the 303WA-2 is passive it provides superior low noise performance, free of cross and inter-modulations. The 303WA has a "U" bolt metal fitting that will require a short stub mast (not supplied). The mast diameter can be 0.4 to 1.9 inches. The antenna has a total height of 6 feet. It comes with a pre-assembled 30 foot length of cable with a PL259 plug to connect to the antenna base and a BNC plug for your radio.



Order #1026 \$119.95

PERSEUS SDR Direct Sampling HF-Receiver



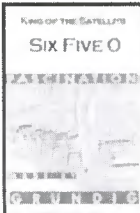
The Microtelecom Perseus is a cutting-edge, multimode, software defined receiver covering 10 kHz to 30 MHz. Enjoy world class performance: 3rd order IP: +31 dBm, Sensitivity: -131 dBm, Dynamic Range: 104 dB (BW 500 Hz CW). Nine six-pole front end bandpass filters prevent overload of the A/D converter. There is a 3 step attenuator plus switchable low noise preamplifier. An impressive full span lab-grade spectrum display function is featured. An almost magical spectrum record feature allows you to record up to an 800 kHz portion of radio spectrum for later tuning and decoding. The audio source is via your PC soundcard. The Perseus operates from 5 VDC and comes with an international AC power supply, AC plug converter, SO239 to BNC RF adapter, USB cable and CD with software and detailed manual. Made in Italy. For full details visit: www.universal-radio.com

Perseus Order #0122 \$1299.95

King of the Satellites - Six Five O The Grundig Satellit 650

By Thomas Baier.
Here is the book Satellit 650 owners have been waiting for. Clearly the famous Satellit 650, was the "king" of the Grundig Satellit line. Author Thomas Baier, draws from his sources in Germany to report all about this famous world band receiver. Over 100 pictures are featured in this 80 page book. Learn about variants, production numbers, disassembly, adjustments, bulb replacement and much more. The Owner's Manual and circuit schematic are also fully reproduced. This is a "must have" reference for anyone lucky enough to own a Satellit 650. 80 Pages 8 1/2 x 11 inch. First Edition - Second Printing. ©2007

Order #0650 \$22.95



USED GEAR

Visit our website for great used equipment values. It now features photographs of select items and an informative archive of hundreds of previously sold radios. If you enjoy older radio receivers, please visit our Sold Archive to see many old friends.



Listening to Longwave The World Below 500 KiloHertz

By Kevin Carey.
Listening to Longwave is your introduction to the fascinating "baseband" of the radio spectrum. Key features of this book include:

- ✓ Who is on the air — when and where to listen.
- ✓ Receivers, converters and antennas for effective longwave reception.
- ✓ Longwave listening lists.
- ✓ Monitor the sounds of nature: Whistlers, Tweekes, Dawn Chorus and other radio atmospheric.
- ✓ Longwave navigation beacons, time stations, broadcasters, time stations and NAVTEX weather broadcasts.
- ✓ License free experimenter's band.

Universal Radio ©2007 98 pages. Order #0024 \$6.95

KAITO-ELECTRONICS INC. KA33

The Kaito KA33 is an active shortwave, wire loop antenna that covers AM plus shortwave 3.9 to 22 MHz. The KA31 has dual outputs. If your portable shortwave radio has an 1/8 inch mini antenna jack you can plug this antenna directly in. For shortwave radios without an antenna jack, you also get simple clips for direct connection the radio's telescopic whip antenna. The control box has an LED to remind you when the antenna is turned on. There is a Tuning Knob on the control box that should be adjusted as you change frequency. This antenna is designed for indoor use only and requires two AAA cells (not provided).



Kaito KA33 Order #3670 \$36.95

KAITO-ELECTRONICS INC. KA35

The Kaito KA35 is an active shortwave, medium wave loop antenna that covers 100 kHz to 30 MHz. It features an interchangeable a Ferrite element (that provides a degree of directionality) and a telescopic whip element. This antenna has a built-in fixed battery. This battery is rechargeable via the built-in solar cell, the supplied AC adapter or via a computer USB cable. Output is to a junction cable that, in turn, has output to a 3.5mm mini plug. (Please note the BNC jack is strictly to the junction cable). This antenna is designed for indoor use only.



Kaito KA35 Order #4835 \$89.95

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\$50-\$100=\$6.95, \$100-\$500=\$9.95, \$500-\$1000=\$14.95.

Except Alaska, Hawaii and Puerto Rico.

A. J. Janitschek of Radio Free Asia (RFA) sent the following news: "Radio Free Asia announces its 22nd QSL card that is scheduled for distribution for all confirmed reception reports dated July 1 to August 31, 2008. This QSL card celebrates the XXIX Summer Olympic Games in Beijing, China which will be held August 8-24, 2008. The Games have always brought people from around the world together in peace to respect universal moral principles. The card shows the graphic of Radio Free Asia's pin, as created by RFA's Brian Powell, which will be used by our reporters at the Games." RFA broadcasts only in local languages and dialects, and most of its broadcasts comprise news of specific local interest. RFA welcomes all reception report submissions at www.techweb.rfa.org (follow the QSL REPORTS link) not only from DX'ers, but also from its general listening audience. Reception reports are also accepted by emails to qsl@rfa.org, and for anyone without Internet access, reception reports can be mailed to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036, United States of America. Upon request, RFA will also send a copy of the current broadcast schedule and a station sticker.

Benn Kopp sends news about a Digital Radio Mondiale project that received an experimental license in Delta Junction (Southeast Fairbanks), Alaska. The Federal Communications Commission issued an Experimental Radio Service license with the call letters WE2XRH to Digital Aurora Radio Technologies. As Benn notes, this isn't a small regional effort but a statewide experiment. See his musing for complete details.

The following was received from **Robert Kipp** regarding the Radio St. Helena project just in time for our deadline:

"Hello Fellow DXers,

Radio St. Helena informs all DXers that RSH has a "pile of envelopes (with QSLs) just waiting to be posted". The delay, at the moment, is because the good ship RMS St. Helena (the only official mail carrier), is currently in dry dock in Cape Town (the home port) for some repairs. This means that the RMS is way behind schedule in delivering people, cargo, and mail. When the RMS does sail again to St. Helena, she will go straight back to Cape Town. Therefore, the QSLs will not be posted until "end August / early Sep.". I assume that that means that the QSLs will be mailed (airmail) from South Africa, but it could mean that the cards will not be sent until the RMS sails again to Ascension Island. From there, the QSLs would go to the UK and then on to the rest of the world.

RSH reports that "all the 2007 Reports received have been QSL'd". (Naturally, only the correct reports.) This does NOT mean that ALL the reports SENT to RSH also arrived at RSH (unfortunately). Regarding 2006 / 2007 QSLs, I have been in contact with RSH and have passed along information from several DXers. Rich D'Angelo in USA sent me a list with about 17 names. I was directly contacted by DXers from Brazil (RS), France (CG), Spain (SG and MM), Holland (AB and HJB), USA (KA), Germany (KE), and Switzerland (CAS). I hope that all these QSL-questions have been clarified.

Thank-you one and all for your patience.

With best regards, Robert Kipp for Radio St. Helena"

Dr. Adrian Peterson, DX Editor for Adventist World Radio (AWR"), sent information announcing the results of their recent lis-

Our Motto: Unity & Friendship

tener contest in the DX program, Wavescan. The "Wavescan" DX contest this year invited listeners to make up a list of the QSLs in their collection that illustrate the 26 letters of the English alphabet, one QSL for each letter. Participants were also invited to provide copies of what they considered to be the best five in their list, and also to submit three reception reports on AWR radio transmissions, as well as three radio oriented cards. The world winner of the "Alphabet DX Contest, 2008" is: **Gunter Jacob** of Passau in Germany. This is the 3rd occasion in which Gunter has achieved the top honor as world winner in AWRs international DX contest. The world winner will receive a copy of Jerry Berg's first book, "On the Short Waves" The continental winners for the 2008 contest are: Europe **Uwe Volk** Lehrte, Germany; Asia **Takuji Sahara** Tokyo, Japan; Pacific **Hans Kiesinger** Maroochydore Queensland, Australia; USA **Edward Insinger** Summit, New Jersey; Americas **Ashok Kumar Bose** Mississauga, Ontario, Canada. The continental winners will receive a copy of either "Passport to World Band Radio" or "World Radio TV Handbook". Due to the widespread international interest in this year's contest, Adventist World Radio is giving careful consideration to the possibility of conducting another DX contest next year in our program, "Wavescan".

Sean Gilbert and the World Radio Television Handbook ("WRTH") Editorial team released a supplement file for the summer schedules which is now available for download from the WRTH website at <http://www.wrth.com>. The file is in Adobe PDF format and you will need the free Acrobat reader (from <http://www.adobe.com>) to be able to read this file. The file runs to 6 pages and includes updates from international and target/ clandestine broadcasters. They hope that listeners find this file a useful accompaniment to both the printed WRTH and also the additional summer schedules supplement. Thanks Sean and the WRTH team for the free update.

Here's a last minute reminder that the 15th annual Madison-Milwaukee Radio Get-Together that will take place on Saturday, August 16th, beginning at 1 PM, in Oak Creek, WI. As usual, the event is open to all


radio hobbyists, and is an informal gathering where radio fans and DXers can exchange ideas and make and renew friendships. This year's location is the home of **Tim and Jill Noonan** and their sons, 801 East Park Boulevard in Oak Creek, and you can obtain directions and more information from Tim at DXing2@aol.com or 414 762-2702. I have attended the annual Madison-Milwaukee Get-Together in the past and recommend it highly. It's a great opportunity to spend time with other like minded radio hobbyists. Unfortunately, due to scheduling conflicts, I can not attend this year but many NASWA members are expected to be there.

If you are in the Columbus area, please contact club member **Mike Rohde** who is setting up a NASWA Chapter in the area with its first meeting scheduled to be held at Universal Radio in Reynoldsburg on Saturday, August 9, 2008 at 10:30 AM. Subsequent meetings are scheduled for the second Saturday of the month at 10:30 AM at Universal Radio. Further information is available from Mike Rohde at 614-527-1398 or via e-mail at merohde@columbus.rr.com. If you live in the greater Columbus region, this is an outstanding opportunity to network with like-minded radio listeners to share news, information and just talk about the short-wave radio hobby.

The Danish Shortwave Club International ("DSWCI") held its Annual General Meeting ("AGM") and DX Camp on 13-15 June 2008. It was attended by 21 people from five countries. Of special interest were two Perseus Software Defined Radio's developed by Nico Palermo. During the AGM club members learned that the membership grew slightly from 243 members in 34 countries to 247 members in 33 countries with all continents represented (20 members are from the USA). Of the 247 members, 102 take the club bulletin, Shortwave News, electronically. This represents 41% of the club's membership. 153 members, or 62%, get the club's bi-weekly electronic DX Window publication (similar to our Flashsheet). The club sold 56 printed and 86 e-mail copies of the ninth edition of the Domestic Band Survey (the 10th edition is currently on sale now).

Check out this month's Musings for an interesting discussion about DXpeditions that originated at the NASWA Yahoo Group (<http://groups.yahoo.com/group/NASWA/>). Remember, the club's Yahoo Group under Dan Ferguson's able supervision and the musings column are great places to share your experiences with other club members. A lot of very interesting information is exchanged there that can not make the pages of the Journal each month. If you have Internet access, this is one forum that you should participate in.


Please remember to direct all communications about subscriptions, bulletin delivery issues, summer vacation 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. 

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@tds.net. 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.


FRENDX: Twenty-Five Years Ago (August 1983)

In the Headquarters Report, Bill Oliver noted that the new edition of White's Radio Log was expected the first week of August with its cost set at \$4.95 plus \$1.00 postage and handling from Worldwide Publications in North Branch, NJ. In John Herkimer's Shortwave Center, Geoff Cosier wrote "DXing Indonesia - A Primer" while Al Sizer wrote "Riding the Magnetic Storm" and Marlin Field wrote about "Emisora Armonias del Caqueta" in Colombia. In the Loudenboomer Report, CL wrote about attention getting ploys used in the hobby. Ed Shaw wrote "The Great 60 Meter Band Fire of 1971." Bill Taylor wrote about the Antique Wireless Association in his Vintage Vignettes column. Andy Robbins began a new column entitled "Contact" for technically oriented discussions. James G. Herkimer began as the new editor of Technical Topics replacing Ed Shaw. Sam Barto's QSL Report column was an "All Latin Column" and featured an illustration of The Falkland Islands Broadcasting Station QSL card from Henry Lazarus and Richard Davis as well as reports representing 135 verified countries. In The NASWA Awards Reports column, Dan Henderson noted that All Miller became the 10th recipient of the 200 countries verified award and John Moritz became only the third person to qualify for the Ecuadorian Senior DXer award. In Log Reporters, Nick Papas noted that forty-seven members submitted log reporters for August. 

Calendar Of Events

- Aug 8 Meeting. Boston Area NASWA Chapter.** The Boston Area DXers have found a new location for meetings. Inquiries about the BADXers may be sent to Paul Graveline at 978-470-1971 or Internet: ctreditor@aol.com. The URL for the BADX guys is <http://www.naswa.net/badx/>
- Aug 9 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meets at the Lebanon Citizens' National Bank (LCNB), 425 West Central Avenue (Ohio 73), Springboro, Ohio at 7:00 PM. For more information contact Mark Meece at 937-743-8089 or e-mail at [<antennapig@siscom.net>](mailto:antennapig@siscom.net). For additional information about MONIX, check out their web site at [<http://www.siscom.net/~mmeece/monix.html>](http://www.siscom.net/~mmeece/monix.html)
- Aug 9 Meeting. The Columbus, Ohio NASWA Chapter** is planning to hold its first meeting at Universal Radio in Reynoldsburg on Saturday, August 9, 2008 at 10:00 AM. This is a tentative date/time pending confirmation. 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.
- Aug 16, 2008 Convention. 2008 Madison-Milwaukee Radio Get-together.** The 15th Annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will take place on Saturday, August 16, starting at 1 PM CDT. This year's venue is Milwaukee WI, and Tim Noonan will be hosting. Further information will be released as it becomes available.
- Aug 18 Meeting. Tar Heel Scanner/Shortwave Listening Group.** Red, Hot and Blue restaurant, 6615 Falls of the Neuse Rd., Raleigh, NC. Dinner @ 6:30PM, meeting @ 7:30PM. Meetings the 3rd Monday of each month. Info, Curt Phillips, 919-773-4522, [<mailto:curt@nerdster.net>](mailto:curt@nerdster.net) curt@nerdster.net.
- Aug 22 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 5:30 PM near the bar area before heading into the restaurant for dinner and further discussions. Contact Rich D'Angelo (2216 Burkey Drive, Wyomissing, PA 19610; 610-678-0937; rdangelo3@aol.com) for further information about future meetings.
- Sep 5-7, 2008 Convention. The 2008 European DX Council Conference** is scheduled for Vaasa, Finland on 5-7 September 2008. Former EDXC Secretary General Risto Vahakainu of the Finnish DX Association is coordinating the event. Their website is under construction at <http://www.netikka.net/edxc2008/>. Further information will be made available at a later date.
- Sep 12-14, 2008 Convention. The 2008 IRCA Convention** will be held at the Days Inn in Flagstaff, Arizona on Route 66 from 12 to 14 September 2008. Room rates are \$65.00. There will be station tours, an auction and a banquet. Further information will be released as it becomes available.
- Sep 26-28, 2008 Conference. The Pacific Radio Conference** to be held in Wellington, New Zealand on 26-28 September 2008. You'll find more information about the conference at www.radioheritage.net. Please email info@radioheritage.net or write to the Radio Heritage Foundation, P. O. Box 14339, Wellington 6241, New Zealand.
- Oct 3-5, 2008 Convention. The New Zealand Radio DX League** will hold its 60th Anniversary celebration from 3 to 5 October 2008 in Oamaru, New Zealand. The program will consist of the 2008 Annual General Meeting, a celebratory luncheon and opportunities for DXing. More details to follow.

- Nov 12 Awards.** The Association of International Broadcasters awards gala will be held in London, England with the presentation of international television and radio awards. AIB Media Excellence Awards and Diner Pensant LSO St. Luke's, 161 Old Street, London EC1V 9NG. The cost of each place at the Dinner at the early-bird rate (valid to 30 June 2008) is £175 plus UK VAT @ 17.5% (£30.62), giving a total cost of £205.62 per place.
- Mar 13-14, 2009 Convention.** The **22nd Annual Winter SWL Festival**, sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 13th and 14th March 2009. Richard Cuff and John Figliozzi co-chair the organizational committee. Although it is early, you don't want to miss this special Fest event. See you there!
- May'09 Annual Meeting.** The **2009 National Association of Shortwave Broadcasters and US DRM Group** will be held in Nashville, TN 7 and 8 May 2009. It will be co-hosted by World Christian Broadcasting and WWCR. Additional information will be available at a later date.
- May'09 Annual General Meeting (AGM) and DX Camp.** The **Danish Shortwave Club International** will hold its AGM and DX Camp from May 11th through May 17th at Vardeborg, Vejers Beach, Denmark. For further information contact Bent Nielsen (bent.elin@webnetmail.dk), Egekrogen 14, DK-3500 Vaerloese, Denmark. More information will be available later on.
- Mar'10 Convention.** The **23rd Annual Winter SWL Festival**, sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 5 and 6 March 2010. Richard Cuff and John Figliozzi co-chair the organizational committee. Although it is early, you don't want to miss this special Fest event. See you there!
- May'10 Annual Meeting.** The **2010 National Association of Shortwave Broadcasters and US DRM Group** will be held in Hamilton, Ontario on 13 and 14 May 2010. It will be hosted by Galcom International. Additional 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

Mike Rohde <merohde@columbus.rr.com>, Columbus, OH

I'd like to hear about some of the DX expeditions folks have been on. Was the listening location out in the middle of no where or just outside of the city? Were you using battery power or AC? What types of antennas did you use? Any other important details would be appreciated. Were you near the coast?

I am thinking about organizing a local DX expedition here in Ohio I have never done this before so I'm looking for all the advice I can get.

Thanks, Mike

Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610
DXpeditions come in all shapes and sizes. They do provide a great opportunity to hear stations that are difficult or impossible to hear at home.

We have been doing Gifford Pinchot/French Creek DXpeditions since 1990; well over 50 in all. The Pennsylvania state parks system has a number of locations with heated cabins that make great DXpedition locations; full kitchens, beds, etc, making it a comfortable experience. We began at Gifford Pinchot blind; we had no idea what the location had to

offer. When we switched to French Creek, Fred Kohlbrenner took a portable radio with him to check out the local noise. Other than that we just made sure there was a place to string up long wire antennas.

Basically, French Creek cabins offered protection from the elements while providing a noise free environment. The trees surrounding the cabins provide something to hang antenna wires on. Some folks run short wires; 50 to 100 feet; other extend to 500 feet or in some cases 1000 feet. The main driver is the noise free environment that isolated cabins offer.

I have done a handful of local 2-3 hour DXpeditions driving out to a local park and setting up a portable radio such as the Eton E1 and DXing until either cool weather or hunger set in before heading for home. The advantage of being away from home means a noise free environment (depends upon the park of course) and few interruptions that happen when at home.

Finally, I frequently do "backyard DXpeditions" where I sit on my deck with the Eton E1 tuning the world. Just being away from the house helps reduce the noise level making it a worthwhile expenditure of time and effort. Of course, you are still at home so all the usual interruptions are still possible, hi!

I would recommend looking into state parks in Ohio that offer all weather cabins which would enable you to do something during the winter. At French Creek we usually do a series of outings from a mid-November, to a mid-December and finally a late January DXpedition. The cost of two nights split three, four or five ways makes these outings relatively inexpensive.

Don Jensen, Kenosha, WI

Rich is the Past Master of the DXpedition and I would not for a moment think I could add much of importance to his comments. I would, nonetheless, like to emphasize his main points.

Reasons for a DXpedition: 1. Socialization. Getting together with a group of fellow DXers for a weekend reinforces what is normally a "solo" experience. 2. Conditions. Particularly for city dwellers, it can be great to get away from your usual noise sources to a quieter location. 3. Again, for city dwellers it may be, and usually is difficult to impossible to install certain antennas. DXpeditions preferably should pick a location where you can experiment, particularly with long and/or directional antennas...something new and different.

