

The **NASWA** Journal

VOLUME XLVIII NUMBER 2

FEBRUARY 2008

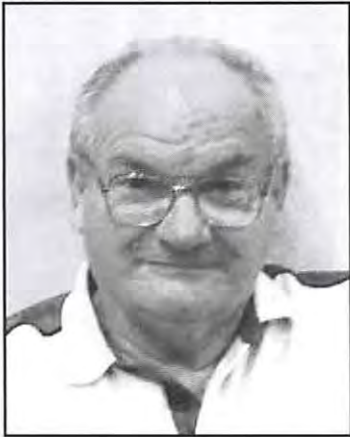


BILL OLIVER

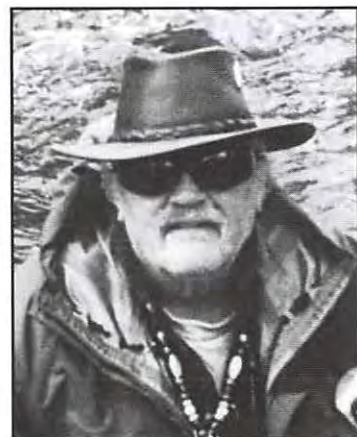
1
9
7
8



SAM BARTO



2
0
0
8



Quality Equipment From Universal Radio



PASSPORT TO WORLD BAND RADIO 2008 Edition

By Larry Magne. A *must have* book for every worldband listener. Here is everything you need to know about when and where to hear the world: hour by hour, country by country and frequency by frequency. Also includes candid, hard hitting reviews on worldband radios including portables and tabletop models. The world's number one selling shortwave guide. An indispensable reference with 560 pages!

Order #1008 \$22.95 **\$18.90**



UNIVERSAL RADIO CATALOG

Our new huge 124 page catalog is now available. Please stop in, email or call for your **FREE** copy.

[07-09]



Two E1 versions
now available!

E1 &
E1 XM

OPTION

The **etón E1 XM** is the world's first radio that combines AM, FM, shortwave and XM Satellite radio into one ultra high-performance unit. The E1 is an elegant confluence of performance, features and capabilities. The look, feel and finish of this radio is superb. The digitally synthesized, dual conversion shortwave tuner covers all shortwave frequencies. Adjacent frequency interference can be minimized or eliminated with a choice of three bandwidths [7.0, 4.0, 2.5 kHz]. The sideband selectable Synchronous AM Detector further minimizes adjacent frequency interference and reduces fading distortion of AM signals. IF Passband Tuning is yet another advanced feature that functions in AM and SSB modes to reject interference. AGC is selectable at fast or slow. High dynamic range permits the detection of weak signals in the presence of strong signals. All this coupled with great sensitivity will bring in stations from every part of the globe. Organizing your stations is facilitated by 500 user programmable presets with alpha labeling, plus 1200 user definable country memories, for a total of 1700 presets. You can tune this radio many ways such as: direct shortwave band entry, direct frequency entry, up-down tuning and scanning. Plus you can tune the bands with the good old fashioned tuning knob (that has new fashioned variable-rate tuning). There is also a dual-event programmable timer. Whether you are listening to AM, shortwave, FM or XM, you will experience superior audio quality via a bridged type audio amplifier, large built in speaker and continuous bass and treble tone controls. Stereo line-level output is provided for recording or routing the audio into another device such as a home stereo. The absolutely stunning LCD has 4 levels of backlighting and instantly shows you the status of your radio.

Many receiver parameters such as AM step, FM coverage, beep, kHz/MHz entry etc., can be set to your personal taste via the preference menu. The E1 has a built in telescopic antenna for AM, shortwave and FM reception. There is a switchable antenna jack [KOK] for an external antenna. Universal also sells a PL259 to KOK antenna jack adapter (#1052 \$14.95) as well as a sturdy angled Lucite radio stand (#3873 \$16.95).

The E1 XM comes with an AC adapter or may be operated from four D cells (not included). 13.1"W x 7.1"H x 2.3"D Weight: 4 lbs. 3 oz.

E1 XM Order #0101 **\$499.95**

> > > **New E1 version!**

We are now also pleased to offer the basic E1 without XM upgrade ability at \$100.00 less.

E1 Order #0301 **\$399.95**



The Eton E1 XM is XM ready, so you may purchase the Audiovox CNP2000 DUO XM antenna module at any time. It has a 25 foot cable. (An optional XM-EXT50 50 foot extension cable is also available #4905 \$39.95.)

CNP2000DUO Order #0072 **\$58.95**

Note: The CNP2000 DUO antenna module and XM subscription are sold separately. Activation and monthly subscription fee required for XM.

GRUNDIG YB-300PE

FREE
Receive a **FREE**
Grundig YB-300PE
with your Eton E1 or
E1 XM purchase!



The Grundig YB-300PE Professional Edition is yet another model in the proud Yacht Boy series and offers impressive features and performance. Coverage includes: AM and FM plus shortwave from 2.3-7.0 and 9.1-25.1 MHz. Shortwave tuning is in 5 kHz steps (AM is 9 or 10 kHz). FM stereo is provided to the earphone jack. Twenty-four memories store your favorite stations. Direct keypad entry, Band button, scanning plus Up and Down tuning provides rapid access to any frequency. The YB-300PE features a large LCD display with display lamp for momentary illumination. A built in 24 hour clock keeps you on U.T.C. Time. An adjustable 10 to 90 minute sleep timer turns the radio off even if you fall asleep. Other refinements include: DX-Local Switch, Scan and Lock. The back of the radio even has a flip-out tilt stand. The left side of the radio features the DC input jack, the external antenna input jack and earphone output jack. Includes an AC adapter, vinyl carrying case, carrying strap, plug in external wire antenna, Owner's Manual and stereo earphones. Operates from three AA cells. Titanium colored 5.9 x 3.5 x 1.25 in. 13 oz. Originally introduced at \$99.00.

YB-300PE Order #0300 **\$49.95**

etón E5

FREE
Receive a **FREE**
Grundig FR-200
with your Eton E5!



The **etón E5** is a world class portable radio covering long wave, AM, FM and shortwave. It offers SSB-Single Side Band, 2400 memories, keypad entry, scanning and a 24 hour clock timer. You also get: Line Output, Local/DX Switch, Wide-Narrow selectivity and external SW antenna jack. Operates from four AA cells (not supplied) or the included AC wall adapter. Comes with a manual, wrist strap, protective case, wire antenna and ear buds. 6.675 x 4.125 x 1.125" 12.2 oz. One year limited warranty. List \$169.95 Order #0055 **\$149.95**

> Purchase your Eton E5 from Universal before 01/31/08 and receive a **FREE** Grundig FR-200 AM/FM/SW wind-up emergency radio with your order!



Quality Communications
Equipment Since 1942

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

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

www.universal-radio.com

Guaranteed lowest prices on the web?

Not always. But we **DO** guarantee that you will find our website the most informative.

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

*** **U.S. flat-rate shipping: Under \$50=\$4.95, \$50-\$100=\$6.95, \$100-\$500=\$9.95, \$500-\$1000=\$14.95.**

Except Alaska, Hawaii and Puerto Rico.

The Winter SWL Festival is just around the corner. If you have not registered, now would be a good time to do that. The Fest is where many club members gather annually for a lot of fun and excitement related to our great hobby of shortwave radio listening. If you have never attended a Winter SWL Festival, this would be a good time to attend. Feistmeisters **Rich Cuff** and **John Figliozzi** have developed another outstanding program that should hold everyone's attention and provide ample opportunities to socialize and make new friends. For may the Winter SWL Festival is a reunion of sorts where old friends gather and new friendships develop. Check out the *Calendar of Events*, *Easy Listening* and look for the registration form in the back of the *Journal*. I look forward to seeing many of our members at Kulpsville once again. Stop by the club table where **Ed Mauger** and **Bill Oliver** hold down the fort for a visit. I can usually be found close by.

The club's Country List Committee (CLC) has been active of late. Another revision has been made to the country list to include Nagorno-Karabakh. The updated Country List Booklet is dated January 11, 2008. The country of Nagorno-Karabakh has been added to the checklist and gazetteer. I expect to have a report from Chairman **Don Jensen** on the recent activity of the CLC. Don's committee has been very active lately making revisions and updating the country list accordingly.

Last month saw the final *Tropical Band Loggings* column from **Dan Ferguson**. Thanks Dan for so many years of outstanding service to the club and the hobby, in general. **Scott Barbour's** first column appears this month so continue to support Scott as you ably supported Dan these last few years. It is the support of the membership that makes the club what it is today.

The Reading Area DXers had their third meeting on Friday, January 18th at Stoppers in Exeter Township, PA. The happy participants were: **Rich Cuff**, **Mark Ferrioli**, **Ron Hunsicker**, **Ed Mauger**, **Dave Turnick**, and your editor. Another good time was had by all. Informal discussions, passing around some old radio related magazines, the latest news about the upcoming Winter SWL Festival, and some food and drink was the meeting agenda. Nothing fancy but a lot of fun. The group's next meeting is scheduled for February 29, 2008 at The Flying Dog in majestic Earlville, PA so if you would be interested in attending please contact me so I can get you on the Reading Area DXer distribution list. That way any changes in time, date, venue, etc can be rapidly transmitted to all concerned. Meeting with fellow hobbyists is a great way to add enjoyment to our fine hobby.

Congratulations to **Sheldon Harvey** who just kicked off the 10th year of the Radio H.F. Internet Newsletter in January. The newsletter collects favorite internet websites from its readers for distribution in subsequent newsletters. Contributors receive a 2% discount on their next purchase from Radio H.F. The e-mail address for all contributions, comments and free subscriptions is: hfnewsletter@yahoo.com.

Mathias Kropf in Bad Hersfeld, Germany provides his annual *2007 Clandestine Activity Survey*, which is an interesting summary of activity. During the year 2007 the activity of political clandestine stations broadcasting on shortwave increased by 4.8% to 1321 Weekly Broadcasting Hours (WBHS). This is way below the record 2384 WBHS measured in 1990, but still up from the all-time low of 1116 WBHS in 1999. Activity of clandestine stations broadcasting to target areas on the Asian continent increased by 7.9% to

Our Motto: Unity & Friendship

939 WBHs while activity to target areas in North America also increased by 11.4% to 215 WBHs. However, there were decreases in activity such as to target areas on the African continent which dropped by 15.2% to 167 WBHs. The three most active target areas worldwide are China with 240 WBHs (+40 when compared with last year), Cuba with 215 WBHs (+22) and North Korea with 196 WBHs (+14). The number of different target areas active worldwide has dropped sharply from 24 in the previous year to only 18 at the end of 2007. While no new target areas have emerged during the past 12 months, the following target areas that were still active one year ago are now thought to be inactive: Maldives, Libya, Sudan, Uganda, Gambia and Cameroon. Thanks Mathias for the interesting review of 2007's clandestine activity.

Rolf Wernli <webmaster@dswci.org>, webmaster for the Danish Shortwave Club International (DSWCI) informs us that a copy of their 50th anniversary issue bulletin of Shortwave News is available for a free download from the club's website at <http://www.dswci.org/news/2007/0712/try.html> (non members only). If you are looking for a truly international club with a good PDF bulletin and a bi-weekly electronic tip sheet similar to our own *Flashsheet* check out the DSWCI. A free copy of a recent *DX Window* is also available for viewing.

On 4-8 February 2008 a High Frequency Coordination Conference (HFCC) on global shortwave coordination will be held in Kuala Lumpur to try to resolve many of the potential interference problems likely to affect shortwave transmissions. The conference will be hosted by United Kingdom-based VT Communications on behalf of the HFCC, the Arab States Broadcasting Union. A completely new database of frequency requirements for the shortwave radio broadcasting season from 30 March to 26 October 2008 will be on the agenda of the Kuala Lumpur conference. During the conference, delegates will try to resolve, by mutual coordination, many of the potential interference problems likely to affect shortwave transmissions in the "A08" joint global broadcasting schedule. The coordination system is designed for efficient and economical use of the

shortwave spectrum and the improvement of reception of shortwave radio broadcasting worldwide.

Beginning in April, there will be a new European radio station for all of Europe. From preliminary reports, Radio Netherlands Worldwide will run the website—scheduled to launch in the summer—and handle the English programming with support from twelve other European broadcasters that will produce programs for a European audience. The project was launched just prior to Christmas with a signing in Brussels among the participants. Other participants include Radio France Internationale and Radio Deutsche Welle with a five year agreement founding of the European Radio Project (ERP). The European Commission has made 5.8 million euros available for the first year. In its first year, the station will broadcast programs in English, French, German, Spanish and Polish with the ultimate being to broadcast in all the languages of the European Union. The new station will be entirely funded by Brussels but with complete editorial independence. Will we see shortwave broadcasting from this new station or only local media outlets? Time will tell but it is worth watching to see what develops.

It is not too late to get your comments into **Dan Cashin** about how to re-energize the Philadelphia area meetings. These meetings have been held for many years at the same hotel as the Winter SWL Festival but attendance has fallen off in recent years. Perhaps it is time for a change of venue and/or some fresh ideas. Dan would love to hear from members interested in getting another round of meeting off the ground. Remember, everything is fair game from location, to starting time, to format, etc. If you have an interest, please contact Dan Cashin (Dcscpk@aol.com or 610-446-7831). Let's see if we can get the Philly area back up and running in 2008. Please contact Dan with your thoughts, comments, suggestions and ideas.

Here is another reminder about the special Radio Free Asia (RFA) 20th NSL card commemorating 2008 as the Year of the Rat. Our good friend **A. J. Janitschek**, Production Support at RFA sent word last month about

this special card. The rat is one of the twelve animals used in the Chinese zodiac. Those born in the year of the rat are considered ambitious meticulous, industrious and sociable. This new card will be issued for all valid RFA reception reports for January 1st through March 31, 2008. Reception reports can be sent to them at www.techweb.rfa.org or by e-mail at qsl@rfa.org or the old fashion postal method at Reception Reports, Radio Free Asia, 2025 M Street, Suite 300, Washington, DC 20036.

Anyone have the time to check out **Shawn Wickens** who is the creator of 30,000 Kilo-hertz of Sound, created by Shawn Wickens? Briefly, Shawn sent word through Bill Oliver stating, "I am involved with a theater group who creates improvised shows incorporating shortwave radio transmissions. We have recently started a website <http://www.30000khz.com/> that includes audio files of some of our past shows. Perhaps this would be of interest to some of your readers. Feel free to email me if you have any questions or comments about our New York show. Thanks for your time." Shawn's e-mail address is shawn.wickens@gmail.com. If any members have looked into this website, I would be interested in any member feedback through a musing. Let me hear from you! Thanks!

Don't forget that the latest database and pdf editions of **Bruce Portzer's** shortwave *Pacific Asian Log* are now online at www.radioheritage.net. All the latest changes, new stations, new formats and much more. Thousands of SW radio stations covering the entire Asian Pacific region. Online search possibilities. Access remains complimentary 24/7 for worldwide users. This is the most comprehensive listing freely available anywhere online. Well over 23,000 data entries.

Remember, **Andreas Schmid**—QSL Editor for the Danish Shortwave Radio Club and curator of the Pennant Museum—is offering *Radio Pennants of the World*. It is an HTML multimedia CD in English with a comprehensive listing of radio station pennants from all over the world. Nearly 2800 pennants from 102 countries out of the Pennant

Museum are described and pictured. All pennants can be looked at in the enlarged view via a comfortable navigation system where you can choose continents, countries and stations. A short preview is available at <http://www.addx.org/pennants/>. *Radio Pennants of the World* is available for US\$45.00 or 30 Euros which includes shipping and handling. For further information contact Andreas Schmid at schmidandy@aol.com or via postal mail at Lerchenweg 4, 97717 Euerdorf, Germany.


We are in the midst of the DX season and it appears the sunspot count will be moving upward. Are you getting the latest hot information about what is happening on the shortwave bands? Having the club's electronic *Flashsheet*, now over 300+ issues old, in your hands each week you will be up to date with news and information about the DX scene as the season progresses. If you have not signed up for the club's electronic *Flashsheet* service, you are missing out on timely news and information that will enhance your shortwave listening pleasure. It is now time for you to get on the distribution list for the club's electronic *Flashsheet* to stay up-to-date. The changing DX conditions will bring different DX opportunities and new listening targets. The club's electronic *Flashsheet* helps members stay on top of the action with breaking shortwave news and information. If you are a current member of the club and want to receive the electronic *Flashsheet* just drop **Rich D'Angelo** (rdangelo3@aol.com) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic *Flashsheet* edited by **Mark Taylor**, markokpik@tds.net. Each week the electronic *Flashsheet* brings a lot of exciting, late breaking DX news and information to our members. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news. This is a service that is only available to our members. Deadlines are posted in the *NASWA Flashsheet* each week.

Once again, I have a wayward Flashsheeter. Please contact me with any change of e-ad-


dress so I can continue to send the Flash-sheet to you each week: Jim Pogue. Thanks!

Please remember to direct all communications about subscriptions, bulletin delivery issues, Valentine's Day gift ideas, the use of PayPal as a payment method, etc. to **Bill Oliver** at the club's Levittown address or to

his electronic address, weoliver@comcast.net. The regular postal address is the familiar 45 Wildflower Road, Levittown, PA 19057. Inquires sent to Wyoming only slow down the process. Thanks!

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

FRENDX: Twenty-Five Years Ago (February 1983)


The cover featured former *Log Report A* editor and then current North American reporter for Radio Nederland's Media Network Dan Robinson in his shack with his Hammarlund communications receivers. John Herkimer replaced Chris Hansen as the new editor for the *Shortwave Center*. Part 3 of Don Jensen's "On To The Top" series plus an exhaustive survey of Latin American verification by Stu Klein were featured. John Herkimer wrote about Emisoras Gran Colombia. John Moritz brought back *It Sounds to Me!* opinion column. John Kapinos was interested in hearing from other members that wanted to swap SWL cards. Serge Neumann was selling his Hammarlund HQ-180A with KRS digital frequency display for \$520.00 while Ken MacHarg was looking for a copy of Richard Wood's *Voice of the World*. In *Vintage Vignettes*, Bill Taylor noted it was his third year as editor. In his *Technical Topics* column, Ed Shaw wrote about the new Kenwood R-2000 communications receiver designed to compete with the new Icom R-70 also just appearing in the marketplace. In Glenn Hauser's *Listeners' Notebook* column, it was noted that The Association of Clandestine Enthusiasts was accepted by ANARC as an Associate club with over 100 members. In his *QSL Report* column, Sam Barto noted only 80 countries were represented which is the lowest country count during his editing tenure. He encouraged members to continue to send reports out. 

Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Bob Montgomery** (Address: 4621 C Street, Philadelphia, PA 19120). *Note: this is a new postal address as of July, 2007!* He will forward them to the appropriate editor. Remember, Bob also distributes QSL report information and totals for the **Scoreboard** column. He can also be reached through the Internet at: rmonty23@verizon.net.

Calendar Of Events

- Feb 4-8 Conference.** The next ABU-HFCC shortwave coordination conference for the A08 season will be held in Kuala Lumpur, Malaysia from 4-8 February 2008. VT Communications, an NASB associate member, will be hosting.
- Feb 8 Meeting. Philadelphia Area NASWA Chapter.** Kulpsville Holiday Inn, Kulpsville, PA at 7:30 PM. For more information contact Dan Cashin at 610-446-7831 or Internet: dcscpk@aol.com. Dan is looking to re-organize these gatherings so please contact him to re-establish these meetings.

- Feb 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/>
- Feb 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>>curt@nerdster.net.
- Feb 29 Meeting. The Reading Area DXers** will hold another meeting at The Fly 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.
- Mar 7-8, 2008 Convention. The 21st Annual Winter SWL Festival**, sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 7th and 8th March 2008. Richard Cuff and John Figliozzi co-chair the organizational committee. Although it is early, you don't want to miss this special FEST event. See you there!
- Mar 8 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meets at the Lebanon Citizens' National Bank (LCNB), 425 West Central Avenue (Ohio 73), Springboro, Ohio at 7:00 PM. For more information contact Mark Meece at 937-743-8089 or e-mail at <antennapig@siscom.net>. For additional information about MONIX, check out their web site at <<http://www.siscom.net/~mmeece/monix.html>>
- 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.
- 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. 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.
- 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.
- 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!
- 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

Joe Wood joekennethwood@usa.net Greenback, TN

Santa came early for me. I just received my Eton E1 yesterday, and below are the results. As of 12/22/07 at 0442 UTC, Circuit City still has them on the website for under \$230 + tax. I called Eton with the serial number of mine to verify that it wasn't a returned or refurbished unit. Eton confirmed it was not a refurbished unit, and commented that Circuit City was "giving them away." One thing to keep in mind is the one I got was an early model with a questionable wall wart (Thanks for the hint Mr. Ronda) Eton is sending me a new one. Also, this model DOES NOT include the XM Satellite Radio function. I guess I could install it later, but aren't Shortwave and Satellite Radio diametrically opposed?

My first impression of the E1 is good. The audio from the speaker is great. It really separates signals well. With my DX 390, a strong station might bleed over several kHz, but not with the E1. The side band capabilities are great. After 10 years of fiddling with a BFO, I couldn't believe how easy it was to hear the pirate and a couple of UTEs. If it had only come last week in time for RSH! I was operating tonight barefoot and with a 21 ft reel antenna, and was having better luck than before. After several emails to Mr. Ronda and Mr. Taylor, I think I am going to rig a FlexTenna in the near future.

At this point, the only slight negatives are: There are controls on both port, starboard, and on the face of the radio so one handed operation is not feasible-makes it a little tougher to write in a log book while listening and the display is hard to read when the radio is vertical.

Thanks to Mr. Penney for posting the notice in the Flashsheet last week, and thanks to Mr. Ronda and Mr. Taylor for all their advice.

The website for Passport to World Band Radio is reporting that Eton will no longer produce the E1 radio. It also is reporting that there are rumors of the Grundig G1 or Satellite 1000 will also be discontinued. Thanks to Jim R for the tip. The PPWBR website now (01-11-08) has conflicting stories on the E1 being discontinued.

Dario Monferini info@playdx.com, Via Davanzati 8, 20158 Milano, Italy

Best wishes for a very good 2008 to all NASWA members.

Stephen Price vinyltocr@msn.com, Johnstown, PA

Best wishes to everyone in this holiday time. Maybe Santa's sleigh can trigger some solar activity for us as the DX season continues...

I am sure that we radio buffs all have some memorable holiday DX Logs, some big, some small. Here are two of mine that have stuck with me for many years. I enjoyed writing them and resurrecting the memories into words. Maybe others can relate.....

It was Christmas Eve back in the early 1980's or so. It was the first real day off from school to start the holiday break, which was very welcomed to myself as a teenager at the time. Christmas Eve seemed to be the longest day of the year for me, so I would always try to somehow occupy myself every waking moment until all the family, festivities, and gifts started later that evening. I began my morning by going over to the desk in front of my bedroom window, firing up the Sangean ATS-803 radio, and check out the bands. It was snowing and blowing outside my window, adding a very special touch, excitement, and atmosphere to the Christmas season. When I was scanning the 31 meter band, I came

across a strong station playing the "Ray Conniff Christmas Album". I knew this record because Mom would frequently play it during the Holidays. I was enjoying the music so I stuck with it. Ray Conniff's "White Christmas" was playing from some foreign land just as it was happening right outside my window before my eyes. It was somewhere around 14-15 hours GMT (9-10 AM local time) when the station broke. They gave ID as "This is the Sri Lanka Broadcasting Corporation, Colombo". I was very excited as I pulled out the WRTH to look them up. Sure enough they were on 9720 as I caught the frequency announcement. They also gave a time check which did not sound right to me. The minutes did not correspond to GMT. I then learned about Sri Lanka's time difference! This may not sound like much but it was a very memorable and special experience to add to some "tales of the glories of Christmases long, long ago." The QSL came that hot summer.

Again, it was Christmas Eve back in the early 1990's when I sat down to the R-5000 one local late afternoon to check out the bands. It was a cold and clear afternoon with a beautiful sunset glistening upon a blanket of snow with a nice late afternoon moon in the sky. I started the DX session on 90 meters and then to 60 meters. Both bands had their regular stations propagating. Things were quite normal. However, my interests were sparked when I found a very strong signal on an odd frequency of 4975. The broadcast contained a program of traditional holiday music with a deep voiced strongly accented English announcer. Hoping this was my first good catch of Uganda, I had zero beat the frequency to 4976 and quickly paralleled it to 5026. To my total and utmost surprise, it was them. The signal was armchair quality and the reception of Radio Uganda that Christmas Eve afternoon could have matched my local AM/MW stations. Radio Uganda was holding the meter well into the red zone. The programming consisted of traditional Christmas songs and hymns. One of the songs was the upbeat version "Mary's Boy Child Jesus Christ (was born on Christmas Day)". Others consisted of Mitch Miller carols and songs from many other familiar artists. On that Christmas Eve, my parents, grandparents, and I enjoyed supper to some holiday programming, not coming from WKYE-FM, but from Radio Uganda! As we were heading out the door for church later on, the extended broadcast was still going strong as the announcer said "We will switch programming to Vatican City for Midnight Mass with Pope John Paul II." And they did. With that, I powered down and headed out for my own Mass to start the holiday festivities with a memory I will never forget. We still converse about the "Radio Uganda Christmas Eve" fifteen some-odd years later. Oddly enough, I have never heard Radio Uganda of that signal quality since that Christmas Eve. The QSL came that spring.

Does anyone else have any cool memorable Christmas DX?

Scott R. Barbour Jr. srbjrswl@yahoo.com, Intervale, N.H.

Having been an active member of NASWA since 2001, a mere "blink of an eye" compared to many of the DX veterans within these pages, I am flattered by both the consideration from Dr. Harold Cones and those within the Inner Circle, as replacing the "retiring" Dan Ferguson as Tropical Band Loggings editor, and the kind words from Rich D'Angelo & Dan in last months Journal. From reading of Dan's role within the club over the years, his are very large shoes to fill. I hope the hobby affords me the same opportunity to provide years of club service. I thank you all.

At this time, I would also like to encourage all members to submit their logs and let others know what you are hearing on the bands. Remember, our clubs Journal is only as good as we members make it to be.

Toshi Ohtake <ohtaket@yahoo.co.jp>, 5-31-6- Tamanawa, Kamakura 247-0071, Japan
Happy New Year to all of you.

First topic is the new QSL card of the Japan Shortwave Club ("JSWC"). We are starting to issue new QSL card symbolizing the ear of mouse in the 12 zodiac signs. For the first 20 reports we will issue hand-painted cards, instead of normal printed ones. So please hurry in sending in your reports, directly to me. Toshi Ohtake, 5-31-6- Tamanawa, Kamakura 247-0071, Japan. JSWC DX reports are heard in Wavescan program of AWR on the first Sunday (6 Jan, this month) and DX Partyline of HCJB on the 4th Saturday. These program are also heard through WWCW and WRMI.

Second topic is Radio St. Helena Day 2007 on December 15. The signal of this station this year was very weak, and buried in noise most of the time in metropolitan Tokyo area, where the best signal came between 2220 and 2300 UTC, but SIO rating was 151. One of our members living in Hokkaido, Northern Island of Japan, reported that he heard clear signal from 1820 to 1945 UTC. Due to heavy snow, he used indoor-antenna, type LA-380 of AOR and ICOM IC-7000M receiver. He enjoyed listening to music such as "Love Me Tender" by Elvis Presley and "Dancing Queen" by ABBA.

This is all for this month and wishing you good DXing!!

Jim Ronda Tulsa, OK

Thanks to Mark Taylor and Jerry Strawman for continued good listening sessions; special thanks to Jerry for telling me about R. Vision Christiana International Turks and Caicos Islands, 530 kHz at 0450 on 12/30. Not shortwave but the only way I'm going to hear Turks and Caicos!

