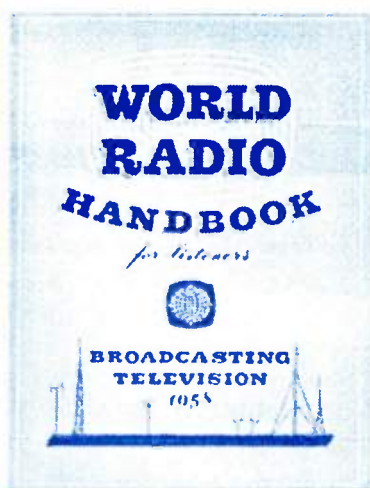


# The **NASWA** Journal

VOLUME XLIII NUMBER 9

SEPTEMBER 2004



North American Shortwave Association — America's Shortwave Broadcast Club

# Quality Equipment From Universal Radio



## AR5000A+3B

The AOR AR5000A+3B offers exceptional spectrum coverage. Covering all the way from 10 kHz to 3 GHz (less cellular), this "DC to daylight" radio won't miss much! Modes of reception include: AM, FM-N, FM-W, LSB, USB and CW. Six bandwidths are supplied (3, 6, 15, 40, 110 and 220 kHz.) and a slot for a 5 kHz filter is available. The triple conversion circuit and varactor tuned front-end provide excellent overload characteristics. And unlike most wideband receivers, the HF performance is excellent. Two thousand memories in 20 banks of 100 are featured. Other features include: two antenna inputs, antenna attenuator, keypad entry, computer control, squelch, S-meter and scanning. May be run from 12 VDC (1 Amp) or via supplied AC adapter. The "plus 3" version adds a Noise Blanker, AFC, more memories and AM Squelch Detection. Visit our website or request a color brochure.



Order	Model	List Price	Your Price
#0398	AR5000AB	\$179.00	\$249.95
#3705	AR5000A+3B	3399.00	2499.95

### SPECIFICATIONS

Frequency Range	10 kHz - 3000 MHz <sup>1</sup>
Modes Received	AM <sup>2</sup> cellular blocked FM-Narrow, FM-Wide LSB/USB/CW
Intermediate Freq	1st 622.2 MHz 2nd 10.7 MHz 3rd 455 kHz
Sensitivity	AM 10dB S/N: .6 µV 1.5 - 30 MHz FM 12dB SINAD 3 - 2µV 40-2600 MHz
Freq. Stability	±1 PPM (0°-50°C)
Selectivity	3, 6, 15, 40, 110, 220 kHz
Frequency Steps	1 Hz to 999.999 kHz
Ant. Impedance	50 Ohm
Power	13.8 VDC ±15% at 1 amp
Dimensions	8.5" x 3.5" x 10" 10 Lbs.

### OPTIONS

#3800	AS5000 Antenna Switch 3/4	\$114.95
#4256	CR5000 Recording cable	29.95
#3801	CT5000 CTCSS Decode	98.95
#4257	DC3000 DC Power cord	8.95
#3852	MF500 Collins Filter 500 Hz	99.95
#0114	SDU5600 Spectrum Display	1449.95
#3871	TV5000A/NTSC TV-Video Adapter 369.95	

## ICOM R20

NEW



Tune in the world where ever you go. The ICOM R20 has extremely wide coverage from 150 kHz to 3304.999 MHz (less 824-849 & 869-894 MHz cellular). Modes of reception include: FM, WFM AM, USB, LSB, CW. This radio has two VFOs with dual watch capability. A built-in 32 MB IC audio recorder can record 1, 2 or 4 hours of reception (playback quality will be less on 2 or 4 hour settings). A total of 1250 memories are featured: 1000 regular, 25 scan edge and 200 auto-write scan. And this is Icom's fastest scanning radio at 100 channels per second in VFO mode. Enjoy three types of priority watch: Memory Channel Watch, Memory Scan Watch and VFO Scan Watch. CTCSS/DTCS/DTMF decode is built-in. The large two line dot-matrix LCD can be programmed for 8 character channel names. You can "see" your signals with the built-in band scope. The sweep range can be set from ±14 kHz to ±1400 kHz. Other advanced features include: Voice Scan Control (opens squelch only when a modulated signal is detected), Auto Squelch, Attenuator, key lock, RF Gain, Noise Blanker, ANL and AF filter. A built-in ferrite bar antenna improves medium wave reception. Weather channels and weather alert (USA version only) are featured. CI-V PC control

compatibility is supported with optional CT-17. PC programming is available via the optional CS-R20 software CD (with USB cable). The special "Set Mode Menu" allows you to tailor many operational parameters to your personal taste including: Priority Watch, Key-touch beep, beep level, power save, NB/AN/LAF filter functions, AM antenna selection, scope audio, dial speed, etc. Your R20 is preprogrammed with TV and popular shortwave channels. The R20 comes with: BC149A wall charger, BP206 Li-ion battery pack, MB-98 belt clip, battery spacer, telescopic antenna and wrist strap. Please call or visit the [www.universal-radio.com](http://www.universal-radio.com) website for further technical information, and up to date pricing information. A full color 24 by 36 inch spectrum wall chart will be included for a limited time with your R20 purchase from Universal.  
List \$619.95 Order #0020 \$499.95

### SPECIFICATIONS

Frequency Range	150 kHz - 824 MHz 849 - 869 MHz 894 - 3304.9 MHz
Modes	AM, FM-N, FM-W, CW, LSB and USB
Frequency Step	1, .5, 1, 5, 6.25, 8.33, 9, 10, 12.5, 15, 20, 25, 30, 50, 100, 200 MHz
Sensitivity	AM 1 µV 5-200 MHz <sup>1</sup> CW 25 µV 5-200 MHz <sup>1</sup> FM-N .32µV 5-200 MHz <sup>2</sup> FM-W 1µV 75-200 MHz <sup>2</sup> FM-W 2.2µV 200-340 MHz <sup>2</sup>
Selectivity	AM, FM-N 12 kHz -6 dB FM-W >150 -6 dB SSB, CW >3 kHz -6dB
Antenna Jack	BNC (50 ohms)
Output Power	100 mW 8 ohms 10% Dist.
Dimensions	2.3" W x 5.7" H x 1.2" D 58 W x 140 H x 31 D mm
Weight	10 oz (300 g) 1"10 db S/N <sup>1</sup> 1"12 db SINAD <sup>2</sup>

### OPTIONS

#	Model	Item Description	Price
1445	BC-156	AC Rapid Charger	T.B.A.
3678	BP-206	Li-ion Battery 3.7V	\$46.95
0498	CP-18A	Cigarette Plug & Filter	22.95
1493	CS-R20	Win Clone CD & Cable	T.B.A.
2771	CT-17	Level Converter	129.95
3517	MB-86	Swivel Belt Clip	7.95
1454	LC-158	Carrying Case	T.B.A.
0940	SP-13	Mono Earphone	3.95

## PAR ELECTRONICS EF-SWL



The Par EF-SWL is an end-fed short wave antenna optimally designed for 1-30 MHz reception. The radiator is 45 feet of genuine #14 gauge black polyethylene coated Flex-Weave wire (168 strands of #36 gauge woven copper). This material is very strong yet can easily be coiled like a rope for portable work. The UV resistant matchbox houses a wideband 9:1 transformer wound on a binocular core. Unlike other transformers, external stainless studs on the matchbox allow the user to configure the primary and secondary grounds for best noise reduction at their particular location. Output is via a silver-telton SO239 UHF connector. The radiator also attaches via a stainless steel allowing it to be removed, or replaced with a different length radiator for experimental purposes.

Par EF-SWL

Order #2205

\$7.95



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Except Alaska, Hawaii and Puerto Rico

We have a major announcement to begin this month. The club is re-introducing the *Proceedings* reprints that were popular a few years ago. During the period 1988 through 1995, the fine tuning special projects group developed the *Proceedings* series, 6 volumes in all. These popular landmark research books sold out each year! There has been a demand for more material since the last project was completed and a demand to reprint prior editions. Although you never know for certain what the future holds, right now it appears unlikely that either will happen any time soon. However, the fine tuning special projects group wanted to make this wonderful collection of articles available to the general public. As a result, we will be once again offering reprints of the articles that appeared in *Proceedings* over the years. Our thanks to *Proceedings* quarterback and long time club member, **John Bryant**, for making this happen. These articles cover five major areas of interest: (1) receivers, (2) antennas, (3) propagation, (4) peripheral equipment, and (5) features. There are 128 reprints available totaling 1,150 pages. That's a lot of high caliber hobby related reading material. The entire NASWA/*Proceedings* 5-page catalog can be order from Company Store Manager **Mike Wolfson** (1842 Mifflin Avenue, Ashland, OH 44805, USA) for only US\$2.00 worldwide. There is a 20 page jumbo version of the catalog that includes abstracts of various articles for US\$5.00. Please do not make any requests from Levittown; Bill has enough to do each month without re-directing NASWA/*Proceedings* catalog orders. Orders for *Proceedings* reprints can only be placed with the Company Store (Mike Wolfson, 1842 Mifflin Avenue, Ashland, OH 44805, USA).

**Adventist World Radio's (AWR) DX program, *Wavescan***, will hold its annual DX Contest throughout the month of September. In addition, there will be a series of special broadcasts from the AWR transmitter KSDA5 on the island of Guam. The world winner of the "Wavescan 2004 DX Contest" will receive an engraved Bronze Medallion and an autographed copy of Jerry Berg's book, *On the Short Waves*. Additional continental winners will receive a copy of their choice, either *Passport to World Band Radio 2005* or *World Radio TV Handbook 2005*. Several hundred additional awards are also available. All entries must be postmarked in September 2004. Late entries will not be awarded any prizes though the reception reports will be verified with AWR QSL cards and the 2004 endorsement. Here is a summary of the five part contest: **Part A:** Choose five QSL cards in your collection that depict a specific theme. **Part B:** Choose five additional QSL cards in your collection that depict another specific theme. **Part C:** Write a radio script that would be suitable for broadcast in our DX program, *Wavescan*. **Part D:** Submit three reception reports on any AWR transmissions, one of which, if possible should be for a broadcast from the AWR transmitter on Guam, KSDA5. **Part E:** Where possible, submit 3 radio cards. The only address for contest entries is:

September DX Contest  
Box 29235  
Indianapolis  
Indiana 46229  
USA

Just two more opportunities before the summer convention season conclude. The **National Radio Club's** annual Labor Day



weekend and the **Ontario DX Association's RadioFest 2004**. Most of you will receive the *Journal* after the NRC shindig but the ODXA bash (see the *Calendar of Events* for the details) is still possible. After the summer season ends, the next big event is our own annual Winter SWL Festival in March hosted by **Rich Cuff** and **John Figliozzi** with a strong supporting cast of dedicated workers.

Finally some good news on the shortwave station front. It was recently reported that **Thales** has been recently contracted for the delivery of shortwave equipment and services for two customers in the Asian area. Bangladesh has ordered a new 100 kw shortwave transmitter for its station Dhaka. India has ordered a 100 kw shortwave transmitter for a new station. Both new stations are scheduled to go on air early 2005.

While ordering your *Proceedings* reprints, you should also look into ordering some of the other great stuff **Mike Wolfson** carries at the *Company Store*. He still has available plenty of great reading material and a full line of tee shirts, sweatshirts, coffee mugs, and beer mugs (a bargain at the new marked down price). Everything the *Company Store* has to offer is available by mail order. The important details are in **Mike's Company Store** column. Order now!

Don't forget that **Sean D. Gilbert**, the International Editor - *World Radio TV Handbook* (WRTH), has made available another update. It can be obtained from the WRTH website and can be downloaded from the following link: [www.wrth.com/files/WRTHA04WEB.pdf](http://www.wrth.com/files/WRTHA04WEB.pdf) or by visiting the WRTH website ([www.wrth.com](http://www.wrth.com)). I have used this update extensively and have found it to be extremely accurate and very useful in my listening this summer.

Here's a reminder that the **Association of International Broadcasting (AIB)** (P. O. Box 990, London SE3 9XL, United Kingdom) is offering its new directory targeting people who work in broadcasting, or supply broadcasters with services. The *AIB Directory* includes extensive contact information for key personnel at domestic and international

broadcasters around the world. Also, it contains information with full details of how to tune into the world's international radio broadcasters in English, French and German, or the leading international television news channels. The *AIB Directory* has become a valuable reference book both at home and on business trips worldwide. The *AIB Directory* is updated twice yearly, and is available on subscription so you are always up to date. Order today at the above address for £37.50 (around 56Euro/US\$67.00) per issue to have access to reliable contact data at broadcasters, suppliers, transmission companies, satellite operators and industry bodies in more than 90 countries.

The dog days of the summer DX season are almost over and the new North American DX season is rapidly approaching for more great listening action on the shortwave bands. Stay on top of breaking shortwave news and information with the club's electronic *Flashsheet*. If you are a current member of the club and want to receive the electronic *Flashsheet* just drop **Rich D'Angelo** ([rdangelo3@aol.com](mailto: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 **Sheryl Paszkiewicz**, [spasz@dataplusnet.com](mailto:spasz@dataplusnet.com) or P. O. Box 716 Manitowoc, WI 54221-0152. 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.

Please remember to direct all communications about subscriptions, bulletin delivery issues, dining etiquette, 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](mailto:weoliver@comcast.net). The regular postal address is the familiar 45 Wildflower Road, Levittown, PA 19057. Inquires sent to Wyomissing only slow down the process. Thanks!

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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. 

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## FRENDX: Twenty Five Years Ago (September 1979)

Two bids were reported received for the 1980 ANARC Convention. One was from the Southern California DXers to host it in Irvine, CA. The other was from the Canadian SWL International to hold it in Thunder Bay, Ontario, Canada. The clubs were in the process of voting for the site location. Peter Schipelliti replaced Tom Gavaras as *Log Report C* editor and Brett Saylor became the permanent *Log Report E* editor replacing Dave Walcutt who was acting editor. In the *Shortwave Center*, Bill Whitacre reviewed the Racal RA-6217A receiver. Dan Robinson wrote about World Press Views Shortwave Broadcasting. Kelly McNair wrote about two unique space saving antennas. Sam Barto's *QSL Report* featured 103 countries. Over 200 members participated in the *Scoreboard* edited by Myron Smith with James Young leading the pack (222/207 heard/verified). Twenty-four members reported hearing 200 or more countries while eight reported verifications from 200 or more countries. *Frendx Credits* had 87 reporters submitting logs to the bulletin.