Rich mentions scouting out the place in advance to be sure it is electrically quiet. It can be especially useful if to be totally away from power lines and operated on 12 volts DC -- bring extra batteries, though. But being away from electricity may complicate creature comforts, like needing gas or kerosene lamps. Obviously winter is likely to produce more and better DXing results, but then things like all weather cabins are pretty essential. But I have done surprisingly well in a very rustic "hunting" shack with a pot belly stove!! Going to the same place a number of times, as Rich notes, can be a plus. Not only do you get to know the conditions, but it MAY be possible to even leave inconspicuous antennas in place from Dxpediton to Dxpediton. What is ideal, say is if you have enough space to install, say, a 1000 ft. beverage! The nice thing about a beverage is that you don't have to climb trees!!! A necessity for old guys like me. If not a problem for you, and with enough and suitable trees, a rhombic can be really fun!

I like to have a list of targets for the various times of days, but others prefer just tuning around. Often each group has its "natural chef," somebody who likes doing the meals,

as long as the rest are willing to do clean up. Some groups have a specialty, like grilling steaks, or "Joe's special spaghetti" on Saturday night. Others keep a pot of chili or stew on the fire at all times of day or night and folks eat early and often when the spirit moves them. Ditto coffee! And sufficient "tuning oil" is essential in some groups. And a deck of cards and poker chips are useful if the bands are REALLY dead.

Ron Howard <ron888howard@gmail.com>, Monterey, CA
Greetings from California,

Recently 95% of my listening has been done away from my home, which has gotten too heavy with RF noise to be enjoyable. Am usually up before my local sunrise and drive less than two miles to my local state park at Asilomar Beach. They have no parking there from midnight to 5:00 AM, so I arrive just at five, which is a perfect time to check out the Asian stations that I like so much. I sit in my car and use either my Et6n E1 or E5, with just the attached whip antenna out the window. It's a very scenic area, with the waves from the Pacific Ocean rolling in along the rugged, rocky coastline. Is still a "solo" experience, but much more enjoyable that listening at home and have found the conditions to be outstanding, as there are very few buildings around and no street lighting of any kind. In fact I park at the beach across from a golf course. After listening to SW for several hours, I get out and walk for an hour or so along the trails by the beach, so I am not too sedentary. Occasionally I go to the beach before sunset and listen to SW while I enjoy the sun setting out over the Pacific. I realize how very fortunate I am to live in such a gorgeous place, which also has great reception.

Hope that others can also find as enjoyable a location to listen from!

Mark Taylor <markokpik@tds.net>, Madison, WI

While I haven't been on any extended Dxpeditions, I have done "mini Dxpeditions" on many occasions. Not much comradeship, but a good chance for better than average solo listening.

As Rich said, scouting an electrically quiet location is important. I found a local park where we were going for backpack practice a few years ago. Out of curiosity, I toted along a SW portable on one of the evening outings. To my surprise, one of the picnic areas had very low QRM. So check places even where you might not suspect, it might be more quiet than you might guess. That park is only 7 miles from my house. On the other hand, there is another park further out in the country and far from other structures, etc. which I thought would be quiet. It has a very electrically noisy mercury vapor light always on for security, so it is a poor location.

Everything for the outing fits into a small backpack. I walk into a picnic area - which is closed when I get there in the AM. I put up an antenna which can be put into trees quickly with a slingshot (currently I use a wrist rocket and Flextenna). If necessary, drag a picnic table at the base of one of the trees. Run coax from the antenna to the radio. For a receiver, I use the E1 with batteries. Within a half hour, I'm set up. Complete with coffee, a copy of a frequency list, NASWA Journal, log, pen, sweet roll, trash bag, mosquito repellent, head phones (I use ear buds), a few other bits, I'm ready to listen.

I usually go early in the morning. I often stay out for a few hours, and get home by 9:00 AM. I've done the same in the evening. Since that park is largely surrounded by marshes, I've been driven out of the area in mosquito season by dusk. At 5:00 AM local, there usually aren't many people around. In the evenings, I have been ready to explain what I'm doing more, since there are generally people around in the evening. I've had park personnel approach me several times including park police, but more with curiosity

than enforcement ideas in mind. The most hassle I've had is once I was reminded that the area was reserved and I needed to leave by 9 (no problem).

Usually when conditions permit, there are things audible which I don't generally hear at home. I've gone out as late as late October (chilly), and mid April (chilly).

Richard Cuff <richard@thecuffs.us>, Allentown, PA

Even though I am primarily programming-focused in my SWLing, I still enjoy the French Creek visits for the reasons Rich D suggests.

Simply the chance to sit down with reduced distractions, a radio, headphones, a comfortable chair and table, and a logbook make for a relaxing couple of days. The added social interactions are a plus as well.

What's nice about PA state parks is that they're open year round, including the cabins. Others might not be so lucky...

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

The few DXpeditions I have done have been both of the mini & solo variety from my car; using an Icom R75, 12V adapter & 300+ foot longwire. My preferred location is in the middle of nowhere, aka Sugar Hill Scenic Outlook on the Kancamaugus Highway, deep in the heart of the White Mountain National Forest. Great views, especially during sunrise & miles from any RF pollution. Occasional moose sightings are a bonus.

I've never heard anything different than what I can monitor hear at home on the outskirts of the Mount Washington Valley, but what I hear via DXpedition is "cleaner". The only problem with DXing via automobile here in the mountains is during the winter months you quickly freeze your fanny off & during the summertime the black flies & mosquitoes will bleed you dry. Both get old very quick.

Rick Barton <desertmoon_dxr@yahoo.com>, Phoenix, AZ

My "Barrio" neighborhood has a lot of older power poles and pots and etc. and there has been a rising level of background noise here, so I do a lot of DXpeditioning.

I often camp in a Coleman tent with an old car battery and my Drake R8...or...take battery radios like my ATS-803A and Panasonic RF-2200 (casual listening and MW DXing).

I live in the West, and there are vast uninhabited areas to set up...Lots of Govt. land... It is legal to camp anywhere you can plunk down a tent. Nearby Yuccas (New Mexico) or Saguaro Cactus (Arizona) provide handy antenna masts.

I take rolls of wire to set up longwires, and have my "quickie" antenna for higher bands-my famous "tomato stake" antenna.....technically, a helically wound vertical. It's a plastic garden stake, 9' tall, with a whole lot of wire wound around it from bottom to top. I just jam it into the ground. I just clamp a ground wire to a screwdriver and jam it in the ground also.

But I also have made use of the little cabins at KOA Campgrounds. You might want to check into KOA.com and see what they might have to offer near you. The KOAs won't be devoid of ANY power lines like, say, camping in the "bootheel" of S.W. New Mexico, but it is not an "urban" environment either.

There is a writing table at each cabin by the front window that makes the perfect spot to set up the "shack". Some cabins have great heaters (like the KOA at Silver City, New Mexico), but others (Benson, Arizona) have these tiny little portable devices that barely

heat at all....but enough that you're not freezing either.

I am guessing it may not be as good as French Creek (I have never been there), but the KOA "Kamping Kabins" work for me , especially in the winter here.

Hope any of this gives you some ideas !

Dr. Mark J. Ferrioli <Drmarkjf@AOL.Com>, P. O. Box 5000, Philadelphia, PA 19111

There is nothing I enjoy more than going on a 'DXpedition' with a friend or two, or only alone!

My favorite routine is to travel some nine (9) miles from home (here in N.E. Philadelphia, PA) to 'Militia Hill' in 'Fort Washington State Park,' in Fort Washington (Right next to Flourtown), PA. This is a 'High Point' in the park general that is often used by the local chapter of the 'Audubon Society' (Where that have build a large 'Tower / Platform') for 'Bird Watching.' One can see for quite some distance much as 'Washington's Look Outs' once did during the 'Revolutionary War' (The place reeks with history)!

I am usually there during a week day (When there are far fewer people about) either early in the morning or in the mid to late afternoon hours. I choose a shaded picnic table, set up a small 'Reel Antenna,' my 'Sagean ATS909 Super' with 'Ear Buds' and my 'Log Book,' etc. Additionally, I often bring some lunch from a wonderful privately owned 'Sub Shop' (Called: 'My Brother's Place') and I am then set for several hours of quality 'SW Listening!'

The noise is extremely low and reception is excellent! I am often visited by squirrels, chip monks, beautiful birds, ground hogs and even deer that approach (Often within yards of the picnic table). In fact, the animals seem as curious of what I'm doing as other 'Human Visitors' to the park are! Speaking of 'Human Visitors,' I often have the opportunity to explain my hobby to others while there. Many express surprise when I let them hear some foreign country's broadcast to which I may be listening. Most leave somewhat impressed by what they have observed. It is a great way to promote the hobby!

Bye the way, I also 'DXpedition' on 'Bicycle Trips,' when 'Camping or Backpacking' and always in 'Motel Rooms' when traveling!

Bob Fraser, 255 Lincolnville Avenue, Belfast, ME 04915-7404

Very early this month of June, I tuned to International Radio Serbia only to find that they had moved from 6185 kHz to 6190 kHz. At the time, I thought they had moved because of interference from Cuba on 6180 kHz. Both transmitters broadcast to North America at 0100 UTC.

On June 13, Bulgaria's DX program mentioned that Serbia was having trouble with its transmitter. Since this was 2345 UTC, I waited the few minutes before Serbia signed on at 2400 (or 0000) UTC. When the time came, there was no Serbia. A try again at 0100 and still nothing. There was also no Cuba on 6180, only a loud Vietnam on 6175. Six days later, there was Serbia again and on 6190. I didn't bother with the later transmission. Propagation must have been some of the reason.

Bulgaria also mentioned the quiet sun activity and said it was one of the longest. Then they added the long quiet sun of the 11th century which lasted almost 100 years and produced Europe's "Little Ice Age."

Years ago, I was friendly with a landscape architect. Almost every day, he'd look at the sun with a welder's glass. I asked what he was doing and he said that he was looking

for sunspots. He added that if there were any, it would rain two days after. And he was always right. He said that the moon made the tides and the sun made the weather.

If this is so and the sun is very quiet now, what is triggering the severe weather we have been having?

Marlin A. Field, 128 Oak Street, Hillsdale, MI 49242-1345

On June 2nd had the pleasure of having Jorge and Denise Zambrano on our home. Our friendship goes back to the 1980's when they visited our church and our home for the first time. Then I interviewed him for an article I wrote for the NASWA Journal. Jorge was well pleased with the article about him that appeared in the May issue of the Journal. He presented us with a CD of his music on the bandolin.

Toshi Ohtake <ohtaket@yahoo.co.jp>, 5-31-6- Tamanawa, Kamakura 247-0071, Japan

The first topic is the frequency addition of Japanese language station. The station targeting to North Korea, Shiokaze, or Sea Breeze, added frequencies to cope with jamming. The new schedule is from 14:00 to 14:30UTC on 6020kHz or 6005kHz in English, Korean, Chinese and Japanese language, and from 20:30 to 21:00UTC on 6045kHz or 5965 kHz in Japanese, both are transmitted from Yamata, Radio Japan's transmitter site North of Tokyo.

Second topic is the airtime change of Japanese Service of Voice of Mongolia. Their airtime was changed to 09:00UTC from 08:00, but the airtime of 15:00 UTC remains the same. The program duration is 30 minutes and the frequency is 12085 kHz, the same as before.

The third topic is Tokyo HAM Fair. This year's HAM Fair is 4th week end of August, on 23 and 24th. We are setting up our own booth. We welcome visitors from foreign countries. Please let us know if you have chance to visit Tokyo this time.

This is all for this month.

Wishing you FB DXing! Toshi Ohtake, Japan Short Wave Club

Richard W. Parker KB2DMD, 1205 Sleepy Hollow Road, Pennsburg, PA 18073

As of this writing (26 June), we've yet to receive our 2007 Radio St. Helena QSL. The card for their 2006 transmission arrived here in 374 days, so maybe we're at the bottom of the list! Foreign mail from less exotic locales is arriving without delay, though - I received the print edition of DSWCI's DBS-10 in record time this year. I haven't yet had a chance to compare it against the 9th edition for changes that have occurred on the trop bands, but the less favorable conditions I've experienced on those bands lately should allow me plenty of time to do that. When ordering the book, I asked Bent Neilsen to include my "username and password" for accessing the monthly updates on the Tropical Bands Monitor when I visit the library internet terminal, but he didn't include this information. I assumed that service was available to all who purchased the DBS, but perhaps it is only available to those who order the PDF version via e-mail.

Richard Bradley <rbswl@yahoo.com>

Please add to NASWA Journal SWL / MEDIA DX Programs in English schedules. I am sure a lot of members would like to see this.

Thank You, Richard

[What do other members think about adding SWL / Media DX programs listing to the Journal on a periodic basis? Any potential editors out there? - RAD]

Glenn Hauser, Enid, Oklahoma

My SW DX monitoring had been severely curtailed by a huge buzzy line noise problem; finally about a week after I filed a complaint with the electric company, it was gone the morning of July 3, uncovering much lower level line noise which seems like paradise in comparison. All my fingers are crossed.

Bob Fraser, 255 Lincolnville Avenue, Belfast, ME 04915-7404

Was listening last night to Austria Radio, ORF, officially July 7th at 0050 UTC on 9,870 kHz. They mentioned that all English transmissions of ORF will end at this year's end and were asking for listener support.

Unfortunately, reception was fair to poor mostly because of India's AIR from Bangalore was almost overwhelming Austria. An hour of Bollywood music. Nice, if I wanted to listen to it.

Intended this a short note on the above but the mail just came along with the July Journal. Of course, everything had to stop while I glanced through it.

Noticed the plight of Forrest Bishop of Ohio. I am hazy on this but doesn't DirecTV satellite also have channels covering international broadcasters? Belfast has a wonderful one which, among other interesting programs, has an hour in the afternoon of European and Middle East (at least) news TV programs. All in English too. The icon in the upper left of the picture is DW and I wonder if it is something from Deutsch Welle. The Arab ones are particularly informative. In comparison, local TV offers nothing of world events.

Richard W. Parker KB2DMD, 1205 Sleepy Hollow Road, Pennsburg, PA 18073

I had the pleasure of attending another meeting of the Reading Area DXers on 27 June. The Flying Dog wasn't too noisy afternoon, so it was nice to be able to hear everyone! I lugged along a solid state Zenith D7000Y Trans-Oceanic for show-and-tell, and all received a good upper body workout from passing it around the table. By coincidence, Ed Mauger brought along his set of Harold Cones' Zenith collectors books (including the Trans-Oceanic volume), in addition to a fresh stack of seventy year old radio magazines. He was kind enough to loan all of these to me until next meeting, so I'm presently saturated with fascinating reading!

I made it a point to sample some Flying Dog cuisine this time, so I chose a "heart-healthy" selection - a plate of "brutal" hot wings! They were by no means blistering, but tangy and delicious nevertheless. Thus, I now have yet another reason for attending these get togethers on a regular basis. Good food, good drink and a chance to gasbag with other shortwave enthusiasts - if this sounds okay to you, why not make it a point to attend the next gathering?

Bennett Z. Kobb" <bkobb@ieee.org>

The Federal Communications Commission today (July 15, 2008) issued Experimental Radio Service license WE2XRH to Digital Aurora Radio Technologies (DART) of Delta Junction (Southeast Fairbanks), Alaska. DART told the FCC that its experiments aim to determine the impact of high latitude HF ionospheric propagation on digital audio modulation using the Digital Radio Mondiale (DRM) system; to determine the transmission power levels required to provide adequate signal for high reliability reception throughout Alaska; and to determine an antenna specification for delivery of the digital signal throughout Alaska.

DART received authorization to transmit at 0.66 megawatts (MW) effective radiated power (ERP) in 7.1-7.6 MHz and 0.11 MW ERP in 9.25-9.95 MHz. The license also covers

a 1.09 MW ERP transmitter at 4.4-5.1 MHz and another 1.09 MW transmitter at 4.5-5.1 MHz. In correspondence with DART the FCC moved the lower boundary from 4.4 MHz to 4.5 MHz, but the 4.4 MHz frequency remains on the license. The license is conditioned on the usual requirement that the station is subject to shutdown if interference occurs to other stations licensed on those frequencies.

DART's president, Whit Hicks, Ph.D., is Executive Director of Delta Mine Training Center, a nonprofit organization that offers educational programs in mining and mineral exploration.

The license expires July 15, 2010.

This is not a local station thus no 26 MHz operation proposed. It is intended for state-wide service. The station is for technical tests only. WE2XRH is an experiment and not a regular broadcast station -- that needs to be emphasized.

Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610
An envelope arrived last week from China Radio International. Thinking it was just their latest program schedule, I put the package aside until I returned home after the Fourth of July holiday. When I opened the envelope, I discovered that I received a "Certificate of Honor" in the 2008 Olympics Global Contest indicating that I have been awarded "third prize" (probably along with a few thousand other listeners). My prize was cardboard picture frame "Beijing Welcomes You" with a pre-stamped "The Games of the XXIX Olympiad" postcard in it. Any other winners out there?

It certainly looks like our friends at Media Broadcast have straightened out their QSL policy after changing hands from T-Systems. The same team seems to be in place with the addition of Mrs. Sabine Gawol (sabine.gawol@media-broadcast.com) who appears to be handling all QSLs although Walter Brodowsky is copied on all correspondence. They have even dedicated a special electronic address for reports: QSL-Shortwave@media-broadcast.com. Postal users may try the listed address: MEDIA BROADCAST GmbH, OMB Köln, Bastionstr. 11-19, 52428 Jülich, Germany.

Our Reading Area DXers continue to meet on a regular basis with 6-8 people in attendance. These monthly gatherings a pub/restaurant in Earville have added another dimension to the hobby. It's a good group of folks that enjoy gatherings, talking radio and radio-related topics and just having a good time enjoying other radio people's company.

On to this month's QSL returns. First up is a reply from WHRI for a Voice of Biafra International transmission using the WHR 1 transmitter in Cypress Creek, SC. A nice reply was received from Radio Fana via by registered mail. The stamps on envelope featured the critically endangered Black Rhinoceros with the return address indicating it was from the "Radio Fana Share Company." Media Broadcast is catching up with its backlog of reports from the switchover from T-Systems. Radio Television Algiers via Wertachtal with a standard e-mail reply. However, IBRA Radio via Nauen verified with the usual e-mail reply and a (new) attachment full data QSL card. Both replies asked that future reports to their special mail-box for reception reports: QSL-Shortwave@media-broadcast.com.

Easy Listening

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

BBC World Service selectively increases online archives

The BBC World Service has increased the depth of its online archive for *NewsHour*, one of its feature daily current affairs programs. During a recent website visit I discovered that a week's worth of *NewsHour* editions—both the 1300 and the 2000 UTC editions—can now be listened to on demand. At this time this is the only daily BBCWS news current affairs program with this availability: Neither *World Today* nor *World Update* nor *Europe Today* are archived to this depth.

Business Daily and *Analysis* installments are kept for a week, as are editions of *Outlook*.

Meanwhile the BBC has published its Annual Review for 2007. One of the metrics many look for is the audience size for the World Service: The 2007 global weekly audience is calculated to be 182 million, about on par with the 2006 figure of 183 million.

Bits & Pieces

Radio Australia—*Encounter*

Since most of my listening to “shortwave” programming is often via non-shortwave routes, I often go looking for programming from domestic English language public service broadcasters—such as Australia's Radio National. Much of what Radio Australia airs originates from Radio National, though not all, and some of what Radio National produces doesn't necessarily show up on Radio Australia during a particular season. *Encounter* is one of those series—it airs on Radio National but is not on the current Radio Australia schedule. That's unfortunate, because *Encounter*—a program about the connections between religion and life—would be a worthwhile addition to Radio Australia, exposing global listen-

ers to Australia-centric thinking regarding religion.

Encounter takes a particular subject and explores it through a series of interviews with scholars and philosophers that are familiar with religious history. The program focuses on Australia's multicultural society, exploring elements of various religions and how principles from these religions are applied in day-to-day living—whether one is religious by nature or not. The program runs 50 minutes in length, which affords it ample time to dig into the subject matter. Recent editions have dealt with consumerism and perspectives of science and religion and how each addresses the “horizon of mystery.” Not exactly lightweight stuff!