A number of DXers noted that the period beginning at 0400 on 1/6/08 provided some exceptional openings. Doing a quick band scan (0400-0445) on 90, 60, and 41 meters I found a surprising number of stations at fair to very good levels. 60 meters offered: 4780 Djibouti; 4845 Mauritania; 4915 Macapa; 4930 VOA-Botswana; 4960 VOA-Sao Tome; 4965 The Voice-Zambia. 41 meters seemed especially "station rich" with the following: 7105 BBC-Asc, 7110 R. Ethiopia, 7120 BBC-Meyerton, 7125 VOR-Moldova, 7135 RFI-Issodun, 7150 VOR-Armavir, 7160 BBC-Asc, 7190 RTV Tunisienne, 7220 R. Farda, 7275 RTV Tunisienne, 7350 VOR-Vatican City, 7390 Channel Africa-Meyerton, 7425 R. Tirana, 7475 Voice of Greece, R. Medi Un-Nador was present on 9575; VOA-Sao Tome was fair-good on 9675.

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

My power came back again on Jan. 5, after being off for over 24 hours, as a result of a rainstorm with very high winds. Reception was unbelievable good during this period, as propagation was excellent (especially for Africa) and no local noise to contend with. Extremely enjoyable listening as a result of this very unique set of circumstances!

On Jan 9 I received the following e-mail: "The future of CKZU [Vancouver - 6160 kHz.] is currently being evaluated. There is a distinct possibility that the operation could close. However a final decision has yet to be made, and will depend in part on whether the FM application is approved and the new service is implemented. At this point a 'wait and see' approach is best. Thank you again. Kim Belle, CBC Audience Relations" <cbcinput@toronto.cbc.ca >. I have responded to Kim's e-mail and expressed my opinion that as a listener of CKZU-Vancouver, I would be disappointed to have them close their SW operation. Perhaps it would be appropriate if others who feel the same way were to also e-mail Kim.

Vince Henley (KB6GV) <vincehenley@earthlink.net>, San Anselmo, CA

I just signed up for the weekly flash sheet and after reviewing my first one (#310) I must say it was more impressive than I expected. As soon as I get something better than half a rabbit-ear antenna here and retrieve one of my better receivers from storage I expect to be able to make my own contributions, however infrequently.

My location is currently in Northern California, north of San Francisco in Marin County. The town is San Anselmo, CA. It isn't particularly electronically quiet around here and I'm on the wrong side of some coastal mountains for good Pacific direction signal capture, but I intend to give it a significant try. Fortunately, I also have a very electronically quiet ranch about a hundred miles farther north in California where we are far, far away from any electrical noise and are "off the grid". The main site on the ranch is on a ridge-top with unobstructed views for 360 degrees except for redwood trees, which make handy antenna supports. It's a great place, but I'm not there often enough at the moment to do much SWLing although I do have a functioning ham station and SWL listening post there.

Since I sold out of Silicon Valley in late 2006 where I had my previous home and disassembled my ham station, antennas, tower and listening post there I have been SWL inactive, but I am getting back into it. My really good receivers are in storage, but readily accessible, and I purchased a couple of Sony ICF-SW7600GRs to add to my vintage Sony ICF-2010 to satisfy my thirst for listening to strange signals around the house. I put one of the 7600s on my sailboat and it gets a fair amount of use there, although not usually for shortwave. A bit later I'll retrieve one of the NRD or Drake receivers from storage and set it up here.

Here at home I'll put up at least an unobtrusive dipole to listen, but I fear that we have a very high noise level, especially on the lower bands. I spend more time here than at the ranch, although that will change in the future, so I want a small listening post here even if I can't get a full station going due to terrain and local restrictions. Now, all I need to do is convince an equipment-phobic spouse that all this gear, and the space it occupies in our smaller home, is justified to keep me functioning in a sane way. I'll be lucky to be able to devote more than about four to six hours a week to listening, given my other obligations, but I intend to try to schedule that precious listening time to the best advantage for capturing interesting signals from afar.

Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610
The Winter SWL Festival is quickly approaching. I always look forward to this annual club sponsored event where you get to meet and greet so many hobbyists and club members in one place. The program is always a good one and the opportunities to mix with other radio folk are outstanding. If you have never attended, I would invest the time and money to attend. It is a great way to further your enjoyment of the radio hobby with other like-minded individuals. I hope to see many of you in Kulpsville once again.

The final DXpedition to French Creek State Park will take place on the dead NFL weekend. This has become the "home" for our final trip since the NFL has taken a two week break after the conference championship games. Rich Cuff, Fred Kohlbrenner and Ed Mauger will join me for another 48 hours of DXing fun.

This month's QSL bag begins with China Radio International QSLing their relay from Cerrik in Albania with a Beijing 2008 Olympics card. I guess we will be seeing a lot of different Olympic themed cards over the next few months. I was pleased to receive a QSL from Open Radio for North Korea for a transmission via KWHR in Naalehu, Hawaii. The reply from verie signer Young Howard came for a report send to P. O. Box 158, Mapo, Seoul 121-600, Republic of Korea address. Kathy Otto, Broadcast Planning at Sentech, provided a verification of Radio Okapi. Walter Brodowsky, T-Systems Media & Broadcast, QSLed Trans World Radio who was using the Wertachtal facility with 100 KW. Radio Deutsche Welle verified a broadcast via Sines in Portugal with a full data card for an electronic report. Finally, Irene Vidot, Secretary PA (Irene.vidot@vtcoms.sc) in Seychelles QSLed the BBC Indian Ocean Relay Station.

Easy Listening

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

Voice of Croatia's *Croatia Today*—a very good focused broadcast

In shortwave's heyday up until the 1980s, Croatia didn't even exist as a country—it was part of Yugoslavia, that experiment in multi-ethnic society that did not survive the fall of communism.

Croatia, now a separate country, has its own radio voice reaching out to the Croatian Diaspora and the international community—the Voice of Croatia. The Voice of Croatia, a state-funded broadcaster, targets a domestic and international European audience via satellite, mediumwave, shortwave, and live Internet webcast; while mostly in Croatian, programming is also offered in Italian, Hungarian, Spanish, German, and English. English programming targeting North America is relayed using Deutsche Welle's former transmitting facility (now operated by the German telecommunications firm Deutsche Telekom) in Wertachtal, and is relatively easy to hear in eastern North America.

The English language program is called *Croatia Today*, and offers programming of various durations (ranging from 3 to 15 minutes) that includes news, sports, weather, and a feature story, all intended to help establish Croatia's position in the global sphere and highlight accomplishments and activities of Croatians in the global community.

I recently caught the 0300 15-minute edition of *Croatia Today*, and found it to be a well-produced magazine of information that held my interest throughout the program. The announcers spoke in nearly-unaccented English, and the programming was sufficiently fast-paced to avoid that dreary sound that has historically pervaded

eastern European broadcasters. Clearly one gets the feeling that Croatia is eager to become an increasingly important player on the global stage.

The announced times for the English service don't match either my own listening or what's posted at the Prime Time Shortwave website. Prime Time Shortwave shows times targeting the Americas of 2315 and 0300, for a seven-minute program; the webcast itself concurs with the 2315 time and also mentions 0700, 1100, 1700, and 1905 UTC. My own listening jived with the Prime Time Shortwave mention of 0300 UT, but for a duration of 15 minutes, not seven. All sources agree with a frequency of 7285 kHz for the 2315 and 0300 editions, however.

Definitely worth a listen—it's a good example of how to program a station having a narrow focus in a way that holds interest for a global audience.

CBC's *Age of Persuasion*

This isn't uniquely shortwave-specific, but it's a program that looks to cover interesting material. *The Age of Persuasion* is a series from the CBC's domestic Radio One services, exploring the countless ways marketers permeate our lives, from media, art, and language, to politics, religion, and fashion. The series launched its second season in early January, beginning with a look inside political campaign advertising, the only type of ads whose content is exempt from regulation.

The second episode investigated sports marketing, profiling C. C. Pyle, considered the first modern sports agent.

Age of Persuasion airs 11:30 AM local time on Saturdays; as one treks across Canada's time zones, this would be 1530 through

1930 UTC via the live Radio One streaming services. Sirius satellite radio subscribers can hear *Age of Persuasion* Saturdays at 1530 UT. The printed schedule for the CBC's Northern Quebec shortwave service on 9625 kHz was prepared long before this series hit the schedule, but *Age of Persuasion* should go to air at 1630 UTC on 9625 kHz—Saturdays through 1900 UTC have historically featured English language programming.

As of now the program is not available on-demand or via podcast, because Canadian law regarding the use of archival copyrighted material (advertisements, TV show clips, movies) is apparently still dynamic, and the show's producers want to ensure all necessary licensing agreements are in place.

For more information on the series, visit <http://www.cbc.ca/ageofpersuasion>.

Thanks to Glenn Hauser and DXLD for the tip.

Cultural programming suggestions

Bill Tilford chimes in with the following suggestions on cultural programming:

Although reception of Radio Romania International in my area has been problematic the past couple of months, its cultural programming for those who can hear it is very good and often witty (particularly Letter From Bucharest, which sometimes becomes an entertaining rant about the foibles of modern life in Romania, and Society Today).

China Radio International: *One must remember at all times that this program is sifted through a governmental filter, but even so, Life In China is often an interesting presentation of some of the issues that Chinese citizens are experiencing in the wake of urbanization and modernization, and even with censorship issues, it is more far candid and listenable than the programming from the Maoist era and worth a visit now and then. Another program, China Drive,*

seems to be an attempt in some respects to replicate our morning drive FM programs here in the States (minus the traffic/weather updates etc.) At first, I wanted to dislike this program on general principles (I dislike most American morning drive shows also), but the program has become more entertaining than I expected it to be.

Radio Prague and Radio Sweden are both worth grazing for very good slice-of-life stories embedded in their broadcasts. [With both of these broadcasters generally following a "magazine" format in their programming, it can be tough to predict what might be airing on a given day. -ed.]

Radio Netherlands' Curious Orange is a new entry in this genre, on cultural phenomena and traditions in Holland and how they look to a native Nederlander (Michel Walraven) as well as someone new to the Netherlands from Canada (Ashleigh Elson). Like all Radio Netherlands programming, *Curious Orange* is well-produced and treats its material in an interesting way. As you might expect, *Curious Orange* is available via podcast, on-demand, and live streaming via the web, as well as shortwave; shortwave air times targeting North America include Mondays 1230 and Tuesdays 0030, 0130 and 0530.

Corrections and Updates

My January column was unusually snake-bit—in some instances I provided inaccurate information, in others the information changed at about the same time your *Journal* showed up in the mailbox. Thanks to Glenn Hauser who pointed these out and corrected my information.

Radio Japan

Last month I said that Radio Japan's English language broadcasts had been shortened to 20 minutes each. Not so—three of the four broadcasts targeting North America are 30 minutes long, not 20 minutes—10 minutes for news, 20 minutes for *What's*

Up Japan (weekdays), *World Interactive* (Saturdays), and *Pop Up Japan* (Sundays). The 20-minute broadcast is at 0000 UTC and airs the feature programs from the previous UTC day.

Kol Israel

Last month I mentioned the possibility that **Kol Israel's** shortwave service was due to end as of December 31st; once again, rumors of its shortwave demise were premature, as funding is now in place through March 31st.

Radio Ukraine International

Last month I mentioned its SW transmission to North America remained off the air; RUI returned to shortwave targeting North America on January 1st.

Sudan Radio Service

Last month my time and frequency information was way off for them; here's when they're on the air with English:

0300-0330 5975 KIG 250 kW / non-dir
EaAf English Mon-Fri
0530-0600 9525 DHA 250 kW / 240 deg
EaAf English Mon-Fri
0530-0600 13720 DHA 250 kW / 240 deg
EaAf English Mon-Fri
1530-1600 9840 MSK 250 kW / 190 deg
EaAf English Mon-Fri
1500-1530 9840 MSK 250 kW / 190 deg
EaAf English Sat/Sun
1730-1800 9840 DHA 300 kW / 240 deg
EaAf English Mon-Fri

Transmitter site codes: KIG—Kigali, Rwanda; DHA—Dhabbaya, Oman; MSK—Moscow, Russia

All broadcasts are available via on-demand webcast as well; given that Sudan Radio Service no longer uses any UK transmission facilities for its English services, these shortwave frequencies likely don't qualify as truly "easy" listening, and webcasts are your safest bet.

That'll teach me not to include frequency information in the column...

Winter SWL Fest update

Preparations are well underway for the 21st (!?) Winter Shortwave Listeners' Festival, set for March 7th and 8th in the Philadelphia, PA suburb of Kulpville. A registration form appears elsewhere in this edition of the *Journal*; you can also print a larger version of the registration form at the Fest website, <http://swlfest.com>. Another website to check out is the weblog we maintain for the Fest, <http://swlfest.blogspot.com>. There you'll find updated information and links to other Web resources you may find helpful as you make your plans.

It looks like another very good combination of forums will be on tap this year, and the usual opportunities to simply sit around and "...just talk radio..." will abound as well. Lately I've seen some pretty inexpensive airline fares into Philadelphia—as low as \$99 each way from the West Coast—so don't ignore the Fest just because you live beyond a comfortable driving distance.

BBC World Service February Highlights

Alan Johnston, the BBC journalist kidnapped and held in Gaza for nearly four months last year, returned to the BBC airwaves as of late January, as host of the World Service edition of *From Our Own Correspondent*. This marks a departure for the World Service edition of the series, which historically hasn't had a permanently-assigned host to the program. Best chances to hear *From Our Own Correspondent* via shortwave are Saturdays 1806 and Sundays 1506 via service targeting Africa; Saturdays 2206 should be easily audible via the Central America-targeted service on 5975 and 9525 kHz.

Meanwhile, the World Service launched its redesigned website this past December; I participated in some of the online "forum" discussions surrounding the design of the site. The new website is actually simpler in design than the older site was; there is less

news content on the World Service site, as someone who wants to see the news is then directed over to the BBC News website. The new World Service website provides quicker access to programming links, which is a real plus—and restores the notion that individual programs are still relevant in an increasingly on-demand Internet era. As before, the World Service website is <http://www.bbc.co.uk/worldservice> or <http://www.bbcworldservice.com>.

A special “programming season” called *The Putin Project*, focusing on today’s Russia, goes to air in February; several documentaries as well as regular series are devoted to this theme.

The Kremlin and the World is a four-part documentary series airing over two weeks beginning February 18th in the *Monday Documentary* and *Wednesday Documentary* time slots. Former BBC Moscow correspondent Tim Whewell talks to those closest to President Putin and their counterparts in the Pentagon and the capitals of Europe. Nearly 20 years after the Cold War, there’s a new chill in relations between Russia and the West. An historic chance for partnership—even friendship—has been lost. Whewell follows the recent precarious diplomatic dance—and finds out what has poisoned a relationship which is crucial to the planet’s stability. As both Russia and the US prepare to change Presidents, Whewell tells the inside story of how Russia and the West came to fear each other again. Best shortwave air times should be Mondays and Wednesdays 1406 and 2106, plus Sundays 1306 (a repeat of the Monday episode), in the Africa service.

Martin Sixsmith gets under the skin of the fastest growing and arguably most politically influential secret service in the world in a two-part series, *After the KGB—Inside*

Russia’s Security Services, airing in the *Friday Documentary* time slot on February 22nd and 29th. The evolution of the secretive Federal Security Service of the Russian Federation—known as the “new KGB”—following the collapse of the Soviet Union is explored on the 22nd; Sixsmith examines the FSB’s current position and methodology on the 29th. Best shortwave air times are once again 1406 and 2106, this time on Fridays.

The regular series *Health Check* also joins the series, with a two-part report on the state of Russia’s health care system in *Health In Russia* beginning Monday, February 25th. Best shortwave air times should be Mondays 1432 and 2232.

Similarly, *Discovery* airs a two-part *Science In Russia* series beginning Wednesday, February 27th; shortwave air times are 1432 and 2232, plus a bonus airing Saturdays 0332, all in the BBC’s Africa-targeted services.

If you care to listen to any of this programming via web live streaming, visit the *Programme [sic] Times* web page, listed at the bottom of the main *Radio Schedules & Frequencies* page; the times shown for each program in the Europe stream are the times used in the live webcast shown on the main World Service web page.


Request for Programming Suggestions—Language Lessons

For the March column, please send along any favorites you have for language lessons—thanks! Once again, only one person—out of NASWA’s entire membership—took the time to contribute anything last month.

Until next month,

73 DE Richard

WWW Shortwave Listening Guide

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

Shortwave Center

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

DX Target: Cotton Tree News News and Information for Sierra Leone

By Richard A. D'Angelo

The Swiss-based Hironnelle Fondation has been coordinating a series of media-based projects in some of the world's trouble spots for more than ten years, especially on the continent of Africa. Founded in March 1995, it strives to provide free and truthful news and information with its independent radio network using the airwaves to oppose violence and poverty. From the beginning, they have concentrated on the information needs of the local population while developing their technical capabilities. Hironnelle Fondation is aware that people in strife torn areas need quality information, particularly in areas of crisis.

In 2001, the Hironnelle Fondation adopted a Charter setting out the values they adhere to: independence, professionalism, honesty and openness. The organization is driven by its ethical values which are vitally important.

These include respect for human dignity, honesty, and transparency in management. The bottom line is that they must maintain their independence from all political and economic influences.

The numerous areas that the Hironnelle Fondation serves have one common theme, unstable governments lacking an independent well-run news media. Hironnelle operates Radio Okapi in the Democratic Republic of Congo together with the United Nations and runs projects on its own, such as Star Radio in

Liberia which was founded in 1997 to create a neutral forum for the presidential election campaign. Other examples are Radio Ndeke Luka, in the Central African Republic (2000), and Radio-Televisão Timor Leste, in East Timor (2002). Hironnelle's oldest project is not, however, a radio station, but a press agency based at Arusha in Tanzania (1996), which reports on the activities of the International Criminal Tribunal for Rwanda.

Hironnelle's budget for 2005 was \$6.5 million with about 15% provided by Switzerland and the remainder by a dozen other countries. About 150 people work for the organization and its radio stations around the world have about 20 million regular listeners.

This DX Target will focus on a relatively new addition to the Hironnelle Fondation line-up, the Cotton Tree News which seeks to be a source of news and information for Sierra Leone.



Cotton Tree News is a FM and shortwave broadcasting network serving the whole of Sierra Leone. It is a project of Fondation Hironnelle in Switzerland, undertaken with the support of the European Community, Great Britain, Ireland and Switzerland.

The radio aims to contribute to peace and development in the country by broadcasting news and information programmes that are professional, credible, and reliable.

TO: MR. RICHARD D'ANGELO

QSL for *CTN 9.585 kHz Sierra Leone*

We are pleased to verify your reception of Cotton Tree News, Freetown, Sierra Leone.

Date :

Time :

Frequency :

Date :

Sign :

*29 July 2007 UTC+0:00
07:14:00 UTC
9.585 kHz
29 July 2007
Dick Smith*

Background

Sierra Leone is located in Western Africa, bordering the North Atlantic Ocean, between Guinea and Liberia with a population of about six million. Its weather is tropical, hot and humid summer rainy season which extends from May through December and a dry winter season from December through April. The government is slowly reestablishing its authority after the civil war from 1991 to 2002 that resulted in tens of thousands of deaths and the displacement of more than 2 million people (about one-third of the population). United Nations (UN) Mission in Sierra Leone (UNAMSIL) had maintained over 4,000 peacekeepers in Sierra Leone since 1999; the last UN peacekeepers withdrew in December 2005 leaving full responsibility for security with domestic forces. A new civilian UN mission—the UN Integrated Office in Sierra Leone (UNIOSIL)—was established to support the government's efforts to consolidate peace. The most pressing long-term threat to stability in Sierra Leone is the potential for political insecurity surrounding elections.

Economy

Sierra Leone is an extremely poor nation with tremendous inequality in income distribution. While it possesses substantial mineral, agricultural, and fishery resources, its economic and social infrastructure is not well developed, and serious social disorders continue to hamper economic development. Nearly half of the working-age population engages in subsistence agriculture. Manufacturing consists mainly of the processing of raw materials and of light manufacturing for the domestic market. Alluvial diamond mining remains the major source of hard currency earnings accounting for nearly half of Sierra Leone's exports. The fate of the economy depends upon the maintenance of domestic peace and the continued receipt of substantial aid from abroad, which is essential to offset the severe trade imbalance and supplement government revenues. The International Monetary Fund has completed a Poverty Reduction and Growth Facility program that helped stabilize economic

growth and reduce inflation. A recent increase in political stability has led to a revival of economic activity such as the rehabilitation of bauxite and rutile mining.

The Station: Cotton Tree News

Cotton Tree News (CTN) is an FM and short-wave broadcasting network serving Sierra Leone. The station aims to contribute to peace and development in the country by broadcasting news and information programs that are professional, credible and reliable. The CTN group of journalists began producing a daily service of programs in February 2007 from the studios of Radio Mount Aureol at the Fourah Bay College. CTN is an independent radio production organization. It respects the laws of Sierra Leone and its news and programs are not subject to outside control.

Media freedom in Sierra Leone has its limits; media rights monitors have reported that high-level corruption is a topic that is off limits. The authorities tend to use the libel laws and the courts to target misbehaving journalists. Local broadcasters face many challenges, including unreliable electricity supplies, a shortage of funds and a lack of advertising revenue. Dozens of newspapers are published in the capital, despite low literacy levels. Most of them are privately-run and are often critical of the government.

The Fondation Hironnelle normal mode of operation is to create radio stations that broadcast their own programs. In Sierra Leone the project is a little different because, for the first time, the Fondation Hironnelle will equip a production studio whose programming will be broadcast live by partners. The studio was installed inside the University of Sierra Leone, in Fourah Bay College, Freetown, in cooperation with the Department of Communication, which already owns a radio station managed by the students. In a country devastated by years of civil war, the university was having a difficult time maintaining theoretical and practical teaching of communications skills to students. This cooperative effort has been beneficial to all involved.

Although most of the people in Sierra Leone can listen to radio stations, it is rare that they have access to high-quality professional news. Listeners throughout Sierra Leone have access to CTN programs. Also, the local stations have not covered all of the population groups in the country. As a result, the Fondation Hirondelle developed a project of journalistic training that would be taught to the students of Department of Communication as well as to about a dozen local journalists. This formed the editorial team of the Cotton Tree News radio station, which carries news in English, Krio, Limba, Mende and Temne languages to everyone in the country and sub-region.

Even though it is not clear when CTN began broadcasting using shortwave radio, reports began filtering through the hobby community in May about hearing their 30 minutes of news being broadcast daily on shortwave over the entire country from facilities outside Sierra Leone. The goal is to have the station producing six hours of information programming a day in its first year of operations. Locally, it broadcasts on FM over the air waves of the station of the United Nations in Sierra Leone. About ten community radio stations retransmit the Cotton Tree News program. Cotton Tree News also trained and hired correspondents in the regions.

Under the direction of editor-in-chief George Bennett, the Cotton Tree News team produces news and information that is broadcast from studios at Fourah Bay College in Freetown, Sierra Leone. The CTN journalists include young reporters and Mass Communications students from the college. The news in broadcast in English, Krio, Mende, Temne and Limba. Cotton Tree News is supported by the European Union, Switzerland, the United Kingdom and Ireland with a goal to training young journalists and producing accurate, independent and professional news.

When the station first commenced operations on shortwave, it utilized 9525 kHz from Ascension Island during the 0730 to 0800 UTC transmission period. Those early transmission were well heard. The 0700 to

0730 UTC program block was for Star Radio. There was a brief period of time when Cotton Tree News was having some technical difficulties and only Star Radio was heard for the entire hour. However, those problems were quickly resolved. Unfortunately, VT Communications changed the Cotton Tree News frequency on 1 August to 13760 kHz at the same hour making reception in North America extremely problematic. Shortwave listener's quickly hoped for a return to the 31 meter band where reception was more reliable. After a few months, Cotton Tree Network did return to the 31 meter band making reception in North America possible once again. The station is currently using 9525 kHz for its 0730 UTC transmission via Ascension Island into Sierra Leone. Once again, reception outside the primary listening zone is possible thanks to the use of the 31 meter band channel.

In October a group of CTN journalists boarded an aircraft for Monrovia. They were the fifth group of interns to train with sister station Star Radio in Liberia. Since August, 20 journalists have spent time with Star Radio training in digital editing, interviewing skills, basic news writing, content gathering and news sourcing.

Liberia based Star Radio has provided expertise in news writing and audio editing to the Cotton Tree Network in Sierra Leone since the latter's creation in February 2007. Star Radio news editor Wellington Geevon Smith spent two weeks in the CTN newsroom followed by a month by Star Radio producer Olivia Swen. These training activities have helped the CTN staff develop their skills and expertise.

Sister station Star Radio was funded by Fondation Hirondelle in 1977. It is managed by a Liberian staff and Board of Directors with support from Switzerland on financial reporting and fundraising matters. Star Radio is on the air 14 hours a day with news in English, Liberian English and 12 local languages. The station has been a driving force among Liberians for balanced and unbiased reporting. It is now playing an important role in training regional

journalists from Sierra Leone. The Fondation Hironnelle would like to build upon the success of the pilot training program with the Fourah Bay College with expanded access to Star Radio training for journalist throughout the region.

The Cotton Tree News and the Fondation Hironnelle have been excellent verifiers of shortwave listener reception reports. English language reports can be sent to Switzerland for a typical full data Fondation Hironnelle card reply. The address is:

Fondation Hironnelle
Avenue du Temple 19C
1012 Lausanne
Switzerland

Otherwise, you can send an e-mail report direct to Cotton Tree News coordinator, Anne Bennett <abennett@hironnelle.org> in Freetown, Sierra Leone. She has been very responsive in responding to shortwave listeners and is very interested in hearing

about reception on the 13 megahertz channel. Not only does she reply to e-mail correspondence but she quickly follows that up with a nice postal reply. Her postal address in Sierra Leone is:

Cotton Tree News
Fondation Hironnelle
Fourah Bay College
Mount Aureol
P.O. Box 766
Freetown
Sierra Leone

As always, remember to send in those Cotton Tree News logs to electronic *Flashsheet* editor Mark Taylor and to Wally Treibel for the *Log Report*. Of course, QSL verifications should be sent to Sam Barto for inclusion in the *QSL Report* column. Good luck with this DX Target.

The following article appeared in the January 8th edition of Platts Megawatt Daily, an electric utility trade publication.

NOAA: Solar cycle may pose threat to grid

The National Oceanic and Atmospheric Administration warns that a new 11-year cycle of heightened solar activity has begun, with the potential to pose a threat to the electricity grid; critical military, civilian and airline communications; and global positioning system signals.

The agency said the new cycle's first sunspot appeared late Thursday in the sun's northern hemisphere.

"This sunspot is like the first robin of spring," Douglas Biesecker, a solar physicist with NOAA's Space Weather Prediction Center, said in a statement. "In this case, it's an early omen of solar storms that will gradually increase over the next few years." A sunspot is an area of highly organized magnetic activity on the surface of the sun, the agency said, adding that the new 11-year cycle, called Solar Cycle 24, is expected to build gradually, with the number of sunspots and solar storms reaching a peak in 2011 or 2012.

During a solar storm, highly charged material ejected from the sun may head toward Earth, where it can bring down power grids, disrupt critical communications and threaten astronauts with harmful radiation, NOAA said.

Storms also can knock out commercial communications satellites and swamp GPS signals. Routine activities such as talking on a cell phone or getting money from an ATM machine could suddenly halt over a large part of the globe, the agency added.

"Our growing dependence on highly sophisticated, spacebased technologies means we are far more vulnerable to space weather today than in the past," said Vice Admiral Conrad Lautenbacher, under secretary of commerce for oceans and atmosphere and NOAA administrator.

"NOAA's space weather monitoring and forecasts are critical for the nation's ability to function smoothly during solar disturbances," he added.—Staff Report (via *Rich D'Angelo*.)

Historical Shortwave Radios

By Andy Ooms, oomspine@msn.com

This is a review of three books about shortwave receivers for those who may be interested in both shortwave listening and vintage electronics.