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## On the Short Waves Update by Jerry Berg

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, August 19, 2004—Under "CPRV," "The CPRV Gallery," some "new" medium wave QSLs: 2AP, Apia, American Samoa, 1963; R. Prieto, Buenos Aires, Argentina; R. Illimani, La Paz, Bolivia, 1934; CFRB, Toronto, Ont., Canada, 1929; CKGW, Toronto, Ont., Canada, 1932; La Voz de Colombia, Bogota, Colombia, 1939; CMPN, Cuba, Special NNRC broadcast, 1934; Armed Forces Network, Frankfurt, Germany, 1963; JOFK, Hiroshima, Japan, 1932; XECL, Mexicali, Mexico, 1941; XENT, Nuevo Laredo, Mexico, 1934; and ZCO, Nuku'Alofa, Tonga, 1963.

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, August 1, 2004—In "Articles, Research, etc.," (under "Full-Text Articles"), two articles from the early days of broadcast band listening: "A First Night With a First Set" and "Wisdom for Radio Widows."

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, July 26, 2004—Under "CPRV," "The CPRV Gallery," to China, with the following QSLs: under "Shortwave Broadcast," XMHA, 1939; XGOX, Chungking, 1940; XMPA, Shanghai, 1948; XORA, Shanghai, 1947; and XTPA, Canton, 1945; and under "Broadcast Band," XMHA again, Shanghai, 1934. (see items marked New)

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, July 22, 2004—In "Articles, Research, etc.," (under "Full-Text Articles"), read about TI4NRH in an article written by its "Creator, Constructor and Program Director," Amando Cespedes Marin, and published in the July 1933 issue of Short Wave Craft.

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## Calendar Of Events

**Sep 2-5 Convention.** The **National Radio Club** will hold its annual Labor Day weekend gathering in Batavia, NY on 2-5 September 2004. The Days Inn will be the location with rooms available for \$72.00 per night. Reservations direct at 585-343-1440. For more information contact co-host Scott Fybush at [scott@fybush.com](mailto:scott@fybush.com) or 585-442-5411.

**Sep 17 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](mailto:dcscpk@aol.com).

**Sep 17 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](mailto:ctreditor@aol.com). The URL for the BADX guys is <http://www.anarc.org/naswa/badx/>

**Sep 24-25 Convention.** The Ontario DX Association will hold **RadioFest 2004** celebrating its 30<sup>th</sup> anniversary on 24-25 September 2004 at the Monte Carlo Inn—Oakville, 374 South Service Road E., Oakville, Ontario, L6J 2X6, CANADA. Tel: (905) 849-9500, [www.montecarloinns.com/oak.htm](http://www.montecarloinns.com/oak.htm). Weekend registration costs just \$10.00 CDN (\$7.00 US), which includes the Friday Wine & Cheese and the Saturday program (meals on your own). All meals are pay on your own. For more information, contact Harold Sellers at 905-853-3518 email: [listeningin@rogers.com](mailto:listeningin@rogers.com) or Brian Smith at [am740@rogers.com](mailto:am740@rogers.com) or by mail at: ODXA, 155 Main Street N, Apt. 313, Newmarket, Ontario L3Y 8C2, Canada. You can also use PayPal on the club's web site at [www.odxa.on.ca](http://www.odxa.on.ca). Check the web site and the monthly bulletin Listening In for further updates. Happy 30<sup>th</sup> anniversary to our friends up north!

**Oct 9 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meets at the Lebanon Citizens' National Bank (LCNB), 425 West Central Avenue (Ohio 73), Springboro, Ohio at 7:00 PM. For more information contact Mark Meece at 937-743-8089 or e-mail at [antennapig@siscom.net](mailto:antennapig@siscom.net). For additional information about MONIX, check out their web site at <http://www.siscom.net/~mmeece/monix.html>

**Mar 12-13, 2004 Convention.** The 17<sup>th</sup> **Annual Winter SWL Festival**, sponsored by NASWA, will be held at the *Best Western—The Inn at Towamencin* (Kulpsville to the rest of us), located at Exit 31 on the Northeast Extension of the Pennsylvania Turnpike, on 12<sup>th</sup> and 13<sup>th</sup> March 2004. Richard Cuff and John Figliozzi co-chair the organizational committee. It's never too early to begin planning. See you there!

**Jun 17-19, 2005 AGM and DX Camp.** The Danish Shortwave Club International will hold its **annual general meeting (AGM) and DX Camp** at the Scout Camp Vardeborg (Vejers Beach) on 17-19 June 2005. Further details will follow.

Members are invited to submit items to be included in this calendar to Rich D'Angelo (Internet: [rdangelo3@aol.com](mailto:rdangelo3@aol.com)) or Ralph Brandi (Internet: [ralph@brandi.org](mailto:ralph@brandi.org)).

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## Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Bob Montgomery** (Address: P O Box 1458, Levittown, PA 19058). He will forward them to the appropriate editor. Remember, Bob also distributes QSL report information and totals for the **Scoreboard** column. He can also be reached through the Internet at: [RMonty23@netzero.net](mailto:RMonty23@netzero.net). Please note, this is a **new e-mail address**. The AT&T e-mail address has been discontinued.

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# Musings

*This column provides a forum where members can express comments, ideas, and thoughts about NASWA or the SW radio hobby. Please feel free to comment on anything presented this month (or previous months). Opinions expressed here are solely those of the submitters. Please submit all Musings to Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610 or via email: rdangelo3@aol.com.*

**Jerry Berg <jsberg@rcn.com>, 38 Eastern Avenue, Lexington, MA 02421**

Recently the XYL and I were in Hawaii for two weeks—seven days in Kapalua (Maui), three in Wailea (also on Maui), and four at Kaneohe (the windward [northeast] side of Oahu). I don't usually mix DX with vacation, but this time I was glad I took my "shack in a bag" with me (ICF-2010, Sony AN LP-1 antenna [the one that "untwists"] and Marantz PMD221 recorder). Kapalua turned out to be a nice DX location, with low noise and good signals. This motivated me to get some wire and erect a "Kapalua Quad," consisting of 100 feet of wire strung around the combined perimeter of the two lanais (patios) attached to the two-floor condo in which we were staying. This improved reception still further. Reception was not as good in the other two locations, even though I was able to string out a regular longwire at each. Wailea had a lot of noise, and in Kaneohe signal levels were significantly below those in Kapalua. This did not seem like a matter of propagation. Perhaps the Ko'olau Mountain Range which separates this part of the island from the rest had something to do with it. So almost all my listening was done in Kapalua.

Although this was my fourth trip to Hawaii, it was my first attempt at serious listening. Some overall impressions:

Forget about sleeping. Unlike ECNA where there is a "lull" from around 0500 to 0900 UTC, in Hawaii DX starts rolling in around midnight (1000 UTC) and doesn't stop until dawn (0600 LT is 1600 UTC). It's just as well that DX wasn't great from Wailea or Kaneohe or else I would have missed two weeks' sleep instead of just one.

There is much more low band activity to be heard in this part of the world than in ECNA. There are comparatively few tropical band signals still to be heard on ECNA—some Latins and Africans, and occasional Asians, but large parts of the band are empty. Perhaps it was just because the Asian signals seemed more interesting to an ECNAer, but it seemed like there was much more 60 and 90 mb activity to be heard from Hawaii. When it is dark there it is also dark in a very large part of Asia, the Pacific and East Africa, and this makes for lots of signals. Some of the more interesting things I heard were English from Burma-5985 and Nepal-5005, the Voice of Jammu & Kashmir Freedom-5102, SW Radio Africa-4880 (via SENTECH), and Mongolia on 7260, 4895 and 4865. Chinese stations are everywhere. Virtually all of the regional stations can be heard. Indian stations are also well heard. Practically all the 60 meter Indians could be heard around 1500-1630, plus Shimla-3223 and even a tentative on Gangtok-Sikkim on 3390. What a treat to hear more than the 15-minute "windows" we get in ECNA. These regional outlets have advertisements, announcements, pop music shows, etc. that we ECNAers never hear. It was a real treat to hear the Japanese "local" transmitters on 3607.5, 3970 and 6005. In 36 years of DXing this was the first time I heard them. Radio Nikkei was also a regular on 3925, 6055 and 9595.

I was surprised at the strength of some of the African signals. But I was disappointed that signals from, of all places, the Pacific—Indonesia, PNG, ZLXA—were not as strong as I had expected.

The bottom line: Moving six time zones west will do a lot for your DX. Jerry

**Sheryl Paszkiewicz <spasz@dataplusnet.com> P. O. Box 716 Manitowoc, WI 54221-0152**

I just learned that one can sign up for the WRN email newsletter (maybe it was mentioned in the *Journal*). So I did that and just received my first issue. It highlights the programs on the various international broadcasters for the upcoming days along with the times the WRN webcasts or broadcasts them. Some of the stations are on at times unsuitable for prime time listening, and some of the stations are not available on the North American stream. However, since we as shortwave listeners know where to find these stations on our radio dial, it is a handy tool for program listening as one knows what programming to expect on these stations. As you may know, some of the stations are also available on demand from the WRN website.

Sheryl

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

I would like to share with you the results of almost 50 years of QSL collecting, marked by the receipt of my 8000<sup>th</sup> shortwave QSL on July 26, 2004. This QSL was from Adventist World Radio, for its Moosbrun relay, on 9820 kHz. My first QSL was for reception on March 2, 1954, of Radio Japan, Tokyo, using 11,725 kHz.

It is my understanding that this achievement of 8000 shortwave QSLs is possibly unique, acknowledging that:

- There are no duplicate QSLs (i.e., no QSLs from the same frequency for any given station, and frequency differential is at least 5 kHz)
- Every QSL was the result of a specific reception report on a single frequency to any given station (no multiple-frequency reports)
- Every report was sent to the "programming authority" responsible for program production and/or delivery (not to transmission sites, technical centres, or "proxies")
- Every report was for a minimum of 15 minutes reception—most were 30 minutes—some were one hour
- All reports were sent via postal mail—no Internet/Emailed reports—no taped reports—no cassette/CD reports—no personally delivered reports
- No "Prepared Cards"
- No "follow-up reports"
- All reception was from Victoria, Australia, mainly from my home in Mont Albert, a suburb in the east of Melbourne
- All reception was via terrestrial radio—no reception via JavaRadio, Remote Radio Systems, computers, or the Internet
- All reception was in my spare time, and on my own receiving equipment—no reception during the course of my employment or using my employer's equipment (I am a Professional Communications Engineer)

The definition of a "shortwave station" is that which has been used in the Australian DX hobby movement for 40 years. These QSL Standards include these key elements, and to satisfy those requirements, a "Station", should meet these conditions:

1. It issues its own QSLs
2. It has its own postal mailing address
3. It has its own program schedule



#### 4. It announces its shortwave service

Using these standards, individual "programs" are not regarded as "stations", with some exceptions, such as broadcasts produced by DX Clubs, DX Federations, and from Amateur Radio Societies. Rebroadcasts, whether live or delayed, are not considered to be "stations" (e.g.: rebroadcasts of broadcasting entities such as the BBC, VOA, WRN, NPR, Deutsche Welle, Radio Netherlands, Radio Australia, etc). No "Pirate" broadcasts, utility, time-signal, syndicated religious or other programs, feeders, "clandestine", or amateur transmissions. No transmissions on spurious frequencies (e.g.: harmonics). All reception was for transmissions within the frequency range 2,310-26,100 kHz. The total number of reports sent out was 10,500, representing a response rate of 76%.

The total number of stations from which the 8000 QSLs were received is 968, represented by 229 "active" radio countries, and 24 "deleted" radio countries, using the Australian method of designating countries (similar to DXCC standards).

This achievement has been submitted for the *Guinness Book of Records*.

Maintaining contact with broadcasters has always been my prime aim with the radio monitoring hobby, and my aim now is to QSL 1000 stations, and to build up to 10,000 QSLs.

In these times of declining support for international shortwave broadcasting, strengthened and responsible feedback from listeners, via a structured and targeted QSL Reporting process, would materially assist in demonstrating that an audience does in fact exist!

I would be interested in your feedback on my achievement! Please visit <http://edxp.org> for a lot more information, and photos.

Regards, Bob

**Don Ruokonen <druokonen@hotmail.com>, 704 South Cherry Grove Avenue, Apt 202, Annapolis, MD 21401**

Returning to the SWL hobby and amateur radio hobby since the 50s and 60s, I've noticed that today's young people have virtually no understanding of what SWL is all about. One young man upon seeing my station asked if I was a "spy" or a member of the "CIA"!

To help young people, kids and adults, to be able to feel and touch this hobby is to build a modest short wave receiver. This enables them to feel an immediate connection to the hobby. The Ten Tec model 1054 regenerative 4-band receiver sells for \$32.00 and can be one's first kit project. Ten dollars for antenna materials enables anyone to listen to the 49 and 31 meter SW bands and 40 and 80 meter ham bands. This radio is in practically everyone price range like the Heathkits, Allied radio, etc kits of the past. I will be teaching high school technical education, formerly industrial arts, and plan to institute this project for others in class or as an after school project. I have joined the Anne Arundel Amateur Radio club and have become active in their "kids" club. We are planning to have the new members build something. If their interest develops by usage they can plan on getting a commercial shortwave radio or building other kits. They will also educate their parents about the joys of shortwave listening.

Many of today youth are looking for hobbies other than computer games and we folks that really enjoy this hobby can mentor its growth. Talk about the hobby and offer listening sessions to people that have curiosity about our hobby. This hobby offers a lifetime of enjoyment regardless of ones income, health, or formal education.

We have to do things to reduce the age of SWLs and amateur radio operators. I'll try to do my part!

Sincerely, Don Ruokonen #105, K3PRN

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

As summer slowly winds down, we can look forward to longer periods of darkness in North America and enhanced DX listening conditions. The summer listening has been productive this year so I am generally pleased with that. Unfortunately, there were the usual thunder and lightening storm periods when shortwave listening became impossible. How can you listen when the gear is disconnected from the antenna?