As with most Radio National programs, *Encounter* is available on-demand for streaming or download, with a four-week archive. Some features—such as the series on consumerism—are kept available for a longer period than four weeks. If you prefer to listen live, *Encounter* airs on Radio National Wednesdays at 0905 and 1805 UTC, with an additional repeat Saturdays at 2105.

Radio Australia—new website

Speaking of Radio Australia, their website has been overhauled and redesigned. The new version loads much better than the prior version, which had several frames that required scrollbars within the frame to see all of the content—not a well-designed web page. The new site has none of that, and provides easy-to-reach links to Radio Australia's feature current affairs programs (*Asia Pacific*, *Breakfast Club*, *Connect Asia*, *In The Loop*, and *Pacific Beat*). Disappointingly, not all Radio Australia content is available on demand—*Australian Express*, which admittedly features content that originally aired domestically on other Radio National programs, remains unavailable on demand.

RTE Radio one: *Seascapes*

If you are of a certain age, you may remember the BBC World Service program *On The Move*, a weekly 15-minute program about transportation issues that was a refresh of *Seven Seas*, itself renamed from *The Merchant Navy Programme*. Before the days of "magazine" programs with a potpourri of subject matter, the BBC World Service had several short, regular, highly focused programs that covered specific topic areas. Ireland's *RTE Radio One* has such a program still in its schedule—*Seascapes*. This is a weekly program that covers various elements of maritime issues relevant to Ireland—they could be economic, social, or cultural. Since Ireland is an island nation, it makes sense for such a program to be on the schedule. *Seascapes* airs on RTE's live stream Mondays 2130 and Fridays 0400 during the summer; winter times are one hour later UTC. The program is also available for on-demand listening and download. A recent edition covered subjects including yacht racing as well as commercial fishing. If you're interested in more information, check <http://www.rte.ie/radio1/seascapes/>.

Station Review—Radio Prague

Exalted Leader Rich D'Angelo submitted the following contribution on *Radio Prague*. Thanks, Rich!

Recently, I tuned into Czech Radio to hear a special program celebrating the stations 85th anniversary. I have always had a certain fondness for Radio Prague going back a few decades. Having re-discovered them once again, I thought other Easy Listening readers might find their program schedule offerings of interest. The station can be well heard in North America at 2230-2257 UTC on 7345 and 9440 kHz; 0000-0027 UTC on 7345 and 9440 kHz; 0100-0127 UTC on 6200 and 7345 kHz; 0300-0327 UTC on 7345 and 9870 kHz; and 0330-0357 UTC on 6080, 9445 and 11600 kHz.

In terms of programming Radio Prague has remained focused on informing the international public about news and events in

the Czech Republic. The basic programming scheme for all six languages is a half-hour broadcast made up of news, a current affairs block featuring reports and interviews about the most important events and thematically focused features.

Every broadcast starts with a brief bulletin of news from the Czech Republic to keep its listeners up-to-date with events in or relating to the Czech Republic. On weekdays this is followed by a current affairs magazine, offering in-depth coverage of political, economic, social, cultural and sports events in the Czech Republic. The rest of the transmission is reserved for their regular features. The following is a listing of Radio Prague's Monday through Sunday program features as contained in their current broadcast schedule:

Monday

One on One: an informal interview show, where you have the chance to meet some of the most interesting figures in Czech life today.

Tuesday

Talking Points: a closer look at the issues—big and small—shaping the day-to-day lives of people in the Czech Republic.

Wednesday

Czechs in History: remarkable people and events in the history of the Czech Lands (this is a once a month feature).

Czechs Today: a Who's Who of personalities shaping contemporary Czech society (another once a month feature).

Spotlight: a popular feature in which Radio Prague takes listeners to different corners of the Czech Republic (twice a month)

Thursday

From the Archives: a weekly look back at some of the unique recordings in Czech Radio's archives. (I especially enjoy this feature... RDC)

Panorama: in this feature Radio Prague looks at interesting economic, social, cultural and scientific developments in the Czech Republic today.

Friday

Business News: a roundup of the latest news in Czech business.

The Arts: reports on the rich cultural life of a country in the heart of Europe.

Saturday

Magazine: the show that starts where the news ends bringing listeners the stories you might otherwise have missed.

SoundCzech: learn useful phrases through song lyrics.

One on One: another chance to hear Monday's interview.

On Saturday evening in the 0330 UTC transmission, Radio Prague broadcasts Insight Central Europe, a pioneering Central European current affairs magazine, produced in co-operation between Radio Prague, Radio Slovakia International, Radio Polonia, Radio Hungary and Radio Slovenia International.

Sunday

Mailbox: we reply to your letters and e-mails and answer your questions.

Letter from Prague: a personal view of life in and around the Czech capital.

Music Profile: introducing Czech musicians, both groups and solo artists, past and present.

Czech Books: a look at Czech writing, past and present, twice a month.

Magic Carpet: music that goes beyond the borders of different genres, also once a month.

Each day's program can also be heard in the morning of the following day.

The station likes to hear from its listeners and can be contacted by numerous methods. The traditional postal mail still works. You can write to them at Radio Prague English Service, Vinohradská 12, 120 99 Prague 2, Czech Republic.

Also, ambitious listeners can telephone or use the fax: Tel: (+4202) 2155 2930-7 and Fax: (+4202) 2155 2903.

Of course, e-mail can also be utilized: english@radio.cz. The station's website www.radio.cz estimates that over 750,000 people use their multimedia Internet service each month.

Thanks, Rich; I enthusiastically welcome others to contribute similar station profiles—in the spirit of member contributions, this would be greatly appreciated.

BBC World Service highlights

At this point I don't know if the World Service will continue live and on-demand program streaming during the Olympics. During the 2000 and 2004 Olympics, live streaming was suspended, due to rights issues: Since a variety of World Service programming might carry live Olympic event commentary, and the World Service did not have streaming rights to live commentary, they simply suspended all live streaming.

Meanwhile, here are a few highlights for August programming:

Wednesdays, beginning July 30th—*The Trouble With Money*

With the world's economy now threatened by what some believe is its most dangerous crisis since the depression of the 1930s, Michael Robinson returns to America and the sub-prime mortgage disaster at the heart of the present crisis. Policymakers in the US have been struggling to avoid a further meltdown of their housing market and stem a flow of new sub-prime losses hitting an already crippled banking system. But with massive new losses continuing to

appear in major banks around the world, there are ominous signs that the danger is far from over. This is a two-part series; the first part will have aired by the time you receive the *Journal*, and should be available on-demand. Best shortwave airtimes—primarily the African services—are likely to be Wednesdays 1406 and 2106. The live webcast air times will be Wednesdays 0906, 1206, 1906, and 2306, repeated Sundays 0906, 1706.

Fridays, beginning August 8th—*The Right to Know*

Freedom of information is increasingly being seen as an essential prerequisite for a modern democracy as *The Right to Know* explores in a two-part series from Friday August 8th. Laura Trevelyan examines the experiences of a wide range of different countries, from India to Mexico and from China to Sweden, as well as the US and the UK. It includes an interview with the former US President Jimmy Carter, whose Carter Center tries to persuade countries to adopt freedom of information laws. Best shortwave airtimes are likely to be Fridays 1406 and 2106, with a repeat Saturdays 1306. Live webcast air times will be Fridays 0906, 1206, 1906, and 2306, with a repeat Saturdays 1306.

Fridays, beginning August 25th—*What Lies Beneath*

This is a two-part series exploring the archaeological wealth that lies at the bottom of the sea, and the anarchy that reigns when it comes to retrieving it. Best

shortwave airtimes are likely to be Fridays 1406 and 2106, with a repeat Saturdays 1306. Live webcast air times will be Fridays 0906, 1206, 1906, and 2306, with a repeat Saturdays 1306.

Olympics on shortwave

You can expect many international broadcasters to adjust normal programming schedules to accommodate coverage of their country's team in the Beijing Olympics. There haven't been that many announcements of significant programming changes, however. *China Radio International* has a special web page for the Olympics at <http://english.cri.cn/beijing2008/index.htm>; there is an inventory of audio segments there, but no mention of specific programming changes.

If your favorite broadcaster announces schedule changes for the Olympics, pass them on to your fellow enthusiasts via the NASWA Yahoo e-group (you're a member, right?) to keep us all updated with any last-minute changes.


Speaking of the Olympics, the BBC World Service suspended all live audio streaming during the 2000 and 2004 Olympics, but it appears as of late July that this won't be happening in 2008—you can expect the BBC to maintain its normal live streaming schedule.

Hoping August brings good listening!

73 DE Richard



WWW Shortwave Listening Guide

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

Shortwave Center

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

This month, we have contributions from Marlin Field, Don Jenson, Harald Kuhl, Charlie Loud-boomer, Robert Kipp, Christer Brunström and Ron Hunsicker. There's also a nicely balanced range of topics including receivers, transmitters, dxing tools, propagation and radio stamp collecting, topped off with Loudenboomer wisdom. Enjoy the cool read in the remaining hot weather; dxing season is just around the corner!

JAF

What's Wrong with the Sun? (Nothing)

July 11, 2008: Stop the presses! The sun is behaving normally.

So says NASA solar physicist David Hathaway. "There have been some reports lately that Solar Minimum is lasting longer than it should. That's not true. The ongoing lull in sunspot number is well within historic norms for the solar cycle."

This report, that there's nothing to report, is newsworthy because of a growing buzz in lay and academic circles that something is wrong with the sun. Sun Goes Longer Than Normal Without Producing Sunspots declared one recent press release. A careful look at the data, however, suggests otherwise.

But first, a status report: "The sun is now near the low point of its 11-year activity cycle," says Hathaway. "We call this 'Solar

Minimum.' It is the period of quiet that separates one Solar Max from another."

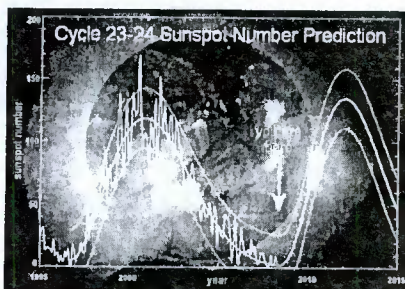
During Solar Max, huge sunspots and intense solar flares are a daily occurrence. Auroras appear in Florida. Radiation storms knock out satellites. Radio blackouts frustrate hams. The last such episode took place in the years around 2000-2001.

During Solar Minimum, the opposite occurs. Solar flares are almost non-existent while whole weeks go by without a single, tiny sunspot to break the monotony of the blank sun. This is what we are experiencing now.

Although minima are a normal aspect of the solar cycle, some observers are questioning the length of the ongoing minimum, now logging through its 3rd year.

"It does seem like it's taking a long time," allows Hathaway, "but I think we're just forgetting how long a solar minimum can last." In the early 20th century there were periods of quiet lasting almost twice as long as the current spell. (See the end notes for an example.) Most researchers weren't even born then.

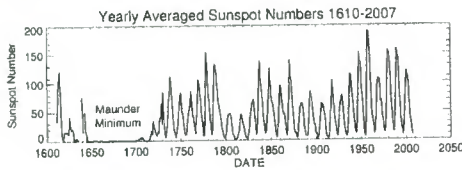
Hathaway has studied international sunspot counts stretching all the way back to 1749 and he offers these statistics: "The average period of a solar cycle is 131 months with a standard deviation of 14 months. Decaying solar cycle 23 (the one we are experiencing now) has so far lasted 142 months—well within the first standard deviation and



Above: The solar cycle, 1995-2015. The "noisy" curve traces measured sunspot numbers; the smoothed curves are predictions. Credit: D. Hathaway/NASA/MSFC.

thus not at all abnormal. The last available 13-month smoothed sunspot number was 5.70. This is bigger than 12 of the last 23 solar minimum values."

In summary, "the current minimum is not abnormally low or long."



The longest minimum on record, the Maunder Minimum of 1645-1715, lasted an incredible 70 years. Sunspots were rarely observed and the solar cycle seemed to have broken down completely. The period of quiet coincided with the Little Ice Age, a series of extraordinarily bitter winters in Earth's northern hemisphere. Many researchers are convinced that low solar activity, acting in concert with increased volcanism and possible changes in ocean current patterns, played a role in that 17th century cooling.

For reasons no one understands, the sunspot cycle revived itself in the early 18th century and has carried on since with the familiar 11-year period. Because solar physicists do not understand what triggered the Maunder Minimum or exactly how it influenced Earth's climate, they are always on the look-out for signs that it might be happening again.

The quiet of 2008 is not the second coming of the Maunder Minimum, believes Hathaway. "We have already observed a few sunspots from the next solar cycle," he says. (See Solar Cycle 24 Begins.) "This suggests the solar cycle is progressing normally."

What's next? Hathaway anticipates more spotless days, maybe even hundreds, followed by a return to Solar Max conditions in the years around 2012.

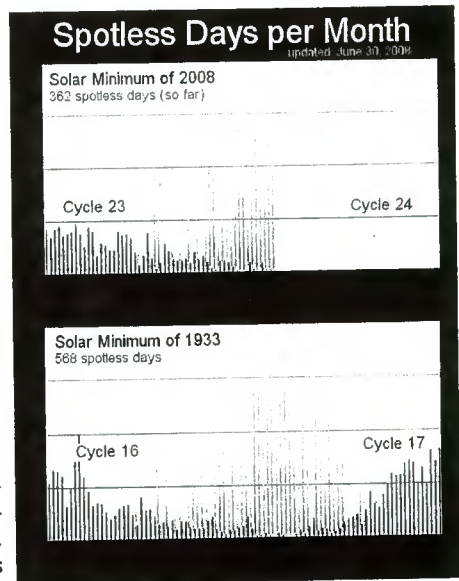
Stay tuned to Science@NASA for updates.

Author: Dr. Tony Phillips | Credit: Science@NASA

More information: Spotless Days 1 Another way to examine the length and depth of a solar minimum is by counting spotless days. A "spotless day" is a day with no sunspots. Spotless days never happen during Solar Max but they are the "meat and potatoes" of solar minima.

Adding up every daily blank sun for the past three years, we find that the current solar minimum has had 362 spotless days (as of June 30, 2008). Compare that value to the total spotless days of the previous ten solar minima: 309, 273, 272, 227, 446, 269, 568, 534, ~1019 and ~931. The current count of 362 spotless days is not even close to the longest.

The plot below compares the Solar Minimum of 2008 to a longer one in 1933:



Orange bars represent the number of spotless days per month. The ongoing solar minimum needs to accumulate another 206 spotless days before it matches the duration of the 1933 minimum, which is considered unremarkable by solar historians.

'I am Makarios, I am alive'

Leader's words mark historic anniversary for local station

By Bejay Browne

In the aftermath of the 1974 coup, famous words rang out from a ham radio station in Paphos. July 15 is an important anniversary for Radio Paphos, which was the first broadcaster to inform the island that deposed President Makarios III was still alive.

On that day in 1974, the Cypriot National Guard and EOKA-B launched a coup to overthrow President Archbishop Makarios III.

The control room at Radio Paphos in 1974.

Radio Paphos is a symbol of the island's history. It was from these studios (picture) that Archbishop Makarios told the public that he was alive and had escaped after the 1974 coup, 34 years ago today.

The studio that the historic broadcast came from has remained untouched for over three decades.

Radio Paphos still enjoys popularity and can be heard broadcasting on FM and on the internet.

The presidential palace in Nicosia came under artillery fire from tanks, while Makarios was greeting a group of schoolchildren from Cairo. The presidential guard fought for several hours until the rebels stormed the building and set fire to it.

Makarios fled to the safety of Kykkos Monastery and mulled over his options.

At that time, Nicos Nicolaides was a CyBC technician in Paphos and was unaware that his life was about to change forever.

Fotis Nicolaides, the middle of three of Nicos' sons, was only nine at the time and remembers his father's story.

"My father was a technical whizz and could fix anything," he told the Cyprus Mail.

"He was so good with electronics, he even built his own amateur radio broadcasting equipment, which he used from time to time."

He continued, "My father was astounded when he heard about the Greek junta and the coup. He wasn't sure if the President had been killed."

State media broadcast Makarios' demise at the time, as it was presumed the President had been assassinated.

"My father had the idea to broadcast a message to other patriots across Cyprus, to stand up to the Junta."

Nicos Nicolaides went to the head of Makarios' support base in Paphos, Mikis Tembriotis, who gave the idea his blessing. Many people came that day to broadcast on the airwaves of The Free Radio of Cyprus, as my father called it."

The radio was set up in Nicolaides' workshop, and broadcasts were made in Greek, English Arabic, French and Spanish.

Makarios, still in Kykkos, heard these messages on a small transistor radio he carried with him, and took the decision to travel to Paphos to broadcast to the nation he was still alive.

The deposed president found a safe-haven in the Cathedral in Paphos; and Nicolaides and other amateur journalists met with him, and recorded his message. Makarios spoke in Greek and English, and the Free Radio of Cyprus repeatedly broadcast the message continually for hours, to bring hope to the people and spur them into action.

Armed volunteer guards surrounded the workshop in the now named Nicos Nicolaides Street, offering their loyal service.

Israel picked up the message, and sent it to the BBC for conformation that the voice was indeed Makarios'. This was verified and the

speech was broadcast later in the evening of July 15, by CyBC in Cyprus.

The coup d'état, had installed Nicos Sampson, as the de facto President of Cyprus, following the deposition of Makarios.

Nicolaides son explained the implications of this broadcast,

"This was very important, the international community believed Makarios was dead and governments were on the verge of recognising Sampson as the new President," stressed Nicolaides. "Because of my father and those who helped him, this didn't happen."

Samson was only President for eight days, and failed to gain diplomatic recognition during that time. Glafcos Clerides was sworn in as acting President soon afterwards.

Nicos Nicolaides died of a heart attack in 1995 but not before overseeing the Free Radio of Cyprus evolve into a successful local radio station, Radio Paphos.

The Nicolaides family are hoping to obtain official museum status for Nicos' workshop, which still stands today, full of equipment and memorabilia, used to broadcast more than thirty years ago.

[Cyprus Mail article via Harald Kuhl - Germany]

Loudenboomer Report: Message from a Mountaintop

By Charlie Loudenboomer

My friends:

Now that I have again surfaced in the DX world, prompted by the Guinness folks who were so impressed by my long record of writing about this interesting-albeit-moribund radio hobby, I realized that I must get with the 21st Century. The first step had to be getting a new rx. Just scrubbing the accumulated bat guano from the dim tubes of the old Hammacatcher SX-180 failed to breathe life into the old "shackwarmer." And no matter how I try, I can't get the Froggy-7 to bring in decent signals from Radio Hong Kong any more.

One of the monks here recently subscribed to Penthouse-XXX, or that's what he thought he was buying when that door-to-door magazine salesman knocked on the monastery door. There was a mix-up and he started getting Pop-Conn by mistake. Since there were no dirty pictures in it—only some old guy named Dexter on the cover—he tossed it out. I picked up the discarded magazine and there I saw an add for something called a software-defined-radio. It was called Percyus and I guess they're made in an former spaghetti factory outside Milan. The most

modern technology, the ad said. All you need is this little box and a computer and you can tune in the world.

Sounded good, but I don't need to send a kajillion bucks to some guy in Italy. I got a computer and plenty of empty boxes. I'll make my own. I looked at the picture in the ad and used my old fashioned CL horse sense to figure it out. First I took a digital photo of my old Hammascatcher. I always liked the way that rx looked. I scanned it into my computer and brought that picture up, full size, on the screen! There were all the old familiar knobs and switches. So I placed my fingers on the screen and began twisting the virtual dial and flicking on and off the images of the switches. The controls had a nice, easy feel to them, smooth, no resistance, no annoying switch clicks. I have to say, it's the quietest darned rx I've every used. That computer technology is something, I tell you.

I've been using my pseudo-Percyus for a short while now, and the only thing that bothers me about it is that I still can't hear Radio Hong Kong.