Today's radios have more features, are more compact, and contain components that last longer and use less power than the old gear. Many outperform their ancestors in selectivity and sensitivity. But vintage gear with the right speakers and circuits can put out very mellow and satisfying sounds, and some of the old sets are downright satisfying to listen to and to operate. The radios covered by these books go back to the time when AM radios of various prices and quality were more likely to have shortwave bands than FM bands. In fact, before the late forties, more radios had longwave bands than FM.

The 3 books being reviewed here are: *Shortwave Receivers Past & Present* edited by Fred Osterman, N8EKU and published by Universal Radio Research in 1998; *Radios by Hallicrafters*, written by Chuck Dachis and published by Schiffer Publishing Ltd. in 1999; and *The Zenith TRANS-OCEANIC The Royalty of Radios*, written by John H. Bryant, AIA and NASWA's Managing Editor Harold N. Cones, Ph.D. and published in 1995, also by Schiffer.

Bryant and Cones are likely the foremost Zenith Radio Corporation experts existing. In addition to this book, they have written a trilogy of books covering the history of the corporation. The Trans-Oceanic portable series are probably the most often radios thought of whenever shortwave radios or older portables are mentioned, and until the Zenith Radio Corporation sold its name and disappeared as the company we knew, Zenith meant quality and Trans-Oceanic meant adventures in fine listening.

The Zenith Trans-Oceanic book is a fine piece of work. Highlights include the personal interest of Zenith President Commander Eugene F. McDonald, Jr. in making sure that the radio was designed and manufactured, the history of the Trans-Oceanic in combat

situations during the Second World War, the advertisements promoting the set, and the evolution of the various models.

I obtained a couple Trans-Oceanics in recent years, and was mildly surprised that the HF bands, 1.7 to 30 MHz, on those sets were not continuous coverage. The broadcast station portions of the various bands are available; the portion of the spectrum used for utilities between the various broadcast spectrum portions is not available in all models. This indicates that the radio was produced for the general listening public, and not primarily for shortwave listener hobbyists. However it is probable that other Trans-Oceanic models did have continuous HF coverage.

Trans-Oceanics were produced from 1941 until 1965 as hollow-state (tube) versions; solid state units were produced until 1981. Some models had longwave and FM bands in addition to shortwave and AM bands.

The authors state that due to the death of Commander McDonald in 1958 and the transition of the consumer electronics market from an interest in listening to AM and shortwave radio to increasing emphases on FM and television, Trans-Oceanics' exceptional quality and status diminished during the 60s and 70s. But the legacy of the models' early years means that the name Trans-Oceanic will get the positive attention of a large number of radio hobbyists for the foreseeable future.

The Zenith Trans-Oceanic book is 160 pages and has many pictures and advertisement reproductions.

To those who have had an interest in radios for some time, the name Hallicrafters conjures up excitement and interesting listening from around the world. The name also conjures up mental images of rectangular table sets usually gray metal with chrome edge strips. I have a couple of sets now, and surprisingly neither is gray. One is brown leather-covered wood and one is brown vinyl-covered metal.

Hammarlund, Drake, and National, as well as many others, made excellent shortwave receivers and transmitters at times overlapping the Hallicrafters era, and probably were better in several ways. But I don't think any shortwave receiver brand has had a better combination of name recognition, performance, and affordability than Hallicrafters.

Arthur Dachis has several rooms filled with Hallicrafters products; he met, and had a cordial relationship with, Hallicrafters founder William J. Halligan before Halligan passed away in 1992 at age 93.

During the Hallicrafter years, the company produced receivers, transmitters, television sets, military communications gear, and electronic accessories from a rocky start in 1932 until it was sold to the Northrop Corporation in 1966. Since 1988 the name has not been used, and is non-existent for all practical purposes, according to the author.

In late 1935, the company began producing its own line of communications receivers; they previously did contract work for other manufacturers. The 1935 SX-9 "Super Sky rider" was the first model to be produced in significant quantities. By 1938, Hallicrafters was the most popular manufacturer of communications receivers in the U.S., and it was doing business in 89 other countries. Halligan had a policy that new features and technical advances would be brought in new models rather than upgrading previous models. Consequently, Hallicrafters had a profusion of models, 23 different ones during the 1936 to 1938 period alone.

Author Dachis includes Hallicrafters company history and shows pictures of almost every model of electronic equipment produced. Each model is described with interesting details, the electronic values, some of the set specifics, and original as well as estimated current prices. If you enjoy old radios and communications sets, and get nostalgic about a legacy name, this 230 page Hallicrafters book is for you.

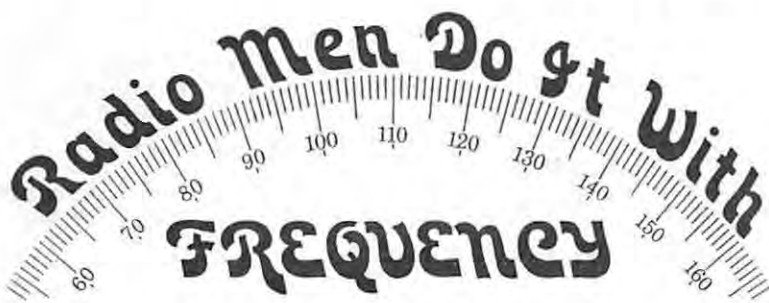
Fred Osterman's 473 page *Shortwave Receivers Past and Present, Communications Receivers 1942-1997, Third Edition* is a masterpiece of information covering more than 100 shortwave radio and communications receivers manufacturers. Descriptions of from 1 to over 50 models of each maker are included. Every set has a black and white photo; data includes features, specifications, circuit complement, accessories, comments variants, production country and dates, voltages, readout description, physical dimensions, current, status of manufacturer and model, rarity, review articles, new and used prices and ratings.

A brief history of each manufacturer is also in the book. Altogether, an incredible amount of information is in this book; about every question one could have about a radio is answered in a readable format, especially for those who enjoy electronic equipment and data.

Bottom line: I recommend each of these books. Each of these in its own way provides a fascinating and entertaining look at some wonderful gear from a great era in electronics.

©1980 courtesy of fuscious louse's printing palace

RADIO CONFUSION



George Otis Sr. and High Adventure Radio

By Marlin A. Field

George Otis Sr., a pioneer in Christian shortwave broadcasting, died in California on 22 July 2007 at the age of ninety. He was the author of more than a dozen books, including High Adventure, his autobiography, which I received in the early days of KVOH. A millionaire at the age of thirty-five when he worked for Lear Jet Corporation, he wondered, "Is this all there is?" On a trip to the Middle East in 1978 he got the idea of a shortwave station. He saw such stations as a propaganda instrument for governments and decided to start one with a Christian message.

It wasn't long after KVOH was on the air from a site near Los Angeles in Spanish and English that I received a letter from David Lawrence, International Program Director, saying the station had received in its first six months of operation letters from listeners in forty countries. Around two

years later the King of Hope station began broadcasting from Lebanon, two miles from the border of Israel. A terrorist attack in 1985 in which the studios of the station were destroyed and two employees killed did not stop the station from broadcasting except for a short time.

Other plans according to Lawrence was a third site, on a broadcast ship in the South China Sea to reach all of Asia. Those plans were changed to a site in Palau. Now a partnership between High Adventure Radio and Bible Voice UK, and known as Bible Voice Broadcasting, can be heard from such places as Julich, Germany and Irkutsk, Russia.

In 1999 Otis retired as the head of High Adventure Radio, and Jackie Yockey, from whom I received some of this information, took over the position. The address of the Voice of Hope is now in Louisville while mail to the partnership may be sent to Leeds, England or Toronto, Canada.

HCJB and Apoyo

By Marlin A. Field

In addition to planting radio stations as I wrote in a previous article, HCJB does other things than broadcast radio programs. One of these is Apoyo, a joint pastoral training ministry of HCJB and Leadership Resources International. In 1995 the Apoyo team in its trip to Cuba placed "basic libraries"—Bible dictionaries, commentaries, concordances, and Bible dictionaries—into the hands of interested Cuban pastors and taught them how to use them.

In 1997 a team from Ecuador was set to go to Cuba to hold pastoral training workshops when their visas were cancelled. Plans had to be changed. Instead of going to Cuba to teach, the Ecuadorian team brought the Cuban pastors to Quito, where the training took place. One thing that happened was

that one of the Apoyo team married one of the Cuban church leaders.

After living five years in Ecuador the married couple moved to Cuba to work full time with the Apoyo-Cuban team. One thing that has happened is the identification of areas on which Apoyo-Cuban teams can work—family, counseling, leadership, and Christian education. Coordinators and leadership teams have been set up in each of these four areas. A summary statement might be that what happened ten years ago at HCJB is still having an impact on Cuba today. Today staff members of Apoyo teach a class in "Spiritual Restoration and Revival" to first year students at a seminary in Cuba.

[The information for the above came from material furnished by HCJB.]

Stay tuned

How broadcasters plan to hop, skip and jump around the world with long-range digital radio

Jan 8th 2008 From *Economist.com*

EVERY evening in 1960s Britain millions of young people—many hiding under their bedsheets—would twiddle the dials on their transistor radios. They were tuning in on the medium wave to Radio Luxembourg's nocturnal English transmissions. Or, rather, they were tuning into its stream of pop music, the likes of which could not be heard on the stuffy old BBC.

With the deregulation of radio and the arrival of hordes of commercial rivals, Radio Luxembourg lost its audience. It went off air in 1992. Now it is planning a comeback using a new technology that can provide high-quality digital broadcasts over long distances.

A number of broadcasters besides the RTL Group (owners of Radio Luxembourg) are testing this digital replacement for traditional long-, medium- and short-wave radio. It is called Digital Radio Mondiale (DRM, confusingly the same acronym as that for digital rights management). It has been developed by a consortium of broadcasters and equipment makers including Deutsche Welle and the BBC's World Service. And it has now been endorsed as an international standard.

This standard is for frequencies below 30MHz—those used by amplitude-modulated (AM) services since the earliest days of broadcasting. The problem with such AM broadcasts is that they are prone to interference. That was why FM (frequency modulation) was introduced after the second world war. The advantage of existing AM services is that they have greater range than FM, since the very high frequencies required by frequency modulation do not travel well. Unlike FM and existing digital-radio services (which also use VHF) they do not need transmitters every few kilometres. Indeed, some AM broadcasts, especially on

shortwave, bounce between the ionosphere and the ground in a way that allows them to travel huge distances—sometimes half-way round the world. This phenomenon, known as skywave, is particularly powerful at night.

DRM provides the same range as these traditional AM transmissions without the interference—on the face of things, the best of both worlds. It is also cheap. It can be broadcast by modifying existing AM equipment and does not use as much electricity as an equivalent AM service. And it will, indeed, cover several countries with just one transmitter. Reinhold Böhm, a senior research engineer at Dolby, a big audio company that is part of the DRM consortium, says that in one test a signal transmitted from Europe was received well in Australia with only two "hops" along the skywave.

In a shorter-range trial a DRM signal from Austria was received all over Britain, according to Bryan Coombes, vice-chairman of the consortium and broadcast director for VT Communications. That means broadcasters could reach niche markets in other countries without having to set up shop in them. It could also keep up the flow of news to places of the sort that suffer political crises which leave local stations either silent or transmitting stirring martial music—hence the BBC's interest.

Of course, DRM faces a lot of competition. Stations from around the globe can be heard on the internet—where Radio Luxembourg, hedging its bets, has already begun broadcasting. Radio can be picked up on mobile phones. And satellite radio can reach remote places as easily (though not as cheaply) as DRM does. Nevertheless, there is something appealing about the idea of a global radio station with a single terrestrial transmitter. The roar of Grand Fenwick will be heard across the planet. It remains only to see if the planet wants to listen.

EDXC Reports

European DX Council Celebrates 40th Anniversary at Conference in Lugano

by Jeff White, NASB President

While the prospect of travelling to Europe in November might seem a bit chilly for a resident of Miami, it turns out that the city of Lugano, in southeastern Switzerland, is not that cold. Temperatures reach the 70s (Fahrenheit) during daytime hours, and there are even palm trees throughout the city!

Lugano is the largest city in the Swiss canton of Ticino, with some 55,000 inhabitants. Ticino is the only Italian-speaking canton in Switzerland, and a casual visitor might be forgiven for thinking he or she is in Italy, what with the language, the food, the customs, etc. For example, Lugano celebrates certain Catholic holidays which other parts of Switzerland do not.

Yet Lugano is also quite Swiss. It's the third largest financial center in Switzerland, with over 100 banks, explained the city's deputy mayor, Dr. Venturi, who opened the EDXC Conference on Nov. 2. Lugano was first established as a fishing village, but these days things like banking and tourism have become the most important economic activities, said Dr. Venturi. Ticino has been described as "the Florida of Europe" by some, because many people from northern Europe come to this area in the winter to "warm up" and others come here to retire.

Dr. Venturi also noted, half-jokingly, that "Switzerland is the Afghanistan of Europe," since every citizen is officially a member of the militia—kind of ironic as this has historically been one of the most peaceful countries in Europe, and the world for that matter.

Coincidentally, during the same dates of the EDXC Conference (Nov. 1-4), Lugano was host to the Swiss Travel Expo "iViaggiatori." Some 80,000 visitors came to see hundreds of kiosks presented by tourist authorities from throughout Switzerland, Italy, Europe (especially the emerging tourist destina-

tions of Eastern Europe) and even parts of Africa, Asia and the Americas.

But also on November 1-4, Lugano was the scene of the 2007 Conference of the European DX Council (EDXC), marking the 40th anniversary of this institution which was formed in 1967 as an umbrella organization for shortwave listening (DX) clubs throughout Europe. (See separate article by Anker Peterson elsewhere in this Newsletter for more on the founding and history of the EDXC.)

Dozens of shortwave listeners from nine countries took part in this year's EDXC Conference. They came from Finland, Sweden, Denmark, Germany, the U.K., Italy and Switzerland itself. Plus a handful from the United States and even two from Japan. The venue was the Hotel Dischma in the pleasant Lugano suburb of Paradiso.

The EDXC Conference began on the evening of Thursday, Nov. 1, with an informal reception in the bar/restaurant area of the Hotel Dischma, giving everyone a chance to get to know one another and to renew old acquaintances.

The main conference working day was Friday, Nov. 2. After the welcome to the city by the deputy mayor, EDXC Secretary General Tibor Szilagy officially opened the conference, together with his Assistant Secretary General Torre Ekblom. Both of them had been in office for 11 months at the time of the conference.

Yours truly was the next speaker on the agenda. In a space of about an hour, I talked about the NASB, the state of shortwave broadcasting in the Americas, and the status of DRM (Digital Radio Mondiale) with the aid of some PowerPoints. DRM was a topic of great interest to the shortwave enthusiasts in Lugano, although some were concerned about interference from DRM to analogue shortwave signals.

Tropical Band Shortwave in South America

Next up was Anker Peterson of the Danish Shortwave Club International. This was his 36th EDXC Conference. He spoke about "DXing in the High Andes"—a sort of shortwave travelogue about his three trips to the Andean countries of Ecuador, Peru and Bolivia. Anker has been listening to tropical band shortwave stations from the Andes for 45 years, and on his three trips to the region he had an opportunity to visit some of them in person.

Anker noted that many houses in the region don't have electricity (only 30% in Bolivia), so people use portable radios (at an average cost of about 10 euros) with batteries. In cities like La Paz, the capital of Bolivia, there is electricity, and therefore a lot of electrical noise. International shortwave broadcasters from North America, Europe, etc. can be best heard at night and in the early morning hours. None of the countries visited by Anker Peterson have external shortwave broadcasters, with the exception of Ecuador's HCJB, an NASB associate member. Anker visited HCJB and experienced a small earthquake while he was there. Other stations he visited included Emisoras Gran Colombia and Radio Baha'i in Ecuador, and Radio Tawantinsuyo in Peru.

Anker explained that radio stations in many tropical zone countries in South America have been moving from shortwave to FM in recent years. The number of domestic shortwave transmitters on the 60- and 90-meter tropical bands has decreased from 160 in 1973 to 69 in 2007. Peru is the country with the most domestic broadcast stations on shortwave, but many are on the air sporadically. Anker noted that tropical band shortwave stations of 5 kilowatts or less power could be heard for distances of about 1000 kilometers.

The mediumwave bands are alive and well in the Andean countries, said Anker Peterson. Stations with 20 to 50 kilowatts could be heard for long distances. The number of FM stations is expanding greatly. For example, he monitored 21 all-night FM stations in

Cuzco, Peru; 34 in Lima; and 18 in La Paz, Bolivia. Mobile phones and the Internet are increasingly popular in these countries, but few people have DSL or broadband, so connections are slow. Nevertheless, some local radio stations are now broadcasting with live Internet streams.

The Voice of Switzerland

One of the best-known voices from Switzerland on shortwave for 32 years was Bob Zanotti, an American journalist who has lived in Switzerland for decades. From 1970 until 2002, Bob worked at Swiss Radio International as a reporter, producer, editor, program host and as one of "The Two Bobs" (Bob Thomann was the other one) who hosted the "Swiss Shortwave Merry-Go-Round"—SRI's DX program. In addition to his radio and journalism experience, he is also an amateur radio operator with a great deal of technical knowledge about the shortwave medium.

In his talk at the EDXC in Lugano, Bob tackled three subjects: his personal views on why Swiss Radio International was closed, his own website Switzerland in Sound, and his involvement in the Italian Radio Relay Service.

Regarding the demise of Swiss Radio International (SRI), Bob said: "What happened to all shortwave stations was the fall of the Berlin Wall in 1989. Before that, every country had to have a station and a voice on shortwave." Switzerland was officially neutral during the Cold War, but in reality it was aligned with the West. "But when the Cold War ended," Bob said, "politicians began to ask [the shortwave stations], 'what are you going to do now?' Many stations were not ready for this, and could not justify their existence to the politicians. Some stations had answers and are still around. Other stations didn't have answers and are no longer around."

In Bob Zanotti's view, "SRI suffered from mismanagement." At SRI and many other shortwave broadcasters, "top managers were often people who were ineffectual elsewhere in the organization or were about to retire, so they were parked at the

shortwave service where they couldn't cause any problems." They often had no firsthand experience of international broadcasting, so they hired consultants who were not international broadcasters either. "They came up with marketing jargon," said Bob, "and the station managers did whatever they said, including shifting emphasis away from the shortwave services,"

"Most station managers never liked QSL-hunting DXers," continued Bob. "SRI was always in the top 10 in shortwave station polls. But then the BBC started telling everyone that shortwave was dead, which some uninformed management figures interpreted as a call to drop shortwave." But Bob said this could have possibly been a strategy by the BBC to get rid of the competition, noting that it's quite ironic that the BBC is still on shortwave.

Today, Swiss Radio International is "swissinfo.ch," a website with information about Switzerland. Only one journalist from the old English section of SRI is still at swissinfo. In 1998, the SRI transmitter site at Schwarzenburg was dismantled, explained Bob, "supposedly for environmental concerns, but really because of economic factors." SRI opted for buying airtime from relay stations, including Deutsche Welle, and for a time had a transmitter swap arrangement with what is now China Radio International.

According to Bob Zanotti, "One SRI director, Roy Oppenheim, knew shortwave would be around for at least another 20 years. He said that Internet and satellite were necessary, but only as a supplement to shortwave—not as a replacement. But Oppenheim left SRI, and the Internet gurus said 'we can do this for free, and even put audio on the web.' But today they have no serious audio on swissinfo."

Other directors were just simply "incompetent" in Bob's opinion. He noted that the CNN World Report segment produced by SRI for many years has ended, and the people who still support shortwave at many international broadcasting organizations are retiring or dying.

Bob Zanotti was involved with the organization of the 1981 EDXC Conference, which was hosted by SRI in Bern, Switzerland. Before coming to SRI, he worked for a time in the 1960's at Radio Sweden, where he hosted the popular "Sweden Calling DXers" program and also worked as a freelance reporter. He remains a big proponent of shortwave radio. "There are millions of shortwave receivers out there," he told the conference in Lugano. "And shortwave receivers still come out when there's a crisis."

Regarding Digital Radio Mondiale, Bob Zanotti offered this view: "DRM is wonderful technology, but it may be too little too late. If it's going to happen, it has to happen soon."

Bob retired from SRI at an early age, and he wanted to remain involved in radio, so he started his own website, Switzerland in Sound (www.switzerlandinsound.com), which is self-financed. SIS was "sort of a way to keep SRI going." It contains extensive audio material about all aspects of Switzerland, including tourist information. There is also a monthly "Letter from Switzerland" audio feature, which until the EDXC Conference in Lugano was hosted on alternate months by Bob and his former SRI colleague Richard Dawson.

Tragically, Dick Dawson died the day after the EDXC Conference ended, "only minutes after sending me his Letter From Switzerland contribution via email. I was to call him on Skype to record his audio rendition of the Letter an hour later. He never answered."

But Switzerland in Sound continues, and it even has a "Two Bobs" section with some of the most memorable editions of SRI's DX program, and new versions as well, including a report from a recent Shortwave Listeners Winterfest in Pennsylvania, and now a report from the EDXC Conference in Lugano.

Back in 1988, Bob met a visitor at SRI named Alfredo Cotroneo from Milan, Italy. Some time later, the two decided to put a privately-owned commercial shortwave station on the air in Milan. The result of their efforts

was the Italian Radio Relay Service (IRRS). They purchased a 10-kilowatt Siemens short-wave transmitter from the Swiss PTT which, as Bob describes it, "was about the size of a large refrigerator, and was operational from 1.5 to 30 MHz with eight-second or less band switching." IRRS used reduced carrier single sideband modulation. Bob Zanotti's sidekick from "The Two Bobs," Bob Thomann, was also a technical advisor for IRRS.

At first, IRRS was only on the air on weekends, with Bob Zanotti and Alfredo Cotroneo taking turns operating the transmitter and playing the programming at the transmitter site on a farm in the outskirts of Milan. Bob related some very interesting and entertaining stories about his stints as transmitter operator.

But all of this ended when the station became completely automated in 1993. Today IRRS continues to broadcast, but the Milan transmitter site has been closed for a number of years. Currently the service transmits via rented airtime from a relay station elsewhere in Europe.

Following his presentation, Bob Zanotti recorded a roundtable discussion with EDXC Secretary General Tibor Szilagyi, former secretaries general Anker Peterson and Michael Murray, and yours truly. The roundtable audio is now available on switzerlandin-sound.com under the "Two Bobs" section.

EDXC Business Matters

The EDXC is in a time of transition, as many DX clubs in Europe are losing members. It used to be that most clubs published a monthly printed newsletter or magazine which was sent to members, and these publications were comprised of contributions from the membership. Nowadays, many of these printed newsletters have been supplemented or replaced by electronic newsletters, some of which are freely available on the Internet or by e-mail without the necessity for the recipient to be a member of a DX club. As a result, the EDXC has now begun accepting other types of organizations (besides DX clubs) as observer members.

In a two-hour session on the afternoon of Nov. 2, club officials and others discussed Council business, including recent problems with the EDXC's website. Assistant Secretary General Torre Ekblom reported that a new webmaster has been found in Finland, and the new user-friendly EDXC website has now appeared at www.edxc.org, although it is still under construction.

Risto Vahakainu of the Finnish DX Association said that his club's peak membership was over 2500 in the year 1983. Currently, it is down to about 700. Trends at most other European DX clubs are similar.

Anker Peterson of the Danish Shortwave Club International (DSWCI) suggested re-establishing the EDXC QSL Committee, and he offered to chair the group. He explained that the EDXC sent a survey with 108 questions to 54 international radio stations in the early 1970s. Twenty-four stations replied, and the results were turned into an 18-page EDXC reception report guide which many of the member clubs have made available to shortwave listeners in English, German, French, Italian, Portuguese and other languages. Anker also reported that DSWCI member Gayle Van Horn, who is an editor for the U.S. magazine *Monitoring Times*, has published a 528-page *World QSL Book* which is now available in CD form for about \$20 from Teak Publishing, Grove Enterprises and Universal Radio in the United States (all of which have websites).

Other items of discussion at the EDXC business meeting included proposals to form a Program Listening Committee and to update the EDXC Landlist (i.e. country list). A spirited discussion took place about whether Mexico should be considered part of North America or Central America! Risto Vahakainu of Finland presented an invitation for DXers to attend the 2008 EDXC Conference, which will be held in the city of Vaasa, on the west coast of Finland. More details about this will appear in the next edition of the NASB Newsletter.

Incidentally, the Danish Shortwave Club International (in English) and the Finnish DX Association (in Finnish) both publish excel-

lent monthly magazines with a wealth of information for shortwave listeners. Sample copies of recent issues were available at the conference, along with program schedules and other items from Radio Sweden, Radio Japan, the Voice of America, the DRM Consortium and many NASB member stations. The NASB had a tabletop display with photos from many of our member stations, along with lots of schedules and giveaway items that members sent us to distribute at the meeting.

Shortwave from the South Atlantic

The final presentation on Friday, Nov. 2 was by Robert Kipp, an American shortwave listener who lives in Germany and headed up the Radio St. Helena Revival Project. St. Helena is a small British island in the south Atlantic Ocean, about 700 miles from Ascension Island, where the BBC relay station is operated by NASB associate member VT Communications. A British/American military base is located on Ascension Island, and it served an important role during World War II for transatlantic military flights. Jerry Kircher, an American shortwave listener who was at the EDXC Conference, was a military pilot during the war, and he actually landed on Ascension once. Jerry explained that due to the island's isolation in the middle of the south Atlantic, military pilots at the time used to joke that "if you miss Ascension, your wife gets a pension."

As for St. Helena, it's a beautiful volcanic island. Jamestown is the capital. Among the well-known visitors throughout the island's history was Napoleon Bonaparte, who is buried there. The oldest Anglican Church in the southern hemisphere is on St. Helena. Robert Kipp explained that the island's government funds Radio St. Helena (a mediumwave station) and a newspaper called *The Herald*.

During the 1990's, Radio St. Helena carried out a special broadcast on shortwave one day each year, using a transmitter borrowed from the local Cable and Wireless station. On "Radio St. Helena Day," as it

was called, shortwave listeners around the world would try to pick up the station and send reception reports for the coveted Radio St. Helena QSL card. When the Cable and Wireless transmitter was scrapped in 1999, the broadcasts ended. But Robert Kipp and other DXers around the world launched the Radio St. Helena Revival Project. The DXers donated funds and bought a new amateur transmitter and amplifier, an antenna and other equipment which were shipped to St. Helena and installed there. The Japan Shortwave Club was one of the biggest financial backers of the project.

The Revival Project provided a Yaesu ham transmitter with an output of 25–30 watts. This is used in conjunction with a 1000-watt power amplifier which was made for them in the Ukraine. A three-element yagi beam antenna was built in Germany. It provides a forward gain of 5 dB and has a rotator enabling the station to beam to different parts of the world during hours when the propagation is most appropriate.

Radio St. Helena's annual shortwave broadcast returned in 2006. Some 380 valid reception reports were received from listeners in Japan alone. Robert Kipp announced that Radio St. Helena Day for 2007 will be December 15—actually from 1730 UTC Dec. 15 to 0100 UTC Dec. 16—on the frequency of 11092.5 kHz in upper sideband. A special QSL card will be issued for reports on this broadcast, which will mark the 40th anniversary of Radio St. Helena. Details on specific target areas and beams can be found at www.sthelena.se/radioproject. There will also be an article about the station in the December 2007 issue of *Monitoring Times* magazine.

Friday evening was free time at the EDXC Conference. The members of the Danish Shortwave Club International and the Finnish DX Association had separate dinners for members of their clubs. The U.S. and U.K. delegates had our own small dinner at a wonderful Italian restaurant only a block or so from the hotel, where we enjoyed delicious lasagna, spaghetti and gnocchi, and good conversation.

A Tour of Lugano

The major conference activity on Saturday morning and afternoon, Nov. 3, was a sightseeing tour of Lugano by bus. The first stop was to visit the 15th century convent (now church) of Santa Maria Degli Angeli, which contains some spectacular fresco paintings by Bernardino Luini. The largest shows seven episodes of the passion and crucifixion of Christ, done in the style of Leonardo da Vinci. Other highlights of the tour were parks with brilliant flowers, palm and chestnut trees; and a visit to the city center with its dozens of banks, designer boutiques, outdoor fruit and vegetable markets, bakeries, street performers, etc.