For those of us that were active in the hobby during the late 1980s into the mid-1990s, the fine tuning *Proceedings* collected works was an outstanding contribution to the hobby. Its devout readership eagerly anticipated each volume. When the last edition was published in 1995, a void was created that still exists today. Although we can't fill that void, we can offer a reprint service of the entire *Proceedings* anthology. There is a lot of great reading among the 128 reprints totaling 1,150 pages. I had an opportunity to work closely with John Bryant and many of the fine tuning crew during that time period which enabled me to have an insight into the entire editorial process. I doubt we will ever see any hobby effort of this magnitude again but we can relive the experience through the reprint service. A special thank you goes out to John Bryant for making these outstanding articles available to the club for distribution. If you missed the *Proceedings* series, purchasing reprints is a great way to experience the excitement of the period.

I am quite happy with a few of this month's QSLs reported to Sam Barto's *QSL Report* column. The Voice of the Broad Masses of Eritrea arrived after a nine month wait. Finally verifying All India Radio-Panaji (Goa) for my 223<sup>rd</sup> NASWA country verified was the highlight for the month. New countries verified are few and far between these days. Südwestrundfunk (6030) didn't mention anything about going off the air although others have received notes to that affect. I enjoyed listening to Radio Six International via WBCQ so the verification from Tony Currie completed the experience.

Congratulations to Bob Padula on his QSL achievements reflecting many years of dedicated activity to the shortwave listening hobby. The numbers are quite impressive. In this day and age, QSLing tales a lot of perseverance. Nice going, Bob!

73, Rich

**NASWA**

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

# Adventist World Radio Wavescan 2004 DX Contest

As with our previous DX contests here in Wavescan, the big DX Contest for this year will also run throughout the month of September. Here are all of the contest details, and in addition, there will be a series of special broadcasts from the AWR transmitter KSDA5 on the island of Guam.

The world winner for our "Wavescan 2004 DX Contest" will receive an engraved Bronze Medallion and an autographed copy of Jerry Berg's book, *On the Short Waves*. Additional continental winners will receive a copy of their choice, either *Passport to World Band Radio 2005* or *World Radio TV Handbook 2005*. Several hundred additional awards are also available.

All entries must be postmarked in September 2004, though in some cases early entries will be accepted. Late entries will not be awarded any prizes though the reception reports will be verified with our QSL cards and the 2004 endorsement.

## "Wavescan 2004 DX Contest"—Summary.

**PART A:** Choose five QSL cards in your collection that depict a specific theme.

**PART B:** Choose five additional QSL cards in your collection that depict another specific theme.

**PART C:** Write a radio script that would be suitable for broadcast in our DX program, "Wavescan".

**PART D:** Submit three reception reports on any AWR transmissions, one of which, if possible should be for a broadcast from the AWR transmitter on Guam, KSDA5.

**PART E:** Where possible, submit 3 radio cards.

## "Wavescan 2004 DX Contest" Contest requirements in full detail.

**PART A: Five QSL cards in your collection that depict a specific theme.**

Search your QSL collection and choose your five best cards that depict a specific theme. You may choose any theme, and it might be, for example, world maps, or flowers, or animals, or birds, or people, or radio equipment, or sunsets, etc. You may send a copy of these five cards in colour, or black & white, or you may describe them. Each card should be from a different station. Your QSL cards may verify a broadcast from a station on shortwave, mediumwave, longwave, FM or utility communication, but not amateur, CB nor TV.

**PART B: Another five QSL cards in your collection that depict another specific theme.**

Choose five more QSL cards that depict any other theme. Each card should be from a different station, though these cards may be from any of the same stations as in Part A, if desired. You may send a copy of these five cards in colour, or black & white, or you may describe them.

**PART C: Write a script for broadcast in our DX program, "Wavescan".**

You may choose any topic that you consider could be suitable for broadcast in "Wavescan". Your script should be no longer than 800 words, it should be written in English, and it may be handwritten or typed.

## **PART D: Submit 3 reception reports on any AWR transmissions.**

These reports can be on the reception of any AWR broadcasts on any station anywhere in the world. However, if possible, one of these reports should contain the program details of a broadcast from the AWR transmitter on Guam, KSDA5.

## **PART E: Where possible, submit 3 radio cards.**

These cards may be new or old QSL cards, new or old tourist postcards that show radio in some way. Not valid for this contest are amateur nor CB QSL cards.

## **Contest awards**

1. The world winner in our "September DX Contest" will receive the 2003 Bronze Medallion and an autographed copy of Jerry Berg's very interesting volume, *On the Short Waves*.
2. Additional continental winners will receive a copy of their choice of either *Passport to World Band Radio 2004* or *World Radio TV Handbook 2004*.
3. Several hundred other awards are available from AWR, including 10 full sheets of the AWR QSL stamps, and 10 half sheets.
4. All reception reports will be verified with new AWR QSL cards endorsed for the 2003 DX contest and with the 2003 QSL stamp.

## **Things to remember:**

1. The world winner in our "September DX Contest" will receive the 2004 engraved Bronze Medallion and an autographed copy of Jerry Berg's highly regarded radio volume, *On the Short Waves*.
2. Additional continental winners will receive a copy of their choice of either *Passport to World Band Radio 2005* or *World Radio TV Handbook 2005*.
3. Several hundred other awards are available from AWR, including souvenirs, cards and small tourist items.
4. All reception reports will be verified with our AWR QSL cards specifically endorsed for the 2004 DX contest and with the 2004 QSL stamp.
5. As a gesture of good will to the international radio community, Adventist World Radio will make a series of broadcasts specifically from transmitter KSDA5 on the island of Guam. During the past couple of years, all four of the older transmitters at this station were removed and replaced with five newer units obtained from a large shortwave radio station in South Africa. In addition, a new matrix-switching unit has also been installed so that the output from any of the five transmitters can now be fed into any of the four curtain antennas.

The fifth transmitter is in use as an auxiliary unit to replace any of the others that happen to malfunction. So that international radio monitors, shortwave listeners and DXers can specifically log and QSL unit 5, a special schedule will be implemented for the occasion. Transmitter KSDA5 will be activated with regular programming during the month of September and the complete schedule will be announced in advance. QSL cards verifying the reception of these specially arranged broadcasts will be endorsed for transmitter KSDA5.

September DX Contest, Box 29235, Indianapolis, Indiana 46229 USA



# Easy Listening

Richard D. Cuff • 42 North 37th Street • Allentown, PA 18104 • rd cuff@mochamail.com

## Olympics kills much live streaming

Apparently the Olympics organizing committee once again placed a very high price tag on allowing incidental live Olympics commentary to be webcast, because the **BBC World Service** webcast was somewhat curtailed, as was the entire Australian **ABC NewsRadio** service. At least the BBC's embargo wasn't total, as it was four years ago. It is truly a shame that the Olympics has become such a bloated, greedy spectacle that it single-handedly killed so much live audio on the web, even during "non-sports" programming such as the BBC's *Newshour*. One thing this means is that perhaps the online streaming audio audience isn't all that important to the BBC World Service, despite their claims to the contrary since 2001. Thankfully this embargo didn't reach shortwave.

## Radio Australia under the radar

Unless you follow John Figliozzi's biweekly **Radio Australia** highlights closely, you might miss out on some interesting programs at Radio Australia. While many of Radio Australia's programs have consistent schedule slots, many months feature substitutions and new program launches.

One such new program is *The Chat Room* with Radio Australia's Heather Jarvis; this is a Radio Australia-produced program with human interest stories; people from the region living lives a little out of the ordinary—from business, to sport, science and the arts—drop in, share their stories and play a bit of music. *The Chat Room* airs Fridays 1130 (perhaps the best time here in the Northeast USA), and 0130 and 0430 Sundays.

Another is the short program *Heywire*, which features the views of young rural Australians. *Heywire* airs 0354 Sundays and 0356 Mondays through Fridays.

Yet another is *Hit Mix*, hosted by Brendon Telfer, is a brand new program looking at the Aussie music scene. *Hit Mix* airs 2340 Fridays and 0630 Saturdays and Mondays. This program replaces *Oz Sounds* as Radio Australia's self-produced popular music program.

You can also count on a new program from **Radio Australia** roughly four times a year as part of its education series. These informative documentaries are very well produced with the latest, *Smart Societies*, airing Thursdays 1130, Saturdays 1505 and Sundays 0830. This is a new eleven-part education series that seeks to explore some of the challenges facing the region. Young professionals share their ideas about what is required to build truly smart and cohesive societies while regional experts discuss a range of issues from international education to creating livable cities to being good corporate citizens. A program website, including on-demand audio archives, will be created once the series concludes its on-air run.

Another program that will be reappearing on the schedule in September is *Sunday Profile*, hosted by Geraldine Doogue. It's a weekly in-depth analysis of major Australian and world news. Ms. Doogue talks to the people in the news about the news—the decision makers and agenda setters, politicians and business leaders—about the issues driving the news agenda. *Sunday Profile* originates on **ABC Local Radio** and will air on **Radio Australia** Sundays 1130 UTC as of September 5<sup>th</sup>.

Oh—if you think you've seen that name before, you're right—Ms. Doogue was the long time host of *Life Matters*, the daily interview program about social change that airs for 40 minutes weekdays on Radio Australia at 0320 UTC. *Life Matters* originates on **Radio National** Sundays-Thursdays for two hours at 2300 UTC, streamed live. Well worth a listen; on-demand archives are also

available at the program's website, <http://www.abc.net.au/rn/talks/lm/>.

One last suggestion: **Australia Wide**, a weekday domestic news roundup that originates on yet another ABC service, **ABC NewsRadio**. **Australia Wide** airs on Radio Australia Sundays–Thursdays at 2240 UTC. Radio Australia probably won't propagate well via shortwave at that time to eastern North America, but you might want to check out Radio Australia's live web stream.

Minor editorial comment: My heart stopped earlier this year when there was some talk of Australia's ABC stopping the funding of **Radio National**. Thankfully there was a large domestic outcry at the time, but it would be a travesty to lose such a high quality English language spoken-word radio service.

Thanks to John Figliozzi for his continuing efforts to publicize **Radio Australia** programming in an easy-to-follow way.

## Radio Sweden keeps rolling along

One of the best examples of regionally-focused international broadcasting remains **Radio Sweden**, which continues to use shortwave, satellite (World Radio Network / Sirius satellite radio) and the Internet to make its programs widely available. Daily program highlights are available by e-mail by sending a message to [radiosweden-subscribe@topica.com](mailto:radiosweden-subscribe@topica.com).

Radio Sweden's current schedule includes a Nordic regional roundup on weekdays, **60 Degrees North**, along with the following additional features:

**Mondays**—**SportScan**, Radio Sweden's weekly magazine covering the world of Swedish and Scandinavian sports, presented every Monday by Sports Editor Judi Milar.

**Tuesdays**—**Close Up**, presented by Juan Navas, features well-known, as well as not so well-known personalities, ranging from

all walks of life. The program offers listeners a more in-depth view and profiles of people in Sweden today. **Close Up** is broadcast on the first Tuesday of every month. Other weeks currently offer special features.

**Wednesdays**—a mixed back of features and mini-documentaries on the Nordic region.

**Thursdays**—a rotating set of regular features, including **Nordic Lights** (first Thursday), **GreenScan** (second Thursday, a program about populist environmental concerns and environmental groups), **HeartBeat** (third Thursday, a health and medical program hosted by Gaby Katz), and **S-Files** (fourth Thursday, a magazine about Swedish history, culture and geography).

**Fridays**—it's the regular **Weekly Review** of news, arts, science and sports from the Nordic region.

**Saturdays**—a rotating series including **Network Europe** (first Saturday, co-produced with the BBC World Service, Deutsche Welle, and others), **Sweden Today** (second Saturday, a show featuring Swedish opinion and commentary on political and social issues), **Spectrum** (third Saturday, covering the Swedish cultural scene) and **Studio 49** (fourth Saturday, covering the ideas and trends shaping today's Sweden).

**Sundays**—the first Sunday features **In Touch with Stockholm**, Radio Sweden's listener contact program, and **Sounds Nordic** (music and trends magazine) the other weeks.

Radio Sweden reaches the USA via shortwave daily at 1230 and 1330 on 15240 kHz from its own transmitters; the program is repeated the next UTC day at 0130 and 0230 on 6010 kHz relayed by Radio Canada International's transmitters. Sirius satellite radio listeners can hear Radio Sweden on the WRN channel daily at 1900 and 0130 UTC. Daily archives are available at the Radio Sweden website, <http://www.sr.se/rs/>, and also at the World Radio Network website, <http://www.wrn.org>.

## BBC World Service Highlights

Mondays, 1532, repeated Tuesdays, 0132 and Sundays, 2332: *Inspiration* continues in the quiz show time slot for September. This program is about invention and innovation, hosted by Chris Stuart. This program doesn't appear in the on-demand archive listings at the World Service website, so you'll have to listen or tape the program live. As an aside, you may know that most of the quiz programs are originally produced for the domestic counterpart to the World Service, **Radio 4**; *Brain of Britain* began its 2004 run in late August, airing Mondays 1230 and Saturdays 2200. After a few weeks we'll hear the program on the World Service. Looks like my favorite quiz, *Just A Minute*, has just wrapped up its summer run on Radio 4. You can find an exhaustive web page with information on the BBC's quiz shows at <http://www.bbc.co.uk/radio4/comedy/>.

Sundays, 0101: *Play of the Week* highlights for September include Stephen King along with the following:

September 5<sup>th</sup>: *Shakara* by Tess Onwueme—Shakara lives in one of the poorest parts of Lagos, Nigeria but desperately wants more out of life. As a willful teenager, she sees hope in the city's nightclubs, which frosts her hardworking, righteous mother. *Shakara* is co-produced by the World Service Drama and African Service entirely on location in and around Lagos, capturing the flavor of one of Africa's liveliest cities.

September 12<sup>th</sup>: *Speaking Well of the Dead*—Israel Horovitz wrote this play specially commissioned to mark the third anniversary of the 2001 USA terrorist attacks on New York and Washington. Horovitz, who lives in lower Manhattan, penned this play of conflict between a mother who speaks well of her husband, who was killed at the World Trade Center, and her daughter, who wants to speak the truth, opening old wounds. The play explores the need for the living to find heroes among the dead, and features actress Jill Clayburgh and her real-life daughter, Lily Rabe, in the lead roles.