73, CL

Report Forms and Buggywhips

By Don Jensen

Not long ago, a question was posted on NASWA's Yahoo e-list, Where, on-line, can I find report forms, a NASWA member asked? An interesting, and surely, a serious question worth a serious answer. But to me, at least, it was akin to asking where can I buy a new buggywhip. Yes, I suppose there still are some people who drive horse-drawn vehicles—the Amish, for instance, here in Wisconsin—but for most people, a buggywhip is merely an artifact from the past, a curious novelty in this day and age. To me, report forms fall in the same category.

Because times have changed, and some no longer even send reports to SW stations, perhaps I should begin by discussing report forms. In earlier DX times, listeners could use such printed forms, filled in with the usual sort of reception data—time, date, frequency, abbreviated explanation of the conditions or reception, often by SINPO code numbers, and a brief description of programming heard, to report their listening to stations. Most clubs offered a standardized form their members could use. Some stations supplied their own forms (and at their websites, some still do). The NASWA member's e-list question was simply where could he find such forms today?

To me, though, the question is more "why use them," than "where can I find" report forms. In earlier times, there were valid reasons. The historical answers were: 1. Report forms are quick and easy to fill out and send, and, 2. Most of us are not proficient in writing in various foreign languages, and foreign language report forms get us past the "translation problem." But with computers, the world has changed and the historical answers no longer make much sense.

The basic problem with "forms," past or present, is that they take the "one size fits

all" approach. A personal letter, not some form, always has been preferred. We sent reports hoping for replies (QSLs). At the other end, which sort of report is likely to move the recipient to respond, a bland filled out "form" or a highly personalized report complete with details about you and your listening likes and dislikes. It is rather obvious that, on average, a personalized letter will draw more responses than some generalized form.

But, in times past, writing such letters took considerable time and effort, so some DXers used report forms that could be filled in and mailed, quickly and easily.

The second issue is that, in the past, even if one had the time and inclination to write a detailed personalized letter rather than using some standardized form, what did one do about getting it translated into the language of the station, Spanish, Portuguese, French, German or whatever? If you didn't have a linguist friend or relative, or didn't want to pay a professional to translate it, you were out of luck, unless you HAD an already translated standard forms in those languages.

Computers, obviously, have changed all this. One can create a very personalized letter-report. Saved, and by changing only minor bits to fit a new logging, it can be printed out and reused as easily and quickly as some printed form. By cutting and pasting, and using the Google Translate site (www.google.co/translate_t—please note the underline at the end, between the e and the t) to change that report letter into any one of the other major languages. The problem—an inability to write fluently in a foreign language—is solved easily and quickly.

In short, in 2008, report forms are as archaic as buggywhips and, IMHO, aren't at all worth bothering with.

DX Philatelic

Everybody Likes a Mystery

By Christer Brunström

Everybody likes a mystery. This edition of PlayDX Philatelic features a rather mysterious stamp issue.

There aren't many mysterious stamps in a collection of radio related items. Most stamps depict specific radio stations which can be easily identified. In addition, there are radio license fee stamps and poster stamps advertising radio stations.

Recently, I acquired a set of stamps from Czechoslovakia which pose a number of questions. They don't carry any country name but it's fairly obvious that they were printed in Czechoslovakia. The values are Kc which is short for Czechoslovak crowns. Also, they were purchased from a Prague stamp dealer.

The stamps are all inscribed Radio Propaganda and they were probably printed some time in the 1930's.

My sources in Prague suggest that they were intended for some kind of tax or fee on radio equipment. Thus the stamps were intended to help spread information about radio broadcasting. This was a system used by Norway between the two wars.

Another theory is that they were intended to pay for government propaganda. Getting Czechs and Slovaks to cooperate in the newly

formed Czechoslovak Republic was possibly quite difficult and radio could certainly be used to improve relations between the two peoples. Also, at the time the country had a sizable German-speaking minority.

Let's take a look at the stamps. Type I are rectangular in an upright format depicting the globe. Denominations are 1, 2, 5 and 10 Kc. They have all been perforated with the letters EK.




Type II is also rectangular and shows two antenna towers in a mountain landscape. Denominations are 2, 4, 10, 20 and 40 Kc and most are perforated EK.

The stamps are only known unused which would suggest that they were never used. Possibly they are essays, i.e. labels prepared for possible use. About ten years ago some 50 sets were found in an archive in Prague and they were later sold to a local stamp dealer.



What was the exact purpose of these stamps? When were they printed?

Why are there different designs of the same value? Perhaps some PlayDX reader can help us with the answers? They are not listed in the specialized catalogue of Czechoslovak revenues.

[The above appeared in Play-DX, issue No. 1406, dated April 21, 2008] 

Soviet Radio Fee Stamps

by Christer Brunström

Who actually invented radio broadcasting? The answer depends on where you put your question. In Italy the obvious answer is Guglielmo Marconi and in Russia people will most certainly state that Aleksandr Popov was the inventor.

The truth is that several scientists contributed a number of important discoveries to make functioning radio broadcasting possible. Apart from the two previously mentioned gentlemen we also have names like Edouard Branly, Heinrich Hertz, Edwin Howard Armstrong and many others. However, in this article I intend to spotlight Aleksandr Popov and a set of most interesting radio fee stamps from the Soviet Union.

Popov was born in 1859 and took an early interest in physics and electricity. For a while he worked as a teacher in Kronstadt teaching military students at the Russian Navy Torpedo School. In 1901, Popov was appointed professor at the electro-technical university in St. Petersburg.

He was very familiar with Hertz' discoveries about the electro-magnetic waves and quite early on he realized that they could be used to broadcast messages. He put forward these theories in 1895 and carried out a practical experiment successfully the following year.

At about the same time Marconi was carrying out similar experiments. Today radio experts tend to believe that Marconi's work was of more importance for the first radio broadcasts than that of his Russian competitor. Popov died in 1906 and never had the pleasure of listening to a radio broadcast.

In the Soviet Union, Radio Day was celebrated on a yearly basis. On several occasions stamps depicting Popov were released to mark the day.



During my many years of collecting the radio topic on postage stamps I have frequently met with different kinds of fiscal stamps used to denote payment of various radio related fees. Most often the stamps are issued in connection with the payment of radio licence fees. In other cases they were used to collect fees on radio equipment.

In 1926, a long set of radio fee stamps were printed in the Soviet Union.

The ten lowest values ranging from 1 kopek to 10 roubles are triangular in size and depict a radio valve. They were supposed to indicate that a fee on radio listening equipment had been duly paid for. In view of the many different denominations there must have been a rather detailed table of varying fees.

The three top denominations (25, 50 and 100 roubles) were intended to cover the fee on radio transmitting equipment. These are handsome large-size stamps depicting Aleksandr Popov surrounded by antennas and transmitter stations. There is also a microphone below Popov's portrait.



The set appears to be quite scarce today. Offers on eBay and other auction sites are quite unusual.

So far I have only seen mint copies on offer; this could suggest that the stamps were never actually used. The illustrated 50-rouble

stamp is overprinted Specimen in Russian.

The stamps are included in John Barefoot's *Russia Revenues* (York 2004) where a complete set is valued at 855 British pounds (currently more than US\$1,700.00). However, in the revenue field catalogue values are quite often just intelligent guesses as many of the stamps are seldom traded in the philatelic marketplace.

It took me a very long time to complete the set. I obtained the triangular stamps more

than ten years ago. The high values are a recent addition.

As is often the case when it comes to the more unusual Cinderella's additional information is needed to complete the story. Perhaps some reader can add to our knowledge about these elegant stamps?

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Radio St. Helena Shortwave Transmitting Sites

By Robert Kipp

During the 1990s, the transmitter and the dipole antenna were both located at the Cable & Wireless facilities at The Briars southsoutheast of Jamestown, St. Helena.

After Radio St. Helena Day 1999 ("The Final Transmission"), C&W sold the old Redifon G423B (1500 Watt) transmitter for scrap.

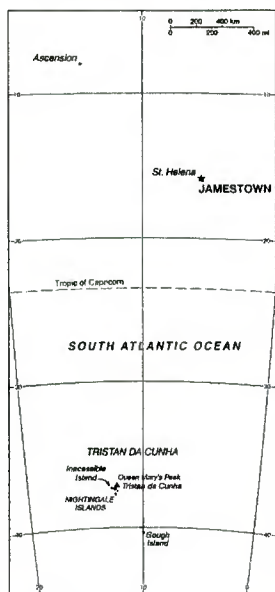
In November of 2006, the dipole antenna was still stretched between two tall masts next to and on the north side of the main C&W building. The dipole runs about east-west and radiated, therefore, essentially north and south. However, to the south of C&W, the valley comes to an end. This explains why Radio St. Helena, during the 1990s, was mainly only heard in Europe and eastern North America.

The RSD shortwave broadcasts were reintroduced in 2006 with the "Revival Transmission" and continued in 2007 with the "Double Anniversary" broadcasts: In 2007, Radio St. Helena celebrated 40 years of broadcasting on 1548 KHz mediumwave

and that 2007 program was the 10th official transmission on shortwaves.

The shortwave transmitter and the 3-element monoband Yagi beam antenna (with full sized elements without traps) atop a

12-meter tall tower are now both located at the Radio St. Helena Broadcasting House in the Pouncey's area of the island. This location is fairly high above sea level and is relatively free of obstructions in all directions. This helps to explain why the RSD shortwave broadcasts can now be heard in many parts of the world that never heard the programs before. The new transmitter and power amplifier combination are usually operated by Radio St. Helena at an output of 1000 Watts. As in the 1990s, the programs were broadcast in Upper Side Band and on the special frequency of 11092.5 kHz.



The 2007 QSL card lists Radio St. Helena at 15° 57' S by 5° 44' W. This is only approximate and actually appears to be on some quite green isolated hill side, when using some map / satellite photo programs in Internet.

Using a 1:25000 map of the island, the Broadcasting House would appear to be at about 15° 57' 18" S by 5°43' 30" West. This is also only approximate, due to the difficulty of reading the geographical coordinates from the scales on the map edges.

Using some map / satellite photo programs in Internet

Using www.flashearth.com, select "Yahoo!Maps" and set the cursor (centre of the screen) to Latitude 15° 57' 33.5" South by 5° 43' 8.8" West. This appears to be right on the Radio St. Helena Broadcasting House. The shortwave tower is just off the lower right edge of the building, and the two mediumwave towers can be found stretching northeast from the building, if one knows where to look. The Cable & Wireless complex at The Briars appears to be at 15° 56' 33.5" South by 5° 42' 31.5" West.

Using maps.google.com, try the following. Select "Satellite" pictures and do a "Maps Search" on "Jamestown St Helena". The red flag is not where Jamestown really is located, but it is close. Select a resolution of 500 Meters (lower left in picture). Move the red flag into the upper left corner of the picture. Just a bit below and to the right of the middle of the picture is The Briars area, and one sees a blue rectangular object. Keep the blue building in the middle of the picture and change the resolution to 200m , then 100m, and then to 50 Meters. The Cable and Wireless complex is just to the right of the blue building(s).

Going back to a resolution of 500meters or 200meters, it would appear that the map area shown here does not reach far enough south to be able to find the RSH Broadcasting House. (July 2008)


Fixed-Tuned Radios

By Marlin A. Field

The pre-tuned radios are back. Back in the early 1960s, when I had started DXing, I had a visit from Doug Peters of HCJB, who was speaking at a local church and stopped by because of my involvement in the program.

Since 2001, when the current project was inaugurated, HCJB has distributed over 24,000 of these radios according to Heidi Jones, HCJB's director of station relations. Many of these radios have gone to Sub-Saharan Africa—countries such as Burundi, Democratic Republic of the Congo, Kenya, Lesotho, Madagascar, South Africa and Tanzania—countries which have felt the taste of poverty, drought, disease, and war. These radios have gone not only to individuals but also to churches, prisons, nursing homes, squatter camps, and broadcast organizations.

One of the latter is Radio Kahuziin in the Democratic Republic of the Congo, operated by Richard and Kathy McDonald. The broadcasts on these radios are in six languages—French, English, Kikongo, Mashi, Lingala, and Swahili. The McDonalds tell how some of the Mai Mai militia soldiers in their pillaging ran across some of the radios that belonged to local listeners clubs. After listening to the pre-recorded programs, some of the soldiers formed their own church. In the absence of a trained pastor some of the soldiers took over the job.

These radios are somewhat different now from those of the 1960s. Now they are called fixed tuned radios. They are solar powered in that when the batteries run down they can be recharged by the sun. They were designed by the staff of the HCJB World Engineering Center in Elkhart, Indiana. 

Kim's Column

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This column, with links, is available at this URL publicized only to NASWA members: <http://kimelli.nfshost.com/index.php?id=4494>

Faustian bargains in post-shortwave international broadcasting?

Jeremy Harding, in the London Review of Books, has an essay about the transition of BBC World Service delivery from shortwave to FM relays. Sure, most people would rather listen to BBC on FM than shortwave. But...

"When the Nigerian government stopped local stations rebroadcasting foreign news programmes in 2004, the World Service lost 1.5 million listeners. When the same rule was imposed in India, the losses were far higher—around 12 million between 1995 and 2002—and signalled a 'dramatic drop in overall radio listening', according to the BBC.

"FM listeners are the denizens of large cities. If they have access to a good shortwave radio, they can always fall back on the traditions of the rural areas (this is what happened in Nigeria), where shortwave is still the way to pick up the service. It would be a high-risk strategy to move production away from Bush House to local stations, even if it meant saving millions of pounds in overheads and salaries by paying programme makers at local rates. What if national broadcasting regulators in Country X decided some of the content was undesirable? The answer, possibly, is that it could be fed to Bush House and repackaged for shortwave broadcast while being kept off the local FM outlet. But it wouldn't be long before a local station producing controversial shows for transmission from outside the country (and back into it) came under pressure."

Harding is making a point about the BBC's plans to "offshore" many of its broadcast-

ing jobs. BBC South Asian broadcasters now working at Bush House would have to move back to Pakistan, India, or Bangladesh, and carry on from there—at salaries prevailing in those countries rather than in the UK.

When BBC broadcasts are via FM transmitters in the target country, rather than via a shortwave relay over which BBC has control, that's also "offshoring." A recent early day motion in Parliament claims that World Service has turned over some editorial control of its Urdu broadcasts to the Pakistani regulator PEMRA, in order to have access to FM in that country.

It was, ironically, not the BBC but UK Foreign Office Minister Jim Murphy, who responded: "BBC World Service has total editorial control over its programming whether that programming is broadcast directly by it on short wave or medium wave or via third party distribution arrangements." Maybe Murphy replied because he is an MP, and early day motions are Parliamentary proceedings.

By the way, Jim Murphy is also editor of *Engagement: public diplomacy in a globalised world*, a new collection of readings, all of it available online at the Foreign & Commonwealth Office website.

Can a satellite be designated a terrorist?

Pakistan is not the only country to regulate international broadcasting. The United States does it, too, by declaring certain insalubrious television stations such as the Hezbollah's Al-Manar to be a Specially Designated Global Terrorist, or SDGT. New legislation, H. Res. 1308, introduced by Rep. Gus Bilirakis (R-FL), asks the president to extend SDGT status to the Hamas' al-Aqsa TV. But it also calls for satellite companies that relay SDGT television stations also to be declared SDGT.

Bilirakis is taking aim, particularly, at Arabsat and Nilesat. A problem he perhaps is overlooking is that Arabsat and Nilesat are also the main conveyances of Alhurra, the U.S. Arabic-language television service. If Alhurra is forced to quit Arabsat and Nilesat because they are SDGTs, it will lose most of its audience.

Shortwave might outlive a short-wave replacement

When satellite radio broadcaster WorldSpace launched the first of its two satellites in 2000, it positioned itself as a replacement for shortwave -- with the usual derisive descriptions of shortwave reception. Now it seems that shortwave may outlive WorldSpace. The satellite company, with less than 200,000 subscribers, is having cash flow problems. It apparently has not paid repaid its bridging loan debt-holders more than \$20 million by the July deadline.

So what to do? Rebrand! WorldSpace is now 1worldspace. Go to the www.worldspace.com website, and your browser bounces over to www.1worldspace.com. And there is also a new tagline: "I am many; my world is 1." They actually paid a Washington marketing agency for that. (I think the semicolon is a particularly nice touch.)

I have a soft spot for companies that attempt audacious new technologies. So I'm not salivating at the prospect of Worldspace, or WorldSpace, or 1worldspace, liquidating. But, if it does, here's a new tagline (free of charge): "I am history; my world is 0."

U.S. international broadcasting on your cable TV?

A strange item in InsideDefense.com: Rep. Ileana Ros-Lehtinen (R-FL) "is set to introduce a bill seeking to reorganize the Broadcasting Board of Governors (BBG), a congressional aide told Inside the Pentagon on condition of anonymity. ... Under the proposed legislation, the BBG may begin to negotiate licenses with American cable

television systems to broadcast its programs in the United States, he explained. The legislation also 'consolidates overlapping bureaucracies' and appoints a director of international broadcasting instead of leaving the task to the board itself, the congressional aide said."

Consolidating overlapping bureaucracies makes sense, but little else in this story. She wants to set aside the famous domestic dissemination prohibition of the Smith-Mundt Act of 1948. But what content would she put on U.S. cable systems? VOA has a 24-hour English television channel, but, with its bargain-basement acquired programming, not one that anyone would want to watch. Maybe the Cuban-born Ros-Lehtinen is trying to get an exemption to allow TV Martí to be seen by the Cuban-American community in Florida.

If there is to be a rewrite of the domestic dissemination prohibition, it should acknowledge the ability and the right of Americans to see what the U.S. public diplomacy and U.S. international broadcasting are transmitting to the world. But here, a distinction should be made between voluntary and involuntary means of doing this.

If an American wants to go to a website, or write to the State Department to get a transcript, or purchase a video through the Government Printing Office, no problem. But if the U.S. government starts to promote its policies using channels on your cable system, or commercials inserted within your favorite television program, or on billboards visible during your morning commute, questions should be asked.

It does happen: armed forces recruiting, Smokey Bear, your deposit insured by FDIC, etc. But administrations advocating their policy goals on your television, or on signs along the freeway? For a taste of that, visit Cuba. Oops, Rep. Ros-Lehtinen wouldn't like that very much.

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

KAW

Listener's Notebook

Al Quaglieri • P.O. Box 888 • Albany, NY 12201-0888 • listenersnotebook@gmail.com

ANGOLA 4949.77 *Radio Nacional*, 0032-0050 July 11. At tune in, noted music, a mixture of non-descript and hiLife music. By 0038 no comments heard from anyone yet. However, by 0042, a male comments in Portuguese language. The signal was at a poor level. Notice the frequency being off by 23[0] Hertz. This isn't what I recall from other loggings. Usually the transmitter is right on 4950 kHz. (Chuck Bolland, FL/DX Listening Digest/Hauser-OK)

4949.82 *Radio Nacional*, 0533, weak in Portuguese with no ID, so presumed only. 14th July (David Norrie, NZ/DX Listening Digest/Hauser-OK)

AUSTRALIA 2368.5, 0828, *Radio Symban*, Sydney first noted 12/6 and several subsequent days only. Many ads in Greek. 1 kW transmitter put in very good signal overnight, audible from 0600 right through to 2000 and later. Email QSL back in one day. (Bryan Clark, NZ, July NZ DX Times/DX Listening Digest/Hauser-OK)

BRAZIL 3365 *Radio Cultura*, Araraquara, SP, 2055, Jun 28, local basketball match, heard again after a long absence. (Casio/DSWCI DX-Window/Petersen-DK)

5869.98 *Radio Voz Missionaria*, Florianopolis, SC, 2045-2055 and 2145-2205, Jul 08, different religious programs in Portuguese, many ann, ID: "...transmisao da Rdio Voz Missionaria da Florianopolis...", another ann: "...Voz Missionaria...estamos todos os dias..." (Slaen-Argentina/DSWCI DX-Window/Petersen-DK)

<http://www.gmuh.com.br/radio/vozm.htm>

<http://www.gmuh.com.br/radio/historia.htm>

Also planned on 11750 kHz in 25 mb

(Wolfgang Bueschel, BC-DX/DX Listening Digest/Hauser-OK)

BURKINA FASO RTV Burkina has reactivated 5030 after several weeks. First day I heard it was July 1st, 1845, but not much later. July 2nd it was heard between 1900 and 1950 in good quality, but not any more at 2145. Maybe still testing. 73 from (Muenster, Germany, July 4/DX Listening Digest/Hauser-OK)

CANADA With regard to CFRX: It's getting close to the big switch being flipped at CFRX. Just about everything is wired up now. The antenna tuning unit, which goes at the base of the new vertical, has been re-built but still needs to be mounted and tuned. Holidays for the engineering staff have now slowed things a little further.