The bus also wound its way up a large hill on the outskirts of Lugano for a panoramic view of the city and valley below. Interestingly, one could also view the small Italian enclave of Campione, completely surrounded by the Swiss canton of Ticino. The border with the rest of Italy lies only a few minutes drive away. The Italian city of Milan is only an hour's drive south of Lugano, and Milan's Malpensa Airport is the closest international airport to Lugano.

The final stop on the tour was RTSI—the Italian-language Swiss Radio and Television. Switzerland has four official languages—German, French, Italian and Romansch. The RTSI is the publicly-funded broadcasting service for the Italian-speaking portion of Switzerland, and its headquarters is in Lugano. RTSI operates three radio networks and two television networks. The studios are state-of-the-art, including a large concert auditorium and an amazing radio drama studio where a great variety of sounds are produced live during recording sessions.


During the remainder of Saturday afternoon, EDXC participants had some free time. Only a few blocks from our hotel was the entrance to the cablecar that takes passengers to the top of Mount San Salvatore for

a spectacular view of the city. There is also an outdoor restaurant at the top. Several of us went up in the cablecar, which we also shared with a few dogs. In Ticino, people tend to take their dogs everywhere with them—even into restaurants. They are all well-behaved, and the city of Lugano even provides doggie dropping pick-up bags along the streets in the event of “accidents.”

Although most people stayed until Sunday, Nov. 4, the official end of the conference was the EDXC Banquet on Saturday evening. It was held in the restaurant of the Hotel Dischma, where the owners prepared a meal of typical Ticinese delicacies like ossobuco and cannelloni. Apart from a few short speeches, there was also a raffle (called “tombola” in Italian) with prizes that were donated by various shortwave radio stations (including NASB members) and DX clubs.

Although at least a few broadcasters always attend the annual EDXC conferences, these are primarily chances to meet avid shortwave listeners, to find out their habits and tastes in programming. And from this standpoint, I was very pleased to have attended on behalf of the NASB and to tell the listeners about our member stations and organizations. I was warmly welcomed by the participants. All in all, it was four days well spent.

NASB Joins EDXC

At last year's EDXC Conference in St. Petersburg, Russia, which was attended by NASB Vice President Mike Adams, the Council offered Observer Member status to the NASB. The NASB Board voted to accept this offer at our annual meeting in Elkhart, Indiana this past May. At this year's EDXC Conference in Lugano, Jeff White paid our annual membership dues for 2007 and 2008, so the NASB is now officially an Observer Member of the European DX Council. 

Kim's Column

Dr. Kim Andrew Elliott • 5001 25th St. North • Arlington, VA 22207 • ibcast@mail2kim.com
<http://www.kimandrewelliott.com>

This column, with links, is available at this URL publicized only to NASWA members: <http://www.kimandrewelliott.com/index.php?id=3192>

The China syndrome

In my day-job capacity as audience research analyst for the International Broadcasting Bureau (for whom I do not speak in these pages), I just attended the annual program review meeting for the VOA Mandarin radio service. The results of our 2007 national survey in China (N=8229) were flat again. Only 0.2% of adults listen weekly to VOA. At least that's better than RFA (0.1%) and BBC (0.0%). And that 0.2% for VOA comes out to about two million people. But still...

It might be that the Chinese respondents did not want to admit to listening to Western broadcasts. But there is too much evidence that people in China are doing other things than listening to foreign radio on their shortwave radios, if they own one. Only about three percent of the sample say they have access to a shortwave radio.

China, like much of East Asia, seems to have gone directly from no electronic media to television, skipping radio (unless they had one of those single-channel wired loud-speaker things). The 2007 China survey shows that 98% own television sets, but only 21% own radios. Weekly use of wavebands is about 14% for FM, four percent medium wave, and one percent shortwave.

The Chinese, like many other East Asians (and like Americans, for that matter), prefer television to radio, and they prefer entertainment to news. The Chinese are into business these days, and it is good for your business in China not to be *too* interested in political developments.

At the VOA Mandarin program review, after the main research presentation, I got up and

gave a short presentation, which I don't do very often, because the management types would prefer that I just remain seated in the corner and keep quiet.

A Glimmer of hope?

I mentioned that there is a glimmer of hope in China. Chinese manufacturers such as Tecsun, Kaito, and Degen are now marketing their good-quality shortwave radios inside China. I showed them some pages from the Tecsun website. I recalled the success that the Sony ICF-5900 had in Japan, albeit briefly, in the 1970s, and suggested that similar interest might bubble up among young people in China, internet notwithstanding.

Then, taking audio from Bill Whitacre's IBB Remote Monitoring System, I showed the room what kind of luck Chinese owners of these new Chinese shortwave radios might have trying to hear VOA Mandarin.

Using the RMS receiver in Shanghai, from January 22 at 1411, we tried all the VOA Mandarin frequencies: VOA and the China National Radio co-channel were about even on 6040, with CNR dominating on 6160, 7295, 9680, 9825, and 11785. On 7295, the "Yankee" sounder introducing the Editorial could be heard in the background (thus, SIO 111 for VOA). On some frequencies, CNR had an echo, suggesting more than one transmitter site.

Then we listened from January 16 at 1110 UTC. Again, we tried all six shortwave frequencies. On some, the CNR jammer dominated. On others, VOA prevailed, but with interference. But on 11785, VOA was *good*, with only slight interference from the CNR co-channel. SIO 444.

That was the point I was trying to make. With a good, dual conversion shortwave radio, and the patience to try different transmission times and all the frequencies,

a person in China can hear VOA Mandarin, and news that is not the Party line.

Great news, huh? Actually, I saw mostly blank stares. I believe I heard a cricket chirp. These days, shortwave is not supposed to be interesting at VOA.

Then the content analyst at the VOA Mandarin program review talked about the need to keep the content lively, and to consult with affiliates in China.

Affiliates? There are no VOA “affiliates” in China, at least none who would use anything containing substance and actually identified as coming from VOA. But that’s the template that is applied to all VOA services these days.

What about all those satellite dishes in China?

So how about using other media to penetrate the great electronic wall of China? Even though I am a shortwave listener since the 1960s, I am agnostic about the media technologies we may use to get content into China. May the best medium be employed.

The week previous, we had the VOA Mandarin television program review. During 2007, I commissioned a study to look into all those gray-market satellite dishes seen on balconies and apartment-block roofs all over China (in some cities more than others, depending on the zeal of local enforcement).

We found out that most Chinese use their satellite dishes not to get television from abroad, but to get television from other provinces of China. The motive? More channels of Chinese-language entertainment. The 2007 survey told us that Chinese satellite users tend to be less educated, and more likely to live in rural areas. Anyone who drove through West Virginia in the 1980s and saw the big ol’ C-band dishes outside the housetrailer knows what’s going on here.

In China, C-band dishes, although larger than Ku-band dishes, are preferred by those

with lower incomes, because the C-band content tends to be free. The Ku-band is the domain of the pay-TV channels and subscription packages.

In the Mountain State, when DirecTV and DISH Network came along, the C-band dishes mainly fell into disuse. The same may happen in China. In December 2007, the China Direct Broadcast Satellite Company was created. Within a few years, it will provide an *authorized* multichannel service to small dishes in China. Viewers will have less incentive to purchase from, and Chinese authorities will have more incentive to crack down on, the satellite television gray market. That could be the end of the loosey-goosey system that allowed some Chinese to watch foreign television channels.

The internet must be the answer. Isn’t it? It isn’t?

Then there is the internet. At the VOA Mandarin radio program review meeting, the internet person spoke of the VOA Mandarin website getting something like ten million visits. I could just imagine management soaking up that big number, and comparing it to the paltry 2.1 million weekly radio listeners.

But ten million visits is not ten million unique visitors. Furthermore, many, perhaps most, of those “visits” may have come from users outside of China.

Server-side web analytics are no substitute for a sample survey. And in our 2007 survey, the percent of Chinese internet users who visit the VOA website rounds out to 0.0% (compared to 24% for baidu.com).

Nevertheless, the internet is already much more popular in China than shortwave radio. It’s more convenient to consume news from a web page than to listen to news on the radio. So, by all means, let’s press on with ways to get internet content into China.

There is a software industry, e.g. Triangle Boy and Anonymizer, devoted to getting content

through the firewalls put up by China. But, unfortunately, there is a much larger software industry, e.g. Cisco, devoted to enabling entities such as the People's Republic of China to block certain internet content.

Breaking that firewall will be tough, given that the internet involves landlines through China, and ISPs inside China. Tedious old shortwave, instead, involves radio waves that hop over the Chinese borders, and

over some of the jamming transmitters, and directly into the homes of Chinese motivated enough to own and use a shortwave radio. In my little presentation, the last Powerpoint slide showed how skywave propagation works.

Well, at least the cricket chirped.

Views expressed are my own. More at kiman-drewelliott.com.



OFFICE DE RADIODIFFUSION - TÉLÉVISION FRANÇAISE
RADIO TAHITI BOITE POSTALE 125
PAPÈTE

Listener's Notebook

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

BHUTAN 6035 *Bhutan Broadcasting Service*, Sanyang, checked them from 2355...no signal till 0055 when heard weak tone and carrier. Then suddenly at 0100 started music. I feel since the SW would not propagate at 0000, they bring up the transmitter on SW at 0100 straight into the program. (Goonetilleke-SRI LANKA). It seems they have a new s/on time around 0100. (Petersen-DENMARK/DSWCI DX-Window)

CANADA CFRX 6070—In a recent phone chat with the engineer, a new solid state transmitter is on order for CFRX. It's made by a U.S. company. Go to <http://www.armstrongtx.com> to see details. It's a rebuild of their medium-wave transmitter, model X1000B. I assume after the work is done it would be called the X1000B/SW. This thing should be light years ahead of the old Elcom Bauer transmitter. I'll also pop into the transmitter site and take a few photos of the new installation when things are completed. It's my understanding that delivery of the transmitter will be in early January, I'll keep you posted. There's some final work to be done on the antenna (antenna tuning unit needs tuning and the antenna guy wires need some final adjustments). It's all slow but sure. The important thing is CFRX will be back on the air soon. From the e-mail and web buzz, a lot of people are anxiously waiting for its return. CFRB/CFRX QSL Manager (Steve Canney, VA3SC, DXplorer Dec 31 via BC-DX/DX Listening Digest/Hauser-OK)

CLANDESTINE 6185 *Radio Republica*, via Sackville (?), heard on reactivated 6185 at *0200-0240, Dec 27, 28 and Jan 07, Spanish talk about Cuba with Cuban jamming. Must be a fairly recent change, and we can say goodbye to any chance of hearing Radio Educacion, Mexico, during this bi-hour. Radio Republica started B-07 on 6100 at *0200-0400*, and was there the last time I (Hauser) checked, having forced Vatican via Canada to move to 6040. (Bernardini, Hauser and Petersen-DENMARK/DSWCI DX-Window)

COSTA RICA Found the 5954 mystery station on the air before 2300, their usual sign on time, again playing Mexican group Man, but they were off by 2315. Might be they started testings earlier this Friday 18. What is not a mystery is that the station is Costa Rica soil, most likely Central Valley. I phoned again today an executive friend at Control Nacional de Radio, but he wasn't around, reason why I don't have late minute info. (Raul Saavedra, Costa Rica, Jan 18/DX Listening Digest/Hauser-OK)

CROATIA Winter B-07 schedule of HRT HS-1 in Croatian:

0557-0856 6165 DEA, ex 0457-0856
0857-1356 9830 DEA
1357-2156 6165 DEA, ex 1357-2356
2157-0556 3985v DEA, ex 2357-0456

(DX Mix, BULGARIA)

GERMANY 6140 *MV Baltic Radio*, via Wertachtal, 1325-1400*, Su Jan 06, ann of new frequency (ex 5965) in G and E, ID's, oldies, adv for MV Baltic Radio Coffee Cup." (Petersen-DENMARK/DSWCI DX-Window)

"Via T-Systems:" Not anymore.

Bonn, January 15, 2008—After the European Commission granted approval for Deutsche Telekom AG to sell T-Systems Media & Broadcast GmbH to Telediffusion de France, the transaction was completed by both companies on Tuesday. The enterprise value, i.e., the total price upon which the transaction is based, is EUR 0.85 billion. (Bueschelde/DX Listening Digest/Hauser-OK)

INDONESIA 2959.965 1405, *RPDT2 Manggari*, Ruteng on the island of Flores with quiet ballads. Heard a few times until cd at 15. 1-2 SA (Stig Adolsson, Sweden, January 13/DX Listening Digest/Hauser-OK)

3325 *RRI Palangkaraya* 1413-1500* Jan 5. Berita lokal w/ several Palangkaraya datelines; from 1420-1450 some sort of drama resembling wayang kulit (puppet show); time pips (5+1) to 1500:15, then? (weaker now). (Wilkins-CO/Cumbre DX)

3344.97 *RRI Ternate*(p) 1404-1501* Jan 6. Man and woman in chat in presumed Bahasa Indo with a couple of vocal selections thrown in; closedown with "Love Ambon" at 1459. Carrier stayed on for another 20 minutes. (Wilkins-CO/Cumbre DX)

IRAN Frequency changes for *VOIROI/IRIB* in Kazakh:

1300-1357 Kazakh NF 11750 KAM, ex 11745 // 9660

(DX Mix, BULGARIA)

ISRAEL Frequency change for *Kol Israel*:

1400-1455 Hebrew NF 9390, ex 15760
1500-1600 Farsi NF 9390 Fr/Sa, ex 15760
1500-1625 Farsi NF 9390 Su-Th, ex 15760
1600-1725 Hebrew NF 9390 Fr/Sa, ex 15760
1625-1725 Hebrew NF 9390 Su-Th, ex 15760

(DX Mix, BULGARIA)

There are big problems with both transmitters of *Galei Zahal Radio* and after several weeks silence it is back on the air ---strong on 6973, received here with bad modulation // 15785 between fade-in around 1000 and fade-out around 1600. (Rumen Pankov, Bulgaria, Jan BDXC/DX Listening Digest/Hauser-OK)

KAZAKHSTAN 7460 *Voice of Orthodoxy* 1640 (via DX Tuner Sweden) Much better today with the audio steady. A bit of hum was all I heard but the signal was good. Man and woman talking in Russian. 1658 chorus signing. ID in Russian was partially cut off by gongs/bells sound effect. 1659 dead air and off. (Johnson-FL Jan 4/Cumbre DX)

LAOS Regional station *Xam Neua* on 4678 observed at 0000-0030 relaying National Radio Vientiane, 0030 own program to 0215 fade-out, also signing on 0900/0930 to 1300 very often with, for our ears, monotonous a-cappella singing by lady; fair level here. *National Radio Vientiane* observed signing at 2156 on 6130 with sung anthem and announcements including frequencies, off at 2322; at 0008 on again and observed to 0430, then 0745 to 1530 off, but possibly continuous; local station level here. (Gerhard Werdin, THAILAND via Wolfgang Bueschel-DE/Johnson/Cumbre DX)

Laos is a country, unlike Vietnam, where you can find many people who do speak English. Usage of the French language is quickly nearing extinction in Laos. I was informed, as my friend's bus traveled past the suspected LNR transmitter near the airport, that he was only able to see a couple of medium-wave towers on the antenna site. I had hoped he might have been able to see some shortwave antennas on the site; I recall these certainly weren't seen on the Google Earth image (this site was discussed within our group message area previously).

He was later able to contact LNR & was told that this was their mediumwave site, but the SW site descriptions of Ban Chommany Neuk, KM6 was correct for the SW transmitter site as was the site of Transmitter Hill in Sam Neua for 4678 kHz. Attempts to obtain coordinates proved fruitless, unfortunately.

It appears transmitter installation dates for the following frequencies are as follows:

6130 kHz—1995
7145 kHz—2001
4678 kHz—1980?

LNR confirms that only two SW sites now exist with Laos.

Transmitter manufacturers:-

567 kHz—Harris DX-200 (USA)
6130 kHz—Continental (USA)
7145 kHz—JRC (Japan)

So it "appears(?)" that the SW site is not where we thought it was; co-located with the MW site—so where is it??

The provided (rather than monitored) SW transmission schedule of 6130 & 7145 kHz was:

6130: 0500-1500 & 1600 to 2300 UT
7145: 2330-0030, 0500-0630 & 1130-1400 UT

'Viang Chan' seems to be the appropriate name for the capital given that the name 'Vientiane' is a relic from the French colonial era.

[later] Vientiane—further clarification. Just realized that some of the information that was posted about LNR was previously posted by Wolfgang in BCDX-795 Feb 2007 issue from the LNR website; apologies for the repeat.

[km 49 Harris MW tx site] Anyway the MW site near the airport must be for 640 kHz as the site for 567 kHz is definitely around 50 km north-ish of this site, (maybe closer to 45 km) as mentioned in BCDX & WRTH 2007. Area not Hi-Res at the moment.

Further clarification: The date of operation of the 50 kW shortwave transmitter on 6130 kHz is from May 1995. For the 10 kW on 7145 kHz, date of operation was from February 2001. Prior to these transmitters, there was another shortwave transmitter which operated from 1960; its antenna still exists to this day but is no longer used. I wonder what frequency this used? My WRTH's only go back to 1983 with 6130 & 7145 kHz both in use as separate txers/services. Some further info coming (Ian Baxter, Australia, SW TXsite yg Jan 9 via BC-DX/ DX Listening Digest/Hauser-OK)

LITHUANIA (non) Updated winter B-07 of *KBC Radio* in English via Sitkunai:

2200-2258 NF 6265, ex 6235
0100-0158 NF 6265, ex 6235

(DX Mix, BULGARIA)

MALI 9635 *Radio Mali*, Kati, Bamako, 0814-1320, Jan 13 and 15, reactivated after a few years' time, Vernacular talks, Malian songs, news, obituary (t) in progress at 1230, French at 1300 for newscast; silent on 7285v and 11960. (Bueschel and Goncalves/DSW-CI DX-Window)

MEXICO 4800.0 *XERTA Radio Transcontinental de America*, Cd. de Mexico, 0747 (p) and 1100-1315, Dec 29 and Jan 01-03, seemingly the one with Spanish songs, but no IDs, possibly to move away from 4810 with its constant hash. (Howard, Schiefelbein via NASWA, Valko and Wilkner/DSWCI DX-Window)

MYANMAR 5986 It seems that a new service of *Myanna Radio* is relayed on 5986v in the local early morning. I've traced the new service on 5986v kHz from around 0000-0130 UTC daily, but it probably operates for longer than that.

I haven't yet found any other shortwave frequencies for the new service apart from 5986v kHz in the local morning.

I don't know the official name for the new service, but it sounds like it's aimed at young adults. It carries a lot of pop music, especially covers of Western and Chinese pop songs sung with Burmese lyrics, interspersed with short announcements and occasional drama sketches all in Burmese. (Alan Davies-INS touring; the above mostly based on listening in Penang Isl MLA, 3-6 Jan 2008 via Bueschel, BCDX/Cumbre DX)

I think the station Alan is referring to is probably this one:

Xinhua General News Service:

New radio station on air in Myanmar

Tue 30 Oct 2007—A new radio station has been on the air very recently in Myanmar mainly broadcasting music with brief domestic and international news intercepting its program, according to Yangon audiences who came to notice Tuesday.

The two-and-a-half-hour morning program of the "Padauk Myay" Radio Station, broadcast in local language from an unidentified location since last week and is believed to be from inside the country, is received from 5:30am (local time) to 8pm on such frequency waves as FM (frequency modulation), MW (medium wave) and SW (short wave), the audiences said. (via Johnson Jan 12/Cumbre DX)

NEW ZEALAND RNZI B07—Updated Schedule through March 30:

0459-0658 15720 9870*
 0659-1058 9765 9870*
 1059-1258 13840 9870*
 1259-1650 5950
 1651-1935 9615 9890*
 1936-1950 9615 11675*
 1951-2235 17675 15720*
 2236-0458 15720 17675*

* DRM (Gupta-INDIA/Hard Core DX)

PAKISTAN I had noted that there has been no English from Pakistan the past few days, so I emailed the organization and asked them if it has been cancelled. In a return e mail, it was stated that this service had been cancelled as of January 5th 2008 (English to Europe 0730-0830 15100 and 17835) (Chris Lewis, England, Jan 9/DX Listening Digest/Hauser-OK)

Here are details I've received of the changes at *Radio Pakistan*. All other World Services not mentioned continue as before, as I assume does English News & Commentary at 1600-1615. The World Service to West Europe now starts at 0830-1100 followed by 4 minutes of English as usual on the same 15100 & 17835 as monitored.

Following External Service will be **DISCONTINUED** w.e.f. 5 January 2008.

Assami API-3 0045-0115 7445 [really was in ENGLISH-gh]

Arabic	API-3	1815-1900 6280
Tamil I & II	API-3	0315-0345 & 0945-1015 both 15620
Turki	API-3	1330-1400 5050
English WEu	API-5 & 6	0730-0830 15100 & 17835 (Urdu opens 0830)
Nepali	API-3	1245-1315 7445
Sinhali	API-3	1015-1045 15620
Turkish	API-3	1630-1700 6240
Russian	API-3	1415-1445 9395

The following services will continue with some changes in the timings & duration:

Hindi-I	API-3	7445 0215-0300 no change
Hindi-II	API-3	7445 1030-1130 (ex 1100-1145)
Bangla-I	API-3	7445 0115-0200 no change
Bangla-II	API-3	7445 1200-1245 no change
Pushto	API-3	5050 1300-1400 (ex 0500-0545) (ex 6235)
Dari	API-3	5050 1430-1530 (ex 1515-1545)
Irani	API-3	5050 1700-1800 (ex 1715-1800)
Gujrati	API-3	9350 0400-0430 no change
Chinese	API-5&6	9380 & 11570 1200-1300 (ex 1200-1230)

(Noel Green, England, Jan 12/DX Listening Digest/Hauser-OK)

English news is scheduled at 1600-1615 on 4790, 4835, 5027, 6240, 7520, 11550 and 11570. On 8 Dec it was observed only on 4835; on 15 Dec only on 6240; 23 Dec on 6240 and 7520; 25 Dec only on new 6245 (Rumen Pankov, Bulgaria, Jan BDXC-UK Communication/DX Listening Digest/Hauser-OK)

While going through recent press reports dated January 05, 2008 regarding the reinforcement of *Radio Pakistan* External services through quote the readjustment of broadcast transmitters and the services would be relayed through powerful transmitters to improve the signals of the broadcasts unquote, it was thought *Radio Pakistan* external services will reduce the transmission of World Service (Urdu) and will utilize the 250 Kw transmitters of World Service for the external services.

Instead they have decided to discontinue Tamil, Turkish, Turki, Nepali, Sinhali, Russian, Arabic and some English transmissions, while the retained services will continue to be transmitted through API-3 (100 kW). Frankly speaking the services which have been discontinued, do not deserve even an obituary. In recent past when certain state broadcasters stations decided to discontinue their external services the listeners' outcry forced them to reverse their decision. But in case of *Radio Pakistan* the foreign language services discontinued w.e.f 5.01.2008 had already lost any listenership which they had in past owing to faulty and worthless transmitter, inappropriate timings and poor program content.

Here I would like to point out the sorry state of affairs of Turki language service. Ironically Turki language (may not be confused with Turkish) had only a handful of speakers in Afghanistan but this

service was on air from Radio Pakistan since last many decades. The Sinhali, Russian and Nepali services were newer ones but failed to gain any listenership. Obviously very few listeners could afford the risk of Hearing impairment by listening to horrible buzz of API-3. At least the discontinuation of these services enlisted above is an admission that the transmitter signals of API-3 are not capable of going much beyond Pakistan borders. The retained services are primarily those which are directed for neighboring countries.

Coming to the Transmitter API-3, which has been retained for "Powerful transmission" it could undoubtedly be declared as the worst transmitter being used by any external service at the moment. I have been monitoring the shortwave broadcasts of more than 100 stations since last many years in my region but have yet to find such a poor transmitter being used by any broadcaster.

Radio Pakistan seem to be unaware of three prerequisites for an external service for gaining listenership on shortwave, which are effective program content being of target audience interest, strong signals and appropriate transmission timings. In case any of the above elements are missing the service proves to be waste of time and resource as is the case with Radio Pakistan.

Interestingly the duration of some of the retained services like Hindi, Dari, Persian have been increased. I wonder what good Radio Pakistan intend to achieve by increasing transmission time of these external services, if these are to be transmitted through API-3. It is still not understood why they could not wait till 2009 for complete installation of two new shortwave transmitters (100 kW) coupled with High Frequency aerial system at Landhi Karachi. We can surely conclude that when it comes to absurd decisions, no one can beat Radio Pakistan External Services. (Aslam Javaid, Pakistan, Jan 19/DX Listening Digest/Hauser-OK)

PAPUA NEW GUINEA 4960 Catholic Radio Network (now known as *Radio St. Gabriel*) heard from 0925 tune to 1300. From 1100 there was a W probably in vernacular, local program. 1111 M, instrumental mx at 1112 followed by W ann again to 1115. After 1200 most programming was devotional songs w/occasional short anmts.(Churchill-BC/Cumbre DX)

PERU 4523.5 *Radio Superior*, 2330-0230, Sa Dec 29 and Su Dec 20, new station heard through much noise with New Year's greetings in a program called "Superfiesta." ID: "...escucha a Radio Superior en banda de onda corta, banda que llega a todo el Peru, Radio Superior 4523 Kilocilos..." Location was difficult to catch, but ends with "—bamarca..." In earlier years there was a Radio Superior on 5300 in Distrito de Bolivar and in Naranjos on 6237v. (Rodriguez-COLOMBIA/DSWCI DX-Window). It was also heard at 2300-2400, Jan 05, and the location is

Bambamarca, Cajamarca. (Dioses-PERU/HCDX/DSWCI DX-Window)

7173.81 *Radio Tawantinsuyo*, 1103-1115 Noted a very weak signal here this morning with W in Spanish comments between musical selections. Not much music heard beyond 1108, just steady comments. (Chuck Bolland-FL, January 6/Hard Core DX)

Peruvian radio stations on short wave active on January 5th between 2300 to 2400:

- 3235 *Radio Luz y Sonido* desde Huanuco
- 3330 *Radio Ondas del Huallaga* desde Huanuco
- 4523 *Radio Superior* desde Bambamarca-Cajamarca (New/-Nueva)
- 4745 *Radio Huanta 2000* desde Huanta? Ayacucho
- 4775 *Radio Tarma Internacional* desde Tarma Junin
- 4790 *Radio Visión* desde Chiclayo—Lambayeque
- 4825 *Radio Sicuani* desde Sicuani—Cuzco
- 4835 *Radio Maraon* desde Jaén? Cajamarca
- 4940 *Radio San Antonio* Atalaya? Ucayali
- 4950 *Radio Madre de Dios* desde Madre de Dios
- 4955 *Radio Cultural Amauta* desde Huanta Ayacucho
- 4975 *Radio del Pacifico* desde Lima
- 4990 *Radio Manantial* desde Huancayo? Jun?n (New/ Nueva)
- 5025 *Radio Quillabamba* desde Quillabamba? Cuzco
- 5120 *Radio Ondas del Sur Oriente* desde Quillabamba. Cuzco
- 5460 *Radio Bolívar* desde Bolívar- La Libertad
- 5940 *Radio Melodía* desde Arequipa
- 6020 *Radio Victoria* desde Lima
- 6045 *Radio Santa Rosa* desde Lima
- 6175 *Radio Tawantinsuyo* desde Cuzco
- 6535 *Radio La Voz del Rondero* desde Huancabamba? Piura

(Cesar Perez Dioses, PERU/Hard Core DX)

PHILIPPINES *Radio Veritas Asia* has made the following frequency changes:

- 0030-0057 Bengali 9510 (ex-9670)
- 0030-0057 Hindi 9670 (ex-11895)
- 1430-1457 Telugu 9520 (ex-9800)

(DXAsia January 2nd/Media Network blog/DX Listening Digest/Hauser-OK)

SPAIN 6311 *Radio Barretina*, 1315-1317, heard January 5 in Spanish, announced "El Instituto de la Mujer," announcer had Catalan accent. Seems to be part of the "Catalonian Short Wave Radio Station Project." Operates in LSB with 100 Watts power. web: <http://profile.myspace.com/index.cfm?fuseaction=user.viewprofile&friendid=246089185>

There are also videos on YouTube. (Jose Miguel Romero Romero-SPAIN/Cumbre DX)

[Obviously a pirate operation - ed.]