September 19<sup>th</sup>: *Misery* is a special 90-minute edition of *POTW* crafted by novelist Stephen King, and is an adaptation of the stage version from Simon Moore. Novelist Paul Sheldon has had an automobile accident, and his biggest fan is his nurse, who wants Sheldon to write his greatest work...just for her. She has various inducements at her disposal—a needle, an axe, and other “really nasty” alternatives. Miriam Margolyes and Nicholas Farrell star; this week's edition runs until 0230, so you'll need to adjust any audio recording plans accordingly.

September 26: *Monsieur Ibrahim et Les Fleurs du Coran* is a one-man show written by Eric Emmanuel Schmidt about the interaction between a young Jewish boy and the “local Arab” in the Rue Bleue in Paris. This monologue won a Sony Silver award in this year's competition.

Remember that all editions are available for on-demand download as of the same time they air in the Americas on shortwave.

Wednesdays 1406, Thursdays 0006, and Sundays, 1006 and 1506, beginning September 1<sup>st</sup>: *The Real Far East* is a four-part documentary series profiling the Russian Far East, a region bordering Japan, China, North Korea and Alaska that is increasingly turning its back on Moscow and building new relationships with its Pacific neighbors. Tony Barrell hosts the series which visits such locations as Vladivostok, Khabarovsk and Sakhalin.

Thursdays, 1406, Fridays, 0006 and 0506, and Saturdays, 1006, beginning September 3<sup>rd</sup>: *France and the Arab World* is a three-part documentary filling in for *Assignment* that presents the state and history of Franco-Arab relations. Algeria and Syria are profiled in detail; the third program deals with France's attempts to encourage Arab countries to act in unison for their own self-interest. It appears the times shown above are correct—some of the times shown in the *BBC On Air* magazine differ from those above.

Saturday, September 11<sup>th</sup>, 1800–2200 UTC: The *Last Night of the Proms* musical extravaganza airs live on shortwave to the Europe, Middle East and Africa, and will probably reach the east coast of North America for all or part of the program, depending on the special frequency the BBC chooses. This frequency hasn't been announced yet; watch the *NASWA Flashsheet*, listen for the on-air announcements, or check out the *swprograms* e-mail list group as the date approaches. The concert will also likely be webcast on the domestic **Radio 3** service with a decently high bandwidth for those with broadband Internet connections.

Mondays, 1406, Tuesdays 0006 and 0506, and Sundays, 2306, beginning September 13<sup>th</sup>: *Inside Putin's Russia* is a four-part series reported by longtime BBC Moscow correspondent Bridget Kendall, who travels from large cities to small towns, talking to people about life under President Putin. Has Russia truly shaken off its Communist past, or does the combination of state control, rampant corruption and dire economic need perpetuate a condition of enslavement?

Wednesdays 1406, Thursdays 0006, and Sundays, 1006 and 1506, beginning September 29<sup>th</sup>: *Heritage*, the semi-regular series on history and architecture hosted by Malcolm Billings, returns for a five-week run of new programs. Billings investigates the process UNESCO, the United Nations' cultural organization, identifies World Heritage sites and looks at the efforts countries go through to have their historic sites added to the UN's list. Billings visits locations that have been designated World Heritage sites in 2004, including Venice, Liverpool, Spain and Cyprus.

## Swiss Radio International update

As I speculated, these special *Assignment Switzerland* programs are aired on shortwave at 2330 UTC on 11905 and 9885 kHz, with new programs beginning each Saturday. A total of six editions of *Assignment Switzerland* have already been posted at the SRI website; click "English", then "Multimedia", then "Assignment Switzerland".

## Non-Shortwave pick: Switzerland In Sound

Speaking of Switzerland in a happier time—courtesy of Glenn Hauser, I spotted this website—<http://www.switzerlandinsound.com/>—a website founded and maintained by Bob Zanotti, one of the "two Bobs" who together hosted *Swiss Shortwave Merry-Go-Round* on **Swiss Radio International**. Bob has created an archive of 50 audio documentaries of varying length, all available for on-demand listening; Bob also markets his capabilities for voiceovers. He's joined us twice at the Winter *swl* Fest, and it's been a pleasure for me to spend time talking radio with him both times.

When you load the website, you'll see a link labeled "The Two Bobs". Click it, and you'll be taken to the page for an hour-long program Bob Zanotti made with his longtime partner and friend, Bob Thomann, this past January.

Great to hear both Bobs "on the air" once again, even if it isn't "radio"!

That's all for September—see you in October!

73 DE Richard



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## 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*. The data is provided by *NASWA Journal* and *Monitoring Times* columnist John Figliozzi, and comes from his book, *The Worldwide Shortwave Listening Guide*. Visit the Guide at <http://www.anarc.org/naswa/swlguide/>.





# Shortwave Center

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## A DXer's Technical Guide

Edited by Nick Hall-Patch

Reviewed by Richard A. D'Angelo

Recently released is the fourth edition of *A DXer's Technical Guide* (the "Guide"), which is now available from the International Radio Club of America (IRCA) Bookstore. Even though it is oriented primarily for the medium wave DXer, the *Guide* is chock full of useful information that a shortwave listener will find handy. This handy little number is filled with valuable information and makes a great reference in the radio shack. Although designed for a technical audience, hence the name, the *Guide* is easily enjoyed by the average radio enthusiast with an interest in the subject matter. The *Guide* is recommended reading for anyone with an interest in receiver reviews and antennas no matter where your primary radio listening interests happen to be. This is a good book that provides a boatload of useful information.

Published by well-known medium wave DXer Phil Bytheway for the IRCA, the *Guide* is edited by Nick Patch-Hall. Karl Zuk and NASWAN Tim Noonan provided the proofreading helping to ensure accuracy of this 188 page 4 x 6-inch spiral bound soft covered book. In the *Guide* you will learn about the principles underlying the design of successful receivers, antennas and receiving accessories, find reviews of the best commercially available DXing equipment in different price ranges, as well as detailed instructions for building one's own antennas and other DXing aids. Although its focus is on the technical backdrop to medium wave DXing, it will also be of interest to serious shortwave listeners and low band radio amateurs.

It's been six years since the third edition was published. This volume sees the impact

of the effect of the personal computer and advancing technology on the hobby. Digital signal processing (DSP) and computer controlled communications receivers have become common place. DXers are using personal computers not only for receiver control but to record and process audio from DX sessions in addition to basic record keeping and reference material. The analog world has seen important advances too in antenna design as well as the basic principles of DX reception, which have not changed. There are many references to Internet sites because so much technical information and material is only available through this medium.

*A DXer's Technical Guide* is packed with articles and information from some of the top names in the radio hobby. Well known radio people and technical experts such as Guy Atkins, Chuck Bolland, Bill Bowers, John Bryant, Phil Bytheway, Mark Connelly, Nick Hall-Patch, Harry Helms, Chuck Hutton, Grant Manning, Bruce Portzer, Ralph Sanserino and Gerry Thomas are among the more than two dozen contributors to the *Guide*. The entire operation is reminiscent of the technique employed by the *fine tuning* Proceedings gang more than a decade ago. Gather high quality technical articles, receiver and equipment reviews, antenna projects, etc written by experts with an editorial review and proofreading process. The result is a high quality product that is sure to be of value to shortwave listeners in addition to the primary target audience of medium wave radio enthusiasts. By the way, the articles are well written and understandable for most radio enthusiasts. You do not have to be technically inclined to appreciate and enjoy the material covered in the *Guide*.

Here's a brief rundown of the major sections of the *Guide*. The first section addresses Receiving Medium Wave DX. The second section moves on to Receiver Reviews. This section is subdivided into portables, car radios, tabletop radios, PC controlled radios, communications receivers and vacuum tube communications receivers. Next is an interesting section about Receiving Accessories. The fourth section covers antennas from random wires, whips, beverages, loops, ground and noise reduction to phasing units. Finally, the fifth section gets into receiver modification and design issues. The *Guide* closes with appendices for construction techniques, and information about equipment suppliers. This is a comprehensive reference filled with a lot of great reading that does a nice job of filling the void left after the *Proceedings* series ran its course.

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Copies of *A Dixer's Technical Guide* are available direct from the IRCA Bookstore, 9705 Mary Ave. NW, Seattle WA 98117-2334 for only US\$17.50 in North America and US\$20.50 overseas. Make checks and Money Orders payable to Phil Bytheway, who operates the IRCA Bookstore.

If you have an interest in medium wave DXing, you may want to check out membership in the IRCA. The club has been around since the

early 1960s and does a great job covering the medium wave broadcast band and includes the tropical bands in its DX Worldwide column. The club's bulletin, *DX Monitor*, is published 30 times a year with valuable and interesting information on medium wave radio stations and DX listening. The bulletin is also available electronically in text only and as a PDF document. Although the PDF version contains the identical contents as the printed *DX Monitor*, the text only version is lacking the graphics. The IRCA's dues structure is set up to accommodate how members want to receive their DX news and information. The price of *A Dixer's Technical Guide* is reduced to just US\$15.00 in North America and US\$18.50 overseas for members. A "soft" membership in the IRCA is only US\$10.00 per year to any location, which allows for the discount. The printed version of the *DX Monitor* costs \$30.00 to the USA, \$36.00 to Canada, \$48.00 airmail to Central America and the Caribbean, and \$50.00 airmail to Europe, North Africa, Middle East, and \$51.00 airmail to the rest of world. For more information, dues, or address changes, write to: The International Radio Club of America (IRCA), P.O. Box 60241, Lafayette, LA USA 70596. The above P. O. Box can also be used to receive a sample copy of the *DX Monitor*, for one first class (US) stamp. A sample copy of IRCA's electronic version of the *DX Monitor*, the Soft DX Monitor (SDXM), send an e-mail to: Phil Blytheway at <phil\_tekno@yahoo.com>.

I can easily recommend purchasing a copy of *A Dixer's Technical Guide* published by the IRCA. The *Guide* is a solid reference work filled with timely and useful technical information. The two jumbo sections, the Receiver Reviews in Section II and Antennas in Section IV, provide tremendous value for the money. While some of the information can be very technical, after all it is a technical guide, it is not beyond the grasp of the average radio hobbyist interested in learning more about the equipment used in our great hobby. A copy of *A Dixer's Technical Guide* will be utilized on a regular basis for its outstanding reference value. Get your hands on a copy today!

# News From The First Church Of Christ, Scientist Boston, Massachusetts

FOR IMMEDIATE RELEASE

Friday, June 04, 2004

CONTACT: Ethel Baker

Manager, Public Communications

617-450-3082

The First Church Of Christ, Scientist, Announces Sale Of WSHB To LeSEA Broadcasting Corp.

The First Church of Christ, Scientist, in Boston, Massachusetts today announced the impending sale of its shortwave station, WSHB, South Carolina, to LeSEA Broadcasting Corp., an Indiana-based broadcaster specializing in non-denominational Christian programming. The sale will take place once the FCC has completed its review of the agreement. The sale price will be \$2 million.

"We're especially delighted that LeSEA has agreed to keep most of WSHB's excellent staff onboard," said Catherine Aitken-Smith, Broadcast Director of Broadcast and Multimedia Services for the Church. "LeSEA has acquired not only a top-notch broadcast facility, but the kind of first-rate professionals who really know how to run it."

Earlier this year, the Church announced plans to cease its broadcasts from WSHB, while The Christian Science Publishing Society—the Church's wholly-owned subsidiary—planned new activities to make the ideas in Mary Baker Eddy's landmark work on spirituality and healing, *Science and Health with Key to the Scriptures*, more available and accessible worldwide. "It's become clear to us that we don't need to actually own broadcast facilities in order to distribute programs," Aitken-Smith said at the time. Aitken-Smith also said that the Publishing Society had begun investigating several distribution solutions and technologies

that, in combination, would help the Church "reach people wherever they are, reliably, and at a reasonable cost."

The Publishing Society initiated its shortwave broadcasts from WSHB in 1989. Mary Baker Eddy, the Church's founder, established The Christian Science Publishing Society in 1898. The Publishing Society publishes religious magazines in 12 languages as well as *The Christian Science Monitor*, an international daily newspaper.

During this planning period, many of the Publishing Society's broadcast activities will continue: Programming will be heard throughout Europe, Africa, and South America on local radio, where the programs are supported by local funding sources. Listeners with access to the Internet are also invited to log on to where they will find access to a variety of Webcasts and local broadcast listings.

- A selection of programs of *The Herald of Christian Science* in French, German, Portuguese, Russian, Spanish, and other languages. (audio)
- The *Christian Science Sentinel*-Radio Edition in English (audio)
- The Sunday Church Service from The Mother Church in English and, beginning in June, 2004, Spanish. (audio Webcast)
- The Weekly Bible Lesson in English (audio and video)

The Church also sponsors an online community where anyone can search the text of *Science and Health*, and participate in discussions and Webcast events. And the Publishing Society hosts , which publishes a daily column about Christian Science. Listeners are invited to send questions and comments to or The First Church of Christ, Scientist, PO BOX 1524, Boston, MA, 02117-1524, USA.

# The Master of the World

By Terry Alan Klasek

(This is 100% true! Enjoy)

## The Vision:

The grandest dream of man from time memorial has been the conquest of the known world. Alexander, Hitler, Caesar, and Napoleon were but a few of those lofty visionary dreamers of the past that sought to conquer the world. It is, however, instructive to note that there has never been a totally complete conquest of the known world until I came, I saw, and I conquered! Where all of the other would-be Conquerors have failed, only I have succeeded! The fantastic curiosity about my conquest of the world was that it occurred non-violent, with not one drop of blood being spilled!

Alas, dear reader, I perceive that you think me either mad or pretentious, and that my assertions are an impossibility. I will, therefore, hasten to promulgate to you within this treatise abundant documentary proof that what I have said is fact, and simultaneously enlighten your unbelieving mind. The impetus to this remarkable occurrence was, "when faced with nothing to do, then one simply creates something to do!"

It was a cold, gray depressing day, and the trees appeared as stark and lifeless reflections of their former selves. It was Saturday, October 24, 1964, which was a date to go down in infamy. Two young men were relaxing before a fireplace in heavy chairs having recently completed a hot session of conducting trio sonatas. The two inseparable friends were Stanley Glass and myself. We were devising new methods in combating the archenemy of all teenagers, namely boredom! We finally decided to declare a state of war on boredom by vowing

to keep thinking up new and novel things to do that were intensely interesting. As that fateful October afternoon progressed Stan and my discussions turned, once again, to challenging new and innovative ideas in combating our old foe.