One of the editors of a popular shortwave magazine made comment that considering a new transmitter was purchased, why stick with 1,000 watts, why not more power to broadcast a better signal? Also, why the same frequency? Both are odd comments and the editor should know better; CFRX is licensed for 1,000 watts on 6.070 MHz. It's not on a protected frequency (if such a thing exists on shortwave) so whatever happens on or around that frequency CFRX will have to compete with, and so shall we as listeners. Its also not licenced as a shortwave broadcast station that can change power and frequencies to follow the seasons. Its mandate has always been to re-broadcast the programming of CFRB 1010 kHz, 24/7. Its re-activation will be noticed!

We just have to wait a little more. Hope everyone is having a great summer. 73 (Steve Canney, July 22, VA3SC & VE3DUQ, VA30DX UHF Repeater (442.225 MHz), CFRB/CFRX QSL Manager (17 years), CFRX/DX Listening Digest/Hauser-OK)

CLANDESTINE 6015 *Shiokaze - Sea Breeze* via Yamata, Japan (new frequency—temporary move from 6020?), *1400, July 21, in Japanese. Is this their new anti-jamming alternative frequency (ex: 6005) or a new primary frequency (ex: 6020)? Am glad they did not return to 6005, due to the interference caused there by Echo of Hope on 6003. Before 1400 heard weak Asian station (assume PBS Xinjiang), ToH pips and assume it was CNR-8 that was totally covered by Shiokaze signing on after the pips. Am grateful to Dan Sheedy for this tip. He first heard them here on July 16. (Ron Howard, CA/Cumbre DX)

9640 *Radio Republica*, *0000-0140, Jul 07 and 08, Spanish sentence continued 5 seconds after it was interrupted on 9515! ID. New frequency, ex 6155. (Hauser and Petersen/DSWCI DX-Window/Petersen-DK)

As expected, *Voice of Biafra International* finally shifted to 15280 via WHRI, for the Friday-only 20-21 UT broadcast, ex-17650 [not 17690 as in original post]. July 11 at 2000 opening with no glitches, different format than previous weeks, first Finlandia by a distinctly non-Nordic band, ID but no mention of frequency or meterband, then soprano with "All Hail Biafra" anthem—I think that was the title, which lasted past 2005 when I suspended monitoring until 2057 recheck. The orator this time mentioned 19 meter-band, but still no specific frequency. WHRI phony-enthusiasm announcer did however then say 15280 as they were about to QSY to 7385. WHRI generalized frequency schedule still shows 17650, and the Angel 1 specific program

schedule does too, but on the other six days of the week during this hour, 9495, which may still be the case (Glenn Hauser, OK/DX Listening Digest)

COLOMBIA 6010 *La Voz de tu Conciencia*, Lomalinda (t), 0811-0840, Jul 15, Spanish religious talk with soft easy listening religious music, choir vocals, possible ID. (D'Angelo-PA). "Pray that we will be able to get our most important radio station (The Voice of Your Conscience on 6010 short wave) back on the air. After many years of faithful service all three of the expensive 5000 watt tubes in the transmitter came to the end of their service life and burned out. The bill to fix the transmitter will be ten thousand US." (Russell and Marina Stendal, "Colombia Para Cristo" Newsletter, via DXplorer/DSWCI DX-Window/Petersen-DK)

CUBA Radio Habana Cuba

0000-0100	French	9550
0000-0100	Spanish	5965 6000 6140 6180 9600 11680 11760 13760
1400	Spanish	11670 11875 13680 13750 17750 Su "Al Presidente"
0100-0130	Creole	9550
0100-0200	Spanish	5965 6060 6140 9600 11680 11760 13760
0100-0500	English	6000 6180
0130-0200	French	9550
0200-0500	Spanish	5965 6060 6140 9550 9600 11680 11760 13760
0500-0700	English	6000 6060 6180 9550
0700-0730	Esperanto	6000 Su
1100-1300	Spanish	6000 6180 9550 9600 11760 11805 12000 13760
1300-1400	Spanish	6000 9550 11760 11805 12000 13680 13760 15370
1400-1500	Spanish	9550 11760 11805 12000 13680 13760 15370
1500-1530	Esperanto	11760 Su
1930-2000	Esperanto	11760 Su
2000-2030	French	11760
2000-2030	Portuguese	11750 11800
2030-2100	Arabic	11750 11800
2030-2130	English	9505 11760
2100-2300	Spanish	9550 11750 11800 13760 "Revista Iberoamericana"
2130-2200	French	11760
2130-2200	Creole	5965 9505
2200-2230	Portuguese	17705
2200-2230	French	5965 9505
2230-2300	Guarani	17705
2230-2300	Creole	5965 9505
2230-2400	Spanish	6000 9820 "Mesa Redonda"
2300-2330	Portuguese	13760 17705
2300-2330	French	5965
2300-2400	English	9550
2330-2400	Creole	5965
2330-2400	Portuguese	13760

2330-2400	Esperanto	5965 6140 9600 Su
2330-2400	Guarani	17705
2400-2430	Quechua	17705

(Eduardo Penailillo Barra, July 20/DX Listening Digest/Hauser-OK)

INDONESIA 3578.75, 7/12 unknown station here from 1149 tune with vocal music just above threshold level. At 1228 a woman was clearly heard to past 1245—language unknown but had the sound of Indonesian. WRTH shows RSPK Ngada on Flores Island (Lesser Sunda Islands) in the town of Bajawa while PWBR shows RSPD Maluku Tengah on Seram Island in the Moluccas (same Island as the old RRI Ambon) in the town of Masohi. No ID's heard so anybody's guess what this really is. Either way, the power should be at or less than 500 watts. Either RSPD (Radio Siaran Pemerintah Daerah) or RSPK (Radio Siaran Pemerintah Kabupaten) would be District government stations. (Bruce W. Churchill, CA, Cumbre DX/DX Listening Digest/Hauser-OK)

Bruce: QSL from the station indicates the following: *Radio Siaran Pemerintah Daerah (RPD)* Kabupaten Daerah TK. II Ngada. The term "Pemda" that might be indicated means "Pemerintah Daerah"—an abbreviation. This was from a reception in 1996 from the state of Washington during a DXpedition at Whidbey Island. Power is 500 watts.

If you have this, then you have to try for the more powerful station—RPDKTII Manggarai 2960 kHz. I found this one louder from N. Australia than the one in Ngada, but the one in Ngada was easier to verify. RPDKTII Ngada is in the town of Bajawa on Flores. The other one you mention is Radio Siaran Pemerintah Daerah Tingkat II Sumba Timur 3578 kHz in Soe, Sumba Timur. Its power is 250 watts. This from QSL I received for logging in Australia (Darwin) in 1998.

The WRTH is right re the location of the Ngada station, although the station you are listening to is probably the one from Sumba Timur; it was initially reported by the DuDXers back in the 1970's, and has been on 3578 ever since per my information. It sounds to me like the PWBR is incorrect in this instance.

Incidentally, a great, and for my perspective the best, source of information on Indonesia (geographically) is a series of books (a total of 8 books in all) called PERIPLUS Adventure Guides put out by Periplus Editions, published in Singapore. My set was purchased in various stores in Australia back in the mid 1990's. You want to see detailed maps of Flores? It's in this set. You want a street map of Kupang? It's there. The books are, in my judgement, priceless, although I may be biased in this judgement. They sometimes are hard to find also, almost as hard as getting a QSL from Bali was. Hope this helps. (Dan Henderson, DXplorer via Wolfgang Bueschel/DX Listening Digest/Hauser-OK)

Voice of Indonesia (VOI), Revised tentative schedule

0200-0300	English	9526
0300-0400	Indonesian	9526
0900-1000	Korean	9526
1000-1100	English	9526
1100-1130	Chinese	9526
1130-1200	Japanese	9526
1200-1300	Indonesian	9526
1300-1400	English	9526
1400-1500	Malay	9526
1500-1530	English	9526
1600-1700	Indonesian	9526
1630-1700	Hindi	9526
1700-1800	Arabic	9526
1800-1830	Spanish	9526
1830-1900	German	9526
1900-2000	French	9526
2000-2100	English	9526

Note: Alt. freq. 11785 kHz (WRTH July update/DX Listening Digest/Hauser-OK)

MYANMAR 9730.74 *Radio Myanma*, 1347-1512*, June 30, in vernacular (assume Burmese Service), long segments of talking with no music till sign-off, one portion had talk about "environmental" issues (the English word used many times), indigenous instrumental music at sign-off, QRM splatter from adjacent stations till 1357, then in the clear, signal gradually improving to almost good reception, not / 5985.0. Am grateful to Victor Goonetilleke of Sri Lanka for his tip for the sign-off time. Myanmar has still not returned to their pre-cyclone frequency of 5040.6. (Ron Howard, CA/Cumbre DX)

I have discussed this with Victor and Alan Davies, and Alan suggests this is the Minorities and Educational services programming, which has been moved from 5040 to 9730 kHz. I have tried my best to catch an ID, but the signal is too poor and the Burmese IDs are not the easiest ones.

9730.77 Myanma R., 1411-1428, July 23, in English and vernacular, English lesson with a series of questions and answers ("Question Number 10: Do the Japanese drink tea?"), 1424 into vernacular, weak. Clearly this is their Minorities and Educational Service (ex: 5040.6). Thanks to tip from Dan Sheedy. He heard what sounded like an English lesson here on July 12, at 1503 (Ron Howard, CA, DX Listening Digest)

OMAN *Radio Sultanate of Oman (RSO)*—The transmissions from Seeb (seb) site are currently off. The transmitter site is planned to be relocated in the near future (WRTH July update/DX Listening Digest/Hauser-OK)

PERU On Jul 20 Bob Wilkner sent me this activity list of Peruvians on the Tropical Bands as heard during July in South Florida with cooperation from DXers in the U.S, Brasil, Denmark, Colombia, Bolivia and Argentina:

Legend:

A: Logged 1000-1130

B: Logged 2330-0200

I: Irregular

XXX: Off the air.

3329.7 *Ondas del Huallaga*, Hunuco: A B
 4484.9 *Radio Frecuencia V H*, Celendin: B
 4746.9 *Radio Huanta 2000*, Huanta, Ayacucho: A B
 4774.9 *Radio Tarma*, Tarma: A B
 4789.7 *Radio Nueva Atlantida*, Iquitos: XXX
 4790.1 *Radio Vision*, Chiclayo: A B
 4824.4 *La Voz de la Selva*, Iquitos: A B
 4826.4 *Radio Sicuani*, Sicuani: A B
 4835.6 *Radio Maranon*, Jan: A B
 4857.4 *Radio La Hora*, Cusco: I
 4949.9 *Radio Madre de Dios*, Puerto Maldonado: A only
 4955.0 *Radio Cultural Amauta*, Huanta: A B
 4974.8 *Radio del Pacifico*, Lima: A B
 4990.8 *Radio Manantial*, Huancayo: A, B more often
 5014.5 *Radio Altura*, Cerro de Pasco: B
 5025.0 *Radio Quillabamba*, Quillabamba: B. Covered by R Rebelde.
 5039.2 *Radio Libertad*, Junin: A only; never B
 5120.4 *Ondas del Suroriente*, Quillabamba: A B
 5460.1 *Radio Bolivar*, Bolivar: A B
 5470.8 *Radio San Nicolas*, Rodriguez de Mendoza: A B
 5486.7 *Radio Reyna de la Selva*, Chachapoyas: A B. (Wilkner/DSWCI DX-Window/Petersen-DK)

SINGAPORE I'm listening to the English service of *Radio Singapore International* on 6080 as I type this at 12:20, // to weaker 6150 (under CC cochannel). Signal in the clear except for some adjacent splatter, so appears that they will more likely sign-off at the end of this month. Overall good reception. (Salmaniw, Victoria, BC 3July08/Cumbre DX)

SYRIA *Radio Damascus* 12085 kHz is inactive. (WRTH July update via DXLD)

TATARSTAN [non] 15110, *Voice of Tatarstan/GTRK* Tatarstan via Samara, *0410-0500*, July 10, open carrier noted at 0346, ToH continuous tone (one minute), open carrier, IS at 0410, ID in English, IS, "programa Tatarstan", assume news (item about America), followed by long interview, then into phone conversation, folk song, several mentions of "programa...", played folk song at sign-off, mostly poor to almost fair, heavy QRN. On July 9 reception was very poor (Ron Howard, CA, /DX Listening Digest/Hauser-OK)

UNITED KINGDOM (non) Summer A-08 Schedule of VT Communications Relays

Radio Japan NHK World

0000-0020	English	5960 SKN
0200-0300	Japanese	11780 SNG
0500-0530	English	5975 RMP
0800-1000	Japanese	11740 SNG

1030-1100	Burmese	11740* SNG Fr
1100-1130	English	9760* WOF Fr
1130-1200	Russian	11710 RMP
1130-1200	Russian	9760* WOF Fr
1130-1200	Thai	11740 SNG
1200-1230	English	17585 DHA
1230-1300	Vietnamese	11740 SNG
1300-1330	Chinese	11740 SNG
1400-1430	English	13630 RMP
1500-1700	Japanese	12045 SNG
1700-1900	Japanese	13740 DHA
2200-2300	Japanese	9650 DHA

Radio Prague

0000-0027	Spanish	7275 ASC
0330-0357	English	6080 SAC
1300-1327	German	9850* WOF Fr/Sa
1330-1357	English	9850* WOF Fr/Sa
2330-2357	Spanish	6000 SAC

China Radio International

0000-0057	Spanish	9745 BON
1100-1157	Portuguese	9870 SGO
1200-1257	Chinese	15440 SGO
1300-1357	English	15440 SGO
1500-1757	English	6100 MEY
1800-1857	Chinese	6100 MEY
2100-2157	Portuguese	17640 SGO

Gospel for Asia

0000-0130	SoEaAs langs	6145 DHA
1600-1630	SoEaAs langs	9810 DHA
1615-1630	SoEaAs langs	9810 DHA Su-We
2330-2400	SoEaAs langs	6040 DHA

Voice of Vietnam

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

Adventist World Radio

0100-0200	Vietnamese	15445 TAI Sa
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Radio Solh/Radio Peace

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

Radio Okapi

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

Sudan Radio Service

0300-0330	English	11805 DHA Mo-Fr
0330-0500	Arabic	11805 DHA Mo-Fr
0500-0600	Ar/En	13720 DHA 15325 DHA Mo-Fr
1500-1700	Ar/En	17690 SIN Mo-Fr
1500-1600	Ar/En	17690 SIN Sa/Su
1700-1730	Dinka	9590 DHA Mo
1700-1730	Zande	9590 DHA Tu
1700-1730	Moro	9590 DHA We
1700-1730	Bari	9590 DHA Th
1700-1730	Shiluk	9590 DHA Fr
1730-1800	English	9590 DHA Mo-Fr

RTA Radio Algeria (Holy Qu'ran Service)

0400-0600	Arabic	7150 SIN 7260 SKN
1900-2000	Arabic	9765 RMP 11810 WOF
2000-2100	Arabic	9765 SIN 11810 WOF
2100-2300	Arabic	7150 SIN 9710 SKN

BBC World Service:

0400-0500	English	5875* KVI
0500-0700	English	6195* KVI
1800-1900	English	5895* KVI
1900-2200	English	5875* KVI

BBC Darfur Salaam:

0500-0530	Arabic	12015 CYP 13650 CYP
1700-1730	Arabic	15515 CYP 17585 CYP

Southern Sudan Interactive Radio Instruction:

0600-0630	English	15215 DHA 15750 MEY Mo-Fr
0630-0700	English	11905 KIG 15760 DHA Mo-Fr
0630-0700	English	15530 DHA 15660 MEY Mo/We/Fr
1300-1330	English	12070 MEY 15390 MEY 15760 MEY Mo/We/Fr

Radio Vlaanderen Internationaal:

0700-0757	Dutch	NF 9590 SKN
1800-1857	Dutch	9590 RMP

Star Radio/Cotton Tree News

0700-0800	En/Others	9525 ASC
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KBS World Radio

0700-0800	Korean	9870 SKN
1430-1500	English	9460* WOF Fr
1800-1900	Russian	15360
1900-2000	Arabic	15365 RMP
2000-2100	German	3955 SKN
2000-2100	French	6145 SKN
2100-2130	English	3955 SKN

Trans World Radio Africa

0830-0900	French	11985 ASC
1300-1315	Afar	13745 KIG Fr/Sa
1730-1800	Tigrinya	9805 DHA S
1800-1845	Amharic	9895 DHA

IRIN Radio (Integrated Regional Information Network)

0830-0845	Somali	13685 DHA
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Free North Korea Radio

1000-1100 Korean 9490 TAI
 1400-1600 Korean 11560 DB
 1900-2100 Korean 7530 DB

Eternal Good News

1130-1145 English 15525 DHA Fr

Radio Free Chosun

2000-1300 Korean 11540 IRK 12125 ERV

Radio Taiwan International

1200-1300 English 9850* WOF Fr
 1900-2000 French 6045 RMP
 1900-2000 German 6185 SKN

North Korea Reform Radio

1300-1330 Korean 9950 TAI

Voice of Wilderness

1300-1400 Korean 11570 ERV 11640 IRK

Shiokaze

1400-1430 Ja/Ko/En/Ch 6005 YAM (alt 6020)
 2030-2100 Ja/Ko/En/Ch 5965 YAM (alt 6045)

Radio New Zealand International

1400-1430 English 9460* WOF Sa

Furusato no Kaze

1330-1400 Korean 9585 TAI Tu/Th/Sa
 1330-1400 Japanese 9585 TAI Su/Mo/We/
 Fr
 1430-1500 Japanese 11775 DRW
 1600-1630 Japanese 9780 TAI

Nippon no Kaze

1500-1530 Japanese 11690 DRW
 1700-1730 Korean 9820 TAI

Little Saigon Radio

1500-1530 Vietnamese 7390 TAI

Voice of Free Radio

1600-1630 Korean 11640 ERV

HCJB Global

1600-1630 Russian 11740 RMP
 2100-2145 Arabic 12025 RMP

SW Radio Africa

1700-1900 English 4880 MEY 12035 RMP

Eglise du Christ

1800-1830 French 15325 RMP Th

Voice of Meselina Delina

1800-1830 Tigrigna 17690 HRA Th/Fr

Voice of Biafra International

2000-2100 En/Igbo 15280 HRI Fr

Open Radio for North Korea

2100-2220 Korean 9950 ERV

Radio Republica

0000-0200 Spanish 9640 RMP
 0200-0400 Spanish 6100 RMP
 2200-2400 Spanish 9515 RMP

Cyprus Broadcasting Corporation

2215-2245 Greek 5930 CYP 7210 CYP 9760 CYP
 Fr-Su

(DX MIX, Bulgaria)

UNITED STATES WYFR Family Radio relays:

0000-0100 Indonesian 11865 PAO
 0000-0100 Vietnamese 11630 PAO
 0000-0100 Hindi 15195 TSH
 0100-0200 English 15195 TSH
 0400-0500 German 3955 SKN
 0500-0600 Portuguese 9525 MDC
 0800-0900 Korean 11895 TAI
 0900-1000 English 9450 IRK 9465 PAO
 1000-1100 Japanese 7245 K/A
 1000-1100 English 9450 IRK 9465 PAO 9900
 IRK
 1100-1200 Indonesian 11550 TNN
 1100-1200 Korean 9450 IRK
 1100-1200 Ilocano 9900 VLD
 1100-1200 Tagalog 11520 PAO 13850 VLD
 1100-1200 Chinese 6135 IRK 6240 PAO 7430
 A-A 9280 HUW 9865 P.K
 11725 KHB 12150 A-A
 1200-1300 Vietnamese 7460 PAO 11895 IRK
 1200-1300 Burmese 11560 HUW
 1200-1300 Cebuano 9465 IRK
 1200-1300 Indonesian 9615 IRK 11520 PAO
 15490 NVS
 1200-1300 Korean 5970 K/A
 1200-1300 Tagalog 13850 VLD
 1200-1500 Chinese 6135 IRK 6240 PAO 9280
 HUW 9865 P.K 11725
 KHB 12150 A-A
 1230-1330 Bengali 15340 DHA
 1300-1400 Burmese 11520 A-A
 1300-1400 English 11520 PAO 11560 HUW
 11895 IRK 13810 A-A
 15670 WER
 1300-1400 Kannada 17630 DHA
 1300-1400 Indonesian 9615 IRK
 1300-1400 Marathi 15640 NAU
 1300-1400 Telugu 17715 DHA
 1300-1500 Bengali 15350 NAU
 1400-1500 Gujarati 12055 SAM
 1400-1500 Hindi 5845 DB 15520 DHA
 1400-1500 Indonesian 13810 A-A
 1400-1500 Kannada 12075 SAM 15715 WER
 1400-1500 English 7320 TCH 9365 TAC 9615
 IRK 11560 HUW
 1400-1500 Marathi 9595 DHA 15640 NAU
 1400-1500 Nepali 7215 IRK
 1400-1500 Punjabi 9405 ARM
 1400-1500 Tamil 9625 NVS 17715 DHA
 1400-1500 Telugu 13590 SAM 15370 WER
 1400-1500 Urdu 12065 ARM

1400-1500	Vietnamese	9585 PAO	1900-2000	Arabic	9495 WER 9590 WER
1400-1600	Hindi	15670 WER			15165 RMP
1400-1600	Bengali	7510 TAC	1900-2000	Spanish	7340 MSK
1500-1600	Chinese	6240 PAO 9280 HUW	1900-2000	German	7320 SAM
1500-1600	English	6280 TSH 7320 TCH	1900-2000	Italian	9490 MSK
		15520 DHA 15750 WER	1900-2000	English	3230 MEY 6020 MDC
1500-1600	Gujarati	13830 WER			6100 MEY 7240 SAM
1500-1600	Kannada	15715 WER			7395 MDC9610 WER 9685
1500-1600	Hindi	5845 DB 11560 HUW			DHA 9775 DHA 11775
1500-1600	Marathi	11655 ARM 12075 SAM			SKN 11865 NAU
		13665 KCH	1900-2000	Swahili	5930 MEY
1500-1600	Punjabi	11505 ERV 13840 NAU	1930-2000	French	11610 WER 11840 WER
1500-1600	Urdu	9500 NVS 12065 ARM			11970 DHA 12060 ARM
		13820 WER	2000-2030	French	9595 WER 11895 WER
		15370 WER			12060 ARM
1500-1700	Tamil	15370 WER			3230 MEY 6020 MDC7430
1500-1700	Russian	9956vTNN 250	2000-2100	English	KCH9485 DHA9635 DHA
1600-1700	Amharic	15750 WER			NF 11970 15195 ASC
1600-1700	Arabic	13645 WER			5970 WER 6115 WER
1600-1700	English	11760 WER 13630 NAU	2000-2100	Arabic	9620 WER
		15705 WER			9595 WER 11895 WER
1600-1700	English	11850 DHA	2030-2100	French	11985 KIG 12060 ARM
1600-1700	Hindi	5845 DB 6280 TSH 11680 WER	2100-2115	English	7430 KCH9610 WER
		7520 SMF 11670 WER			15195 ASC
1600-1700	Persian	21680 ASC	2100-2130	French	9720 WER 11985 KIG
1600-1700	Portuguese	9735 ARM 11630	2100-2200	Chinese	7435 PAO 9280 HUW
1600-1700	Punjabi	ARM11730 WER	2100-2200	Arabic	5915 WER 6115 WER
		9590 MDC	2115-2200	English	7430 KCH9610
1600-1700	Swahili	9925 JUL			WER11875 ASC 15195
1600-1700	Turkish	11505 ERV 12075 WER			ASC
1600-1700	Urdu	7520 SMF 11850 NAU	2130-2200	French	9720 WER
1700-1800	Persian	11670 WER 13700 RMP	2200-2300	English	7285 WER11875 ASC
1700-1800	Arabic	13840 JUL	2200-2300	French	5965 WER
		9790 DHA 13630 NAU	2200-2300	Arabic	7115 WER
1700-1800	English	21680 ASC	2200-2400	Chinese	6230 PAO 9280 HUW
		3955 WER	2300-2315	English	11875 ASC
1700-1800	German	11680 WER			(DX MIX, Bulgaria)
1700-1800	Nepali	11730 WER			WRNO on the air!
1700-1800	Punjabi	15750 WER			Tuned in 15590 at 1938 July 18 to hear strong
1700-1800	Swahili	9925 JUL 15760 WOF			open carrier with slight whine, then tone test faded
1700-1800	Turkish	11970 WER			up. Level increased briefly before 1944 and then cut
1700-1900	Russian	9495 TAC 9505 WER			off at 1945* *1946 back on with open carrier, 1947
1800-1900	Amharic	13830 WER			tone fading up and down again. Cut off again at
1800-1900	Arabic	7240 SAM 11600 WER			1950* So far, no announcements or IDs. It's off-fre-
		11855 WER 13720 SKN			quency, more like 15590.4.
1800-1900	English	3955 SKN 6180 MEY 7395			If current registrations are to be believed, this is
		MDC 9845 DHA 11775			WRNO, New Orleans, on the air finally after years
		SKN 13630 NAU 13730			and years of delays, under new ownership as 15590
		WER 13780 RMP 13790			is for it in A-08 since KTBN went dark.
		WER 15750 WER			Perhaps someone familiar with what's going on
1800-1900	German	7320 ARM			at WRNO can confirm. Or Caribbean Beacon, Anguil-
1800-1900	Polish	9615 SAM			la, since they reportedly got the old KTBN transmit-
1800-1900	Romanian	7220 JUL			ter which operated on 15590, but it seems unlikely
1800-1900	Spanish	9635 NAU			they would use that frequency again (Glenn Hauser,
1800-1900	Swahili	5870 MDC			OK, DX Listening Digest)
1800-1900	Turkish	15760 WOF			I just got off the phone with Janet Maywire (the
1830-1900	French	17585 ASC			owner's wife). She confirms that they have been
1900-1930	French	11610 WER 11840 WER			performing preliminary transmitter tests. Janet
		11970 DHA 12060 ARM			
		17585 ASC			
1900-2000	Portuguese	3955 MEY 9635 NAU			

states that they will be performing test broadcasts with audio by the end of next week. Thanks again, (Dan Brown, W1DAN, <http://www.danbrown.tv> July 18, DX Listening Digest)

Hi Glen[n]: After seven years I am happy to confirm that WRNO is back on the air. Right now they are putting the transmitter through its final adjustments and tuning. During next week the required testing should be completed and the FCC Form 310 will be filed. Regular programming is planned to begin on August 1. They plan to use 7505 kHz at night and 15590 kHz by day. But, they may have a very limited broadcast station for a while. 73, (George Jacobs, P.E., July 18, DX Listening Digest)

I wonder what their programming will consist of. It'd be great to hear "The Rock of the World" return about 25 years after I first found it on my junky Heathkit receiver. 73, de (Nate Bargmann, KS, DX Listening Digest)

Nate, I'm afraid that's ancient history. Have seen many postings here they are bound to be a religious station. Just went to 7505 after 2300. Something is there but for its weakness I can't tell is WRNO testing. 73 (Ral Saavedra, Costa Rica, *ibid.*)

Nothing here around 2317, but may be on and off like 15590 (gh, DXLD)

After nearly 60 years of providing uncensored news and information to the people of Romania, **Radio Free Europe/Radio Liberty's** Romanian-language service will cease broadcasting to Romania on Aug 01, 2008. However, Romanian-language broadcasts to Moldova and the Transdniester region will continue.

"During the course of nearly six decades, hundreds of RFE/RL journalists, researchers and analysts displayed extraordinary bravery, dedication and commitment to a free and independent press in Romania, often at great risk to themselves and their families" says RFE/RL President Jeffrey Gedmin. "Their contributions to the collapse of communism and in helping to pave the way for a democratic Romania's entry into institutions such as NATO and the EU, will never be forgotten."

The Romanian Service began experimental broadcasting on Jul 14, 1950, and was fully operational by May 01, 1951. For years, its broadcasts were a thorn in the side of Romania's communist rulers who, according to a 2006 Romanian government report, may have been responsible for the deaths of three RFE/RL Romania service directors. In a 2006 address to Parliament, Romanian President Traian Basescu paid homage to the RFE/RL journalists who, he said, "fought with altruism and passion for the knowledge and utterance of the truth Their unforgettable [Radio] Free Europe broadcasts were the moral conscience of Romanians."

The Broadcasting Board of Governors (BBG) is the independent U.S. government agency that oversees all U.S. international broadcasting including RFE/RL. "RFE/RL's Romanian service has a distinguished history," said BBG Governor Jeffrey Hirschberg. "The reduction of broadcasts to Romania reflects the important progress made there and the urgent threats to freedom of the press and paucity of reliable information to be countered in other parts of the world."

Since Romania's accession to the EU last year, media competition has increased dramatically and Romanians now have access to more than 70 daily newspapers, 300 private FM radio stations, cable TV and the Internet.

In 2005, Romanian filmmaker Alexandru Solomon released his documentary, *Cold Waves*, a fascinating behind-the-scenes look at the RFE/RL Romanian service's struggle against Communist Dictator Nicolai Ceausescu during the Cold War. Solomon writes in the film's synopsis: "I grew up with it. Every evening, in an underground atmosphere, my father listened to Radio Free Europe as anyone else did. It meant more than information. While Ceausescu's propaganda had less and less to do with reality, Free Europe's Romanian section provided—apart from news some hope." (RFE-RL, Jul 03, 2008, via Padula/DSWCI DX-Window/Petersen-DK)

FCC info about **KAIJ**, acknowledged as no longer on the air, and we expect this will be of historical interest only (gh):

Main Station Record—KAIJ

Permittee: Two If By Sea Broadcasting Corporation

Call Sign: KAIJ

File Number: IHFRWL-20010914

License/Renewal: Grant Date: 01/11/01

Expire Date: 01/11/09

Transmitter Location: Hwy 380, 5.8 km West of State Route 289, Dallas, Texas [actually near McKinney, Frisco]

Transmitter City: Dallas, TX

Coordinates: 33 13 05 N Lat 096 51 48 W Long

Tower Heights: 44 Meters OHAGL 224 M OHAMSL

Target Zones: 2-5,9,11-13,18,27,28,34,35,45

Address: Two If By Sea Broadcasting Corp.
Radio Station KAIJ
718 Griffin Ave.—PMB37
Enumclaw, WA 98022

(via Glenn Hauser-OK/DX Listening Digest)



Pirate Radio Report

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

Hello and welcome to the August 2008 edition of the *Pirate Radio Report*! I'm sorry that there was no column in July. I was getting ready to go on vacation and it just slipped my mind. Anyway, we are back with good stuff this month! Many thanks to the following fine folks who contributed to this month's edition. Don Jensen-WI, Mike Rhode-OH, Joe Wood-TN, George Zeller-OH, and the NASWA FlashSheet.

TCS-The Crystal Ship Shuts Down!

John Poet the op of the station released a statement in early July that he will have to shut down his station by the end of July. His landlord gave him 30 days notice so he no longer has a place to transmit from. TCS, a Michigan pirate, was first active in the 1980's, re-surfaced again in 2004 and has been very active since. John always played a plethora of rock and his AM audio was always good. Hopefully The Poet will eventually find another QTH to broadcast from and we will hear him again sometime! You will be missed! [Jensen-WI, Wood-TN & The FRN]

Northwoods Radio, 6925 kHz, USB mode on July 20th from 0102 to 0202 UTC. ID, talking about flying saucers and black helicopters, mx "Blinded By The Lies". ID, loon Sounds. PSA from Commander Bunny for president. [Rohde-OH]

Mystery Radio, from "somewhere" in Italy, was tentatively heard on June 29th from 0219 past 0232 on their usual frequency of 6220 kHz. Usual mix of pop and dance tunes. [Barbour-NH via Flashsheet]

Radio Appalachia, noted on 6925 kHz in the AM mode at 2331 past 2339 UTC on July 6th. Music was banjo picking ala West Virginia and faded out right after 2339 UTC. [Rhode-OH]

Radio Free Speech logged on July 8th from 2348 past 2354 on 6925 USB. Lots of parody

ADs and political satire, hosted by Bill O. Rights. [Wood-TN]

Radio Jamba International, this one heard on 6925 kHz USB from 0221 past 0226 on July 19th. Male DJ with hypnosis routine repeated in segments. Several IDs. [Wood-TN]


Sycko Radio, noted on July 5th from 0318 past 0142 UTC. Male announcer giving ID and frequency info. Rock tunes. [D'Angelo-PA via Flash Sheet]

TCS-The Crystal Ship. John Poet noted on 5385 from 0106 past 0216 UTC on July 4th. Noted with a good signal on 6700 kHz as well. Excellent mix of music, Doors, Styx, Kansas, etc. [Rohde-OH]

The Wave, 6925 kHz USB at 2241 until 2244 on July 20th. ID, "The Good Ship Lollypop", Tiny Tim song. Another ID at sign off. Good signal [Rhode-OH]

Voice Of Brian Wilson logged on 6925 kHz USB from 2221 sign on until 2233 sign off on July 12th. Continuation of a fable from their 2200 UTC broadcast, but more elaborate story this time. A young prince finds a magic transistor radio in his attic that puts out beautiful music and magic colors. His mother hides it, and he also loses it for a while, but eventually he finds it again, and he enjoys it with his brother. [Zeller-OH]

WBNY-Radio Bunny noted on 6925 USB from 0110 to 0113 sign off on July 13th. Commander Bunny with "the most important announcement of your lifetime" for the monkey boys. Commander Bunny is running for President. He promises that when he is elected he will provide everybody with nude photos of the Supreme Court justices. No address announced on this show. (Zeller-OH)

WTCR-20th Century Radio, 6925 kHz USB Heard on July 6th at 0236. Oldies such as "Love Shack" and others. [Rhode-OH] Until next month Happy Pirate DX! 

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

ENGLISH.

ANGUILLA: The Caribbean Beacon 6090 f/d cd. in 325 ds. v/s Doris McSingleton. Addr: Reception Reports, P.O. Box 690, Anguilla, British West Indies. Email: beacon@anguillanet.com (Wood-TN).

CHILE: CVC International f/d cd. in 30 ds. for \$1.00 and a SP rpt. (Colton).

CLANDESTINE: Open Radio for North Korea - Yeollin Bukhan

Bangsong 9930 via **KWHR** f/d "World Harvest Radio" cd. in 1½ mos. (Barto-CT).

Voice of Meselna Delina 12015 via **WHRA** f/d cd in 1½ mos. (Barto-CT).

CYPRUS: Cyprus Broadcasting Corporation f/d cd. in 23 ds. Addr: P.O. Box 4824, Nicosia, Cyprus (Colton).

CZECH REPUBLIC: Radio

Prague 11600 they verified its special May 18th broadcast celebrating it's 85th anniversary with a special "85 Years of Czech Radio 1923-"

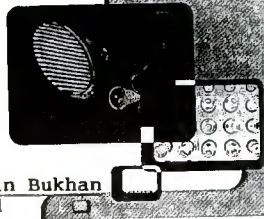
STATION NOTES: Radio Six International 9290 v/s Toni Currie. Addr: Box 600, Glasgow G41 5SH, Scotland. **Radio SWH Latvia Today** 9290 v/s Girts Salmgriezis. Addr: Skanstes 13, LV-1013 Riga, Latvia. **Radio Waves International** 9290 v/s Peter Hills & Philippe. Addr: Box 130, F-92504 Rueil Cedex, France. Email: rwaves@free.fr...via PLAY DX.

2008" cd. featuring The Moravian Gallery in Brno. Card in 6 ds. for a rpt. to the website. Broadcast schedules and a station letter opener were rcvd. (D'Angelo-PA).

FRENCH GUIANA: Radio France International 5995 f/d ltr. direct from the site in 133 ds. for a local postcard, applause card and an EG rpt. Addr: RFI, TDF SAS, Boite Postale 7024, 97307 Cayenne Cedez, French Guiana. (Wood-TN).

KOREA, REPUBLIC OF: KBS World Radio f/d cd. in 45 ds. Also rcvd. a 17 x 34 inch towel or wall hanging with Korean script and email addresses on it, transmission schedule and a receiving log. (Rohde-OH)

MEXICO: XEPPM Radio Educacion colorful "Certificado de Sintonia" cd. and a p/d ltr. in 233 ds. for \$1.00. v/s Lic. Virginia Bello Mendez, Directora General. (D'Angelo-PA).





CERTIFICADO DE SINTONIA

NOSSO FROTE-DAMOS GRACIAS POPUSU INFORME DE RECEPCION

Por este medio certificamos la sintonia de WVGG 17.000 MHz f/d

De la emisora Radio Litoral, ARI W, 48.70 KHz, banda internacional de 60 metros

Unidad 17 de Enero 2002

Miguel Trujillo

Donado a favor

10 de Abril 2002

Unidad



Mision
Comunion
Cristiana
De Honduras

PAPUA NEW GUINEA

(NEW IRELAND): Radio New Ireland
3905 f/d "Flag"
cd. in 166 ds.
for an EG rpt.
and \$1.00. (D'
Angelo-PA).

RWANDA: Deutsche

Welle f/d cd. in
47 ds. v/s Horst
Scholz, Trans-

mission Management. (Colton).

USA: WRMI Radio Miami International 9955 f/d cd. in 2 ds. for an
email rpt. (Paszkievicz-WI).

USA (Pirates): The Crystal Ship 5385 and 6700 my email rpt. was QSLed
w/ a f/d cd. in 29 ds. from "The Poet". (D'Angelo-PA).

ZAMBIA: Radio Christian Voice 15650 f/d "Logo" cd. in 37 ds. indicat-
ing the transmitter is a Continental 418F. Addr: Radio Christian
Voice (Zambia) Ltd., Private Bag E606, Lusaka, zambia. (D'Angelo)

Larry Colton says that one of his favorite QSLs
is from Radio Garoua 5010 in the Cameroons.
It took him 10 years to verify the station,
of course, after many follow up reports. The
Voice of Mongolia took several years just to
receive the station and many more to verify

STATION NOTES: KEYU Radio UNAM 9600 Addr:

Universidad Nacional Autonoma de Mexico,
Adolfo Prieto No. 133, Col. Del Valle, MEX
03100, Del. Benito Juarez, Ciudad de Mexico,
Mexico. Email: teohm@servidor.unam.
mx. v/s Lic. Teofilo Huerta Moreno,
Jefe de Depto. de Planeacion y Asistente
del Director General. Trans World Radio Europe v/s Beth
Chik. Addr: TWR, P.O. Box 141, A-1235 Vienna, Austria.



RADIO MOÇAMBIQUE

Radio Free Asia 7460 via Mongolia Email:
qsl@rfa.org. Voice of America 6180 via
Briech Email: letters@voa.gov. Adventist World Radio 17575 via
Flevoland WEB: www.awr2.org Addr: AWR Europe, 1 Milbanke Court,
Milbanke Way, Bracknell, Berks, RG12 1RP, UK...via PLAY DX...Sam.



them. This provided him with the opportunity to review all the QSLs
in his collection and reflect on what it took to get each one. As we
know they can take a lot of effort to get them...Thanks for the com-
ments...Sam.



Confirmação Oficial de Recepção

Rádio Guarujá Paulista

Sr. Jerry Klinck, U.S.A.:

Temos o prazer de confirmar a informação de escuta
do dia: 5 Novembro, 2003 na frequência de
5.045 kHz, das 22.51 : 23.22 hs [UTC].
Potência do emissor: 1 kw.

Sinceros agradecimentos,

oficial

Rádio Guarujá Paulista Ltda.

oficial
seal



BRAZIL


Best of
QSLing
till next
month....