UGANDA 4976 *Radio Uganda*, Kampala, *0205-0225, Dec 27, Vernacular, new s/on time, Afropop. (Peterson-DENMARK/DSWCI DX-Window)

UKRAINE *Radio Ukraine International* reactivated transmissions to NAM from Jan.1:

0000-0100 Ukrainian 7440
0100-0200 English 7440
0200-0400 Ukrainian 7440
0400-0500 English 7440

(DX Mix, BULGARIA)

CVC International via DTK T-Systems Media & Broadcast from Jan.1:

1400-1800 Ukrain./ 9885 JUL kW *Svitile Radio*
Ru *Emmanuel*

(DX Mix, BULGARIA)

9885 *Radio Svitile*, 1505 abt Jesus, Narod "radio menuno" then with a song seems as 'sdebo ya sto' and the again song 1512 with talks by W in surely Ukrainian with temps on 1513. Again short music gap then seems an advert with jingle bells.

Songs afterwards, some talks on 1530, song on 1537, ID on 1540 "Kiski...Radio Emmanuel" W with talks in domestic...then again song

The site offers two audio streams at 40and 128 kb with direct link to mms://online.svitile.org/Emmanuel & mms://online.svitile.org/svitile

Thanks to Ivan Lebedevsky and Romero for this log in cumbre. (Liangas-GRC/Hard Core DX)

The station is not new. It's 67.28 FM in Kiev, Ukraine. (Ivan Lebedevsky, RUSSIA/Cumbre DX) Svetly means "shining," so this station is called "Immanuel's Shining Radio," on their website I also see a short reference to "Radiostantsiya Emmanuil." It appears that this station has a Catholic background.

The 67.28 MHz frequency on their website belongs according to Victor Rutkovski to its own 500 watt transmitter in Kiev. They also mention that they are on air via the Sirius 2 satellite (which would be a likely audio source for the presumed Juelich relays of course, if they did not simply pick up the audio stream). I found nothing in frequency lists so far, but recently unID test transmissions in the Ukrainian mux on 11.766 GHz were reported, so probably Radio Immanuel had been put on satellite just a few days ago? (Kai Ludwig-DE/DX Listening Digest/Hauser-OK)

UNITED KINGDOM (non) Some VT Communications changes:

Radio Prague, all cancelled from Jan.2:

0100-0127 Spanish 11665 ASC
0200-0227 English 5995 SAC
1100-1127 French 17515 ASC

Radio Mustaqbal, all cancelled from Jan.2:

0545-0615 Somali 15400 MEY Mo-We/Sa
0620-0650 Somali 15400 DHA Mo/Tu/Sa
0730-0800 Somali 15530 DHA Mo-We/Sa
0805-0835 Somali 15530 DHA Mo/Tu/Sa
1130-1200 Somali 15340 DHA Mo-We/Sa
1205-1235 Somali 17660 MEY mo/Tu/Sa

CVC International, cancelled from Jan.7:
1000-1100 English 11815 MOS DRM

Trans World Radio Africa from Jan.2:

0830-0900 French 11985 ASC, ex 0830-0915

North Korea Reform Radio, new station from Dec.24:

1200-1230 Korean 9630 TAI

(DX Mix, BULGARIA)

UNITED STATES Frequency changes for *Voice of America*:

0300-0330 Swahili 7380 9440 Mo-Fr
1500-1530 Uzbek NF 7145 LAM, ex 11630
1500-1530 Uzbek NF 11550 KWT, ex 15390
1600-1700 Hindi NF 7430 UDO, ex 5840

Frequency changes of *Radio Free Europe/Radio Liberty*:

0900-1100 Russian NF 7220 PHT, ex 9355

Some *WYFR Family Radio* changes:

1400-1500 Pashto 13840 MAU
1800-1900 German 7490 ERV, ex A-A
1900-2000 German NF 5820 SAM, ex 7240

Winter B-07 of *WEWN*:

0000-0500 English 5810 EWN
0000-1100 Spanish 7540 EWN 11870 EWN
0500-0800 English 5810 EWN 5850 EWN
0800-1500 English 5850 EWN
1100-1500 Spanish 7540 EWN 11875 EWN
1500-1600 English 11530 EWN
1500-2000 Spanish 11550 EWN 17510 EWN
1600-2000 English 11530 EWN 15785 EWN
2000-2200 English 11530 EWN 17595 EWN
2000-2400 Spanish 11550 EWN 15745 EWN
2200-2400 English 7560 EWN 9975 EWN

(DX Mix, BULGARIA)

Winter B-07 Schedule of *WYFR Family Radio* Relays:

0000-0100 Hindi 15195 TSH
0100-0200 English 15195 TSH
0500-0600 Portuguese 9845 MDC
0500-0600 German 3955 SKN
0800-0900 Korean 11895 TAI
0900-1100 English 9460 IRK
1000-1100 Japanese 7150 NVS
1100-1200 Korean 9460 IRK
1100-1200 Tagalog 11510 A-A 11520 PAO
1100-1200 Indonesian 11550 TNN

1100-1300	Chinese	5995 P.K 6115 IRK 6240 PAO 7165 P.K 9280 HUW 12150 A-A	1700-1800	English	3955 SKN 9885 WER 21680 ASC 9405 WER
1200-1300	Korean	6005 K/A	1700-1800	Nepali	6105 NAU 7485 SMF
1200-1300	Tagalog	11520 PAO	1700-1800	Persian	6045 DHA
1200-1300	Burmese	11560 HUW	1700-1800	Amharic	11635 WER
1200-1300	English	5900 IRK	1700-1800	Swahili	9705 WER
1200-1300	Indonesian	9450 NVS 9485 IRK	1700-1800	Urdu	11815 WER
1200-1300	Vietnamese	7175 IRK 7445 PAO 7560 A-A	1700-1900	Punjabi	9925 WER
1230-1300	Bengali	12010 DHA	1800-1900	Turkish	9770 WER
1300-1330	Bengali	12010 DHA 13820 WER	1800-1900	Amharic	7345 SAM 9520 WER
1300-1400	Burmese	9310 A-A	1800-1900	Arabic	9660 SKN 9845 NAU 7240 SKN 7395 MDC
1300-1400	English	7175 IRK 7560 A-A 9485 IRK 11520 PAO 11560 HUW 11930 WER	1800-1900	English	9435 WER 9785 SKN 9885 WER 11665 NAU 3955 WER 7490 ERV
1300-1400	Marathi	15770 WER	1800-1900	German	5820 TAC
1300-1500	Chinese	5995 P.K 6115 IRK 6240 PAO 7165 P.K 7535 A-A 9280 HUW	1800-1900	Polish	6050 JUL
1330-1500	Bengali	7505 TAC 13820 WER	1800-1900	Romanian	5970 WER
1400-1500	English	5920 TCH 6225 DB 7560 A-A 11520 PAO 11560 HUW	1800-1900	Russian	6120 NAU
1400-1500	Gujarati	5900 SAM 9355 KCH	1800-1900	Spanish	11805 MDC
1400-1500	Hindi	5865 DB 11930 WER 15520 DHA	1830-1900	Swahili	17660 ASC
1400-1500	Kannada	5970 SAM 11830 WER	1900-1930	French	7300 ARM 9685 DHA 9695 WER 9770 WER 17660 ASC
1400-1500	Marathi	9855 DHA	1900-2000	French	5965 RMP 6175 WER 9500 WER
1400-1500	Nepali	7340 IRK	1900-2000	English	3230 MEY 6020 MDC 7160 DHA 7345 SAM 7395 MDC 9480 NAU
1400-1500	Pashito	13840 WER	1900-2000	Swahili	9660 MEY
1400-1500	Tamil	7475 DB	1900-2000	German	5820 SAM
1400-1500	Telugu	6020 SAM 15115 WER	1900-2000	Italian	6000 MSK
1400-1500	Vietnamese	9485 IRK 15465 PAO	1900-2000	Portuguese	6120 NAU
1400-1500	Urdu	7175 ARM	1900-2000	Spanish	7490 KCH
1500-1600	Punjabi	5900 SAM 9665 WER	1930-2000	French	7300 ARM 9685 DHA 9695 WER 9770 WER
1500-1600	Hindi	5865 DB 11930 WER	2000-2030	French	7300 ARM 9595 WER 9670 WER
1500-1600	Chinese	6240 PAO 9280 HUW	2000-2100	English	3230 MEY 6020 MDC 6240 KCH 9480 NAU 15195 ASC
1500-1600	English	5920 TCH 6280 TSH 12015 DHA 13660 WER	2000-2100	Arabic	5925 WER 9465 WER 9610 WER
1500-1600	Gujarati	9800 WER	2030-2100	French	5965 RMP 7300 ARM 9595 WER 9670 WER
1500-1600	Hindi	5865 DB 11560 HUW	2100-2115	English	6240 KCH 9480 NAU 15195 ASC
1500-1600	Marathi	7340 IRK	2100-2130	French	5965 RMP 7305 WER
1500-1600	Bengali	7505 TAC	2100-2200	Arabic	5970 WER 9610 WER
1500-1600	Tamil	15115 WER	2100-2200	Chinese	7435 PAO 9280 HUW
1500-1600	Urdu	7175 ARM 11830 WER	2115-2200	English	6240 KCH 9480 NAU 15195 ASC
1500-1700	Russian	9955 TNN	2130-2200	French	7305 WER
1600-1700	Arabic	9830 NAU	2200-2300	French	6010 WER
1600-1700	English	9885 WER 11845 WER 15325 WER	2200-2300	Arabic	5960 WER
1600-1700	Amharic	11635 WER	2200-2300	English	7305 WER 11875 ASC
1600-1700	Hindi	5865 DB 6280 TSH 9405 WER	2200-2400	Chinese	6230 PAO 9280 HUW
1600-1700	Persian	7485 SMF 9650 NAU	2300-2315	English	11875 ASC
1600-1700	Portuguese	6000 MEY 15260 MEY			
1600-1700	Punjabi	6070 ARM 7485 SMF			
1600-1700	Swahili	9590 MDC			
1600-1700	Urdu	7295 NVS 9485 WER			
1700-1800	Russian	7435 TAC 9595 WER			
1700-1800	Arabic	9435 WER 9530 RMP 11685 JUL			

(DX Mix, BULGARIA)



Pirate Radio Report

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

Hello and welcome to the February 2008 edition of the *Pirate Radio Report*. Band conditions have been up and down during the month. Some days good, others poor. I did read somewhere that the new solar cycle is about to begin so in a few years things will be improving. Many thanks to the following fine folks who either report through the Flashsheet or direct: Brian Alexander-PA, Wilson-KY, Joe Wood-TN, and George Zeller-OH.

Ann Hoffer Live, 6925 USB at 2006-2017 UTC on January 19th. An attractive sounding YL playing guitar & singing "Somewhere Over the Rainbow" among others. ID at 2010 as Ann Hoffer Live. Signal was Fair with Fading or QSB [Alexander-PA]

Grasscutter Radio, heard on 6925 kHz USB from 1900 past 1932 UTC on January 12th. Several IDs and music By Robin Trower, Rod Stewart, Billy Squire and others. The First log of Grasscutter in quite a long time. Nice show! Fair-Good. [Wood-TN].

Power FM, an Italian pirate, was noted on 6878 kHz on December 28th at 0343 UTC. Non-stop pop songs. [Bernardini-Italy] This station relays a local FM station and was recently heard in Maryland, USA.

Radio Gong, another new one, noted on 6925 kHz USB signing on at 2210 UTC on January 13th with Gong IS and ID as "This Is Radio Gong Calling", talk by OM announcer. Mention of All Indie Radio, then into rock music. [Lobdell-MA]

Radio Jamba International, 6925 kHz, a division of the Bowling League, was noted at 1658 sign off on December 30th. I just caught the sign off announcement of "Happy New Year from the Bowling League." Too bad, it was a flamethrower signal. VG. [Wood-TN]

Radio Lowland, a Dutch Europirate, was noted on 6310.16v AM mode from 0610 to 0745 UTC on January 1st. Wide variety of techno-pop dance music, oldies pop music,


light instrumental music. Finally caught an ID at 0738. Reception varied from weak to threshold levels with some rare peaks up to a fair level. They were on 6310.14 at 0610 but drifted up to 6310.16 by 0745. [Alexander-PA]

TCS-The Crystal Ship logged on 6700.1 kHz AM mode from 1736-1745, January 19th. Music by Jackson Brown. At 17:43 Id by YL voice then into more music. Reported AM carrier power of 150 watts. Signal was good. S-8 on the old NRD-515 with good audio.

Undercover Radio, noted on 6925 USB from 1655 past 1715 UTC on January 6th. Collective Soul was playing, full ID by male DJ with QSL Email & address info. Also said this was the 2008 New Years Show. Then into another song I did not know. Signal was good as was the audio. [Wilson-KY]

Voice Of The Bat, an apparent new one, noted on January 14th on 6925 USB from 0033 to 0054 UTC. Miserable signal, but I did have what appeared to be a clear ID at 0035. 1940s pop and discussions by an OM DJ, but the level was so poor that copy was difficult. Copied no address. I haven't heard this one before. [Zeller-OH]

WBNY-Radio Bunny, noted on 6925 USB from 1805 to 1814 sign off on January 21st. Broadcast on Martin Luther King Day Monday holiday. Commander Bunny says repeatedly that, "I Have a Dream." His dream is that the Rodent Revolution ran the world and that the world was in perfect harmony. Brief segment of the end of an old NBC Radio broadcast of Amos and Andy, in characters cleans out the store by selling everything for which one of the one cent. [Zeller-OH]

WTCR-20th Century Radio, logged on 6925 kHz USB from 1530-1540 UTC, on December 29th. In USB with sign on at 1529 UTC with usual 20th century movie music. Old fashion XMAS song. Then other songs that were about Christmas, ID at 1540 by a computer generated sounding voice. Signal was good with some QSB or fading. [Wilson-KY] 

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

St. Petersburg
August 28, 2001

Dear Mr. Richard A. D'Angelo,

Thank you very much for your reception report!

You really heard our short wave transmission and this letter is our official confirmation of this fact:


August 1, 2001
0200-0300 UTC
9940 kHz

Radio Studio Doma Radio "Gardarika" started its regular short wave broadcasting on February 16, 2001 using a 200 kW transmitter in the 49-meter band.

Dom Radio "Gardarika" (= Broadcasting House "Gardarika") also broadcasts on two FM frequencies here in St. Petersburg including 69.05 MHz (0300-2300 UTC) and 102.4 MHz (24 hours a day).

We hope you will continue to listen in our programs in the coming time.

Best regards,


Dmitry Vasylyev
Short wave project manager



AUSTRALIA: VL8K 2485 ABC Northern Territory Service very nice f/d personal ltr., w/ station literature, stickers in 28 ds. for 3 IRCs and \$2.00 (returned). The ltr. was in transit for only 8 ds. v/s Theresa Regan, Administration Officer. My rpt. was mailed to ABC Northwest Territory HF Service, ABC Radio 8000, Darwin NT 0800 Australia. The reply came from ABC Business Services, GPO Box 9994, Darwin NT 0801, Australia. (Wood-TN).

CANADA: CFVP 6030 f/d ltr. which included power as 100 watts and

STATION NOTES: Radio Aparecida 9630
Addr: Avenida Getulio Vargas 185, CEP 12570-000 Aparecida, SP, Brasil. Radio Brasil Central
11815 v/s Silvio
Jose da Silva,
Gerente Administrativo. Radio



Caiari 4785 v/s Jose Maria Llamazares, Gerente Geral. WEB: //radiocairai.com Radio Clube Marilia
3235 Addr: Rua Carlos Artencio 117, CEP 17519-255 Marilia, SP, Brasil. Email: itaipufm@terra.com.br
Radio Clube do Para 4885 v/s Camilo Centeno, Diretor. Addr: Rede Brasil Amazonia de Comunicacao, Av. Almirante Barroso 2190, CEP 06.095-000 Belem, Para, Brasil. ...via PLAY DX...Sam.

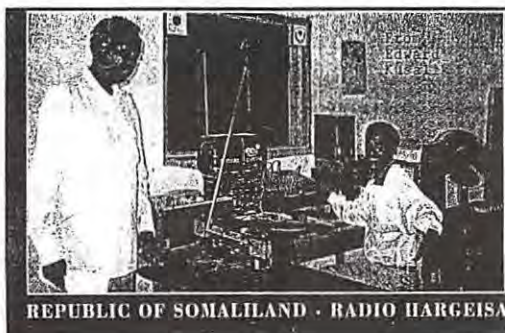
transmitter location. v/s Ken Pasolli, Technician for the Astral Media Radio G.P. in Calgary. Station was logged over Thanksgiving while I was cruising on the Motor Vessel "Queen of the West" between Oregon and Washington. (Neal-KS)

IRAN: Voice of the Islamic Republic of Iran 7130 via Teheran f/d cd. w/ lots of goodies in 2 mos. (Barto-CT). 7350 via Sirjan same as above. (Barto-CT)...Just received my new 2008 calendar from Iran. Its pretty neat...Sam.

NEW ZEALAND: Radio New Zealand International 13840 f/d "Sporting New Zealand" cd. in 30 ds. for 2 IRCs. v/s Adrian Sainsbury. (Park-HI).

ROMANIA: Radio Romania International 6140 and 7125 f/d cd. w/ station sticker and schedule in 2 mos. (Barto-CT).

SAINT HELENA: Radio Saint Helena 11092.5 f/d cd. in 739 ds. for a f/up rpt. via postal and Email. Also sent an applause cd.,





Give all your worries and cares to God, for He cares about what happens to you."
 1 Peter 5:7, NLT
 "Trust in the Lord forever, the Lord, the Lord, is the Rock eternal."
 Isaiah 26:4, NIV

To MR RICHARD D'ANGELO
 We are pleased to verify your reception of our station.
 Date 18-6-04 Time (UTC) 0230
 Power (kW) 50 Frequency (kHz) 7385
 Transmitter location VIA WISAM MIAMI
 Comments NASS-AWA RELAY OF AWR DX PROGRAM "RADIO MONITORS INTERNATIONAL", ANALOG-DIGITAL.
 Signature [Signature]
BRIAN M. PETERSON
 Adventist World Radio
 • 39 Brendon Street, London W1H 5HD, England
 • +44 (0) 1344 401401
 • letters@awr.org
 • www.awr.org

SPECIAL QSL

local post cd. and \$5.00. v/s Laura Lawrence, Station Manager. Addr: Radio Saint Helena, QSL Manager, P.O. Box 24, Jamestown, St. Helena Island, STHL 1ZZ South Atlantic Ocean. (Wood-TN).
SIERRA LEONE: Cotton Tree News 9525 via Ascension Island v/s Anne Bennett, Coordinator de Projet Sierra Leone. (D'Angelo-PA).
SRI LANKA: Deewa Radio 11510 "delano" cd. in 9 wks. w/ VOA Program

STATION NOTES: Armed Forces Radio and Television Service 7590 via Iceland Email: QSL@dodmedia.osd.mil. All India Radio 17510 via Delhi v/s A.K. Bhatnagar, Director of Frequency Management. Addr: Directorate General, All India Radio, A.V. Bhavan, Sansad Marg, New Delhi 110001, India. All India Radio 4760 via Leh Email: leh@air.org.

Thank you SCOTT A. BARBOUR JR for your recent SWL report. LEADING THE WAY is pleased to confirm your reception of our dual language radio program.
 You heard our English/ FARSI program, broadcast via Kampishan IWK on 9.900 MHz on MERLIN at 17:00 UTC.
 Confirmed by: L.T.W. TEAM
 I Peter 1:3

LEADING THE WAY uses radio, television, and the Internet to provide the Good News of Jesus Christ.
 Our dual language programs are broadcast internationally in English, Arabic, Mandarin, Indonesian, Turkish, Punjabi, Russian, Farsi, Hindi, French, and Bengali.
 Dr. Michael Yousef is the founding pastor of The Church of The Apostles in Atlanta, Georgia.
LEADING THE WAY with Dr. Michael Yousef
 P.O. Box 20100
 Atlanta, Georgia 30323
 www.leadingtheway.org

in v/s Mr. Nagar, Station Engineer. **IRIB 6205 v/s Ali Azizmohammadi Radio Galei Zahal 6973 Addr: Galei-Zahal Broadcasting Station of the Israel Defence Forces, Military Post Office 1005, Zahal, Israel. European Music Radio 5775 Addr: EMR c/o A. Taylor, 32 Shearing Drive, Carshalton, Surrey SMS5 1BL, England... via PLAY DX.....Sam.**

Guide and yet another calendar. (Barto-CT).

Rather short Column this month. Get your reports in for next month.
 Best of QSLing...

Sam

RADIO THE VOICE OF VIETNAM
 This is to verify

M/Rms: Richard A. D'Angelo
 listened to the VOV Broadcast at 0230-0258 UTC
 on 1 Aug 2004 on 6.175 MHz (Relay in Sackville, Canada)
 with the compliments of the Director of the Overseas Service of the Voice of Vietnam.


Hanoi, Oct 19, 2004
 OVERSEAS SERVICE, VOICE OF VIETNAM
 58 Quan Su Street, Hanoi, Vietnam

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, 50' wire, MFJ-956 tuner
Jerry BERG, Lexington, MA	R8 19, 41, 90 meter dipoles
Bill BERGADANO, Freehold, NJ	Kenwood TS430S, Icom 718, 170' tuned inverted L
Giampiero BERNARDINI, Milano, ITALY	Perseus, T2FD, 15m long
Ross COMEAU, Andover, MA	R8, 60' LW
Richard CUFF, Allentown, PA	no equipment listed
Rich D'ANGELO, Wyomissing, PA	TenTec R340, Lowe HF-150, DX Sloper
Mick DELMAGE, Sherwood Park, AB	Collins HF-2050 Ant: KLM Log Periodic
Jerry ERVINE, Hidalgo, TX	R-75, R2000, 2010, whip & 5 band Vert, wire
Jim EVANS, Germantown, TN	RX340, 30 m wire, R8B
Mark FERRIOLI, Philadelphia, PA	DX160, ATS909, SG-622, random wire
Marlin FIELD, Hillsdale, MI	NRD545, long wire
Bob FRASER, Belfast, ME	Sony ICF-2003 ICF-SW100S 2m LW
Glenn HAUSER, Enid, OK	FRG-7, DX-398, SW-07, ATS-909, YB400 lw
George HERR, Playa del Rey, CA	G303e. R8B, NRD535, 50' lw
Ron HOWARD, Monterey, CA	NRD545, LW 160', etón E5
William McGUIRE, Cheverly, MD	DX-380
Richard MITCHELL, Raleigh, NC	RX-320D, PAR EL-SWL
Dale PARK, Honolulu, HI	ATS-818CS
Richard PARKER, Pennsburg, PA	no equipment listed
Jim RONDA, Tulsa, OK	NRD-545, R75, etón E1, Eavesdropper
Mark SCHIEFELBEIN, Springfield, MO	Kenwood R-5000, Wellbrook 330S loop
Jerry STRAWMAN, Des Moines, IA	R-8, 313e, 60 mtr dipole, mini whip
Mark TAYLOR, Madison, WI	R-75, Sat 800, EWE, Eavesdropper
Robert WILKNER, Pompano Beach, FL	NRD535D, R75, Drake R7, 10 mtr ground wire
Ken WILSON, Georgetown, KY	NRD545, 746Pro, R5000, ALA1530, 180' lw
Joe WOOD, Gray, TN	DX-390, Grundig Mini 100 PE, whip antenna 

FOR SALE: R-390A – RAPID QSY! Toolmaker converts your kilocycle knob to a beautiful spinner type with machined, knurled crank and refinishes with Mil-Spec black hard coat. Price \$75.00. Refinish all 17 knobs and add new white lines on 15, \$55.00. Endorsed by Rick Mish of Miltronix. Free shipping to lower 48. Richard Parker, 1205 Sleepy Hollow Road, Pennsburg, PA 18073.