I was relating to Stan that during the previous year I had written letters to some foreign leaders and U.S. governors to attain knowledge indigenous to their location, while boosting my ego in receiving lots of mail! I further promulgated the cogitation that high school seniors receive little, if any, mail, and that I felt important receiving more mail than my parents. Stan complained readily to the same plight, and said he would like to receive volumes of mail to boost his ego while, more importantly, furthering his knowledge.

In a very short time we decided to write to foreign governments asking them for any printed matter, maps, flags, etc. on each nation's history, geography, government, culture, etc. We then came to the fateful decision to divide the world between us, and conquer!

## The plan and assault:

We mutually agreed to each of us "owning" one-half of the world, and when one of our selected countries replied with information we would consider it to be "conquered." Stan and I found this both appealing and exhilarating due, in part, to our fanatical love of history. We laid out a large wall map on the floor after dinner, and proceeded to energetically divide the world between us.

It started thus:

"I'll take Japan and Egypt," Stan said.

"I'll take Germany and Czechoslovakia," Terry said.



"I'll take Taiwan and Liechtenstein," Stan said.

"I'll take the U.S.S.R., Monaco, and San Marino," Terry said.

On and on this went deep into the evening until finally we each "owned" one-half of the world's nations. Stan ended up with the Orient, South America, 2/3 of Africa, Mexico, Canada, and two small European nations. I ended up with Europe, the Communist Bloc, 1/3 of Africa, part of South America, the U.S., and most of the Island nations of the Pacific.

Immediately following the "great division" a non-aggression treaty was drafted and signed by Stan and myself. It was stipulated that neither of us could write to the other's countries without first securing the permission of the conqueror. Non-conquered countries were the sole properties of the prospective conqueror. Thus was the world divided between Stanley Neal Glass and Terry Alan Klasek! The next afternoon "Operation: Mit Flugpost (via air mail in German) was unleashed against an unsuspecting world and the U.S. Postal Department.

During the next three weeks all of Stan's and my letters were written, logged, and mailed. Without the assistance of our parents in providing about 1/3 of the required postage we might not have gotten started. Determination, aggressiveness, and a capitalistic outlook favored us as the early heavy snowfalls provided us a means of earning postage and stationary money. A log was kept recording the dates the letters were mailed and replies received. Now the hardest part of the campaign came into play. This was waiting for the replies to appear.

To our surprise replies started to arrive within two weeks of our first great assault upon the mailboxes. Liechtenstein, Belgium, and France all sent letters stating that a parcel of materials was being forwarded via surface mail. Most nations sent parcels by surface mail, but some of the larger ones sent them air mail either registered or certified.

During January 1965 numerous packages were delivered to Stan and I from the proverbial four corners of the world! As soon as the parcels arrived compared, and a free exchange of materials and knowledge took place.

During February and March 1965 not one day went by without a country responding with a package at each conquerors home. Stan and Terry, during this time, transported their daily "plunder" to Roosevelt High School for display to their teachers and anybody who showed any shred of interest. We ran off at the mouth freely at the mere mention of a nation's name, and were soon avoided by everybody except those students wanting help with schoolwork. However, teachers and peers alike supported the "conquerors" in the quest for knowledge.

Unfortunately, the mailman, upon whose route both houses were located, did not appreciate our passion for knowledge. He persistently was muttering vulgar and loathsome imprecations in retaliation for having to carry all the extra weight of the packages to which we vouchsafe, "just do your job with a smile," and bade him vanish in haste.

In early March 1965 this world conquest came to the attention of Mrs. Polly Nash, spotlight on youth editor for the St. Louis Globe Democrat, who interviewed Stan and Terry at the latter's residence. The resulting article, "Armchair Global Jackpot" appeared in the March 25, 1965 issue (see page 8). After that Stan and I were called many names at school, but, at least, we were now noticed!

Meanwhile, responses continued to flood in from far off lands with strange sounding names from the sublime to the ridiculous. The replies varied from a terse note from Albania that suggested we drop dead to a mammoth goody U.S.S.R. that weighed 31 pounds! The Soviet reply featured newspapers, maps, flags, books, and other printed in English that provided a font of knowledge.

Needless to say the larger nations usually sent the larger packages, while the smaller

ones promulgating the least. Stan and I received maps of numerous cities, nations, and historical areas from nearly all of the conquered nations further, we received a library of books, magazines, post cards, newspapers, photographs, and a sundry of other printed materials. I received many photos of heads-of-state and noted personalities that I specifically requested in my letters. Marshall Tito of Yugoslavia sent his photo personally autographed in the Cyrillic language, and personally autographed photos arrived from Winston Churchill and Prince Rainier and Grace Kelly of Monaco.

## **Betrayal and Blitzkrieg:**

In June 1965 I proved, once again, that history has a bad habit of repeating itself. I took on the guise of Adolf Hitler by violating our non-aggression treaty by writing to every one of Stan's nations within a week. Naturally, it was without asking his permission! The reason for this unprovoked maneuver was that I had contracted a dreaded disease common to all conquerors - "Greedi-*us Maximus*." Stan was tiring of the campaign at this time to, of all things, work, and quietly dropped from the scene when I pronounced myself "Emperor of the World" on June 15, 1965. Writing to all of Stan's countries put me into an advanced case of "Greedi-*us Maximus*." About a week after I had "plundered" Stan's nations I still felt far from satisfied!

It finally hit me that I was suffering from a pathological desire for knowledge, and I wondered if it would ever end, it didn't. I was far from satisfied after my elimination maneuver on Stan, and I decided that I was not to be outdone by anybody else's or even my own greed! The idea struck me that I could write to the United Nations for a list of member embassies, consulates, and information centers. Within a week after writing the magic list appeared, and I wrote to all of them within the next two weeks. My advanced case of "Greedi-*us Maximus*" had now become acute! However, believe it

or not, I was still far from satisfied, and I still was determined not to be outdone by even my own super greed. So I launched "Operation: Unbelievable Greed!"

## **Radio Wars:**

In early July 1965 a friend of mine sold me a Magnavox AM/Short Wave radio for \$5 that came out of an old console. After a trip to a local electronics store for a 1965 WRTVH and 300 feet of copper wire and insulators I scurried home. I sat transfixed listening to the world's short wave stations like BBC, Radio Nederland, Deutsche Welle, Voice of America, Radio Moscow, and HCJB in Ecuador to name a few. These stations aired programs in English for North American audiences during the hours of darkness. These programs are jammed with a wealth of information covering all aspects of that nation's culture, and much knowledge that I had not found in other sources.

Within the first month I had logged over 75 stations in 63 countries, and the idea of writing to these stations manifested itself to me almost at once. These stations announced that they welcomed letters from listeners reporting technical data on the reception quality, program details, with the frequency and time of the reception, and they would respond with a verification card. When my first mailbox of "QSL Cards" arrived I was hooked! I knew that I would be a Short Wave radio listener for life, and my acute case of "Greedi-*us Maximus*" had now become terminal!

I started a local club for radio DXers in 1979, and we began holding monthly meetings. We shared loggings of stations heard, QSLs received, and just had fun. When I announced that I was the "Emperor of the World," and that they should show me proper deference they insulted me by laughing persistently! They never did stop laughing, and I was disappointed! <hi!>

What had started out as an ego trip to get volumes of mail delivered turned out

to be a relentless and pathological desire for knowledge! The net result was having 637 pounds of mail delivered to my home between October 1964 and October 1965! I readily took in and stored in my memory a vast amount of knowledge and facts, and I read everything mailed to me. I had hand written 693 letters during the campaign, and have been undefeated in trivia games since I started playing them in October 1967!

## The Hiatus:

During the summer of 1965 my name became a common curse at my local Post Office, and that for obvious reasons. Starting in May 1965 the Post Office began sending my packages on the Parcel Post truck with the commercial bulk mail. When I joined the U.S. Navy in mid-October 1965 my mailman was the only person really glad to be leaving. When I told him the news the day before I left for Boot Camp he ran around wildly gesticulating like a roach running from a can of Raid! I donated most of my "plunder" to my high school and St. Louis City Public Libraries. I have always believed that knowledge was totally useless unless it was shared!

I served two tours of duty in Vietnam while in the Navy, and I purchased a good short wave radio as soon as possible. I began DXing, long distance listening, almost like one possessed. I corresponded with pen pals in five countries as I got free postage privileges in a war zone. Imagine my surprise when I was called into the Commanding officer of Naval Support Activity—Da Nang's office to be confronted by two C.I.A. operatives. They acted like they were unaware that I was the "Master of the World." I was "questioned" for over two hours about what I was writing to my pen pals and the radio stations. They confiscated all my letters, envelopes, and, worst of all, my QSL verification cards! I suppose they thought I had microdots hidden under the stamps or some other cloak and dagger scenario. The only reason they gave me was that it was in the Interest of national security!

## The Emperor Restored:

I dabbled with radio off and on since 1967 when I was discharged from the Navy, and passed the test for a Third-class Radiotelephone license from the FCC. I had ideas of working at a radio station then. In 1979 I got back into radio with a fanatical vengeance. I purchased a series of quality short wave radio receivers with unexpected surplus funds, and tried to buy out the Post Office in the area of foreign stamps, International Reply Coupons and aerogrammes.

I DXed every night, and often during the day as well for the next five years. Most nations broadcast in English towards the North America with programming about their nation, culture, geography, peoples, and lots of fascinating topics. The lure of special verification post cards grabbed my attention as well. Maps of nations, famous paintings and buildings in countries are my favorites.

Now, in 2004 I have over 2,500 QSL verification cards and letters from Short Wave and AM DXing. My veries are from about 1,600 stations in numerous languages. I have verified stations in 223 different nations, and will keep trying for more as they become available. I have received over 100 diplomas and certificates from these stations and various radio clubs that I could probably wallpaper my home.

I have learned extensive knowledge, most of which I retained, about different peoples, cultures, and nations of the world, and I would do it all over again even if I could not be "The Master Of the World." AHA!! The song "Here Comes the Rain" is coming through my short wave radio receiver, and that national anthem means that Sierra Leone will soon be on the air. Well, naturally, I have just got to listen in again!

The End, maybe?



# Scoreboard

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This month we are highlighting our members' totals from Europe. This is your chance to show everyone how well you are doing. The next deadline is November 15<sup>th</sup> for the December 2004 issue of the *Journal*. The spotlight will be on North and Central America.

Name, State	Total		Europe		Best Europe QSL
	c/H	c/V	c/H	c/V	
Marlin Field, MI	244	244	46	46	EMR, England (10 w.)
Jerry Berg, MA	244	244	47	47	Polish Pathfinders Station (1kw.)
Tom Williamson, ON	243	230	46	45	Tallin Estonia
John Sgrulletta, NY	240	240			
Harold Cones, VA	234	232			
Steven R. Lare, MI	234	216	45	44	Karelo-Finnish
Rich D'Angelo, PA	225	221	46	46	Karelian R Karelo-Finnish SSR
Chris Lobdell, MA	224	221	44	44	R. Mi Amigo - England (22 w.)
Sheryl Paszkiewicz, WI	224	216	44	44	Estonia
Paul Buer, FL	218	207	44	43	R. Dublin Limited (200 w.)
Dan Robinson, MD	217	185	38	36	R. Andorra
Jerry Klinck, NY	220	202			
Ron Howard, CA	212	200	34	34	RIAS Berlin
Jerry Johnston, KY	209	138	40	35	R. Alfa Lima International
George Maroti, NY	204	195	43	42	WMR Scotland
Stephen Price, VA	193	174	40	40	Sicily Uno
Ross Comeau, MA	192	168	44	41	WMR Scotland
Allan R. Loudell, DE	192	167	40	38	R. Renascenca, Portugal
James R. Renfrew, NY	187	156	42	41	RAI Sicily
Gary W. Froemming, AZ	184	44	40	14	RID Time Station
Bob Raymond, NH	175	150			
Scott R. Barbour, NH	156	99	34	29	TDF CCETT experimental DRM
George L. Glotzbach, NM	154	136	40	39	Deutschland Radio, Berlin
Scott C. Newman, IN	148	113	34	29	R. Luxembourg
Jilly Dybka, TN	145	108	37	34	R. Luxembourg
Paul Brouillette, IL	141	118	36	34	AFN Sigonella, Sicily
Gary R. Neal, TX	134	123	38	37	R. Europe (500 w.)
Edward G. Stroh, IL	132	102	37	35	R. Romania
John Mosman, WI	120	120	32	32	R. Luxembourg

# Listener's Notebook

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

## AFGHANISTAN/UAE/UK "Salaam Watandar,"

Service for Afghanistan. The mixed Dari/Pashto broadcast which you detected is called "Salaam Watandar," originates in Kabul and is heard at 11795[UAE] kHz from 0130-0300 UT and at 17700[UK] kHz from 1330-1500 UT. The broadcasts originate from Merlin's txs in Rampisham, UK and (500 kW) and Dhabayya, UAE (250 kW), respectively. (DXplorer Aug 10/BC-DX/Bueschel-DE)

Shortwave broadcasts are expected to continue through September 15, 2004.

The contact address is: David Trilling, Program Associate, Internews Afghanistan, Baharistan, Karti-Parwan, Next to Haji Mir Ahmed Mosque, Kabul. telephone +93-70-220-243, E-mail <david.trilling@internews.org> (Takahito Akabayashi-JPN, WWDXC TopNews Aug 10/BC-DX/Bueschel-DE)

**ALBANIA** Last week, all **Radio Tirana's** transmissions via our Cerrik radiostation are already transferred to our Shijak radiostation, where the Chinese installed two new HF Transmitters, each 100 kW.

Therefore, we are interested to receive from you, some new reception reports on Radio Tirana transmissions via Shijak radiostation. We have always highly appreciate them.

Attached, please find our A04 Schedule, last updated on April 2, 2004. I will update it, once I come back from vacations.