Contributors' Page

Bob Montgomery • 4621 C Street • Philadelphia, PA 19120 • rmonty23@verizon.net

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA	TenTec RX-340 AOR AR-7030 100' LW
Scott BARBOUR, Intervale, NH	R8, R-75, MLB-1, 200' Beverage
Ray BAUERNHUBER, Whitestone, NY	FRG-100B, Eavesdropper T
Ralph BRANDI, Middletown, NJ	7030+, Elad FDM77, R8, etón E1 300' longwire
Rich D'ANGELO, Wyomissing, PA	TenTec R340, Lowe HF-150, DX Sloper
Gerry DEXTER, Lake Geneva, WI	NRD-515, NRD-545, etón E1
Jim EVANS, Germantown, TN	RX340, Drake R8B, 30 m wire
Bob FRASER, Belfast, ME	Sony ICF-2003 ICF-SW100s 2m LW
Tom GAVARAS, Minnetonka, MN	Ten Tec RX320
Jay GOLDEN, Rochester, NY	R7A, 35' lw
Glenn HAUSER, Enid, OK	FRG-7, DX-398, SW-07, ATS-909, YB400 lw
John HERKIMER, Caledonia, NY	NRD535 (Kiwa), etón E1-XM, 100' longwire
Ron HOWARD, Monterey, CA	NRD545, LW 160', etón E5
Don JENSEN, Kenosha, WI	NRD-545, E1x, Alpha Delta Ultra
William McGUIRE, Cheverly, MD	DX-380
Joe MILLER, Troy, MI	no equipment listed
Richard PARKER, Pennsburg, PA	Collins 51s-1, 51-X, R390A, SE3, ant. farm
Sheryl PASZKIEWICZ, Manitowoc, WI	NRD515, Eavesdropper
Mike RHODE, Columbus, OH	WinRadio G-313e, swl end fed sloper
Jim RONDA, Tulsa, OK	NRD-545, R75, etón E1, Eavesdropper
Giovanni SERRA, Rome, ITALY	NRD-525 AD Sloper
Jerry STRAWMAN, Des Moines, IA	Perseus, R-8, 313e, 60 mtr dipole, mini whip
Mark TAYLOR, Madison, WI	R-75, Sat 800, EWE, Eavesdropper
Gayle VAN HORN, Brasstown, NC	no equipment listed
Joe WOOD, Gray, TN	DX-390, Grundig Mini 100 PE, whip antenna 

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/>.

Tropical Band Loggings

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

- 3200 **SWAZILAND TWR** Manzini 0520 M in EE w/ relg message; TWR ID at 0528; poor; 6/17. (Ronda-OK)
- 3220 **ECUADOR HCJB** Pifo 0906 M speaking in Quechua; poor; 7/5. (Ronda-OK) 0940-1005 Exotically melodic vocal by W w/ lcl lvl sig; 7/6. (Wilkner-FL) 0900 Continues to be v. strong; less so at 0000; both w/ synchro lock on the R75 Kiwa; 7/9. (Wilkner-FL)
- 3250 **HONDURAS R. Luz y Vida** San Luis 0322-0343* Mix of SS mx & relg talk w/ carrier terminated at 0343; p-f; 6/23. (D'Angelo-PA) 0105 Mx prg w/ M ancr; greetings; vocal ballads; ments. of Luz y Vida; poor w/ summer static crashes; 7/4. (Herkimer-NY) 0330-0354* SS relg prg w/ M ancr & some mx features; ID & closing ancments at 0352 w/ soft instrumental mx until plug pulled; p-f; 7/9. (D'Angelo -PA)
- 3279.6 **ECUADOR LV del Napo** Tena 0950 Subdued conversational SS; good; 7/9. (Wilkner-FL)
- 3280 **CHINA [V. of Pujiang?-ed.]** Shanghai 1248-1308 Pop songs; ToH 5+1 pips; ads; more songs; fair; //4950 F-g; 6/28. (Howard-CA)
- 3315 **PNG R. Manus** Lorengau 1300-1312 Exotic bird calls; //3335 [R. East Sepik-ed.]; nx & wx in EE; ad; EZL island mx; p-f; 6/28. (Howard-CA)
- 3325 **INDONESIA RRI Palangkaraya** 1241-1316 (P); Indigenous mx & chanting/singing; briefly heard a very faint stn under RRI after 1300 which I assume might be R. Bouganville/Radio Buka w/ what sounded like EE nx (NBC?); fair; 6/20. (Howard-CA) 1255-1306 (P); Usual prg of non-stop indigenous mx & chanting/singing; fair; 7/1. (Howard-CA)
- 3329.54 **PERU Ondas del Huallaga** Huánuco 1030-1045 Weak w/ musica; 7/4. (Wilkner-FL) 3329.53 2357-0010 M ancr over mx; 7/8. (Wilkner-FL)
- 3335 **PNG R. East Sepik** Wewak 1300-1308* NA then //3315 [R. manus-ed.] w/ nx already in progress; s/off about 1308; 6/27. (Howard-CA) 1233-1250 Coverage of session of Parliament; EE speeches; "Thank you Mr. Speaker & honorable members ... "; f-p; 7/1. (Howard-CA)
- 3385 **PNG R. East New Britain** Rabaul 1211-1230 EE Christian relg prg; weak; 6/22. (Howard-CA) 0955 Tribal vcls w/ drumming; ID & nx in Tok Pisin; some pop vocals & DJ taking phone call; fair but a rare summer PNG opening w/ audio from (P) 3335 East Sepik & 3365 Milne Bay at the same time; also noted audio on 3325 but just couldn't bring it up - Palangkaraya?; 7/5. (Herkimer -NY)
- 3390.29 **BOLIVIA Emisoras Camargo** Camargo 2350-0012 The one noted here; 7/8. (Wilkner-FL)
- 3925 **JAPAN R. Nikkei** Tokyo-Nagara 0959 Ancments by W; lead to single time pip at ToH; choral mx; p-f; still audible by 1115; 7/5. (Strawman-IA)
- 3975 **HUNGARY R. Budapest** Jazbereny 0403 M & W in HH w/ pop mx barely above the noise floor; poor; 7/5. (Wood-TN)
- 3987.03 **INDONESIA RRI** Manokwari 1347-1425 EZL songs in BI; SCI at ToH; 5 minutes of nx; NA; weak; checked after ToH & found //4790.03 Fak Fak; 6/24. (Howard-CA)
- 4052.5 **GUATEMALA R. Verdad** Chiquimula 0430 Inspirational mx featuring SS vocals; piano & harp; I was a little disappointed that I could not ID any of the songs played; p-f; 7/5. (Wood-TN) 0600 Noted w/ relg mx by W artist; strong sig; 7/7. (Wilkner-FL) 1126 Winding up banjo version of "Workin` on the Railroad" which I think they play every day as a prg theme song; concludes with RR Xing bells; still audible at 1204 w/ hymn; 7/12. (Hauser-OK)
- 4699.35 **BOLIVIA R. San Miguel** Riberalta 0940-1020 1015 Choral mx w/ talk over by M ancr; 1020 slow W alto vcl; sig improved permitting AM synchro lock on R75; 7/6. (Wilkner-FL)
- 4716.6 **BOLIVIA R. Yura** Yura 0105-0131 Several M & W w/ SS banter & laughter; apparent end of prg at 0124 w/ mx followed by another M ancr w/ ID & talk; poor; 6/27. (D'Angelo-PA) 4716.19 1000-1110 Absent on both 7/6 & 7/7. (Wilkner-FL) 1030 Mx de Bolivia y locutora; noted return to b/casting after several days off; good; 7/13. (Wilkner-FL)
- 4732.08 **BOLIVIA R. Universitaria** Cobjia Pando 1030 Noted w/ strong carrier only; 7/5. (Wilkner-FL) 0010 Noted under RTTY; 7/5. (Wilkner-FL) 4732. Universitaria remains off the air ; 7/13. (Wilkner-FL)
- 4739.59v **VIETNAM R. Son La** Son La 1220-1241 (P); Indigenous mx & singing/chanting in VV; BoH into talk, fair; 6/18. (Howard-CA)
- 4755 **BRAZIL R. Imaculada Conceição** Campo Grande 0445-0450 M ancr in PP w/ prayers followed by W w/ ID; postal addresses & phone numbers; fair; 7/5. (Wood-TN)
- 4760 **LIBERIA ELWA** Monrovia 2218-2231 Contemporary EE relg mx w/ M & W ancns b/w selections; poor-weak; 6/30. (Barbour-NH)

- 4770 **NIGERIA R. Nigeria Kaduna** 0534-0550 Prg of tribal vocals; fair sig but marred by CODAR QRM; 6/22. (D'Angelo-PA)
- 4774.9 **PERU R. Tarma** Tarma 1030 On earlier than Sicuani & La Voz del la Selva [see below-ed.]; good; 7/5. (Wilkner-FL)
- 4777 **GABON RTV Gabonaise** Libreville *0500 S/on IDs in FF by M ancr; fair; 6/17. (Ronda-OK)
- 4780 **DJIBOUTI RTD** Atta 0500 (T); S/on w/ nx & talk in AA; fair; 6/17. (Bauernhuber-NY)
- 4780 **GUATEMALA R. Cultural Coatan** San Sebastian 0227 Was easily the best sig on 60m; although it hasn't been noted here in a while; 6/29. (Dexter-WI)
- 4790.03 **INDONESIA RRI Fak Fak** 1243-1311 EZL pop songs; ToH singing jingle; SCI; RRI ID; nx; fair w/ light CODAR QRM; 6/18. (Howard-CA) 1130 Best Indo by far RRI Fak Fak ; mostly mx fighting T-storm noise from Kansas & CODAR from GKW; W vcl at 1134; M&W nx at 1206 (P) via Jakarta; overmodulated & distorted; by comparison VOI on 9526 was much weaker; at 1149 I could tell the W was speaking JJ slowly & clearly; after 1300 it was mostly a W speaking; but so weak I could not be certain it was "Inggeris" until 1330; 7/12. (Hauser-OK)
- 4790.2 **PERU R. Vision** Chiclayo 0151-0202 Familiar format w/ SS M preaching to the congregation thru ToH; poor w/ band noise & CODAR; 6/30. (Barbour-NH)
- 4799v **GUATEMALA R. Buenas Nuevas** San Sebastian 0451-0520 A very nice mx prg w/ lots of numbers featuring the accordion; somber mx at ToH w/ ID then back into the party; here in Dixie we would refer to this type of prgming as a "Hoedown"; reception was hampered by static; fair at best; 7/5. (Wood-TN) 4799.81 1030-055 Rustic vcl mx; ID by locator; more mx; 7/13. (Wilkner-FL)
- 4800 **MEXICO XERTA** 0854 (P); SS ballads; ancr at ToH though no discernible ID noted; f-p; 6/25. (Barbour-NH) 0940 "Cumbia Cumbia Para Dios..." vcl into 0945 EE ID by W ancr; "in the 60 meter band" & URL; immediately followed by M w/ ID en español; ments. de "Voz Popular"; 7/6. (Wilkner-FL) 1003 Similar EE ID by W ancr followed by M en español; 7/7. (Wilkner-FL) 0930-1045 Txmitter on w/ no audio; 7/9. (Wilkner-FL)
- 4805 **BRAZIL R. Dif do Amazonas** Manaus 0955 M ancr in PP; strong sig; 7/9. (Wilkner-FL)
- 4814.95 **ECUADOR R. El Buen Pastor** Saraguro 0950-1005 M w/ slow melodic vcl; good in USB & AM synchro lock w/ PBT to avoid the hash below sig; 7/6. (Wilkner-FL)
- 4824.51 **PERU LV de la Selva** Iquitos 1058 S/on; musica andina; strong sig; 7/5. (Wilkner-FL) 4824.49 S/on on after 1100; 7/9. (Wilkner-FL)
- 4825 **BRAZIL R. Canção Nova** Cachoeira Paulista 0911 Soft ballads & ancments in PP; if this is their morning wake-up show there were still a lot of folks still in bed; fair; 7/5. (Ronda-OK)
- 4826.v **PERU R. Sicuani** Sicuani Seems silent; 6/24. (Wilkner-FL) 4826.22 1100-1120 M & W w/ talk; no mx; back after weeks of silence; f-g; 7/2. (Wilkner-FL) 4826.43 1102 S/on; v. weak sig; 7/5. (Wilkner-FL) [Rogildo Aragão logged this on 7/1; the first to note its' return-per Wilkner] 4826.45 0010 Noted w/ v. weak sig; 7/9. (Wilkner-FL) 0000 Either off or a late s/on; sig is not strong here & is dominated by 4828-ZBC around 0000 unless LSB narrow filter is used; 7/9. (Wilkner-FL)
- 4830 **CHINA China Huayi BC** *1200-1216 Mostly talk in CC; fair; 7/3. (Howard-CA)
- 4834.v **PERU R. Marañon** Jaen Seems silent; 6/24. (Wilkner-FL) 4835.6 2355-0010 Return noted after several weeks off the air; 7/8. (Wilkner-FL) 1022-1130 "...Miércoles ...campisino... ademas en el centro de...departamento de..."; energetic prgming w/ shouted ancments by M & W ancrs; simply "Radio Marañon" ID shouted in midst of flute & drum solo by M at 1032; held in well after 1100; the strongest Peruvian this morning w/ v. strong sig; good synchro lock on the R75 Kiwa; 7/9. (Wilkner-FL)
- 4845 **MAURITANIA R. Mauritanie** Nouakchott 0629-0651(P); Islamic /Middle Eastern type singing & chanting in AA; fair.; 6/28. (Howard-CA)
- 4865 **BRAZIL R. Missoes Da Amazonas** Obidos 1025 M in PP w/ what sounded like preaching; poor; 7/3. (Wood-TN) [DSWCI DBS-10 lists this as last logged on 2/08. Perhaps more widely rptd R. Alvorado or Verdes Florestas instead?-ed.]
- 4905 **BRAZIL Nova Radio Relogio** 0915-0940 PP mx & talk; fair; 7/13. (Rohde-OH)
- 4909.17 **ECUADOR R. Chaskis** Otavalo 1055 Upbeat musica andina.; series of numbers; not freq; ment. of "Madre de Dios"; brief locutura at 1101 into locutor ; "...Cinco presenta la ..."; good; 6/24. (Wilkner-FL) 4909.3 0917-0933 (P); Continuos ballads in SS; I had to step away at BoH so if they IDed, I missed it; poor-weak; 6/28. (Barbour-NH)
- 4910 **UNIDENTIFIED** 0108 Quite possibly some sort of spur or some such; almost all talk w/ an occasional bit of v. brief mx thrown in & the earnest flavor of a preacher; would have liked to think this was AIR Jaipur but I don't hear Indian regionals on this band at this hour and none of the others were putting on AIRs; 7/3. (Dexter-WI) [Correct! WWCR spur rptd here-ed.]
- 4914.96 **BRAZIL R. Difusora de Macapa** Macapa 0244-0305 M ancr in PP w/ ballads; jingles & talk w/ ments. of Macapa; QRM static; QSB; poor; 6/15. (Serra-Italy)

- 4925 **INDONESIA RRI Jambi** 1223-1247 Phone conversation / intrvw; //3325 Palangkaraya & 4790.03 Fak Fak until BoH; NA then their own pop mx prg; 6/24. (Howard-CA)
- 4930 **BOTSWANA VOA** Moepeng Hill 0333-0352 M w/ EE nx w/ field rpts; mx breaks & IDs; slight QSB & static; S9 peak; fair; //9885-fair; 6/17. (Serra-Italy) 0420 EE nx re Somali refugees; //4960 Sao Tome-poor; //12080 Botswana-good w/ R. Australia Brandon underneath; f-p; 6/17. (Ronda-OK)
- 4939 **VENEZUELA R. Amazonas** Puerto Ayacucho 0232 (T); Barely there at all in a sea of QRN & was soon lost completely; 6/29. (Dexter-WI) 4940v 0524-0535 (T); M anc in SS w/ LA mx & (P) ID; poor; 7/5. (Wood-TN)
- 4950 **ANGOLA RN de Angola** Mulenvos 0036-0048 Ancr in PP w/ (P) nx mentioning Congo & Africa; poor-weak; 6/25. (Barbour-NH)
- 4965 **ZAMBIA CVC** Lusaka 2322-2347 Mx & W anc w/ relg sermon till 2331; contact info & URL; ancments & ID as Christian Voice; best in LSB to avoid strong jet stream QRM; fair; 6/18. (Serra-Italy) 0446-0507 Contemporary Christian vocals & M anc w/ EE talk; theme mx at 0459 followed by M w/ "CVC" ID; more mx prgming; fair w/ CODAR QRM; 6/21. (D'Angelo-PA) 2302-2324 Contemporary relg ballads; brief anc in EE at 2317 then right back to mx; weak w/ CODAR; much improved at 2324 re-check; 6/28. (Barbour-NH)
- 4975.96 **UGANDA UBC** Kampala 2003-2015 Afropops & barely audible ancments; fast QSB & static; p-f; 6/9. (Serra-Italy)
- 4985 **BRAZIL R. Brasil Central** Goiania, in PT 2306-2321 Ancrs w/ PP talk; ballads & lcl mx; ID; QRN heavy static; f-p; 6/18. (Serra-Italy) 0932-0937 PP mx; poor; 7/13. (Rohde-OH)
- 4990.94 **PERU R. Manantial** Huancayo 0005 Noted w/ weak sig; again at 1045; 7/5. (Wilkner-FL) 1000 The one noted here; 7/6. (Wilkner-FL)
- 5010 **MADAGASCAR RTV Malagasy** Antananarivo 1935-2001 Afropops & 2 M in lang; best in USB to avoid het; some birdies; QRN; f-p; 6/9. (Serra-Italy)
- 5024.98 **BENIN R. Dif du Benin** Parakou 1925-1934 Lcl chants & Afropops w/ M anc b/w selections; diff. M from 1931; fast QSB & static; poor; 6/9. (Serra-Italy) 1911-1932 M in FF w/ (P) nx until 1912; choir chant; ancment & cmentary until 1920; mx bit & W w/ brief ancment ment. Parakou; pop mx; QRN static ; p-f; 6/25. (Serra- Italy)
- 5039 **PERU R. Libertad** Junin 1030 Barely above the noise w/ up-tempo mx & M anc in SS; poor; 7/3. (Wood-TN) 5039.21 1040- 1109 M w/ ID; good; 7/5. (Wilkner-FL) 1102-1120 ".en action Radio Libertad ... nueva voz..."; 7/13. (Wilkner-FL)
- 5070 **USA WWCR** Nashville 2335 Accompanied by a roaring noise peaking at the sidebands around 5062 & less so on 5078 where there was ute interference; the sound also audible when tuned to center freq 5070 underneath prg modulation which per June 3 sked is "Repairer of the Breach"; some crud on the prg feed line which should not be SW transmitted? ; 7/5. (Hauser-OK)
- 5240 **TIBET Xizang PBS** Lhasa 2256-2303 W anc in Tibetan until 2300; anthem; M & W w/ ancment & (P) ID; (P) nx ment. Tibet; best in USB to avoid jet stream QRM; p-f; 6/18. (Serra-Italy)
- 5446.5U **USA AFRTS** Key West 0335-0343 M w/ nx & ESPN sports; poor w/ significant fading; SINPO 24222; //7811 Key West noted w/ less noise & slightly stronger sig; 6/24. (Evans-TN) 5446U 1036 ID for NPR; EE nx of Olympic trials & talk of 41 W swimmer; better than //5765-Guam; fair; 7/3. (Wood-TN)
- 5460.1 **PERU R. Bolívar** Cd. Bolivar 0000-0030 Musica ".en Valencia la senorita linda...balle..."; 7/5. (Wilkner-FL)
- 5470.80 **PERU R. San Nicolás** San Nicolás 0006-0045 Musica "Maria en el corazon de mi amor..."; 7/5. (Wilkner-FL)
- 5486.7 **PERU R. Reyna de la Selva** Chachapoyas 1040-1130 Noted here the last ten days; 7/5. (Wilkner-FL)
- 5580.23 **BOLIVIA R. San Jose** San Jose de Chiquitos 0000-0010 Mx de Bolivia; 7/8. (Wilkner-FL)
- 5765U **GUAM AFRTS** Barrigada 1036 ID for NPR; EE nx of Olympic trials & talk of 41 W swimmer; poor; 7/3. (Wood-TN) 1137-1145 Ad for NPR "Weekend Edition" followed by two M discussing sports; good w/ significant atmospheric interference; SINPO 34233; //5446.5U weaker; // 12133.5U weaker & 7811U stronger; all via Key West; 7/12. (Evans-TN)
- 5770 **MYANMAR Myanmar Defense Forces BC** Taunggyi 1307-1327 (P); EZL pop songs; some indig-enous mx & songs; weak; 6/24. (Howard-CA)
- 5860 **CHINA V. of Jingling** Nanjing (P); 1224 Talking & singing; at 1228 I decided it was CC; Aoki shows this can only be V. of Jinling Nanjing; 50 kW at 161 degrees; 1145-1430 also in Amoy; much weaker than VOA Korean 5890; 7/12. (Hauser-OK)
- 5860 **KUWAITR. Farda** 0208 Just bits & pieces of (P) Farsi talk; v. weak w/ sporadic QRN; 7/6. (Dexter-WI) 