Tropical Band Loggings

2000-5900 kHz

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

- 2380.58 **UNID 1000-1020** Harmonic in SS; 12/25 (Wilkner-FL)
- 2485 **AUSTRALIA VL8K** Katherine 1130-1150 f-g signal w/ commentary; // 2310 VL8A next in strength; 1/3. (Wilkner-FL) 1230 EE talk of Australian educational system & film industries; into weather rpt w/ rain forecast for Hobart; S8/good; 1/18. (Wood-TN)
- 2500 **HAWAII WVVH** 0729 W in EE w/ full station ID & mailing address; time announced a few seconds a head of WWV; faint but clear; 12/29. (Wood-TN)
- 2850 **N. KOREA KCBS** 1100 Martial mx; f-g signal; 12/30; same on 12/25. (Wilkner-FL)
- 3172.36 **PERU R. Municipal** Panoa 1000-1130 & 2300-0200 monitoring times; seems off the air. (Wilkner-FL)
- 3185 **USA WWRB** Manchester, TN 0732 M in EE w/ discussion of US presidents; the voice sounded synthesized or made up of bits of recordings; vg; 12/29. (Wood-TN)
- 3200 **SWAZILAND TWR** Mpangela Ranch 0302-0310 in Ndebele with M & W ancrs; slow song w/ W vocal; exc; 11/29. (Parker-PA)
- 3215 **USA WWCR** 0410-0425 heard 2 diff. EE WWCR programs mixing together on 3215; weak but audible religious program from WWCR 5935 bleeding into 3215; 1/5. (Alexander-PA)
- 3230.52 **USA WWCR** 0410-0425 Weak spur from 3215; much weaker spur on 3199.48 at threshold level; these spurs are 15.52 kHz above & below 3215; 1/5. (Alexander-PA)
- 3240 **SWAZILAND TWR** Mpangela Ranch 0311-0315 in Shona with M speaking; exc; 11/29. (Parker-PA) 0305-0317 Dec 23 Ancr in lang w/ native mx & talk; ID in passing; f-g; 12/23. (Barbour-NH) 0333-0335 M w/ prayer & relig talk in listed Ndau; poor; (SINPO 22222); 1/12; Also heard 1/7 on 4775 with German program and slightly better signal. (Evans-TN)
- 3249 **HONDURAS R. Luz y Vida** San Luis 1214 M in SS w/ morning show of inspirational talk; S7/fair; 1/18. (Wood-TN)
- 3254.87 **BRAZIL R. Educadora 6 de Agosto** Xapuri 0950-1010 (T); Seemingly the PP language station; 1/9. (Wilkner-FL)
- 3255 **S. AFRICA BBC** Meyerton 0320-0325 in EE with W host interviewing M about justice system in the US; exc; 11/29. (Parker-PA) 0330 EE w/ ID and World News; fair; 12/30. (Ronda-OK) 0330 Africa-oriented nx update & Network Africa programming in EE w/ rpts around the continent; some intermittent 2-way SS QRM; f-g; better than usual; 1/7. (Schieffelbein-MO) 0330-0335 News in EE; f-g w/ QRN; 1/12. (Wilson-KY)
- 3279.6 **ECUADOR LV del Napo** Tena 0605-0610 in SS with W speaking; exc; 11/30. (Parker-PA) 3280 0143-0205 SS w/ call in by W; (maybe song request); talk by M ancr; 0148 OA song; 12/29. (Taylor-WI)
- 3310 **BOLIVIA R. Mosoj Chaski** Cochabamba 0049-0200* Mostly talk by W in Quecha w/ short folk style songs, talk by M through ToH (no ID discernable); back to W and folk songs; 0125 "Mosoj Chaski Cochabamba"; more mx & talk by W ancr; 0159 brief talk by M ancr ("Cochabamba" mentioned); 0200 off; poor signal strength but clear conditions; 12/29. (Taylor-WI) 1007-1021 M at t/in in SS w/ Quecha mx bit; various ancrs & mx bits; p-f; 1/9. (Barbour-NH)
- 3320 **S. AFRICA R. Sonder Grense** Meyerton 0329-0333 in Afrikaans with M ancr; Roy Orbison song "Only The Lonely" & other pops; exc. & in the clear; 50dB signal; 11/29. (Parker-PA) 0409-0414 M announcer in Afrikaans w/ music about the Australian bush; S7/fair; 1/5. (Wood-TN) 0219-0330 W DJ in Afrikaans playing a wide variety of mx, including one song that could best be described as Afrikaaner country; nice armchair signal; best in a while; good; 1/4. (?-ed.) 0338-0350 Prg of ballad style pop mx; M & W in Afrikaans; good; SINPO 34333; 1/12. (Evans-TN)
- 3329.70 **PERU Ondas del Huallaga** Huánuco 1115 Still in but difficult to tune since the collapse of strong signals from Latin America; mx and regular programming w/ 3330 CHU dominant; Huallaga still on but 3172.6 may be off or just very poor conditions during the 2300-0100 listening period; 12/30. (Wilkner-FL)
- 3340 **HONDURAS HRMI** Comayagüela Seems irregular although Latin harmonic is omnipresent (Wilkner-FL)
- 3345 **INDONESIA RRI** Ternate 1246 (P); Continuous pop mx; fair; 1/12. (Strawman-IA)
- 3345 **S. AFRICA Channel Africa** Meyerton 0340-0350 in EE w/ M & W discussion; p-f; 11/29. (Parker-PA) 0315 poor w/ program in EE; 12/28. (Ronda-OK) 0335 EE interviews w/ a local singer including song clips; longer interview w/ a S.African education official; fair; 1/13. (Schieffelbein-MO)

- 3396 **ZIMBABWE ZBC** Gweru 0115-0127 in vernacular w/ aboriginal mx and Afropops; f-g; 12/3. (Parker-PA) 0116 & checks thereafter; Afropop w/ occasional M ancr in vernacular; 12/29. (Taylor-WI)
- 3810L **ECUADOR HD210A** 0152 Time station in SS battling for dominance w/ co-channel amateur radio ops; fair; 12/26. (Barbour-NH) Time station w/ pips & time announcement at :50 of each minute; full ID at 0659:45; all in SS; good; 1/11. (Delmage-AB)
- 3925 **JAPAN R. Nikkei** missing or inaudible both 1/12 & 1/13 during 1300 hour. (Strawman-IA) 1235 In JJ w/ classical piano mx; S5/poor; 1/18. (Wood-TN)
- 3945 **IRAN VOIRI** Kamalabad 0335-0350 in vernacular w/ M ancr; mx; Koran; super strong signal was annoying the gaggle of 4-land hams exchanging sophomoric comments while viewing people on "Just-in-TV" site on the web; 11/26. (Parker-PA) lol-ed.
- 3955 **NETHERLANDS R. Nederland** 0615-0620 in DD w/ M ancr; mx w/ children singing; 45dB signal in the clear; exc; 11/30. (Parker-PA)
- 3955 **UNITED KINGDOM WYFR** Skelton 0502-0507 in GG w/ M speaking; exc; 12/14. (Parker-PA) 2212 f-p signal had English nx comment & mx; 1/1. (Strawman-IA)
- 3975 **HUNGARY Kossut Radio** 0425-0430 M & W ancres in HH w/ nx; in the clear; exc; 11/29. (Parker-PA) 0713 (P); Extended talk in HH by W & M; fair; 1/5. (Taylor-WI)
- 3985 **CROATIA Hrvatski Radio** 0302-0306 M & W ancres in EE w/ 113 (?-ed.); freq schedule and web info; in the clear; 40dB signal; 11/26. (Parker-PA) 3984.9 2345-0000 Very enjoyable local mx; ID by M in Croatian at 0000 followed by talk; very weak signal under ARO QRM, but readable; SINPO 22222 at best; parallel 7285 (Germany) w/ much better signal; 1/12. (Evans-TN)
- 4005 **VATICAN CITY R. Vaticania** 0442-0447 Church service followed by commentary by W in unid lang; poor; 12/26. (Wood-TN)
- 4052.5 **GUATEMALA R. Verdad** Chiquimula 0133 M in SS over flute mx; exc and in the clear 11/21. (Parker-PA) 0430 in SS w/ Barbershop Quartet-style hymns in EE; incredible 70dB signal; 12/12. (Parker-PA) 0434 very good w/ Christmas carols easily overriding the background noise; 12/25. (Dexter-WI) 1140-1148 in SS w/ organ music; Christian Evangelist programme; strong signal; 1/3. (Wilkner-FL) 1050 just carrier w/ no audio 12/3; same at 0530; 12/25. (Wilkner-FL)
- 4220 **CHINA Qinghai PBS** Xining 2330-2335 presumably in listed Amdo/Tibetan w/ M ancr; in the clear but very weak; not much to work with; 12/2. (Parker-PA) 0031-0036, Tibetan mx with long chanting; signal only slightly above very quiet noise floor but plainly audible; 12/15. (Parker-PA) (P); 2327-2348 Ancr in vernacular b/w wailing vocal ballads & flutes w/ what appeared to be a call-in prg; poor under band noise & data bursts; 12/27. (Barbour-NH)
- 4330 **CHINA Xinjiang PBS** Urumqi 0003-0019 W ancr w/ talks in listed Kazakh & occasional musical bits; poor w/ band noise & CW QRM; 1/3. (Barbour-NH)
- 4396.3 **SPAIN Onda Cero Radio** 0305-0401 (P); AFRTS-type transmission for SS troops abroad; in SS w/ M & W ancres; variety of news items with mx bridges; partial song "My Sharona" and mention of E Spana at 0401; 4+1 pips at ToH & BoH; unlike 4394.5 USB transmission reported in 11/07 Journal this broadcast was AM with both sidebands clearly audible but carrier frequency would constantly drift upward and back slightly; heard here with good signal all evening but loud 40dB signal at 0305 t/in; 12/14. 0020-0035 w/ M & W ancres, John Denver song; exc; 12/15. (Parker-PA)
- 4450 **N. KOREA KCBS** Pyongyang 1143-1155 Continuous KK ballads; weak under band noise; barely audible at t/out; poor; 1/17. (Barbour-NH)
- 4450 **N. KOREA Korean National Democratic Front** 1357 (P); Listed 15KW was a bit above threshold w/ patriotic orchestral mx; announcements in KK through ToH; 1/13. (Strawman-IA)
- 4500 **CHINA Xinjiang PBS** Urumqi *0000-0010 5 pips at s/on, IS consisting of soft musical tones w/ presumed ID; ancr in listed Mongolian w/ exotic musical bits; poor, barely audible under band QRM; 1/5. (Barbour-NH)
- 4545.32 **BOLIVIA R. Virgen de Remedios** Tupiza 0000-0100 w/ depressingly poor signal; good to know that they are here; cannot improve signal with any of four antennas; 12/28; 12/30 & 31. (Wilkner-FL) 4545.396 1030-1040 (T); Weak audio; 1/15. (Wilkner-FL)
- 4605 **INDONESIA RRI Serui** Papua 1415 (P); the only station in the world known on this freq w/ W ballads; 1418 announcement; weak signal on 4790 vs CODAR may have been another Indonesian; none of the other 60m Indo freqs produced anything above the local noise level; 1/4. (Hauser-OK)
- 4635 **TAJIKISTAN Tajik Radio 1** Yangiyul 0301-0315 M ancr in Tajik w/ news; ID jingle at 0307 followed by W ancr and flute bridges; then ethnic songs; in the clear and QRM-free with 25dB signal, 12/6. (Parker-PA) 2356-0022 Familiar format of M & W in lang b/w Pashto/Dari-like musical selections; poor/weak; 1/1. (Barbour-NH) 4635.04 0009-0036 (P); fair-weak; slightly off signal w/ some ute QRM noted; M in presumed RR over occasional instrumental mx; tough copy but first time actually audible here; 1/6. (Comeau-MA)

- 4699.3 **BOLIVIA R San Miguel** Riberalta (P) 2250-2255 M anc in SS & mx; in the clear and audible; 5dB above the noise floor; 12/1. (Parker-PA) 4699.35 1028 M & W in SS w/ announcements; complete w/ barking dog sound effects; and brief musical bits; p-f; 12/26. (Barbour-NH) 1003-1018 M & W w/ SS mx & talk; p-f; 1/10. (Barbour-NH) 4699.41 0950-1000 All week long w/ drifting freq; local announcements; good. (Wilkner-FL)
- 4700h **BULGARIA R. Bulgaria** 0025-0032 W anc in EE; 1/2 harmonic of their 9400 transmission to N. America; fair; 12/5. (Parker-PA)
- 4709.2 **PERU R. Vision** Chicalayo 0508-0512 M in SS with church service; poor w/ sweeper QRM; 12/26. (Wood-TN)
- 4716.6 **BOLIVIA R. Yura** Potosi 0120-0125 M anc in (P) SS w/ mx; fair; 11/29. (Parker-PA) 4716.594 *1017 Sudden on w/ instrumental mx; not typical of Bolivia, till 1036 w/ no announcements; 1/19. (Wilkner-FL) 4716.611000-1030 fading w/ some W & flutes; Same time 4699v Bolivia R. San Miguel Riberalta and 4796v R. Mallku Uyuni w/ respectable signal strength; no signal on 4875.9 Bolivia R. Estambul Guayamerin; 1/1. (Wilkner-FL) 4716.8 0117-0123 Poor signal w/ SS mx; 1/17. (Barbour-NH)
- 4732.02**BOLIVIA R. Universitaria** Cobjia Pando 1055 Flauta andina lenta but no ID on hour; faded by 1107; exc; 1/16. (Wilkner-FL) *1025-1040 On suddenly w/ brief SS anc & up-tempo mx; diff mx selections at 1027; f/out under band noise by 1040; s/on presumed, nothing here at earlier 1010 check; fair at s/on.; 1/16. (Barbour-NH) 1050-1105 Tremendous signal; slow M ballads; no ID; 1/18. 2330 noted on same day under rtty "...RYRYRYRYRYRYRYRY...". (Wilkner-FL) 1055 Nothing noted; 1/19. (Wilkner-FL)
- 4745 **UZBEKISTAN WYFR** 1425 S. Asian mx w/ M anc in Tamil; poor; 1/5. (Taylor-WI) typo for 7475 via Tajikistan? (ed.)
- 4746.8 **PERU R. Huanta 2000** Ayacucho 2253-2257 Excited M anc in SS w/ mx; good; 11/30. (Parker-PA) 4746.9 2340-2353 Fast talking M anc in SS followed by local mx; very poor signal, just above noise; 1/11. (Evans-TN) 4746.97 1034-1100 M & W w/ SS mx & talks; noisy by ToH w/ mx & canned ID; f-p; 1/7. (Barbour-NH)
- 4754.75 **BRAZIL R. Imaculada Conceição** Campo Grande 0501-0507 M & W anc in PP; ID jingles; mx with W vocal; powerhouse 60dB signal; 12/12. (Parker-PA) 4754.49 0202-0210 M & W in PP; exc; 11/21. (Parker-PA)
- 4760 **LIBERIA ELWA** Monrovia 2239-2301 in EE/local lang; choir hymn-like songs w/ M b/w the selection; NA at 2301; off at 2303; just above threshold in quiet conditions; only able to get the ID from the NA; 1/2. (Taylor-WI) 0605 Gospel songs; fair w; CODAR; 1/5. (Dexter-WI) 0619-0649 First log of this station and the first log of Liberia since at least 2002 when I started keeping records. M anc in EE w/several IDs "This is ELWA Radio, Monrovia, Liberia"; many ments of listeners by name; birthday greetings; ments. of reception reports; freqs; & skeds; lots of Christian mx; S7/fair; 1/5. (Wood-TN) 4760 0746-0802 (P); Relg preaching in EE (mostly loud yelling & then into almost a singing sermon, sounded similar to an African-American church service); weak w/ CODAR QRM; 1/5. (Howard-CA) 2235-2242 Inspirational mx in EE; barely above floor; S3/Poor; 1/18. (Wood-TN) 4759.97 2225-2302* EE religious talk; choral mx; contemporary Christian music; s/off with NA.; poor in noisy conditions & CODAR QRM; 12/25. (Alexander-PA) 2305-0007* On late for New Year's; normal s/off time is 2300; also on late 12/24 w/ s/off around 2400; heard w/ EE religious talk; contemporary & local relg mx; closing announcements at 0002; s/off w/ NA; poor-weak in noisy conditions & CODAR QRM; 12/31. (Alexander-PA) 0705 religious vocals & instrumentals at tune-by; new xmtr put in a pretty good signal for this hour, but voice audio is still muddy; heavy QRN & CODAR; 12/30. (Berg-MA) 2235-2303* Local relg choral mx; contemporary Christian mx & Afropop style; closing announcements & NA at s/off; p-f w/ CODAR QRM; 1/11. (Alexander-PA) 4759.96 2123-2133 M w/ EE relg talks & U.S. based programs; fair w/ plenty of CODAR; 1/13. (Barbour-NH)
- 4770 **NIGERIA R. Nigeria Kaduna** 0445-0502 in vernacular w/ M speaking very slowly; extremely bassy audio; followed by rhythmic native mx w/ M vocal; in the clear with 70dB signal at t/ in; quickly dropped to 20dB; then back up to full strength at ToH; 12/4 (Parker-PA) 0610-0625 w/ multiple features; in the clear with very stable 35 dB signal; 12/9. (Parker-PA) 0445-0455 M announcer with EE nx and several mentions of Nigeria; mention of festivals in Nigeria; brief outage at 0450; still on at 0600 recheck; poor; 12/25. (Wood-TN) 0618 1/5/08 in EE; two M w/ lively talk b/w M & W; 0629 ID b/w chimes; W & M talk; f-p; 1/5. (Taylor-WI) 2206-2235 In EE w/ mx at 2206; several songs; M at 2227 w talk; ID & freq's into more mx; fair; 1/9. (Wilson-KY) 2201-2220 Pop mx mixed in w/ African tunes; S7/fair; 1/18. (Wood-TN)
- 4774.91 **PERU R. Tarma** Tarma 1112 M w/ ID; "...Radio Tarma..kilociclos...en el centro de ...". (Wilkner-FL)

- 4775 **SWAZILAND TWR** Manzini 0428-0445 EE/GG "Hark the Herald Angels Sing" at t/in; W with s/o announcements into M w/ inspirational talk; poor; 12/28. (Wood-TN) 0352 Announcements & choral mx mixing w/ CODAR; IS and "This is Trans World Radio Swaziland" ID loop at 0355; fair; 12/28. (Strawman-IA) 0403-0447(f/out) W hosting GG lang prg w/ short talks & inspirational vocals; ID & change of lang to EE prg at 0430; fair at t/in but rapidly deteriorating by 0430; 1/9. (D'Angelo-PA)
- 4777 **GABON R. Gabon** 0511-0545 M & W ancrs in FF; mx; talks; Enormous 80dB signal crushing CODAR; abrupt off at 0540 then resumes with aboriginal mx and W ancr at 0543; 12/1. 0508-0515 M & W ancrs in FF; rhythmic mx bridges; 90dB+ and fullquieting; 12/12. (Parker-PA) 0506; f-g w/ news in FF; 12/27. (Ronda-OK) 0538-0603 W b/w musical selections w/ FF talk & a few listener phone calls; passing mentions of Gabon; announcement over drums/native mx at ToH tho no discernible ID noted; f-g; 12/31. (Barbour-NH) 0500-0505 FF talk by M & W followed by pop mx; usually quite strong, but a bit weaker tonight with CODAR interference; SINPO 32333; 1/2. (Evans-TN) *0457-0516 Orchestra NA followed by W ancr in FF w/ station ID & opening announcements; W & M ancrs w/ freq announcements; nx at 0500; good signal w/ slight QRM from CODAR; 1/9. (D'Angelo-PA)
- 4780 **DJIBOUTI RTD** Doraleh 0315-0320 M ancr in vernacular; in the clear w/ huge 70dB signal; 12/21. (Parker-PA) 2045-2102* Horn of Africa mx; AA talk; s/off with NA; poor in noisy conditions & CODAR QRM; 12/28. (Alexander-PA) 1103-1116 (!!!-ed.) AA w/ ID & many mentions of Djibouti; station promos w/ mx interludes; S7/good; 1/12. (Wood-TN) 0410-0450 non-stop HoA style vocals w/ talk segment commencing at 0446 as the signal began to f/out; p-f w/ some CODAR QRM; 1/12. (D'Angelo-PA)
- 4780 **GUATEMALA R. Cultural Coatan** San Sebastian 0202-0214 M in SS w/ ancmnts over Wedding March; accordian mx w/ M vocal; armchair 60dB signal. 2345-2350 w/ M ancr & rancho mx; same strong signal; 11/26. (Parker-PA) 0115-0120 M ancr w/ mx bridges; louder than Ethel Merman trapped in a burning building; 12/15. (Parker-PA) 1346 Chipmunk-style singing in SS mixed w/ CODAR; 1/6. (Hauser-OK) *1129-1138 S/on w/ instrumental "London Bridge is Falling Down" & M in SS w/ ID, s/on announcement; brief mx at 1130 followed by ancr w/ relg talk; f-g; 1/17. (Barbour-NH) 1225 Nice clear signal w/ LA mx; S8/good; 1/18. (Wood-TN)
- 4781.417 **UNID** 1120-1125 strong carrier but no audio here; 12/30. (Wilkner-FL)
- 4790 **INDONESIA RRI Fak Fak** 1352 string of pop ballads; S6 signal under stronger CODAR; 1/5. (Strawman-IA) 1406 fair w/ pop vocals; present for a few minutes; long fades & then suddenly gone by 1415; tnx to Jerry Strawman for this tip; 1/5. (Ronda-OK) 1412 in Indo w/ pop-style ballad; fair; 1/5. (Taylor-WI)
- 4790 **PAKISTAN R. Pakistan** Rawalpindi 0317-0327 M ancr in listed Urdu.; no trace of R. Vision (Peru); 10dB signal was without QSB on a totally noise-free evening; would have been sweet except for the 23dB CODAR spikes; 12/6. (Parker-PA)
- 4790 **SAUDI ARABIA BSKSA** Jeddah 0455 M in AA w/ fast paced prayers; heavy sweeper QRM; poor; 12/25. (Wood-TN)
- 4790.2 **PERU R. Vision** Chicalayo 0321-0326 M loudspeaker preacher in SS; exc; 11/21. (Parker-PA) 1101-1113 Usual format of SS talk over mx; preacher w/ "live" sermon & occ. W talk over; poor w/ CODAR; 1/17. (Barbour-NH) 4790.15 0239 M in SS w/ usual preaching; 0419 many "hallelujahs"; extended period of preacher "speaking in tongues"; 0501 w/ preacher, choir & assembly in song; fair; 1/1. (Taylor-WI) 0620 emotional talk by W w/ usual preacher adding occasional words (testimonial?); applause into preacher talks; fair; 1/5. (Taylor-WI) 4790 0516-052 M ancr in SS followed by M loudspeaker preacher; W speaking & cheering; very loud 35dB signal; 12/12. (Parker-PA)
- 4796.4 **BOLIVIA R. Mallku** Uyuni 2344-2354 M w/ talk in SS; poor but readable signal; SINPO 22222; 1/11. (Evans-TN)
- 4800 **CHINA CPBS** Geermu 2339 M & W presenters were fair & would have been easy to follow except for S7 CODAR sweeps; 1/5. (Strawman-IA)
- 4800 **GUATEMALA R. Buenas Nuevas** 0125-0130 M & W in SS or vernacular w/ talks; clean signal audible through CODAR; 12/15. (Parker-PA) 4799.8 1257 in SS w/ pop style mx; 1300 ID; C. Am style mx; talk by M & W; f-p under CODAR; I haven't heard them in some time; 12/29. (Taylor-WI) 4799.8 1305 poor w/ SS talk & lively songs; not heard for quite some time; 12/29. (Ronda-OK)
- 4800 **INDIA AIR Hyderabad** 0110-0115 W in vernacular; light CODAR QRM; mostly readable; 12/9. (Parker-PA)
- 4800nf **MEXICO XERTA** (P) Per Dave Valko log last week 2350-0011 M & W w/ talk; Latin station been following for last few days; noted 1100-1120; poor noisy conditions with CODAR complicating logs; "Las emisora ...xxx..."; 1/1. (Wilkner-FL) 1100-1130 no IDs; possibly to move away from 4810 with its constant hash; alas the CODAR on this frequency is obnoxious.; every day in

- Jan so far. (Wilkner-FL) 0747 (P); heard very weak signal, w/ CODAR QRM, playing Christmas music, no announcements noted and only heard for brief time, as also reported by Dan Sheedy & Dave Valko; R. Buenas Nuevas (Guatemala) of course is usually around 4799.8; after the last two antenna changes that XERTA did, I was not able to hear them at all on 4810, so this is encouraging if it's them; needs better conditions to get more details; 12/30. (Howard-CA) 0107 (P); Wind instruments & SS choral mx; tnx D. Valko tip; poor under CODAR; 12/31. (Barbour-NH) UNID Checked late Dec 31, but nothing heard until 0011 Jan 1; mx & talk in uncertain lang; quite poor signal having a battle w/ CODAR; 0041 undermodulated W talk I could almost conclude was SS; believed to be XERTA; ex-4810; after months of silence; at least away from the hash next to 4810; 1/1. (Hauser-OK) 1248-1315 continuous light SS mx; no IDs or announcements heard; but audio was // to (though ahead of) the live audio feed on their website; had not been audible when I scanned past this freq around 1230; f-g w/CODAR QRM; 1/1. (Schiefelbein-MO) 0028 (P); W speaking in SS; gone by 0032; songs in SS at 0050 recheck; poor; 1/1. (Ronda-OK) 0511 (P); w/ a rapping thing; then nothing after 0513; severe CODAR; if they now have moved back to their original freq, what of the Guatemalan-unheard in a few days now? 1/3. (Dexter-WI) 2319 (T); in SS w/ M & W talking about mx; 2319 into mellow vocal; I've listened to this station a fair amount over ToH & BoH in the past week when audible; I've yet to hear an ID; 1/5. (Taylor-WI) 1255 (P); Pop/choral mx marred by weak audio & usual CODAR; poor; 1/12. (Strawman-IA) 1120-1130 Strong signal dominating CODAR; 1/14. (Wilkner-FL) 1159-1215 Continuous SS mx over CODAR; beginning to f/out by 1215; fair; 1/14. (Barbour-NH)
- 4814.99 **ECUADOR R. El Buen Pastor** 0225-0301* (P); SS talk & Ecuadorian mx; SS relig mx; jingles; abrupt s/off w/ no ID heard; p-f; 1/11. (Alexander-PA)
- 4815 **BRAZIL R. Difusora** Londrina 0033-0040 M anc in PP; news; 20dB signal; USB mode completely nulled ute QRM; 12/15. (Parker-PA) 0015 Long talk in PP that sounded political in nature; fair; 12/24. (Ronda-OK)
- 4820 **TIBET Xizang PBS** Lhasa 2358 Mandarin announcements; ID at 0000:30 into march-like anthem; followed by nx at 0001; f-g; 1/5. (Strawman-IA)
- 4824.9 **PERU LV de la Selva** Iquitos 0217-0225 W anc in SS; slow rlg mx with W vocal; fair; 11/26. (Parker-PA) 2145-2150 W anc in SS; fair; would have been better but CODAR was strong; 12/4. (Parker-PA) 4824.5 0441 with seeming SS vocals and talk; extremely weak; 12/25. (Dexter-WI)
- 4825 **PERU R. Sicuani** Sicuani (T); 1030 M w/ Quecha talk followed by W; poor; 1/12. (Taylor-WI)
- 4827.9 **INDIA R. Kashmir** Jammu 0313-0420 Excited W anc in vernacular; excellent long renditions of festive; aboriginal/ tribal mx featuring antediluvian percussion instruments and many voices (children, women, and M elders) singing; whooping; etc; in the clear; outstanding 40-50dB signal w/ premium audio; 11/22. (Parker-PA) freq drifting down? (ed.)
- 4828 **ZIMBABWE ZBC** 0116-0122 In (P) EE but could only make out carol-like singing w/ 1.5dB signal and 25dB CODAR peaks; 12/18. (Parker-PA) 0357-0420 (P); fair w/ non-stop high-life music & songs; 12/26. (Howard-CA) 0329 just a trace of them in a very noisy band; 12/27. (Dexter-WI) 0047-0105 continuous Hilife mx thru t/out; fair; 12/31. (Barbour-NH) 0315-0320 Continuous Afropop mx; poor but readable signal; (SINPO 22222); 1/12. Also monitored at 0415 on 1/10 with similar program and signal. (Evans-TN) 0438 Indigenous mx w/ M anc in lang; deep fades; S3/poor; 1/19. (Wood-TN)
- 4835 **PERU R. Maranon** Jaen 0145 Boisterous M anc in SS; song with W vocal; very lively format followed by traditional flute mx; canned ID by M & W; mx; fairly clear 5dB signal w/ light CODAR in background; 12/15. (Parker-PA) 2350-0005 W&M in SS w/ LA mx; freq announcements and station promos at ToH; deep fades and static; poor; 12/30. (Wood-TN) 0442 (P); even weaker than 4824.5-just occasional bits; 12/25. (Dexter-WI) 4834.93 1120-1131 SS talk; ID at 1122; short music breaks; p-f signal w/ CODAR QRM; 12/29. (Alexander-PA) 0155-0225 SS ballads & ID; weak-poor in noisy conditions; 1/5. (Alexander-PA)
- 4835 **MALI ORTM** Bamako 0640 Afropop mx in FF and vernacular; poor; 12/25. (Wood-TN)
- 4840 **INDIA AIR Mumbai** 0153-0213 Ancr in lang b/w numerous pop-like musical bits thru ToH; prg "Good Morning (Detail?)" , not sure about the last word, at 0206 w/ M & W; weak but surprisingly clear; 12/17. (Barbour-NH) 0156-0231 Almost continuous traditional mx (sarod, flute, tamboura) w/ W vocals; pips at 0230 & M w/ talk in lang (nx?); //4800 until 2000; fair; 1/1. (Comeau-MA) 1342 Don't often hear AIR on 60m here; S.Asian mx; W singing; later excited dialog; poor; still audible at 1358; AIR Mumbai is the only listed possibility. Not so much from Indonesia or China on band this morning. Repeat performance the next morning, Jan 7 at 1350. In Marathi, or Hindi? 1/6. (Hauser-OK)
- 4845 **MAURITANIA R. Mauritaine** Nouakchott 0050-0110 In (P) AA w/ Koran chants; M anc w/ ID & frequency; enormous signal; 11/21 (Parker, PA) 0500 M.Eastern mx with haunting vocals; fair; 12/25. (Wood-TN) 0236-0303 M in AA hosting what appeared to be a pop mx countdown