Cerrik radiostation is totally rent by CRI for 15 years, where they will install soon six new HF Transmitters, each 150 kW, as I was told from the head of Cerrik radiostation sometime ago. (Drita Cico, via Rudolf Krumm-D, BC-DX Aug 11)

0145-0200	English	Cerrik/100	6115	1760	Tu-Su
0231-0300	English	Cerrik/100	6115	1760	Tu-Su
0630-0800	Albanian	Cerrik/100	7110		
0801-0900	Albanian	Cerrik/100	7110		
1800-1830	Italian	Cerrik/100	7240	Mo-Sa	
1845-1900	English	Cerrik/100	7210	9520	Mo-Sa
1900-1930	French	Cerrik/100	9520	Mo-Sa	
2115-2130	Serbian	Cerrik/100	7295	Mo-Sa	
2130-2200	Albanian	Cerrik/100	7295		
2130-2200	English	Cerrik/100	7130	Mo-Sa	
2300-0030	Albanian	Cerrik/100	7270		

(Via Drita Cico, Radio Tirana April 5/BC-DX/Bueschel-DE)

[I'm confused. Are these via Cerrik or Shijak?-AQ]

## AUSTRALIA/ECUADOR HCJB Australia, A04 Revised Schedule, through 30 October

0100-0230	English	15560
0230-0300	Urdu	15560
0700-1100	English	11750
1100-1230	English	15425
1230-1330	OTHER	15405
1330-1430	OTHER	15405
1430-1800	English	15390
2230-0100	English	15525

(Alokesh Gupta, India)

**AZERBAIJAN Voice of Azerbatjan**, 6110.7-6110.8v, 1700 English, 1730 Russian, 1800 Relay Radio Liberty in Azeri // 11865. (Vasily Gulyaev, Astrakhan-RUS, RUSdx Aug 8/BC-DX/Bueschel-DE)

**BOLIVIA** 4684.31, **Radio Paititi** (p), Guayaramerin, Beni Dept., 1040, Aug 08, romantic music in Spanish. (Slaen-ARG/DSWCI DX-Window/Petersen-DK)

4716.7, **Radio Yura** (t), Yura, 2238-2247, Jul 29, Spanish (t) talks. (Goncalves-POR/DSWCI DX-Window/Petersen-DK)

4763.31, **Radio Chicha** (ex Radio and Television Chicha), Tocla, Potosi Dept., 1053-1103, Aug 08, Spanish/Aymara, s/on with typical Andean music. At 1100 complete ID by M and W as: "Esta es Radio Chicha, desde Tocla, provincia Norchichas, en el departamento de Potosi, transmitiendo en 4760 kilociclos, banda de 60 metros y...en frecuencia modulada...Radio Chicha." Then complete ID by M and W in Aymara. Ann and other ID as: "Asi es amigos, esta es Radio Chicha, haciendole compania, nuevamente junto a usted." Local songs. Also heard 2306-2332 on Jul 30. (Slaen-ARG/DSWCI DX-Window/Petersen-DK)

5927, **Radio Difusoras Minera** (t), Oruro, 2214, Jul 30, Spanish (?), chorus; (Goncalves-POR/DSWCI DX-Window/Petersen-DK)

6054.32, **Radio Juan XXIII**, San Ignacio de Velazco, 2203-2213, Jul 31. Spanish news bulletin with national information. (Slaen-ARG/DSWCI DX-Window/Petersen-DK)

6155, **Radio Fides**, La Paz, 2241-2251, Jul 28, Spanish, advs, pops, ann, TCs, talks // 9624.7. (Goncalves-POR/DSWCI DX-Window/Petersen-DK)

6585.31 **Radio Esperanza**, La Paz, per Dave Valco tip, and logs in Cumbre, 1010 to 1030 with some audio [13 Aug.], 0930 weak audio [14 Aug.] and



mixing with UTE 1020-40 on 16 Aug (Bob Wilkner-FL, Cumbre DX/DX Listening Digest/Hauser-OK)

**BRAZIL** 2370 *Radio Cacique*, Sorocaba, SP, 2352, Aug 05, football match Sao Bento versus Atlantico Sorocaba; new frequency, ex nominal 2470. (Ivan Dias Junior, Brazil via Romais in @tividade DX/DSWCI DX-Window/Petersen-DK)

2380 *Radio Educadora*, Limeira, 1000-1015, Aug 13, Portuguese ann: "...Bom Dia...radio Educadora...", vocal music (Wilkner-FL/DSWCI DX-Window/Petersen-DK)

I received the following information from Pedro MC de Castro, DX Clube do Brasil President upon my inquiry as to the Guaruja situation on 3230 and 3235: "*Radio Guaruja's* 3235 transmitter is not located in Guaruja but in Marilia SP, 440 km away. This is obviously a very bad layout, so they assembled a new transmitter in Guaruja. In some occasions it operated replacing Marilia, but now they moved 5 kHz down and are relaying the FM program. I would say that they are testing this transmitter's range and reliability before they shut down Marilia's transmitter. Surprisingly, they don't cause mutual interference. (Sgrulletta-NY, Aug 10 in Dxplore/DSWCI DX-Window/Petersen-DK)

4755 *Radio Educacao Rural*, Campo Grande, MS was off air in this frequency yesterday and today local mornings. (Slaen-ARG/DSWCI DX-Window/Petersen-DK)

**CHILE** *Christian Voice/Voz Christiana* cancelled the following transmissions:

2000-2300 Portug. 15365

2000-2400 English 11665

(Observer-BUL)

**CHINA** Frequency change of *China Radio International* via KUN 500 kW:

1600-1700 Arabic NF 11810\*, ex 11915, //  
17880,15440,15125,11730,7  
160.

Change for China National Radio in Kazakh/Uyghur/Mongolian:

1400-1700 NF 9430, ex 9455

Additional freqs for China Radio International:

0000-0100 13600 URU 500 kW Chinese  
0100-0200 7240 9695 KAS 100 kW Urdu  
0100-0200 13640 KAS 100 kW Chinese  
0100-0400 11770 KAS 100 kW English  
0200-0230 11860 KAS 100 kW 17890 KUN 150  
kW Pashto  
0200-0230 9765 KAS 100 kW Pashto  
0200-0300 9655 11640 KUN 150 kW Bengali  
0300-0400 13600 URU 500 kW Chinese  
0300-0400 15110 17500 KAS 100 kW English  
0300-0400 15350 15465 KAS 100 kW Hindi  
0300-0900 13720 KAS 100 kW English  
0400-0500 15350 17540 KAS 100 kW Chinese

0500-0600 15350 17540 KAS 100 kW English  
0600-0700 11740 13620 15350 15465 17540 KAS  
100 kW English  
0700-0900 15350 15465 17540 KAS 100 kW  
English  
1300-1400 9610 11640 KUN 150 kW Bengali  
1400-1600 11775 13775 KAS 100 kW Urdu  
1500-1600 11965 URU 500 kW Chinese  
1500-1600 11800 13620 KAS 100 kW Tamil  
1600-1700 11965 URU 500 kW English  
2300-0100 5905 KAS 100 kW Russian  
(Observer-BUL)

**CHINA-TAIWAN** *CBS Radio Tatwan Int'l* current schedule as follows:

[Sorry for the two different formats, I couldn't make it work with just one-AQ]

1. **VARIETY NETWORK ONE** (in Chinese) 2200-0200, 0400-1700 (Mo-Fr 0800-1000 sign off)

6085 0800-1500 (0800-0900 Sa/Su) alt  
6140 6280

6150 2230-0000

7270 2230-2300

7185 0900-1400(0900-1000 Sa/Su) alt  
7365 7425

9680 1400-1700

11640 0000-0200 alt 11625 11645

11640 0400-1400 (0600-1000 Sa/Su) alt  
11625 11645

11665 0900-1700 (0900-1000 Sa/Su) alt  
15060 15625

11730 0400-0900 (Sa/Su) alt 11765

11875 1100-1400 alt 11795 11855

11885 2230-0200 alt 11865 11970 11985

11985 0400-0600 alt 11970

15245 0000-0200 alt 15345

15265 1500-1700

15430 0400-0900 (0600-0800 Sa/Su) alt  
15335

2. **VARIETY NETWORK TWO**: Program: repeat some of **VARIETY NETWORK ONE** 0500-0600/15270

0900-1100 9415

1300-1500 7105

**PROGRAM**: repeat 0400-0500 of **VARIETY NETWORK ONE**

0400-0500 5950U 9680U 15320 15270

0900-1000 11715 11605 11635 11720 15525

1200-1300 15465 11605

1300-1400 15265

1900-2000 15600U 9645U

2200-2300 3965F

3. **NEWS NETWORK** (in Chinese) 2200-1700 (Mo-Fr 0500-0900 sign off)

6150 2300-0000

7105 0900-1400 alt 7310 7365

9790 2300-0000

9780 0900-1700

11635 2200-0000

11710 2200-0300 alt 11780 11770  
 11715 1100-1200  
 11780 1100-1700 alt 11710 11770  
 11885 2300-0000 alt 11865 11970 11985  
 11930 0100-0500 alt 11940  
 15215 0300-0500 (0500-0800 Sa/Su) alt  
 15175 15235  
 15245 2300-0000 alt 15345  
 15290 0200-0500 alt 15105  
 15395 0900-1300 alt 15175 15215  
 5950U 2200-2400  
 15440U 2200-2400

**4. Mainland NETWORK ("Date with Taipei" features program)**

0600-1000 11795  
 1400-1800 7515 6060  
 2300-0300 9660 9680

**5. DIALECT NETWORK (in Amoy Hakka Cantonese Mongolian Tibetan)**

0000-0100a Hakka 5950U  
 0000-0100a Amoy 15440U 11875  
 0100-0200a Canton. 5950U 15440U 15290  
 0100-0200b Amoy 11875  
 0200-0300a Hakka 15440U  
 0200-0300b Canton. 15610  
 0300-0400b Hakka 15160  
 0500-0600b Amoy 15580  
 0500-0600b Canton. 5950U 9680U NAM 15320  
 0600-0700a Amoy 15580  
 0700-0800b Canton. 9680 15320  
 0900-1000b Hakka 15465  
 1000-1100 Mongol. 11985  
 1000-1100a Canton. 11715 15270 11635 15525  
 1000-1100b Hakka 6105 6060  
 1100-1200a Hakka 11635 15465 6105 6060  
 1100-1200b Canton. 15270  
 1200-1300a Amoy 11715  
 1200-1300a Canton. 11915 6105 6060  
 1300-1400 Tibetan 9415  
 1300-1400b Amoy 11635 15465  
 1300-1400b Hakka 15175  
 1300-1400b Canton. 11915 6105 6060  
 1400-1500a Hakka 11915  
 1700-1800a Hakka 11875  
 2100-2200b Amoy 15130U  
 2200-2300a Canton. 11565

**a-PROGRAM A b-PROGRAM B**

**6. INTERNATIONAL NETWORK:**

0200-0300 English 9680U 5950U 11875 15465  
 0200-0300 Spanish 15215U 17845U  
 0300-0330 Korean 15465  
 0300-0400 English 5950U 15215U 15320  
 0400-0500 Spanish 11740U  
 0600-0700 Spanish 5950U  
 0600-0700 German 7520U  
 0600-0700a Thai 15270  
 0700-0800 English 5950U  
 0700-0800 French 7520U  
 0800-0900 Jpn 11605

0800-0900 English 9610  
 0900-1000 Vietnam.15270  
 1000-1100a Indones. 11725 11940  
 1100-1200 English 7105  
 1100-1200 Jpn 7130 11605  
 1100-1200 Russian 11985  
 1100-1200b Indones. 11725 11940  
 1200-1230 Korean 9415  
 1200-1300 English 7130  
 1200-1300 Burmese 15580  
 1200-1300b Indones. 11635 7105  
 1300-1400 Russian 11935  
 1300-1400 Jpn 7130 11605  
 1400-1430 Korean 9415  
 1400-1500 English 15265  
 1400-1500a Thai 15465 11635  
 1400-1500a Indones. 11875  
 1500-1600 Vietnam.11915  
 1500-1600 Burmese 9465  
 1500-1600b Thai 7105  
 1600-1700 English 11815  
 1600-1700 Arabic 11890  
 1700-1800 Russian 11615F  
 1800-1900 Arabic 11890  
 1800-1900 German 9565  
 1800-1900 English 3965F  
 1900-2000 German 6185G  
 2000-2100 Spanish 5960D  
 2000-2100 French 9635 15130U 18930U  
 2100-2200 French 9365F  
 2100-2200 German 11565U  
 2200-2300 Vietnam.9790  
 2200-2300 English 15600U  
 2200-2300a Thai 7130  
 2300-0000 Spanish 15130U 17805U  
 2300-2400b Thai 7130

**a-PROGRAM A b-PROGRAM B c-PROGRAM C d-PROGRAM D**

Relay via: U-Okeechobee, USA, D-Juelich, Germany, G-Skelton, UK, F-Issoudon, France

Relay stations via CBS:

**WYFR (World Family Radio):**

0000-0100 Hindi 15195  
 0100-0200 English 15195  
 1000-1100 Korean 7130  
 1102-1602 Chinese 7250 9280  
 1300-1500 English 11560  
 1500-1700 English 15520  
 1500-1700 Russian 9955  
 1600-1700 Hindi 11560  
 2100-2400 Chinese 7250 9280

**AWR-KSDA**

0100-0200 Vietnam.15445 Sa  
 1400-1500 Vietnam.15550

**Radio Australia**

0900-0930 Indones. 11550  
 2130-2330 Indones. 11550  
 2330-0000 Vietnam.15110

### Radio Free Asia

1400-1500	Vietnam.11605
1800-1900	Chinese 11665
2100-2200	Chinese 9920
2330-0030	Vietnam.11605

Clandestine station in Taiwan:

### Star Radio Broadcasting Station:

11430	Star Star Channel 1
15388	Star Star Channel 2
9725	Star Star Channel 3
8300	Star Star Channel 4
13750	Star Star Channel 5

NB: seems inactive due to cases of Mainland spy

### Voice of China:

0800-0900	Chinese 11940
2230-2330	Chinese 7270

### Among Lao Radio:

0100-0200	Laotian 15260 We/Fr [9515?]
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### Radio Chan Troi Mol New Horizon Radio):

1330-1430	Vietnam.17595v [questionable, nothing heard here lately, wb.]
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(Revised: Aug 10, via Miller Liu, Taipei-TWN, Aug 11, dxing.info via DXLD/BC-DX/Bueschel-DE)

**CLANDESTINE—ASIA 5102, Voice of Jammu & Kashmir Freedom** (believed via Pakistan), fair at best at \*1300 but usually much better by 1400 when they have En nx. On Jul 23 hrd a talk about India-Pakistan, ending at 1407 with "And that is the end of today's bulletin," brief vocal mx, then talk in lang. at 1410. Some light CODAR-sounding QRM (!) but VJKF easily on top; singing 1417, more talk, "Salaam Aleikem" 1424, talk, prayer 1419, spirited group singing, 1431\*. Also good at 1400 Jul 26 when introducing En prgm "Kashmir Panorama," which is apparently the name of the En nx prgm, or at least the prgm they were carrying that day. Nx reader was strong and clear, introducing ancr was harder to understand. (Jerry Berg-HI, DXplorer Aug 8/BC-DX/Bueschel-DE)

**CLANDESTINE—MIDEAST 6340 Voice of Iraqi Kurdistan** at 1630 UT, ID in Ar on new 6340 (x6325). First mentioned by Zacharias Liangas-GRC & x4085). (Rumen Pankov-BUL, BC-DX July 23/Bueschel-DE)

### CZECH REPUBLIC Some fq changes for RFE/RL:

0030-0200	Persian	del 775
0030-0600	Persian	NF 865, ex 795
0200-0400	Persian	del9615
0500-0700	Russian	NF 17695, ex 17730
0600-0700	Russian	NF 15130, ex 17810
1000-1100	Russian	NF 15130, ex 11725
1300-1330	Serbian	NF 15255, ex 17605
1400-1500	Russian	NF 11895, ex 9595

(Observer-BUL)

**FRANCE A** shortwave station with an extremely low transmitter power will be on the air in Paris, France, in September. *InnovRadio* has a temporary license to broadcast from Paris on September 5, and from Apremont, north of Paris, on September 9-19. The frequency will be between 25845 kHz and 25880 kHz, and transmitter power 1-10 watts, depending on the event to be covered. According to the decision by the governing body Conseil suprieur de l'audiovisuel (CSA), the antenna may be placed no higher than 30 meters off the ground. The news was first published by Thierry Vignaud on the fr.rec.radio usenet group, and by the Radioactu website (DX-ing.info, August 23/DX Listening Digest/Hauser-OK)

**GERMANY Deutsche Welle** has moved an intrusive DRM service in to the 75 band, using 3995, with "125 kW" from the Wertachtal site.