International Band Loggings

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- 5910 **COLOMBIA** *Marfil Estereo* in SP 0356, Latin vocals w/YL DJ, ancmts, ID, f (D'Angelo PA 7/9) in SP 0526, various dittys w/"Mrfil Estereo" IDs, exc reception (Parker PA 6/12)
- 5915 **GERMANY** *Adventist World Radio* relay via Wetachtel in Tigrinya *0259-0330*, IDs in EG and into Tigrinya programming throughout transmission, p-f with splatter from 5920 (D'Angelo PA 6/27)
- 5915 **ZAMBIA** *R Zambia* Lusaka in Vernacular 0427, ID 0430, into another Vernacular w/unaccompanied singing, nice thumb piano music, fair (Ronda OK 6/17)
- 59649v **MALAYSIA** *Klasik Nasional FM* via RTM Kuala Lumpur in Malaysian 1307-1335, RTM Kuala Lumpur news, EZL ballads, IDs, //7130 Sarawak, f-g (Howard CA 7/1)
- 5975 **TURKEY** *V of Turkey* in EG 0352, TS, frequencies, IS, excellent signal (Parker PA 6/10)
- 5995 **AUSTRALIA** *R Australia* in Pidgin 1045, interview, into EG at 1100, GRM Havana (Rohde OH 7/9)
- 6010 **MEXICO** *R Mil* in SP 0748-0810, ancmts, ID, phone #s, address, "la Musica" program w/ series of romantic vocals, p-f in noisy conditions (D'Angelo PA 6/30)
- 6055 **SPAIN** *REE* Noblejas in FR *2300, IS, ID, freq. schedule, national news, good (McGuire MD 6/14)
- 6080 **CANADA** *R Prague* relay via Sackville in EG 030, "Radio Prague News", item on increasing number of immigrants coming to the Czech Republic, g (Bauernhuber NY 6/17)
- 6160 **CANADA** *CKZN* St. Johns in EG 0257, talk show, Sirius ad, CBC ID, news (Paszkievicz WI 6/26)
- 6165 **CROATIA** *Croatian Radio* in EG/CR 0600, 3 minutes of news in EG, IDs, into instrumental music, into Croatian talks at 0606, weak signal, much stronger on //9470, 11690 (Alexander PA 6/20)
- 6175 **CANADA** *V of Vietnam* relay via Sackville in EG 0110, news items on problems in Zimbabwe, ID, very good reception (Fraser ME 6/14)
- 6190 **BOSNIA** *International Radio of Serbia* via Bijeljina in EG *2359-0034, IS, news bulliten, into Italian program at 0034, good signal (D'Angelo PA 6/27)
- 6230usb **AUSTRALIA** *VMW* Wiluna Australia Weather West in EG *1400-1418*, marine weather conditions and forecast, also wind conditions and barometric pressures, f-g, //8113usb (Howard CA 6/20)
- 6250 **EQUATORIAL GUINEA** *R Nacional* Malabo in SP 0502-0545, Afro-pop music, talks, Euro-pop ballads, ID, weak at t/in but quickly improved to good level by 0508 (Alexander PA 6/20)
- 6507usb **AUSTRALIA** *VMC* Charleville Australis Weather East in EG *1400-1420*, marine wx conditions and forecast, gale warnings for Tasmania, f-g, //8176usb (Howard CA 6/20)
- 6890 **ALASKA** *KNLS* Anchor Point in EG 1018, pop music, testimonials, IDs, contact info, DX bit at 1028 about dipoles, p-f (Barbour NH 6/29)
- 7110 **ETHIOPIA** *R Ethiopia* Addis Ababa in Amheric 0325, Horn of Africa music, talks with short breaks of techno music, f, //5990, 97042v (Alexander PA 6/20) choral music 0305, fair (Ronda OK 6/18)
- 7120 **SOUTH AFRICA** *BBC* relay Meyerton in EG 0420, IDs, promos, news, p-f with deep fades (D'Angelo PA 6/21) in EG 0415, talk on US presidential politics, //3255 (Ronda OK 6/17)
- 7120 **CHAD** *R Nacional Tchadienne* in FR 2220, traditional African-style songs and drumming, ancmts, ID, NA at 2228 and off at 2230, f-p (Ronda OK 7/6, Herkimer NY 6/29) in FR 2202-2233*, long speech, native music, brief Koran-like chants w/music talk-over, p w/QRM from WYFR (Barbour NH 6/28)
- 7145 **NEW ZEALAND** *RNZI* in EG 1000, ID, "15 minutes of news", cmntry on crime, g (Fraser ME 6/12)
- 7200 **BULGARIA** *R Bulgaria* in FR 0601, local news w/mx breaks after each item, ID as "Radio Bulgarie International", feature program, g-f (Serra ITALY 6/8)
- 7205 **GERMANY** *IBC-Tamil* relay via Wertachtel in Tamil 0007-0059*, long talks, ID, news? at 0030, musical program mixed w/talks after the news, ID and fanfare at s/off, fair (D'Angelo PA 7/11)
- 7250 **ARMENIA** *V of Russia* relay via Yerevan in EG 0110, "News and Views", ID, f (Taylor WI 7/11)
- 7325 **CANADA** *V of Turkey* relay via Sackville in EG 0300, ID, news, cmntry, report on foreign media, vg, //5975 f-g (Bauernhuber NY 7/9) ID, news, report on European Union, g (McGuire MD 6/15)
- 7335 **VATICAN CITY** *Vatican Radio* in Tamil 0106-0143, talks by OM and YL, ID, IS at 0118 followed by program in Malayalam, into EG at 0140, fair with CHU time signal buried (D'Angelo PA 7/2)
- 7440 **UKRAINE** *R Ukraine Int'l* Lviv in EG 0310, news, reports, IDs, talk on bi-lateral friendship between Ukraine and Latvia, f-g (Bauernhuber NY 6/26)
- 9410 **USA** *BBC Mundo* relay via WHRI Cypress Creek, SC in SP 1234-1300*, Rachmaninoff piano concerto abruptly cut off at sign off, BBCM is still filling w/repetitive classical music items never identified b/w 1234-1300* on M/W/F, and Top 10 pop countdown on Tue/Thur (Hauser OK 7/11)
- 9430 **UNITED KINGDOM** *Deut Welle* relay in GM 0100, ID, rpt on Afghanistan, g (McGuire MD 6/13)
- 9445v **INDIA** *AIR* Bangalore in EG 1844, continuous local songs, feature program about India, //s on 9950, 11620v, 13605v, and 15155 (Serra ITALY 6/17)

- 9480 **GERMANY VOA** relay via Wertachtel in EG 0240, talk and cmntry about a monastery w/hymns, church bells and organ music for a background, g, //9665, 9860 (Bauernhuber NY 7/9)
- 9510 **GERMANY Radio Farda** relay via Wertachtel in Farsi 0208-0240, Middle Eastern vocals w/IDs between selections, news in Farsi 0230, fair, //7280 poor (D'Angelo PA 6/29)
- 9526v **INDONESIA V of Indonesia** Jakarta in EG 1030, YL hosting pop music program, greetings to listeners comments on the recording artists, IDs, sked, address, s/off at 1055 (Herkimer NY 7/12) in JP 1225 with pop music, muffled audio, retuned at 1315 to find program in EG (Strawman IA, Ronda OK 7/6)
- 9575 **MOROCCO Radio Medi 1** Nador in AR/FR 2342, songs in AR, ancmts in FR, shift to music in a more Euro-Pop style at 2353, AR ID 0000, f-g (Ronda OK 7/5) in FR 0007, AR vocals (Jensen WI 7/6)
- 9575 **MADAGASCAR VOA** relay in EG 0424, sports, mailbag with letter about Zimbabwe on "Daybreak Africa", news headlines 0428, fair but buried at 0429 by VOA Greenville s/on (D'Angelo PA 7/1)
- 9615 **NEW ZEALAND RNZI** in EG 0623, report on operations at Wellington airport on "Checkpoint" pgm, ID, news, TC, promos, sports, report on Somali, fair (D'Angelo PA 6/17)
- 9655 **GERMANY Voice of Gospel** relay via Wertachtel in Vernacular *1830-1858*, IS, ID, talk with short breaks of African music, s/off with IS, p-f with noisy conditions (Alexander PA 6/20)
- 9690 **NIGERIA V of Nigeria** Ikorodu in EG 1330-1434, xmsn to SE Asia, hilife music, ID, talk re Nigerian singer Victor Olaya from the 1960's, "Time for Hilife" feature, another ID 1400, newscast, discussion show, signal ranged from S9+20 at 1351 to still audible at 1434, modulation was somewhat distorted, unusual morning reception in the summer at Oklahoma QTH (Hauser OK 6/16)
- 9700 **BULGARIA R Bulgaria** in EG *2300, IS, ID, fgy, sked, rpt on European Union, g (McGuire MD 6/3)
- 9720 **TUNISIA RT Tunisienne** Sfax in AR 0346, Mideast vocals, talk, ID, news, f (D'Angelo PA 6/17)
- 97301v **MYANMAR R Myanmar** Yangon in Vern 1359-1508*, website, reading from some type of list which was repeated several times, indigenous music, mostly poor (Howard CA 7/6)
- 9760 **CYPRUS Cyprus BC Corp** Limassol in GK? 2218-2245*, two YLs with continuous talk, local music, good, //5930 fair, 7210 buried under CRI, weekends only (Barbour NH 6/28)
- 9800 **MONACO Trans World Radio** relay via Monte Carlo in EG 0732, Dr. McGee w/program about Bible verses, TWR ID, frequencies, closedown announcements at 0749, p-f (D'Angelo PA 6/27)
- 9845 **NETHERLAND ANTILLES R Nederland** relay via Bonaire in EG 0009, "Newline", talk about illegal immigration to the Netherlands, interview w/president of Amnesty International, vg (Wood TN 6/28)
- 9875 **LITHUANIA R Vilnius** via Sitkunai in EG 2340, OM and YL w/news and actualities, pop selection, discussion of psychotherapy to 2357, local version of disco song YMCA, off 2359 (Strawman IA 7/5)
- 9910 **GUAM KTWR** Agana in CH 1145, OM talking w/occasional bars of religious music in background, IS and ID in EG at 1200, more talk in CH by OM/YL, poor w/significant fading (Evans TN 7/12)
- 9920 **NORTHERN MARIANAS KFBS** Saipan via Marpi in Vern 1152, OM talking slowly w/emphasis similar to a sermon, music 1158, ID in EG 1159, good but some co-chan QRM (Evans TN 7/12)
- 11690 **SOUTH AFRICA R Okapi** relay in FR 0550, talk, local rap mx, IDs, poor (Alexander PA 6/22)
- 11709v **NORTH KOREA V of Korea** Kujang in EG *1000, IS, IDs, NA, ancmts, local music, news, poor/fair //11735v and 15180v (Alexander PA 6/21)
- 117106v **ARGENTINA RAE** in EG 0223-0310, OM hosting EG transmission w/features and tango music, weekly DX program w/tips from BCDX newsletter, weak w/deep fades, into FR programming after a series of IDs at 0300 (D'Angelo PA 6/26) piano music, new CD releases, good (Paszkievicz WI 6/26)
- 11780 **BRAZIL R Nacional da Amazonia** Brasilia in PT 2210, ID, TC, additional station info, Brazilian pop tunes, DJ chat and brief phone-in, more local items on Brasilia (Van Horn NC 7/5)
- 11815 **BRAZIL R Brasil Central** Goiania in PT 2329-0007, discussion by various men w/several IDs at 2330 followed by Brazilian pop vocals, f-g (D'Angelo PA 6/26)
- 11870 **ASCENSION ISLAND WYFR** Family Radio relay in EG 2140, Dr. Camping hosting Open Forum with talk about his trip to Juarez, Mexico, IDs, p-f with deep fades (D'Angelo PA 7/9)
- 11990 **KUWAIT R Kuwait** in EG 1800, feature "Islam - Religion of Truth and Justice", g (Fraser ME 6/19)
- 12085 **RUSSIA Trans World Radio** relay via Novosibirsk in Bhojpuri (India dialect) 0045-0130*, OM with long religious talk, several IDs, E-mail addresses prior to program in Nepali at 0100, at 0125 same string of IDs and addresses, music, frequency ancmt at 0130*, fair (D'Angelo PA 7/3)
- 13650 **ALBANIA China R Int'l** relay via Cerrik in EG 1102, news, ID, CRI promos, p-f (D'Angelo PA 6/29)
- 13740 **CUBA China R Int'l** relay via Havana in EG *1400, ID, report on the aftermath of massive earthquake near Chengdu, fair (McGuire MD 5/27)
- 15110 **RUSSIA V of Tatarstan** relay via Samara in Tatar *0410-0500*, open carrier 0346, continuous tone at 0400, more open carrier until 0410 IS and ID, news?, greeting, folk songs, p-f (Howard CA 7/8)
- 15120 **NIGERIA V of Nigeria** Ikorodu in EG 1720-1912, YL hosting program "African Hour" dealing with question of what to do about Zimbabwe and possible formation of unity government, commentary at 1726 by OM re African Union, ID, news at 1730, Nigerian music by group, g (D'Angelo PA 7/5)

- 15190 **EQUATORIAL GUINEA R Africa** Bata in EG 1750, preacher talking thru ToH, address, theme music, then local annncr w/R Africa ID, mostly weak reception (Herkimer NY 7/4)
- 15205 **RWANDA Deutsche Welle** relay via Kigali in EG 2030, news of power generation in Northern Africa, mention of joint defense system b/w Czech Republic and USA, talk re Serbia & EEU (Wood TN 7/11)
- 15240 **AUSTRALIA R Australia** in EG 0240, report on cannabis health risks and saving the Tasmanian Devil from extinction, excellent reception, //15515, 13690 (Parker PA 6/4)
- 15240 **SWEDEN R Sweden** Hoerby in EG 1240, feature on movie great Stanley Kramer comparing U.S. films with those in Sweden, good (Fraser ME 6/12)
- 15250 **CUBA R Nacional de Venezuela** relay via Havana in EG 2302, news, IDs in EG and SP at 2308 and a few EG features before returning to SP programming around 2315, fair w/fades (D'Angelo PA 7/2)
- 15275 **THAILAND R Thailand** Udon Thani in EG/Thai *0200-0230, chimes, "This is HSK9 Radio Thailand" news, "Radio Thailand English language service broadcasting live on FM 88 and relayed to stations countrywide", "Live from the Public Relations Department of the Royal Thai Government", chimes and into Thai language programming, mostly fair (Howard CA 7/8)
- 15345 **ARGENTINA RAE** in SP 2254. transmission to Europe w/tango music, pips, R Nacional and RAE ID at 2300, excellent reception (Parker PA 6/5)
- 15410 **CHILE CVC** International relay via Santiago in PT 1415-1438, feature "Ao Vivo" presented by Leticia Machado, religious talks, IDs, announcements, song, fair (Serra ITALY 6/28)
- 15495 **KUWAIT R Kuwait** in AR/EG 2045, xmsn targeted to Africa, upbeat AR vocals, pop music program to fqy/time update in EG, ID, martial-style music 2059, pips, ToH ID, world newscast in AR, //11990 and 9855, close of news 2110 (Van Horn NC 7/8)
- 15515 **FRENCH GUIANA R France Int'l** relay in SP 1215, YL who apparently was one of the Colombian hostages released by Ingrid Betancourt sending a message of hope to those still kidnapped because she knows they listen to RFI and she's now studying French at the Alliance, into "Revista de Prensa" abrupt s/off during a chanson, usual very good signal (Hauser OK 7/1)
- 15540 **NETHERLAND ANTILLES R Nederland** relay via Bonaire in DT 2200, bell chimes, ID, frequency, schedule, "Newline" program, good (McGuire MD 6/3)
- 15565 **UNITED KINGDOM VOA** relay via Wooferton in Special EG 1330, feature about the 1920 election and President Harding, //9465 Thailand relay (Hauser OK 7/3)
- 17715 **SPAIN REE** Noblejas in SP 1736, live sporting event coverage with hysterical announcer (most likely a futbol game), exc, //17850 also exc (Parker PA 6/7)
- 17850 **COSTA RICA REE** (Spain) relay in SP 1958, pop recordings, ID, IS, and time pips at 2000, very strong reception with beam to North America (Parker PA 6/9)

Clandestine And Opposition Stations

- 6020 **JAPAN Shiokaze/Sea Breeze** via Yamata in CH *1400 signing on with piano IS, "JSR" ID, rarely heard in CH, moderate jamming present (Howard CA 6/18) ED: Station's transmissions are aimed at missing Japanese citizens believed to have been abducted and held in North Korea.
- 6300 **ALGERIA R Nacional de la RASD** relay via Rabouni in SP 2336-0000*, YL with talk, news items and music segments, YL vocals and flute music, ID, s/off ancmts 0059, p-f (D'Angelo PA 7/11)
- 9525 **ASCENSION ISLAND Cotton Tree News** relay in EG 0735-0800*, broadcasting to Sierra Leone, YL with news, ID, drum music, talk in local African languages, transmission cut off in mid-sentence at 0800, poor (D'Angelo PA 6/27)
- 9655 **GERMANY R Sauti Ya Injili** (Cameroons) relay via Wertachtel in Fulani? *1830, s/on w/theme music ID in language, animal sounds, into talk segment or news, music bridge at 1847, animated exchange between OM and YL, flute theme 1847, ID and s/off 1900, fair w/static (Herkimer NY 6/28)
- 11610 **MADAGASCAR Radio Voice of the People** in Vernacular/EG *0400-0455*, transmission aimed at Zimbabwe. s/on w/short breaks of African music, Vernacular talk 0402, into EG 0443, news about Zimbabwe elections, violence, and security, closing announcements 0454 with contact info, very good with strong signal (Alexander PA 6/22)
- 12035 **UNITED KINGDOM SW R Africa** relay via Rampisham in EG *1700, choral theme at s/on, full ID, sked, usual program of anti-Mugabe news and interviews hosted by Violet Gonda, good reception with some fading (Herkimer NY 7/4)
- 15280 **USA V of Biafra International** relay via WHRI Cypress Creek, SC in EG *2000, Friday only broadcast ex-17690, Finlandia by a distinctly non-Nordic band w/no ID or mention of frequency, soprano with "All Hail Biafra" anthem, s/off 2100 (Hauser OK 7/11)
- 17650 **USA V of Biafra International** relay via WHRI Cypress Creek, SC in EG/Ibo *2001, Biafran anthem, OM w/anncmts noting that Friday only program would return to 19 mb on July 11, hiflife music, news, commentary on Nigerian oil and gas reserves, into Ibo programming, f-g w/fades (Jensen WI 7/4) in EG 2043, heavily-accented OM giving impassioned revolutionary speech about "one Nigeria, freedom, independence, self-determination etc., NA 2056, ID 2058, exc signal (Parker PA 6/13)

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English Schedules: Mike Barraclough & WDXC, 39 Sollershot Hall, Letchworth Garden City, Hertfordshire SG6 3PW, United Kingdom
The Company Store: Jim Strader KB1KYW, 74 Miller Street, Middleborough, MA 02346-3216

MEMBERSHIP FEES:

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South America and the Caribbean	\$38.00
Europe	\$40.00
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