- featuring songs in both EE & AA; into announcers w/ vox effects over tinny stringed instruments from 0255 thru t/out; I don't monitor Mauritania regularly, but when I do I have never heard pop mx in any language; f-g; 12/25. (Barbour-NH) 0444 in AA; f-g; 12/25. (Dexter-WI) 0236-0355 (P); new 24 hr. schedule? M & W in AA w/ on-air phone calls; long segment of a type of chanting/singing; did not sound like the usual reciting from Qur'an; f-p; still on at 0421; also in passing at 0800; 12/26. (Howard-CA) 0625 R.Mauritania seems back up to full strength after missing a few weeks, or on but with low modulation per other reports; found 4845 w/ M vocal chants predominantly at a single pitch, shifting irregularly up or down a note; 0631 announcement by W & the chanter (or someone else?) speaking for a moment, then choral music; roughly same level as Chad 4905; However, Ndjamena is much further east than Nouakchott, by 31 degrees of longitude, so propagation from 4845 should hold up about two hours longer than 4905; Nouakchott is 16 degrees west long., which should really put it in the UT -1 timezone; it is further west than any part of Ireland, let alone Portugal, lines up with eastern Iceland; 12/27. (Hauser-OK) 0300 heard with good signal in AA; 12/28. (Howard-CA) 0245 good w/ African vocals; still good at 0450 recheck w/ talk in AA about events in Pakistan; 12/29. (Ronda-OK) 0716 On the air & still audible in AA; unlike Chad not on 4905; probably f/out by now; 1/2. (Hauser-OK) 0354-0525 Two M talking in AA right through ToH; noted again the next night around the same time; running 24 hours? f-g; 1/4. (D'Angelo-PA) 0011-0744 intermittent checking found them in AA; f-g; 1/5. (Howard-CA)
- 4845.2 **BRAZIL R. Cultura Ondas Tropic** Manaus 0130-0200* Excited M ancr in PP w/ cheering crowds; poss. soccer coverage; ID & info at 0151 followed by anthem; exc & in the clear; 50dB signal; 11/29. (Parker-PA) 0105-0115 mx w/ W vocalists; ike a local w/ rockcrusher 80-90dB signal; 12/5. (Parker-PA)
- 4857.384 **PERU R. La Hora** Cusco 2322 "en la patria....la Hora..."; 1/17. (Wilkner-FL) 4857.45 2334-2400 (P); M in SS; soon joined by second M; poor; SINPO 22222; 1/11. (Evans-TN)
- 4860 **INDIA AIR Delhi** 1221-1235 EE commentary re Sir Edmund Hillary; US & India nuke deal; W at 1225 w/ ID; prg sked; nx at BoH; p-f w/ bout of local QRM; 1/14. (Barbour-NH)
- 4885 **BRAZIL R. Clube do Para** Belem 0505-0540 M announcer in PP w/ echo FX; lots of ballads mixed in w/ dance club mx; poor; 12/25. (Wood-TN)
- 4895 **BRAZIL R. Novo Tempo** Campo Grande 0115-0130 M ancr in PP; ID jingle; slow rlg songs in EE w/ guitar & M vocal; piano & W vocal; 60dB signal in the clear; 11/21. (Parker-PA)
- 4895 **INDIA AIR Kurseong** 1530 Time pips then "News at 9" in EE; sports at 1543 & mention to check out nx on their website; headlines at 1544 UTC; usual tone at 1545; brief talk, very hard to understand, to 1546 tone; "Spotlight" prg re the quality of education; //5015 Delhi which was a millisecond ahead of 4895 kHz; URL at 1600; two freqs resume regular prgming of their own; both were fair; 1/13. (Delmage-AB)
- 4900 **CHINA Vo the Strait** Fuzhou 1415 (P); M & W talk definitely in CC; per Aoki this could only be Vo the Strait at 12-17; 50 kW at 140 degrees; axually in Amoy; 1/14. (Hauser-OK)
- 4905nf **CHAD RNT** 2219-2229* Lively highlife vocals & M ancr in FF; ID & s/off announcements at 2227 followed NA at 2228; f-g; 12/20. (D'Angelo-PA) 2225-2300* Ancr at t/in w/ FF talk b/w Afropops; switching to EE pop/rap mx after 2232; ID/NA at s/off; good; 12/22. (Barbour-NH) 0515-0520 This one has been coming in with a decent signal the last few days; 2 M in FF w/ general discussion; W w/ "Bon Matin" announcements into Afropop; this freq is not listed in PPWBR; S8/ fair w/ "drip" QRM; 12/26. (Wood-TN) 0605-0620 I've heard it too, no doubt, RNT reactivated on 4905; best 60m signal by far outside NAM; mostly talk in uncertain language, maybe part AA, part FF, with bits of mx; nothing resembling an ID heard; Mauritania might have competed if it were audible on 4845; furthermore the '4905' signal was a smidgin below frequency as others have reported minus 30-40 Hz or so; while I couldn't be precise to two decimal places, I could tell it was off, using the YB-400 simply by zeroing the BFO on WWV, and then stepping from 4905 up and down 1 kHz; the het at 4904 was noticeably lower in pitch than at 4906; 12/26. (Hauser-OK) 2334 on late w/ speech in (P) AA; long pause during which I could enjoy CODAR unobstructed; after a minute ancr called "alo?" & then talked on phone in FF to someone with gunfire(?) in background; No, he said the explosions were "feux d'artifice"; off at 0014 recheck; Brian Alexander says it went off at 0006; 12/31. (Hauser-OK) 0450-0455 Upbeat Afropop mx w/ short announcements by M in FF; moderate signal (SINPO 32332); heard here most nights usually w/ good signal; 1/2. (Evans-TN) 2239-2259 booming armchair signal w/ hilife mx (some hip hoppish & reggaeish mx mixed in) & animated M in FF; listened briefly around 2150 & CODAR provided interference; now gone; NA at 2258; off at 2259; 1/5. (Comeau-MA) 0447-0504 M w/ Afropops; listener call ins; pips and promos at ToH; S7/f-g; 1/5. (Wood-TN) 2109-2128 M w/ talk b/w brief vocal chorus bits; martial/anthem mx at 2122 followed by Hilife mx until signal blown out by local QRM at BoH; fair; 1/7. (Barbour-NH) *0426-0509 OC followed by orchestra NA at 0428; M opened the b/c w/ FF talk, ID & announcements at 0429; hilife vocals at 0432;

- txmission break around 0443 returning at 0450; fair; 1/12. (D'Angelo-PA) 1700 FF at t/in; still doing well at 1730 UTC; long path. (Delmage-AB) 0440-0502 M in FF w/ listener call-ins; disco & rap mx; heard Abba's Fernando & Dancing Queen in EE; S6/fair; 1/19. (Wood-TN) 4904.5 0447 just "there" with vocals; 12/25. (Dexter-WI) 4904.9 2316 M w/ talk in FF; program of live reports w/ initial ancr anchoring; 2325 speech; f-p; 12/31. (Taylor-WI) 0212 M w/ talk; ID: "Windy" on native instruments; W & M talk; very unusual sound & experience to hear a US pop song on Saharan instruments; f-p; 1/3. (Taylor-WI) 4904.97 0545-0605 in FF; Afropop; ToH gives phone number to call in; a few brief on-air phone calls; fair; 12/25. (Howard-CA) 0510 fair w/ studio chatter in FF & Afro-pop music; 12/27. (Ronda-OK) 2315-0006* On late for New Year's; normal s/off is 2228; w/ FF talk; Afropop mx; s/off w/ NA; vg signal; 12/31. (Alexander-PA)
- 4905 **BRAZIL R. Anhanguera** Araquaina 0000-0006 ID sequence at t/in; W & M in PP w/ just the M continuing; poor; 1/6. (Taylor-WI)
- 4905 **TIBET Xizang PBS** Lhasa 2346 Pop-style mx; listed 50kW; 1/5. (Strawman-IA)
- 4909.22 **ECUADOR R. Chaskis** Otavalo 1102-1116 SS ancrs w/ Buenos Dias b/w musical selections; nice signal at t/in; 12/22. (Barbour-NH) 1131-1145 (P); SS talk; short music breaks; poor in noise; 12/29. (Alexander-PA) 4909.24 1100-1120 flauta andina; excellent signal strength during a period of poor reception generally from Latin America at my location; 1/3. (Wilkner-FL)
- 4915 **BRAZIL R. Difusora** Macapa 0425-0430 M ancr in PP w/ LA pop oldies; huge 70dB signal; 11/21. (Parker-PA) (P); 0507-0540 Two M w/ W in PP w/ long discussions; many mentions of Macapa; rustic music; S5/poor; 1/5. (Wood-TN)
- 4915.15 **PERU R. Vision PBS** Chiclayo 1054 (P); M w/ usual preaching in SS; poor; 1/10. Also 0213 w/ preaching & cheering; 1/11. 1045 w/ preaching; fair; 1/12. (Taylor-WI)
- 4915 **USA WWCR** 2212 (mixing product?) M & W; Beatles "Imagine" w/ another preacher co-channel; both increased & one dropped out at 2220; significant het on freq; prg w/ Beatles was // 5070; I could not find the other // but it sounded like Pete Peters; heard on 2 radios; so not a receiver image; 1/3. (Taylor-WI)
- 4920 **INDIA AIR Chennai** 1344 Vocal mx w/ tabla; still in at 1405 recheck w/ apparent nx by M; fair; 1/13. (Strawman-IA)
- 4925 **BRAZIL R. Difusora** Taubate 0010-0015 M ancr in PP w/ mx; good; 11/27. (Parker-PA)
- 4925 **BRAZIL R. Educacao Rural** Tefe 0132-0138 PP mx w/ M & W vocals; good; 11/30. (Parker-PA)
- 4930 **BOTSWANA VOA** relay 0331 fairly good level despite CODAR QRM; 12/27. (Dexter-WI) 1540-1603 Prg "Hip hop Connection" (<http://www.voanews.com/english/africa/hiphop.cfm>); gives info about Studio 7 & contact info; ToH "African Service of V.O.A."; "Nightline Africa" prg(<http://www.voanews.com/english/africa/nightline.cfm>); slight CW interference; mostly fair; 1/5. (Howard-CA)
- 4935 **BRAZIL R. Capixaba** Vitoria 0607-0613 M ancr in PP; mx w/ W vocal; good; 12/1. (Parker-PA)
- 4939.72 **VENEZUELA R. Amazonas** 1055-1100 (P); Still picking up a badly distorted signal here, albeit on an irregular basis; SS mx & ancr at 1100; very poor w/ constant, rapid "chuffing" sound; unsure if a ute or part of the poor signal; 12/22. (Barbour-NH)
- 4940 **UNKNOWN VOA** site?? 0406 Fair in EE; //4930-Botswana; VOA ID at 0424; no VOA txmission listed on this freq/time in PWBR, EIBI, or Aoki; 1/5. (Ronda-OK) see below (ed.)
- 4940 **SAO TOME VOA** Pinheira 0436-0505 Tnx to Jim Ronda tip noted w/ VOA News ID at 0454 after long discussion prg; editorial at 0455 about Kurds, Turkey & Northern Iraq followed by "VOA World News Now" ID; into Hausa prg at 0500; f-g; //4930-poor; location presumed instead of listed 4960 which was unheard; 1/5. (D'Angelo-PA)
- 4939 **VENEZUELA R. Amazonas** Puerto Ayacucho 0450 (P); Up tempo LA music; poor w/ occasional fade-up; running past 0500; 12/25. (Dexter-WI)
- 4950 **ANGOLA R. Nacional** Mulenvos 2320-2330 In PP w/ pop mx & M talk; poor, just above noise.; checked again at 0310 & 0340, same prg w/improved signal (SINPO 23222); hear this station only 1 or 2 times per year; 1/11. (Evans-TN) 4949.97 0140-0200 Mostly PP pop mx; some Afropops & PP talk; canned "Radio Nacional" IDs; f-g; stronger than usual; 1/12. (Alexander-PA)
- 4950 **PERU R. Madre de Dios** Puerto Maldonado 1130-1150 Weak signal in SS; 1/3. (Wilkner-FL) Similar at same UTC; 12/31. (Wilkner-FL)
- 4950 **CHINA Vo Pujiang** Shanghai 1157-1212 (P); Lite instrumental mx at t/in; ancr in Mandarin over mx at ToH; various ancrs b/w musical bits thru t/out; poor under band QRN; 1/5. (Barbour-NH) 1305 (P); East-Asian pop mx w/ DJ commentary in Mandarin b/w songs; a couple of breaks that sounded like they may have been ads; weak signal in the noise; poor; 1/5. (Schieffelbein-MO)

- 4960 **SAO TOME VOA** Pinheira 0425-0434 M & W ancrs in FF; in the clear w/ armchair copy; 35dB signal; 11/29. (Parker-PA) 0419-0427 M ancr in Hausa interviewing another M via telephone; 60dB w/ slight QSB & in the clear. (Parker-PA) 0451-0510 VOA World News Now w/ EE language features followed by Hausa language program at 0500; fair; 12/28. (D'Angelo-PA)
- 4965 **ZIMBABWE CVC-Voice Africa** Lusaka 0213-0220 W ancr in EE and inspirational mx; good; 11/29. (Parker-PA) 0104 Songs; good; 12/27. (Bernardini-Italy) 0245-0324 ID: R. Christian Voice; prg in EE; mostly non-stop relg singing into preaching; fair; also 0422-0433 strong reception w/ relg songs; info where to get bibles in Lusaka & preaching; promo "Good morning, good afternoon, good evening, anytime is good for listening, 24/7"; 1/4. (Howard-CA)
- 4974.74 **PERU R. del Pacifico** Lima 0500-0530 On late w/ impassioned religious message by M; strong signal; 12/25. (Wilknor-FL)
- 4975 **UNID 0503** Extremely weak w/ various vocals; possibly in SS so possibly R. del Pacifico; unnoted here in several years; 12/25. (Dexter-WI)
- 4976 **UGANDA R. Uganda** Kampala 0215 vernacular/EE w/ deep voiced M taking many phone calls in rapid succession over rap/pop mx; answered phone w/ "Yes Hallo!" and concluded most calls w/ "Bye Bye" & "Good Morning"; callers greeting ancr w/ salutations; into reggae-style mx at 0235 & back to callers w/ "Wake up! Wake up!"; more mx and "You are listening to UBC Radio" ID at 0312; no mistaking the ID of R. Uganda as they played about five different canned IDs & jingles in EE; sounded like a local w/ incredible 60-70dB signal in the clear all evening; 12/5. (Parker-PA) 2100-2108* Native mx w/ M talk over in lang until pulled the plug mid-sentence; poor w/ CODAR; 1/2. (Barbour-NH) 4975.95 0357-0415 Hilife mx ToH anthem, nx in EE w/ items about Nairobi, Uganda [the recent changes in prices] & sports nx; ID: "You are listening to the nx on R. UBC, Kampala", nx ended w/ "main points again" & anthem; p-f; a rare treat for me to hear this; an excellent day for African reception; 1/4. (Howard-CA)
- 4980 **CHINA Xinjiang PBS** Urumqi 0004 M & W in listed Uighur w/ fast paced delivery of possible nx; fair but CODAR louder; 1/6. (Strawman-IA)
- 4985 **BRAZIL R. Brasil Central** 0020-0027 M ancr in PP and PP version of "Candida"; mx in EE "Lonely Nights" (sounded like Paul McCartney); ad featuring mx clips "When a Man Loves a Woman"; "Hallelujah Chorus" and others; 80dB signal punching through strong CODAR; 11/27. (Parker-PA) 0012-0015 w/ Rolling Stones "Angie"; good; 12/2. (Parker-PA) 0030 religious songs; fair; 12/27. (Bernardini-Italy) 0634-0640 PP mx that sounded quite a bit like Spike Jones; ID at 0638; S5/fair; 12/31. (Wood-TN)
- 5000 **USA WWV/WWVA/Observatorio Cagigal** Venezuela 0207 in EE/SS time services w/ all three giving the time; nearly in sequence; WWV strongest; WWVA next; Cagigal least; weird time pips; 1/5. (Taylor-WI)
- 5000 **VENEZUELA YVTO** Caracas 0525-0535 M in SS repeating "Observatorio Naval Caligal, Caracas, Venezuela" ID & time at top of each minute; very bit as loud as VOW (???-ed.) w/ strong 15dB spur on 4900; 12/12. (Parker-PA) 0142 Venezuelan time station heard under co-channel WWV w/ "Observatorio Cagigal, Caracas Venezuela" IDs mentioned twice, followed by local time, each minute; fair listening in ECCS-USB; 12/26. (Barbour-NH) 0516-0522 (T); In SS w/ rapid fire announcements a few seconds ahead of WWVH which covered most of the announcement; I couldn't hear any of their tones; poor; 1/19. (Wood-TN)
- 5005 **EQ. GUINEA R. Nacional** Bata 2240-2259* Continuous Afropops until NA at 2258; poor; 12/18. (Barbour-NH) 0625-0632 SS pop mx in the 1950s do-wop style; QRN from WWV; S7/fair; 12/31. (Wood-TN) 0330 W in SS; mx (contemp. rather than folk); burst of digital QRM (like a time signal ticking) at 0335; 1/1. (Taylor-WI)
- 5015 **INDIA AIR Delhi** 1312 Ethnic vocals were fair; 1/13. (Strawman-IA)
- 5015 **PERU R. Horizonte** 1214-1302 In SS w/ mx and talk by ancr-kind of mellow; 1257 band type mx; 1300 fanfare b/w M ancr; ID: "Horizonte, Peru"; poor; 1/5. (Taylor-WI)
- 5025 **BENIN ORTB** 2340 On late for NYE beyond normal listed 2300*; unfortunately, it was for naught, as all it did was QRM Cuba w/ a fast SAH & some audio; 12/31; also 0023 & 0038; 1/1. (Hauser-OK)
- 5025 **CUBA R. Rebelde** Habana 0525-0532; SS pop mx; vg signal; no static; S9+20/vg; 12/26. (Wood-TN)
- 5030 **BURKINA FASO R. Burkina** Ouagadougou 2349-0002* M ancr in FF w/ listener phone calls; ID & musical selection intro at 2251 followed by lively FF lang vocal by M; another phone call at 2257 w/ ID & s/off announcement at 0000 followed by NA; vg signal; 12/22. (D'Angelo-PA) 0001 Normally runs until 0000*; in FF w/ RTB's resolutions to serve the public; 0003 choral hilife singing group; still on at 0023 & 0038 chex; 1/1. (Hauser-OK) 2136-2205 M & W in FF; Afropop; 2200 ID; talk by M; 1/3. (Taylor-WI) 2240-2245 M & W in FF; moderate signal strength w/ usual interference from R. Rebelde-5025; SINPO 32332, (Evans-TN) 2352-0001* Hilife mx;

- s/off announcement in FF; EZL mx till off; F-g; 1/4. (Howard-CA) 0549-0603 M ancr in FF w/ Afropop; into nx at ToH; heavy QRM from R. Rebelde which completely covered the signal at 0603; poor; 1/5. (Wood-TN)
- 5039.21 PERU R. *Libertad* Junin 1130-1135 F/out but can copy M w/ ments of locations in Peru and one telephone number; 1/3. (Wilkner-FL) 1030 M w/ ID; 12/31. (Wilkner-FL)
- 5040.5v BURMA R. *Myanmar* 1140-1150 w/ weak audio; generally here 365 days a year; Note: Believe BBC uses the term Burma as does the opposition to the military dictatorship. (Wilkner-FL) 5040.61 1152-1206 W ancr b/w "wailing" vocal ballads & flutes; wind instruments at 1200; M until music returns at 1205; poor under band noise and het presumably from 5039v-R.Libertad; 12/24. (Barbour-NH)
- 5045 BRAZIL R. *Globo Santos* Guaruja-Paulista (T) 0534-0545; Slow tempo Latin/PP mx; mostly the bass line was punching through the noise floor; S5/poor; 12/26. (Wood-TN)
- 5045 UNID 0515 w/ bits of music & occasional voice; Radio Globo Santos recently reported here; 12/25. (Dexter-WI)
- 5050 CHINA *Guangxi PBS* Nanning 1101-1115 W ancr in Mandarin thru t/out; poor as was //9820; 12/31. (Barbour-NH)
- 5120.24 PERU *Ondas del Suroriente* Quillabamba 1030-1050 en el pais cuarenta nueve; strong signal w/ flauta andina, yipping and general exotic content; 12/31. (Wilkner-FL)
- 5446U USA *AFRTS* Key West,FL 0758-0808 EE ID as "AP News"; talk of slumping US housing market; PSA for military finances; into "Sports Overnight America" program; good; 12/29. (Wood-TN)
- 5486.646 PERU R. *Reyna de la Selva* Chachapoyas 1125 Noted w/ lively mx; exc; 1/15. (Wilkner-FL)
- 5580.2 UNID 1130 Harmonic w/ M in SS but noted only 12/31. (Wilkner-FL)
- 5745 USA R. *Marti* Greenville 1250-1300 In SS w/ "Ray Charles mx & Commentary"; S-10; excellent; 12/25.(Ferrioli-PA)
- 5770 BURMA *Myanmar Defense Forces BC* Taunggyi 1525-1529* (P); in vernacular w/ pop Asian song; brief s/off announcement; usual indigenous instrumental music played for a few seconds at s/off; poor; 12/29. (Howard-CA)
- 5815 LITHUANIA *VOIRI* 1437 Per Aoki this is VOIRI-Iran in RR via Lithuania 100 kW at 79 degrees; something you really don't expect to hear on 50+ meters at this hour, but there have been some other reports of this from C&W NAM; from 1527-1530 they make a beam switch to 259 degrees for R. Racja from Poland to Belarus; fair/fluttery; 1/9. (Hauser-OK)
- 5860 CHINA *VO Jinling* 1211-1221 (P); Instr mx at t/in; ancr in Mandarin at 1216; mx resumes at 1217 thru t/out; poor w/ co-channel het via R.Farda-Kuwait that quited down over time; 1/17. (Barbour-NH)
- 5875 UNITED KINGDOM *BBCWS* Rampisham 0600-0630 "World Nx" in EE; S-1,3; fair; 12/12. (Ferrioli-PA)
- 5900 RUSSIA *IBRA R. True Light* Petro-K 1213 W in Mandarin; still on w/ M speaker at 1243; fair; 1/5 (Ronda-OK)

This month's front cover celebrates the 30th Anniversary of Sam Barto as QSL Editor and Bill Oliver as Publisher. They both started at these positions with the February 1978 issue of FRENEX (remember that?). Before that Sam was a Log Report Editor and Bill was the QSL Report Editor. Sam's 2008 photo was cropped from one showing his catch on a fishing trip. Unfortunately there wasn't enough room for the fish as it was rather large. As you can see from the photos, Sam has aged much better than Bill, probably because he doesn't have to contend with the post office losing Journals. We had a unique occurrence recently when both a Journal and a renewal notice card were returned to Levittown marked "Forwarding order expired". This isn't unusual...except that this member hadn't moved. Things like this will age a person quickly.

Please use the Company Store Page on page 56. The one on the back cover is not correct. Sorry about that.

International Band Loggings

Wallace C. Treibel • 357 N.E. 149th Street • Seattle, WA 98155 • nwhikers@msn.com

- 5900 **RUSSIA V of Russia** Moscow in SP 0100, IS, ID, fgy, sked, ment Kosovo, f (McGuire MD 12/14)
- 59524v **BOLIVIA R Pio Doce** in SP 1020, interview, time pips, QRM from WYFR (Wilkner FL, Barbour NH)
- 5960 **TURKEY V of Turkey** in EG 2300, IS, ID, fgy, sked, website, ment Kazakhstan (McGuire MD 12/13)
- 5960 **CANADA China R Int** relay via Sackville in EG *0500, "In the Spotlight" until 0600 w/interesting commentary re the lives of military personnel within China, exc (Ferrioli PA 12/5)
- 5960 **RUSSIA R Tikhly Okean** via Vladivostok in RS *0935-1000*, ID, cmntry w/phone interviews, folk type songs amid further cmntry, s/off w/no formal closing, p-f (Schiefelbein MO 12/19)
- 5975 **FRENCH GUIANA BBC** relay in EG 2235, ID, business nx, tlk on acctg fraud (Bauernhuber NY 1/8)
- 5995 **MALI RTVM Bamako** in FR 2315-0001*, Afro-pop music, s/off w/NA, p-f (Alexander PA 12/22)
- 6005 **ASCENSION ISLAND BBC** relay in EG 0514, "World Briefing", ID, nx 0530, f (D'Angelo PA 1/5)
- 6005 **RUSSIA V of Russia** relay via Vladivostok in EG *0730-0803, jazz vocals from a recent Moscow jazz festival, abrupt s/on with no announcements, weak, //9590 g (Howard CA 12/26)
- 6010v **COLOMBIA HJHD LV de tu Conciencia** in SP/EG 0719, lite vocals/instrumentals, brief EG religious message, quick ID in EG, more amx, full ID in SP 0739, talk in SP, lite QRM (Berg MA 12/30)
- 6010 **MEXICO XEOI R Mil** in SP 1350, SP tunes, ID, news, heavy echo effect, f (Schiefelbein MO 12/8)
- 6025 **DOMINICAN REPUBLIC R Amanecer** in SP 0307-0403, sermons, songs, Xmas carols, occasional ID jingles, strong S-9+ signal, lite adjacent chan QRM, f-g (Schiefelbein MO 12/17)
- 6040 **CANADA China R Int'l** relay in EG 2301, ID, news reports w/ment of PM Putin, g (McGuire 12/19)
- 6065 **CHINA CNR-2 China Business Radio** Beijing in EG 1301-1400, ID "This is English Evening on China Business Radio", business nx, "BBC Learning English", mx, f, many //s (Howard CA 1/10)
- 6070 **CHILE CVC International** Santiago in SP 0607, up-tempo version of "Come All Ye Faithful" and into contemporary Christian music, ID (Wood TN 12/25)
- 60802v **BRAZIL R Novas de Paz** Curitiba in PT 0845, local ballads, talks, f, //9515 (Alexander PA 12/29)
- 6110 **CANADA R Japan** relay in EG *0500, IS, pips, TC, ID, political news, g (McGuire MD 12/16)
- 6115 **ROMANIA RRI** in EG 0431, talk re Romanian consumers and their views, ID 0437, song performed by a Romanian choir, f-g (Wilson KY 12/22)
- 6120 **SINGAPORE R Nederland** relay in Indonesian 2310, EG Xmas carols b/w commentary, ID, p-f with //s on 7380 and 9895 (Schiefelbein MO 12/16)
- 6120 **SINGAPORE R Singapore Int.** in Maylaysian 1103, nx, mx, IDs, talk, p-f (Barbour NH 1/7)
- 61348v **BOLIVIA R Santa Cruz** in Quecha/SP 1000, ad string, sounds of cows, many mentions of Santa Cruz, Bolivian music, strong signal (Alexander PA 12/29) ED: only 10 kw transmitter.
- 6155 **GERMANY V of Russia** relay via Wertachtel in EG 0300-0430, "News and Views", Musical Tales, Moscow Mailbag w/Olga and Carl, exc (Ferrioli PA 12/22) in EG 0305, ID, news, f (McGuire 12/20)
- 6160 **CANADA CKZN** St. Johns, Newfoundland relaying MW CFGB in EG 2212, roundup of world news, weather forecasts, short tech difficulties, muzak, rejoining CBC programming, p (Schiefelbein MO 1/1)
- 6165 **CROATIA V of Croatia** Deanovec in EG/Croatian 0700, three minutes of EG nx, IDs, sked, then into Croatian lang 0704, local mx, //9740 Germany relay, f (Alexander PA 12/31)
- 6180 **CUBA R Mac Venezuela** relay via Havana in SP 1001, IS, ID, postal and E-mail addresses, names of station personnel, strong at t/in but faded and mixed w/Brazil? (Berg MA 12/30)
- 6225 **TAJIKISTAN WYFR Family Radio** relay via Dushanbe in EG 1406, easy-to-recognize voice of Harold Camping holding forth w/ callers on Bible-related topics, muddy audio, f (Schiefelbein MO 1/5)
- 6240 **MOLDOVA V of Russia** relay via Kishinev in EG 2310, news items w/martial mx bridges, feature on economic relations b/w Moldova/Russia, f (Fraser ME 12/20) in EG 0300, IS, ID, nx (McGuire 12/16)
- 6250 **EGYPT R Cairo** in EG 2155, feature about postage stamps, IDs 2204 and 2231, g (Field MI 11/14)
- 6265 **LITHUANIA The Mighty KBC** in EG 2158, song Africa by ToTo, ID, mx by Aerosmith, Beach Boys, Beatles etc. f-g (Wilson KY 1/6) ED: Not a pirate station - it is sponsored by world-wide Belgian bank
- 6985 **ISRAEL V of Israel** Tel Aviv in EG 1830, feature on proposed Hamas limited truce w/ Israel, f, //7545 and 9345 (Fraser ME 12/22)