The official DW Wertachtal DRM authorization on 3995 for the remainder of A04 is 1800-1900 and 2200-0600

Monitoring here in Melbourne reveals that the DRM service is actually operating to the planned B04 schedule, which is 1600-1730, and 2000-0600, with 125 kW.

At present, the DRM transmission occupies a broad spectrum block extending from 3980 up to 4010. [more than tha! see below!]

For B04, this will cause extreme disturbance to these planned analog services:

3980	IBB Biblis, Germany 1800-2130
3985	IBB Biblis 0500-0600
3985	Iran, 1900-2030
3990	Islamabad, Pakistan, 1230-1815
3985	Beijing, China, 0800-1600
3990	Huhhot, China, 1230-1800 and 0000-0300
4005	Vatican, 0325-0745 and 1655-2310

It would appear that the DRM Consortium is running its operations "carte blanche," with little regard to the needs of established analog users.

The irony of this is that the ITU, through its HFCC group, is now imploring the DRM consortium to coordinate its operations responsibly, acknowledging that the agreed spectrum masks are of little benefit.

The HFCC/ASBU is meeting in Helsinki from Aug 23-27 to develop the B04 operational schedule, and it will be interesting to see what happens with DRM! (Padula-AUS/EDXP)

*[This thing is a monster, it occupies 3990-4000 kHz and obliterates everything in sight evenings here in eastern North America. U.S. amateurs who use 75 meters (and I'm one of them) are used to dealing with broadcast QRM, because that's the way the worldwide allocations play out, but they are hopping mad about this blatant disregard for bandsharing. I*

have sent email to the appropriate parties and regulatory agencies.—AQ]

Some DTK T-systems changes:

**Brother Stair/The Overcomer Ministries (TOM):**

1400-1500 English 6110, ex 1300-1500  
1400-1500 English 13810, ex 1300-1500

**Radio Chan Troi Moi/Radio New Horizon:**

1330-1430 Vietnam.17595 cancelled

**Minivan (Independent) Radio** in Dhivehi via JUL 100 kW:

1600-1700 Dhivehi 13855

(Observer-BUL)

A new non-official broadcaster (program?) has emerged, calling itself "*Radio Minivan - Friends of Maldives*," with regular programming is being promoted to start on August 25. Visit <http://www.friendsofmaldives.co.uk> (Padula-AUS/EDXP)

The independent *Minivan Radio* test broadcast on Wednesday night [Aug 18, 11525] at 2130-2230 Male' time was sabotaged by the Maldives government, when it hijacked the same frequency to transmit pro-Gayyoom propaganda.

A senior technician at the government's radio station, Voice of Maldives, was spotted in the street after the broadcast, saying on his mobile phone: "We'll do the same thing again tomorrow night."

International laws forbid registered frequencies to be hijacked in this manner, but the Minister of Information, Arts, and Culture, Ibrahim Manik (Sammarey), Gayyoom's brother-in-law, who controls radio, TV, and the print media in the Maldives, is no stranger to the violation of such laws.

TV Maldives, the government television station, for example broadcasts pirated VCD's of Bollywood films and songs (when its not showing Gayyoom propaganda), probably the only national TV in the world to do so.

Maldivians have had to pay the price for the culture minister's ignorance and infringement of international copyright laws.

Some years ago, TVM not only broadcast a pirated copy of a Bollywood blockbuster just days after it's release, it also unwittingly beamed the film via satellite to the Indian subcontinent. The film's producers sued the Maldives government and the treasury had to foot the bill.

Last night's sabotage is further proof of the minister's ignorance.

A commentator remarked, "Why did they have to transmit the Voice of Maldives signal on the Minivan Radio frequency, why couldn't they have played Tamil songs or something, so that people

don't know the government is carrying out the illegal activities?"

Sammarey is widely believed to be the most backward and ignorant member of Gayyoom's cabinet. He is also currently the second-most loathed minister (Yameen heads the top of this category now).

In the run-up to last year's presidential elections, when the dictator invited people to write to him with their views, most people are said to have advised him to get rid of Summer Blue Ibrahim Manik (Dhivehi Observer Aug 20/DX Listening Digest/Hausser-OK) [*Man, I wish our news media were that outspoken!*—AQ]

17870 *Radio Rhino International* is back on the air, sign on 1500 with African mx and identifications in English including Voice of Freedom and Democracy, Trini Lopez "If I Had A Hammer," nx in English including investigations into war crimes by Govt forces in Northern Uganda. Weak in poor propagation conditions. (Mike Barraclough-UK, Cumbre July 30th/BC-DX/Bueschel-DE)

**Radio Rhino International**

1500-1530 17870 Juelich Tu-Fr  
1500-1600 17870 Juelich Sa/Su (BC-DX/  
Bueschel-DE)

The *IBB Holzkirchen* site, locally disputed for many years, finally became property of the town, and they plan on dismantling the antennas as soon as possible. The former CIA site was turned over to IBB in 1995, and used for Radio Free Europe broadcasts. IBB determined it would be more cost effective to build a new site from scratch rather than dismantle the Holzkirchen site and move it elsewhere. A local celebration is planned for September 4. (Munich newspapers, via Wolfgang Bueschel-DE, A-DX July 31)

**GUAM** A once-in-a-lifetime opportunity to hear and QSL transmitter number 5 at the *AWR* station on the island of Guam will be available early in September as part of the annual listener contest in the DX program "Wavescan." In a modernization project, all four of the older shortwave transmitters in the Guam facility of Adventist World Radio were removed and replaced by five newer units that were obtained from South Africa. Previously, each of the four older units was connected to its own specific antenna. However, with the installation of a new matrix switch, any of the five new transmitters can be connected to any of the four curtain antennas. The last of the new transmitters, KSDA5, was installed earlier this year.

It is planned that the schedule for the special broadcasts from KSDA5 will enable this specific transmitter to be heard, not only in its intended target areas of Asia, but also in Europe and the Americas and beyond. These special broadcasts will

be on the air from Sunday September 5 through Sunday September 12 with programming in English. All international radio monitors, shortwave listeners and DXers are invited to tune in to these special broadcasts from KSDA5 and to send reception reports to the AWR address in Indianapolis. These reports may be submitted as part of an entry into the annual "Wavescan" DX contest which runs throughout the month of September, or they may be sent as separate items. All genuine reception reports on these broadcasts from KSDA5 will be verified with a specially endorsed QSL card.

Here is the schedule for the special KSDA5 broadcasts, which will be on the air in English from Sunday September 5 through Sunday September 12:

1330-1400	11980
1600-1630	15235
1630-1700	11975

The only address for the specially endorsed QSL card is: Adventist World Radio Annual DX Contest Box 29235 Indianapolis, Indiana 46229 USA (Dr. Adrian M. Peterson, DX Editor, Adventist World Radio)

Effective 15th August *TWR Guam* is to use 11720 kHz at 1330-1400 in Bengali, Boro and Santali to India, replacing 9920 kHz following successful test on 10th August. (dxasia website/Alokesh Gupta-INDIA) New Delhi, India

**INDIA** The officials of *AIR Super Power SW Transmitters* at Bangalore (6x500 kW) would like to get some feedback reports on their transmissions from listeners in Europe, in particular from the UK and also from Gulf and Australia. Those interested may contact Mr. R. Narasimha Swamy, Superintending Engineer by e-mail: [narasimhaswamy@yahoo.com](mailto:narasimhaswamy@yahoo.com). (Jacob-IND, Aug 19/DSWCI DX-Window/Petersen-DK)

**INDONESIA** 2960 *RPDT Manggarai*, July 18, at 1249-1310, INSn Jakarta Relay news and local ID. (Chigasaki-shi Yanagishima expedition, Hiroshi Tokusa-JPN, JPNpremium Jul 30/BC-DX/Bueschel-DE)

3325 *RRI Palangkaraya* Aug 13 1345-1405 INSn, Talk. 1359 ID and IS. 1400 ID. Local news. (Kouji Hashimoto-JPN, JPNpremium Aug 19/BC-DX/Bueschel-DE)

3344.98 *RRI Ternate* Aug 13 1303-1340 INSn, Jakarta nx reaty. ID at 1334. Music. (Kouji Hashimoto-JPN, JPNpremium Aug 19/BC-DX/Bueschel-DE)

3960.9 *RRI Palu* (pres) 1235-1302 Aug 10. Segued Indo vocals, no anmts until 1300:18, then M ancr briefly (ID?), SCI, and Jak program. Fair at tune-in; weak by 1300. Have never ID'ed this since they moved up from 3960.2v a few months ago. (John Wilkins-CO-USA, DXplorer Aug 10/12/BC-DX/Bueschel-DE)

3976.05 *RRI Pontianak* Aug 13 1405-1415 INSn, Local news. ID at 1406. (Kouji Hashimoto-JPN, JPNpremium Aug 19/BC-DX/Bueschel-DE)

4000.18 *RRI Kendari* 1258-1304. Nostalgia tune; SCI at 1259, followed by Jak program. Good signal on USB to avoid Hohhot on 4000.00. (Wilkins-CO 8/5/Cumbre DX)

4604.96 *RRI Serui* 1251-1305 Aug 18. Variety of English songs—first an R&B tune from the 70's, then Tom Jones' "There Goes My Everything," and concluding with a C&W number. At 1300:20 joined Jakarta relay in progress with no SCI. Serui Has had a pretty good signal ever since moving down from former 4606.4. They may have raised power from 500 watts at the same time they moved down in frequency. They are now one of the best low-band Indos here. (John Wilkins-CO, DXplorer Aug 18/BC-DX/Bueschel-DE)

4789.96 *RRI Fak-Fak* 1225-1250+. Best Indo signal lately on the Tropical bands. Even the CODAR QRM did not mar reception too much. Heard an assortment of popular Indo music, W ancr in this time frame. (Wilkins 8/6/Cumbre DX)

4925 *RRI Jambi* 2205. Hrd nx read by M. Audible until 2215. (Liangas-GRC, JPNpremium Jul 30/BC-DX/Bueschel-DE)

**IRAN** Some freqs changes for *VOIRI/IRIB*:

1230-1327	Malay	NF 17590, ex 17555 // 15200
1430-1527	Bengali	NF 9940 and NF 12090, ex 9520 and 12015 // 7305, 9810

(Observer-BUL)

**JORDAN** 11690 *Radio Jordan* since July 26th observed with English program back at 1300-1630 on 11690. (Rumen Pankov-BUL, BC-DX July 30/Bueschel-DE)

**KENYA** *KBC* 4915 has been operating regularly, and I'm not aware of any changes to the schedule in the current WRTH, i.e. Monday-Friday only and generally signing off shortly after 1900, though it's entirely possible that this has been extended to 1930 without me noticing. (Chris Greenway, Kenya/DX Listening Digest/Hauser-OK)

**KOREA - NORTH** Frequency change for *Voice of Korea* in Arabic/ English/ Spanish/ French/ Arabic/ Korean:

1500-2057	NF 11535, ex 11735
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(Observer-BUL)

**KUWAIT** *IBB* via new 250 kW transmitter to Afghanistan eff. Aug. 19:

0030-0130	Pashto	11995
0130-0230	Dari	11995
0230-0330	Pashto*	11945
1330-1430	Dari*	17605



1430-1500	Pashto	13690
1500-1530	Dari	13690
1530-1630	Pashto	13690
1630-1730	Dari	11760
1730-1800	Pashto	11730
1800-1830	Dari	11730
1830-1930	Pashto	11750
1930-2030	Dari	11835
2030-2230	English	11835
2230-2330	English	11935
2330-0030	English	11995

All VOA except \*RFE/RL/Radio Free Afghanistan (Observer-BUL)

**NEW ZEALAND Radio New Zealand International** from 6 Sept—31 Oct 2004

0459-0705	11820
0706-1059	9885
1100-1259	9885
1300-1750	6095
1751-1850	9845
1851-2050	11725
2051-2245	15720
2245-0458	17675

There will be seasonal changes to our freq schedule from Sept 4. (RNZLi, via wwdxc July 30/BC-DX/Bueschel-DE)

**OMAN Radio Oman** in English has been reactivated on 15140 from 1400-1500. (Mauno Ritola-FIN/BC-DX/Bueschel-DE)

**PERU 5384.16 Radio Huarmaca**, Huarmaca, 48 kb. 16/8 2004. [time missing] Reactivated Peruvian. Listen to recording from this Monday evening. Comments and recordings at: <http://www.malm-ecuador.com> 73s (Malm-ECU/DX Listening Digest/Hauser-OK)