- 7115 **SERBIA *International Radio Serbia*** via Bijeljina in Serbian/EG 0028-0229*, apparent reactivation of Bijeljina relay, YL w/talk and music, in Serbian 0030-0100 and 0130-0200, in EG 0100-0130 and 0200-0229, IDs at start of each segment following IS, good signal w/moderate fading (Evans TN 12/21, Wilson KY 1/7, Hauser OK 1/1, D'Angelo PA 1/4)
- 7160 **IRAN *V of Justice*** Sarjan in EG 0144, news mostly about Iraq, casualty count, US politics, Pakistan, feature "Iran's Parliamentary Spokesman Remarks", impressive signal, //6120 (Hauser OK 1/1)
- 7190 **TUNISIA *RTV Tunisiense*** Sfax in AR 0610-0647, IDs, ments of Tunis and Tunisia during news pgm, bird chirps at 0636, brief traditional mx and more news (Comeau MA 1/1, Wilson KY, Hauser OK)
- 72749v **NIGERIA *R Nigeria*** Abuja in EG 0655-0735, talks re politics and Dept of Education, ID BoH, AR-like music, f/p (Barbour NH, Alexander PA)
- 7325 **LITHUANIA *R Vilnius*** Sitkunai in EG 2340, report on the Lithuanian language dictation test which seems to be a major national literacy test, mailbag w/familiar music bed running which was nice but not necessarily for SW intelligibility (Hauser OK, Schiefelbein MO)
- 7370 **MOLDOVA *Radio PMR Pridnestrovye*** relay via Kishinev in EG/FR *1500-1545*, usual ticking clock opening, instrum'l mx, newscast, into FR pgm'g 1515 and GM 1530, p-f (D'Angelo PA 12/18) in GM 1635-1645*, news, ID, website, contact info at s/off, f (Barbour NH 12/20) in EG 1450-1517, history of the Moldova/Pridnestrovye armed conflict in 1992, addresses, sked, clock ticking (Howard CA 1/2)
- 7375 **COSTA RICA *University Network*** via Cahuita in EG 0442, Mrs. Scott w/talk re shortwave still being a good medium for spreading the Gospel, into more sedate sermon, g (Wood TN 12/15)
- 7400 **BULGARIA *R Bulgaria*** in EG 2210, wx forecast, ID, mx, rpt on European Union (McGuire 12/18)
- 7440 **UKRAINE *RUI*** Kharkov in EG *0057-0205, instrum'l mx before IS 0059, ID, news, series of Xmas vocals in anticipation of the Orthodox Christmas, "Close Up" feature. f-g (D'Angelo PA 1/4) in EG 0116, "Close Up"- new female premier elected, quality mx, reactivated fqy, g (Hauser OK 1/1)
- 7545 **ISRAEL *Kol Israel*** Tel Aviv in EG/FR 0430, news, talk re traffic deaths in Israel, ment Basque terrorists, ID, into FR service 0445, g (Wood TN 12/15) in HB 2047, cmntry, pop mx Western style, shalom, pips, news (Ervine TX 12/29) in EG, news re Middle East peace agreement, speech by Bush, exc (Parker PA 11/29) in EG 0430, pips, ID, economic nx, mention Hamas, g (McGuire MD 12/16)
- 7811usb **USA *Armed Force Network*** relay via Key West, FL in EG 0502, sports talk re professional basketball and hockey in the US and Canada, g (Wood TN 12'15)
- 9290 **LATVIA *R Casablanca*** relay via Riga in GM 1233-1302, pop mx and ballads, IDs at 1237 and 1257, into "Latvia Today" at 1300, f (Barbour NH 1/5)
- 9330 **SYRIA *R Damascus*** in AR/EG 2108, AR mx/talk, anthem? 2112, EG news, p (Barbour NH 12/20)
- 9335 **NORTH KOREA *V of Korea*** Kujang in EG 1500-1557, news, cmntry first half hour, operatic and military music, several IDs, closedown w/IS and another ID (Ervine TX 1/8)
- 9425 **INDIA *AIR*** Bengaluru (formerly Bangalore) National Channel in HD/EG 0021-0041*, subcontinental music, pips at 0030, news, ID and news bulletin in EG (item about Indian leaders and s tribute to Sir Edmund Hillary, etc., g (Howard CA 1/12)
- 9465 **EGYPT *R Cairo*** in EG 2305, "Tourism News", ID 2311, mailbag, music pgm, vg (Delmage AB 1/12)
- 9500 **UZBEKISTAN *CVC International*** via Tashkent in HD 1210, HD vocals hosted by YL, talks, IDs 1221 various postal mail addresses, g (D'Angelo PA 12/23, Barbour NH 12/17)
- 9510 **BULGARIA *IRRS*** relay in EG 1215, religious pgm w/doomsday scenario re EMP's and nuclear war, IRRS contact info 1230, p (Barbour NH 12/9)
- 9520 **CHINA *Nei Menggu Hohhot*** PBS in CH 2351, CH pop tunes, time pips, ID 0000. newscast(p), f-p, no QRM from missing Sackville relay of R Nederland this date (Schiefelbein MO 1/10)
- 9550 **CUBA *RHC*** Havana in EG 0516, talk on oil producing and refining countries in Latin America and the Caribbean w/decidedly pro-Venezuela view, item re Latin American film festival, vg (Wood TN 12/15)
- 9550 **VIETNAM *V of Vietnam*** Hanoi in EG 2030, news, mx break, "Events of the past week in Vietnam", VT classical music, vg (Delmage AB 1/12)
- 9565 **GERMANY *VOA*** relay via Biblis in Pashto/Dari 1523, talk by OM, bridge of exotic sounding music, news w/EG sound bites translated into Dari(p), f (Taylor WI 1/5)


- 95993v **MEXICO XEYU** Radio UNAM Mexico City in SP 1510-1544, non-stop instrum'tls, ID, talks, p-f w/ deep fades (D'Angelo PA 1/5) in SP 1330 w/news relay for about 10 minutes, g (Hauser OK 1/10) in SP 1632, upbeat and chatty announcers taking phone calls, mx bridge, IDs (Schiefelbein MO 1/12) in SP 0600, ancm'ts, ID, classical mx, f-g in the clear (Alexander PA 1/13) in SP 0902-0934, classical piano mx, no ID noted, f w/deep fades (Barbour NH 12/3) in SP 0539-0606, great pgm of classical mx and Italian opera, ID, fqy at 0600 and into classical guitar mx (Wood TN 12/15, Bernardini ITALY)
- 9675 **BRAZIL R *Canção Nova*** Cachoeira Paulista in PT 0614, prayers accompanied by guitar mx, LA music partial ID 0752, f (Wood TN 12/25)
- 9690 **INDIA AIR** Bengaluru in EG 1420-1450, OM w/commentary, YL w/interview, ID, into mx, signal was fair w/muddy audio, only able to pick out words here and there (Wilson KY 12/26)
- 9705 **NIGER LV du Sahel** Niamey in FR 2205-2301*, talk, variety of FR pop ballads, Afro-pop mx, phone calls, Koran at 2225, IS on flute, choral NA, p (Alexander PA 12/25)
- 9745 **SOUTH AFRICA TWR** relay via Meyerton in Hausa 1847, banter, native mx, several mentions of Radio Elwa (pronounced El-Eh-Wah), TWR jingle, talk in Kanuri, f (Barbour NH 1/5)
- 9765 **NEW ZEALAND RNZI** in EG 0730, "Mailbox" w/David Ricquish looking at broadcasting on both Christmas Islands, multi-lingua greetings from listeners, song by Honolulu Boys Choir (Park HI 12/24)
- 9810 **CHINA CNR-2 China Business Radio** Xi'an in EG/CH 1200, time pips, ID in EG, followed by talks in CH, fair, weaker on //6065, 6090, 7315, and 7375 (Alexander PA 12/29)
- 9970 **BELGIUM RTBF International** in FR 2144-2305, FR pop mx to 2200, newscast?, talk show, strong QRM from co-channel WEWN after 2200, f (Schiefelbein MO 1/5)
- 11092usb **ST. HELENA Radio St. Helena** in EG 1735-0100*, Annual Radio St. Helena Day a one day broadcast on 12/15 with different transmission targets throughout the day, phone-ins from listeners re quality of reception, acknowledgement of SWL listeners' reports, lots of talks, multi-language IDs, TCs, message from the Governor of St. Helena in EG and FR, E-mail address, phone #, lots of pop recordings, s/off w/"We Wish you a Merry Christmas" and NA 0100, occasional QRM (Hauser OK, Parker PA, Delmage AB, Herr CA, Wood TN, Schiefelbein MO, Taylor WI, Ronda OK, Strawman IA, Evans TN, Barbour NH)
- 11680nf? **CUBA R Nacional Venezuela** relay via Havana in EG/SP, 1515, rare and unpredicable EG program re Belarus and President Lukashenko's visit to Anzoategui (a state in Venezuela) and how Venezuela and Belarus are such good friends, translation was too literal and heavily accented, back into SP language at 1521 w/song about "Madera preciosa (Hauser OK 12/17)
- 11735 **TANZANIA V of Tanzania Zanzibar** in EG/SH 1826-1907 and 1956-2031, OM w/talk, prayers, and tribal drums in first listening segment, Second segment consisted of Afropop, Middle Eastern, and Tango music. Both segments had several IDs as "Radio Dar Es Salaam", f-g (Wood TN 1/18)
- 11965 **LIBYA V of Africa** Sabrata in Hausa 1905, news mentioning several E African countries, music, ID at 1911, into talk re Africa, vocal music at t/out, g, //11860 f (Barbour NH 1/5)
- 12040 **ECUADOR HCJB** Quito in GM 2258, s/on annc'm'ts, pips, IS, ID, mention of several time/frequency combinations in various languages, vg (Wood TN 12/27)
- 13580 **CZECH REPUBLIC R Prague** in EG 1400-1439, "Travel Log via Train and Foot by Two Men in Surrounding Countries Over a Period of 19 Days" feature by OM, vg (Ferrioli PA 12/26)
- 13590 **ZAMBIA CVC International** Lusaka in EG 1820, "Best of 2007" and "The Edge" w/usual banter, pop music and CVC promos, f-g Barbour NH 1/5) in EG 1952, pop religious music w/short announcem'ts, ID at 2200, news by YL, f-g (Evans TN 1/5)
- 13680 **CUBA R Nacional de Venezuela** relay in SP/EG 2300, ID, sked, ID, news, g (McGuire MD 12/18)
- 15140 **OMAN R Sultanate of Oman** in EG 1427-1500, pop music, chimes/gong and ID at 1429, into news at 1430, continuous US pop mx from 1439-1500, into AR 1500 (Barbour NH 1/2, Alexander PA 1/12)
- 15240 **SWEDEN R Sweden** Horby in SW 1350, interview w/local 'Music Band Members' re the 'Pop Music Culture' in Sweden, local weather report and s/off, exc (Ferrioli PA 12/6 while in CT)
- 15250 **CUBA R Nacional de Venezuela** relay in EG/SP 2303-2357*, promo on coming broadcasts, some "Informative Short News". about 20 minutes of untranslated SP programming, resumption of EG just long enough to introduce a segment of music tunes, then back to SP until s/off, no wonder their EG broadcasts are so easy to miss, f-g (Schiefelbein MO 12/20)
- 15400 **ASCENSION ISLAND BBC** relay in EG 2223, pgm dealing w/energy conservation in the manufacture of autos, also discussion about the future of hybrid vehicles, g (Wood TN 12/27) in EG 2000, pips, ID, website, report on steroids, g (McGuire MD 12/13)

- 15775 **MOROCCO VOA** relay in EG 1721, "Studio 7", ID and local time, reports about Zimbabwe events such as a political rally, church news etc, radio drama "The Bridge", f-p (Howard CA 1/13)
- 17725 **LIBYA V of Africa** Sabrata in EG 1528, ID as "The Voice of Africa from the Great Jamahiriya", into Western pop mx, African news w/musical bridges (Wilson KY 1/13, Fraser ME 12/21)
- 17770 **SOUTH AFRICA Channel Africa** in EG 1514, song, ID, "African Digest" feature (Fraser ME 12/21)

Clandestine/Opposition Stations

- 7540 **MOLDOVA V of Mesopotamia** (Iraq) relay via Kishinev in Kurdish 1845-1946, non-stop Kurdish mx until 1900 ID, phone interviews by OM, return to Kurdish mx 1936, f (D'Angelo FCDX-PA 12/17)
- 9250nf **EGYPT Radio Wadi el Nile (Nile Valley Radio)** 2235, music, OM singing Middle Eastern songs, singing/chanting at 2253, ID(p), f-p (Mitchell NC 1/12) ED: Program of the National Radio of Egypt that targets Sudanese immigrants.
- 9825nf? **SLOVAKIA Miraya FM** relay in EG/AR *1457-1608, s/on w/ African music, pips, ID, news at 1500, vocal and talk, vp in noise & co-channel QRM (Alexander PA 1/5, D'Angelo PA 1/5)
- 11610 **MADAGASCAR R Voice of the People** (Zimbabwe) relay in EG 1744-1755*, reports about the agricultural disaster in Zimbabwe, drum music, other news features about Zimbabwe, lots of IDs, postal and E-mail addresses at s/off, f (D'Angelo PA 1/6)
- 15655 **USA V of Biafra International** via WHRI Furman, SC in EG 2002-2058*, IDs, "You are tuned to the Voice of Biafra International broadcasting to you from Washington, DC and transmitting on 15.67 (sic) megahertz frequency in the 19 meter band bringing you matters of interest to Biafra", features about Biafra and music in local language, f (D'Angelo PA 12/28)


Digital Reception

- 9750 **UNITED KINGDOM Radio Prague** relay via Rampisham in EG 1240, pulled data stream info and "Radio Prague" ID but signal too weak/unreliable for actual audio, Listed as 35 kw. to Europe on Fridays and Saturdays only (Schiefelbein MO 12/21) 

Company Store

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

The 2008 WRTH has arrived at the Company Store and all the pre-orders have been shipped. The 2008 Passport to World Band Radio was a hot seller last month and we have them and all the other publications in stock. Check out our full listing on the back inside cover and support your club by making your next purchase from the Company Store. I hope to see you all next month in Kulpville, PA at the 21st Winter SWL Fest. It's a really good time for sure!

Peace and Good DX. Jim 

N4SWeb

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

William E. Oliver

From: "Glenn Hauser" <wghauser@yahoo.com>
To: "Bill Oliver" <weoliver@comcast.net>
Sent: Friday, January 25, 2008 1:36 AM
Subject: World of Radio for Feb Journal, another try

WORLD OF RADIO SHORTWAVE SCHEDULE EFFECTIVE JANUARY 25, 2008
Days and times here are strictly UT.

Note: WRMI** times are subject to change, 'semi-permanent'

Thu 0700 WRMI 9955**
Thu 1530 WRMI 7385
Thu 1600 KAIJ 9480 [off air but may be webcasting]
Fri 0030 WBCQ 7415
Fri 0730 WRMI 9955**
Fri 1200 KAIJ 5755 [off air but may be webcasting]
Fri 1200 WRMI 9955**
Fri 2130 WWCR1 15825
Fri 2330 WBCQ 5110-CLSB
Sat 0900 WRMI 9955
Sat 1730 WWCR3 12160
Sat 2230 WRMI 9955
Sun 0330 WWCR3 5070
Sun 0730 WWCR1 3215
Sun 0900 WRMI 9955
Sun 1200 WRMI 9955
Sun 1615 WRMI 7385
Mon 0400 WBCQ 9330-CLSB [irregular]
Mon 0515 WBCQ 7415 [time varies]
Mon 0930 WRMI 9955**
Tue 1130 WRMI 9955**
Tue 1630 WRMI 7385
Wed 0830 WRMI 9955**

Latest edition of this schedule version, plus non-SW and webcasting affiliates,
with hotlinks to station sites and audio, is at:

<http://www.worldofradio.com/radioskd.html>

For latest updates see our Anomaly Alert page:

<http://www.worldofradio.com/anomaly.html>

Internet on demand, mp3 and real: see Our Current Audio page for availability:

<http://www.worldofradio.com/audiomid.html>

Webcasts at times shown are available from all stations except WBCQ on 9330.

Some WBCQ times may be followed by an immediate repeat. WWCR streams run up
to 5 minutes behind broadcast

WORLD OF RADIO podcasts from WORLD RADIO NETWORK:

<http://www.wrn.org/listeners/stations/podcast.php>

DX LISTENING DIGEST upon which WOR is based:

<http://www.worldofradio.com/dxldmid.html>

Wish all NASWAns a great 2008! 73, Glenn Hauser

Never miss a thing. Make Yahoo your home page.

<http://www.yahoo.com/r/hs>

21st Anniversary

Winter SWL Fest

Sponsored by **NASWA**

March 7-8, 2008

Best Western—The Inn at Towamencin
(formerly Holiday Inn).
Sumneytown Pike, Kulpsville, Penna.

Plan to attend your favorite forums Friday and Saturday! Enjoy meeting with your friends in the Hospitality Room. Bring radio related items for the swap meet or to donate for the Silent Auction. Check out your friends' receivers, bring one of your own for others to try!

No frills; just shortwave, longwave, mediumwave, pirates, and scanning. Once again you will enjoy the camaraderie of your hobby friends.

Please note, there is an incentive for you to pre-register, as prices are more expensive for those who wait. Registration options are also more flexible than in the past, with new one-day and student registrations. If you wish to participate in the meals, you must register and inform us that you will be attending by Friday morning, March 7th. If you choose not to participate in the meals, the hotel has a restaurant, and there are other restaurants nearby.

Your registration must be received by February 28, 2008 for the best prices; registrations received after that date are priced higher. See the registration form below.

Many things, like the raffle, remain the same:

GRAND PRIZE To be announced

SPECIAL Register early to win a SW portable! One free entry for an early-bird registration received by February 16, 2008.

Please bring items for the Silent Auction. At least half of the proceeds are donated to charity.

Checks should be made payable to WINTER SWL FEST. Register directly with the hotel for your rooms by calling the Best Western at (215) 368-3800. For 2008, one special rate \$79 single or double! Tell the hotel staff you're with the WINTER SWL FEST to receive this special room rate. *You must make your reservation directly with the hotel to receive this rate; reservations via the Best Western 800 number or web site are not eligible for this rate.* Up to the minute info. can be found on the WINTER SWL FEST Web Page at <http://www.swlfest.com/> or from <http://www.naswa.net/>.

The Best Western—The Inn at Towamencin is located at Exit 31 of the PA Turnpike Northeast Extension-Lansdale Interchange. Improved access from the south with the Blue Route (1-476)—ask for details. Limo service is available from Phila. Intl Airport directly to the hotel.

Please submit the following form with your registration amount or send for more information to:

SWL WINTERFEST, P.O. Box 4153
Clifton Park, NY 12065

NAME: _____ (SPOUSE'S NAME) _____

ADDRESS: _____

CITY: _____ E-MAIL: _____ (REQ. FOR REG. CONFIRMATION)

CHECK ONE OR MORE

REGISTRATION RECEIVED BY FEBRUARY 28, 2008:	LATE OR ON-SITE REG. RECEIVED AFTER FEBRUARY 28, 2008:	BANQUET:
<input type="checkbox"/> Full (\$57)	<input type="checkbox"/> Full (\$65)	<input type="checkbox"/> Roast Beef
<input type="checkbox"/> Three-Day Partial (\$27)	<input type="checkbox"/> Three-Day Partial (\$30)	<input type="checkbox"/> Chicken
<input type="checkbox"/> Two-Day Partial (\$22)	<input type="checkbox"/> Two-Day Partial (\$25)	RAFFLE TICKETS:
<input type="checkbox"/> One-Day Partial (\$14)	<input type="checkbox"/> One-Day Partial (\$15)	<input type="checkbox"/> raffle tickets, please
<input type="checkbox"/> Lunch-only Saturday (\$28)	<input type="checkbox"/> One-Day Partial w/Lunch (\$30)	(\$1 ea./ 6 for \$5/ 13 for \$10)
<input type="checkbox"/> Spouse Lunch-only Sat (\$13)	<input type="checkbox"/> Full Spouse/son/daughter (\$50)	Registration Fee Enclosed \$ _____
<input type="checkbox"/> Full Spouse / etc. (\$42)	<input type="checkbox"/> Banquet only (Spouse) (\$25)	Raffle Tickets Fee Enclosed \$ _____
<input type="checkbox"/> Banquet only (Spouse) (\$19)	<input type="checkbox"/> Spouse etc. Lunch-only (\$15)	Total Check/Money Order \$ _____
<input type="checkbox"/> Student (\$10)	<input type="checkbox"/> Student (\$10)	

Registration is not transferrable; cancellations after February 28, 2008 cannot be refunded, however we will refund raffle ticket money if you have to cancel.

Company Store

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

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

Publications

Shortwave Listening Guidebook by Harry Helms. A beginners guide to shortwave listening covering equipment and more.	\$19.95 +4.60 s/h US +8.00 s/h Can.
Joe Carr's Receiving Antenna Handbook A guide to high performance receiving antennas from longwave to HF and VHF.	\$19.95 +4.60 s/h US +8.00 s/h Can.
Joe Carr's Loop Antenna Handbook Comprehensive but readable guide to understanding and building loop antennas.	\$16.50 +4.60 s/h US +8.00 s/h Can.
Radio Monitoring: the How-to Guide by Skip Arey. Guide for new listeners to MW, HF, VHF and above.	17.95 +4.60 s/h US +8.00 s/h Can.
Passport to Worldband Radio 2008 Great source of information about shortwave stations, frequencies in use and schedules.	\$18.90 +4.60 s/h US +8.00 s/h Can.
World Radio and TV Handbook 2008 Long considered to be the bible for shortwave listeners.	\$26.90 +4.60 s/h US +8.00 s/h Can.
Fine Tuning's Proceedings Reprint Catalogs Complete list of articles from this hobby classic. Choose from 1) 5 page version with article titles or 2) 20 page version with article abstracts.	1) \$2.00 ppd 2) \$5.00 ppd
The World QSL Book Gail Van Horn's new CD-delivered book (PDF format) about all aspects of QSLing.	\$18.00 +3.00 s/h US +6.00 s/h Can.
1947-1958 or 1959-1970 WRTH CD CD compilation of the 1947 to 1958 or the 1959 to 1970 WRTHs.	\$60.00 ppd
WRTH CD Set Both WRTH CDs for a special price	\$99.00 ppd
NASWA Country List and Awards Program Booklet	\$3.00 PP US \$5.50 elsewhere
NASWA T-Shirts Return of a favorite in NASWA blue with the club logo.	\$14.00 S-XL 16.00 XXL +4.60 s/h US +8.00 s/h Can.
NASWA Sweatshirts Return of a favorite in NASWA blue with the club logo.	\$22.00 S-XL 24.00 XXL +8.95 s/h US +17.00 s/h Can.
NASWA Coffee Mugs 11 oz. white mug with the club logo on two sides. Return of a favorite with the club logo in NASWA blue.	\$5.50 +5.50 s/h US +10.00 s/h Can.
NASWA Ball Caps NASWA blue ball cap with velcro closure and NASWA logo embroidered on the front	\$12.00 \$4.60 s/h US \$8.00 s/h Can.

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



Company Store

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

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

Publications

Shortwave Listening Guidebook by Harry Helms. A beginners guide to shortwave listening covering equipment and more.	\$19.95 +4.60 s/h US +8.00 s/h Can.
Joe Carr's Receiving Antenna Handbook A guide to high performance receiving antennas from longwave to HF and VHF.	\$19.95 +4.60 s/h US +8.00 s/h Can.
Joe Carr's Loop Antenna Handbook Comprehensive but readable guide to understanding and building loop antennas.	\$16.50 +4.60 s/h US +8.00 s/h Can.
Radio Monitoring: the How-to Guide by Skip Arey. Guide for new listeners to MW, HF, VHF and above.	17.95 +4.60 s/h US +8.00 s/h Can.
Passport to Worldband Radio 2008 Great source of information about shortwave stations, frequencies in use and schedules.	\$18.90 +4.60 s/h US +8.00 s/h Can.
World Radio and TV Handbook 2008 Long considered to be the bible for shortwave listeners.	\$26.90 +4.60 s/h US +8.00 s/h Can.
Fine Tuning's Proceedings Reprint Catalogs Complete list of articles from this hobby classic. Choose from 1) 5 page version with article titles or 2) 20 page version with article abstracts.	1) \$2.00 ppd 2) \$5.00 ppd
The World QSL Book Gail Van Horn's new CD-delivered book (PDF format) about all aspects of QSLing.	\$18.00 +3.00 s/h US +6.00 s/h Can.
1947-1958 or 1959-1970 WRTH CD CD compilation of the 1947 to 1958 or the 1959 to 1970 WRTHs.	\$60.00 ppd
WRTH CD Set Both WRTH CDs for a special price	\$99.00 ppd
NASWA Country List and Awards Program Booklet	\$3.00 PP US \$5.50 elsewhere
NASWA T-Shirts Return of a favorite in NASWA blue with the club logo.	\$14.00 S-XL 16.00 XXL +4.60 s/h US +8.00 s/h Can.
NASWA Sweatshirts Return of a favorite in NASWA blue with the club logo.	16.00 S-XL XXL s/h US s/h Can.
NASWA Coffee Mugs 11 oz. white mug with the club logo on two sides. Return of a favorite with the club logo in NASWA blue.	+4.60 s/h US s/h Can.
NASWA Ball Caps NASWA blue ball cap with velcro closure and NASWA logo embroidered on the front	+8.00 s/h US s/h Can.

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



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



The Journal of the
North American Shortwave Association

ISSN 0160-1989

Executive Director: Richard A. D'Angelo, 2216 Burkley Dr., Wyomissing PA 19610
Public Relations & Business Manager: Bill Oliver, 45 Wildflower Road, Levittown, PA 19057
Executive Council Members: Alan Ralph Brandt, Dr. Harold Cones, Richard Cuff, Rich D'Angelo, Alan Johnson, Bill Oliver

EDITORIAL STAFF

Managing Editor: Dr. Harold Cones, 2Whits Court, Newport News, VA 23606
Desktop Publishing/Graphics: Ralph Brandt, P.O. Box 491, Lincoln, NJ 07138
Easy Listening: Richard Cuff, 42 North 37th Street, Allentown, PA 18104
Shortwave Center: John Filgozzi, 45 Algonquin Rd., Clinton, PA 17015
Technical Topics: Alan Johnson
Equipment Reviews: Alan Johnson, N4LUS 2490 Sharon Way, Reno, NV 89509
Adrian Peterson's Diary: Dr. Adrian M. Peterson, Box 29235, Indianapolis, IN 46229
NASWA Awards: Gary R. Neal, 4866 N. Wyndham Rd., Wichita, KS 67219-5501
Listener's Notebook: Al Quaglin, P.O. Box 888, Albany, NY 12201-0888
Prize Radio Report: Chris Lobdell, P.O. Box 146, 1500 North Main, O'Fallon, IL 02180-0146
OSU: James Barron, 781 Bakeman Rd., Thomaston, CT 06787

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

Scoreboard: Gary Neal, 4866 N. Wyndham Rd., Wichita, KS 67219-5501
Kim's Column: Dr. Kim Andrew Elliott, 5001 25th Street, Norfolk, VA 22207
Directing: John B. Montgomery, P.O. Box 1458, Levittown, PA 19057
Tropical Band Logging: Jim Ferguson, 4205 Friendfield Trace, Little River, SC 29566
International Band Logging: Wallace C. Treibel, 137 N.E. 149th St., Shoreline, WA 98155
English Schedules: Mike Barracough & WDXC, 39 Solleshort Hall, Letchworth Garden City, Hertfordshire SG6 3PW, United Kingdom
The Company Store: Jim Strader, K81 KYW, 74 Miller Street, Middleborough, MA 02346-3216

MEMBERSHIP FEES:

Regular First Class Mail \$39.00
Canada First Class \$51.00
Overseas, Priority Mail \$38.00
South America and the Caribbean \$40.00
Asia and Africa \$42.00

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

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

FIRST CLASS MAIL

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