4751.68 **Radio Huanta Dos Mil**, 0948-0958 ad block. One w/ment of Cusco, and one w/ment of Polilica. Another ad at 0955 ment of camposino and abt 10 Peruvian towns. Most all ads by same M and W anncrs. Finally back to OA campo mx at 0958. 1000 pgm intro by same M and W, then tlk by W. Sounds like the same format as hrd on 4747. (Valko—7 August/Cumbre DX)

**PHILIPPINES** Frequency change for **FEBC** in Mandarin Chinese via BOC 100 kW: 0800-1800NF 9430, ex 9500

(Observer-BUL)

**RUSSIA** Frequency changes for **Voice of Russia**:

1400-1800	Ru.Int.R.	NF 13850 MSK 250 kW, ex 13860
1700-1800	Russ. WS	NF 13850 MSK 250 kW, ex 13860
2000-2130	Serbocro.	NF 12040, additional freq // 9470

(Observer-BUL)

Frequency change for **DW** in Chinese via TCH 500 kW:

2300-2350	NF 15515, ex 9570 // 9690,9610,7305,6175
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(Observer-BUL)

6085 **Radiokanal Tsentr Rossii**, Krasnoyarsk, 0030-0045, Aug 09, Russian ann, opera—heard under the open carrier each night from Bayerischer Rundfunk. (Petersen). Noted with local programs at 0010-0100 and 0810-0900. (Kovalenko in open\_dx via Signal/DSWCI DX-Window/Petersen-DK)

6100 Kyzyl, Tyva Republic. **Radio Rossii** and **Tuvinskoye** Radio are regularly (though not strong) heard here. Tuvinskoye Radio noted daily at 0010-0100 and 1210-1300, but you must pay attention to the fact that ann at 0010 sound like "Here is Kyzyl, local time is 0810, we are continuing our broadcast." This obviously means that local studios goes on the air at 2310-2400 as well. (Kovalenko in open\_dx via Signal/DSWCI DX-Window/Petersen-DK)

During a recent visit to RTV Tuva, in Kyzyl, capital of the Autoumous Republic of Tuva, in Southern Central Siberia, I was interviewed by 2 journalists in one of their programmes in Tuvinian. They hardly knew about their 5 kW transmitter on 6100 kHz and said they never receive any reports from outside Russia. So here is a challenge for you all! In Tuva, 6100 is only received poorly, while Krasnoyarsk with 50 kW on 6085 comes in much stronger. These 2 stations are the only ones heard in the 49 m.b. during daytime in the region. I was given the following schedule for RTV Tuva's own programmes in Tuvinian and Russian: 2210-2300, 0410-0500 and 1010-1100. The rest of the time (between 2050-1915) they relay Radio Rossii. I might add that the only station heard on 4 MHz during local daytime was Mongolian Radio (Altay) on 4830. (Van Delft-RUS) [Reminds me of a great book on this mystical little place - "Tuva Or Bust! Richard Feynman's Last Journey" by Ralph Leighton.-AQ]

**SUDAN 4750 Radio Peace**, New Site. Some time ago, a friend of mine visited New Site, South Sudan. He hand-delivered my Mar 09, 2004 reception report to the staff at the Radio Peace transmitter site (which, I believe is some 10 km from New Site). In return he received a handwritten confirmation letter. That letter now arrived to my letterbox, mailed from outside Sudan. As the letter says, there is no e-mail neither postal service to the station. What I have heard, many people there use Post Office Boxes in Loki, Kenya, which is the frontier town before the border. It is about two hours drive from New Site. So there is a faint chance to get a letter through routing it "via Loki, Kenya." Here's what the letter says (two last names of the signer were a bit difficult to read). "24th July 2004, Dear Jari Savolainen I am so pleased to receive your reception report to our radio. It's frequency is found escactly

as you mentioned in the report. We have two periods of broadcasting, 5:30am Sudan Local Time and 7:00pm Sudan Local Time each period is two hours. The station is using ready cassetts from local languages, especial Arabic and Spot Light English Language. The programmes are most enjoyable to the listeners of Radio Peace, especially those who understand these languages and I hope it's so enjoyable to those who listens to Spot Light English. We are still in the bushes so—we have no facilities of making an e-mail or postal address however, I will provide you with the following, hoping that your reply could reach us. With many thanks, Augustino Makude Anur, New Site, Kapoita County, Equatoria Region, Radio Peace NEW SUDAN" (Savolainen via DX Listening Digest/Hauser-OK)

BBC Monitoring has observed clandestine radio *Voice of Sudan* broadcasting on 7999.3 kHz shortwave at 1530-1600 gmt on 25 August. The radio station speaks on behalf of the Sudanese opposition grouping, the National Democratic Alliance (NDA). It has been on the air intermittently since 1995, from a transmitter believed to be in neighbouring Eritrea. (Kernick, BBC Monitoring/DX Listening Digest/Hauser-OK)

9310 *Voice of New Sudan*, On Aug 02, I got a brief e-mail from the engineer contracted to set up this SW transmitter in Southern Sudan. He was in Nairobi on his way back home to US. There were more technical problems, they had managed to do some testing (9310) with modulation during three days with about 7 kW before they got hit by a lightning "last Sunday." They are down until they get some capacitors. The engineer will return to Sudan "in a few weeks." The frequency will possibly be shifted higher, to 9485, as most of the receivers in the region will not tune below 9400. I'll keep DX-community updated as I get more info. (Savolainen-FIN/DSWCI DX-Window/Petersen-DK)

**UNITED KINGDOM** Frequency change for *WYFR Family Radio* in English via RMP 500 kW:

1800-1900 En/Fr NF 13740, ex 13700

New schedule for *Voice of Eritrean People* in Tigrina:

1730-1830 Tigrina 15595 SKN 300 Su, ex 1730-1800

1800-1830 Tigrina 7125 SKN 300 kW Su >>> cancelled

(Observer-BUL)

**UNITED STATES** Frequency changes for *WRMI*:

1400-1600 NF 6870 RMI 050 kW, ex 7385

2300-1200 NF 6870 RMI 050 kW, ex 7385

Some frequency changes for *Voice of America*:

1400-1500 Indones. 13620 15105 15490 Th-Sa, ex 1430-1500 Fri on 9585 15105

1500-1530 Uzbek 7135 13795 15295 17685 >>>> cancelled  
1800-1830 Hausa 4950 9830 11955 17785 Sa >>>> new addit transmission  
1900-2000 Persian 9680 12020, ex 11815 and 12030 // 7465

(Observer-BUL)

*Radio Six* starts regular transmission via WBCQ On Sunday (1st August), we launch a daily program service on shortwave, for listeners in North America and Western Europe on 5,105kHz from transmitters in Maine, USA. We'll be on the air 7 days a week from 2300-0000UTC. Program details on the website soon, and in print in Radio News—for a free copy email letters@radiosix.com. Our monthly shortwave transmissions from Italy on 5,775kHz and 13,840kHz will continue. (Station website/Australian Radio DX Club News/Seager-AUS)

Due to cutbacks at client broadcaster Christian Media Network, Miami-based shortwave broadcaster *WRMI* is, for the time being, carrying relays of World Radio Network at 1200-1600 UTC seven days a week on 15725 kHz. This includes an hour of English from *Radio Netherlands* at 1200-1300 UTC. As this is not an official shortwave relay, the frequency is not announced by Radio Netherlands. But we welcome reception reports on this transmission. (Media Network weblog/Australian Radio DX Club News/Seager-AUS)

**URUGUAY** Two low power stations are operating on shortwave from Uruguay. 6055—*Radio Universo*, Castillos, Dept. de Rocha. According to an email reply from station owner Juan Braas, they are already on the air with a transmitter of 17 W (seventeen Watts!) "with a 6DQ12 [tube]," and only to comply with the telcom authority (URSEC). The antenna is an inverted L. Mr Braas adds that in the coming months they will be erecting a "halfwave mast" [sic] (he writes: "un mastil de 1/2 onda") and will increase power. Radio Universo is primarily to be heard on MW 1480, located in Castillos, the second largest city of the Department of Rocha, in the Atlantic coast of the country. I wrote him again querying about their skedule, but still no reply. E-mail address is radio@universo.com Station signal is still unheard here in Montevideo, 300 km away.

6155—*Banda Oriental*, Sarandi del Yi, Dept. de Durazno. According to telephone conversation with Nora San Martin de Porro, they are indeed on the air, despite being unheard in Montevideo lately. Nora said that a few months ago a windstorm destroyed the original antenna. Schedule is 0130-0300 (Horacio Nigro, Uruguay, HCDX/Australian Radio DX Club News/Seager-AUS)

**VENEZUELA** *Radio Nacional de Venezuela* on shortwave (assumed to be via Cuba) Zona de San Francisco 1800-1900 13740

Zona del Caribe 1900-2000 9550

Zona de Washington 2005-2105 6000

Zona de Chicago 2205-2305 9820

Zona de Chile 2100-2200 11875

Zona de Buenos Aires 2000-2100 15230

Zona de Rio de Janeiro 2000-2100 17705

(Manuel Mendez, Lugo, Espana/Australian Radio DX Club News/Seager-AUS)

**TROPICAL BAND SURVEY** Some of the TBS Tropical Band Stations that have left bands during the past year, at least for the time being, are:

2410 *Radio Enga*, Wabag, Papua New Guinea

2415 *Wenzhou General St.*, Zhejiang, China

3290 *Radio Centro*, Ambato, Ecuador

3316 *SLBS*, Goderich, Sierra Leone

3360 *Radio Dif. Catolica*, Macas, Ecuador

3360 *La Voz de Nahuala*, Solola, Guatemala

3375 *Radio Dourados*, Dourados, Brazil

4003 *RRI Padang*, INS

4050 *Krasnaya Rechka*, Bishkek, Kyrgyzstan

4765 *Radio Congo*, Brazzaville, Rep. of Congo

4777 *Radio Dif. TV*, Gabonaise, Libreville, Gabon

4795 *Radio Nova Dfusora*, Aquidauana, Brazil

4800 *Radio Satellite*, Santa Cruz, Peru

4819 *La Voz Evangelica*, Tegucigalpa, Honduras

4820 *Radio Botswana*, Sebele, Botswana

4850 *CNR 2*, Beijing, China

4930 *Radio Barahona*, Dominican Republic

4930 *Radio Costena Ebenezer*, Honduras

4940 *Voice of the Strait*, Fuzhou, China

4940 *Radio Mix-Master*, Yakutsk, Russia

4980 *Ecos del Torbes*, San Cristobal, Venezuela

5004 *Radio Nacional*, Bata, Ecuatorial Guinea

5040 *Fujian PBS*, Fuzhou, China

5040 *RRI Pekanbaru*, INS

5100 *Liberian Communications Network*, Liberia

5121 *Radio Ondas del Suroriente*, Quillabamba, Peru

5300 *Radio Superior*, Bolivar, Peru

5459 *Radio Panorama*, Recobamba, Peru

5470 *Radio Veritas*, Monrovia, Liberia

5500 *Radio San Miguel*, San Miguel de Pallaques, Peru

A few new or reactivated stations are:

4723 *Radio Uncia*, Uncia, Bolivia

4763 *Radio Chicha*, Tocla, Bolivia

4781 *Radio Tacana*, Tumupasa, Bolivia

4798 *Son La Radio and TV*, Vietnam (alt. 4741)

4960 *Catholic Radio Network*, Vanimo, Papua New Guinea

5050 *ARDS Radio*, Humpty Doo, Australia.

(Anker Petersen-DEN, dswci DXW Aug 11/BC-DX/Bueschel-DE) (Anker Petersen-DEN, dswci DXW Aug 11/BC-DX/Bueschel-DE)



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## WELCOME TO THE FOLLOWING NEW MEMBERS

**DR. STEPHEN R. SOZANSKI, East Boothbay, ME**

**LLOYD J. LOOMIS, Augusta, KS**

**PHILLIP LESPERANCE, Stow, OH**

**PATRICK LOZITO, Copiague, NY**

**LES LOCKLEAR, Gulfport, MS**

**GIL ERHART, Cranberry Twp., PA**

**BOB DAVIS, Lexington, KY**

**TOM ORLOWSKI, Racine, WI**

**LAURA LUBNER, Belgrade, MT**

**FREDERICK GORDTS, Luxembourg**

**DR. STEPHEN ZOLVINSKI, Philippines**

# Pirate Radio Report

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Hello and welcome to the September 2004 edition of the *Pirate Radio Report*. Hopefully by the time you read this, conditions will have quieted down and more pirate activity will be going on.

## Laws Weds Karlock

It's not too often that two pirate DXers fall in love and get married, but that's exactly what happened in Montreal on August 21<sup>st</sup>, when Steve Karlock and Janice Laws became husband and wife. To those of you that have attended the Winterfest the past several years, Steve and Janice are familiar faces and in fact they first met in Kulpville.

We wish them well and excellent pirate DX on their honeymoon/DXpedition!

## Loggings

Yes, we've got a few. Thanks to: Scott Barbour-NH, George Maroti-NY, and George Zeller-OH.

**Captain Morgan**, was tentatively heard on 6923.8 kHz in the AM mode on August 7<sup>th</sup> from 0242-0326 UTC. Program of rock music. The only talk that I heard was what sounded like a Captain Morgan ID at 0301. Weak signal. [Zeller-OH] Also noted on 6925.5 variable on August 4<sup>th</sup> from 0019-0034 sign off. Song "Wild Night" by Van Morrison and an ID as "You're In The Pirate Zone With Captain Morgan". The audio was a bit distorted. [Lobdell-MA]

**KIPM**. Noted on July 31<sup>st</sup> at 0205-0225 on 6946 USB, an unusual frequency. Another bizzarro program featuring the awakening of a sleeping sea princess, "The Legend Of Tiamit", Part 1. Requests postal reports for QSLs. Booming signal. [Barbour-NH]

**Radio First Termer-The Big 69**. This seems to be a rebroadcast of a Vietnam era FM

pirate, noted from 0139-0209 sign off on July 30<sup>th</sup> on 6925 USB. Various bits on the Vietnam era, including a PSA on how to pick up a prostitute. IDing as "Radio First Termer" and "The Big 69". Fair signal but QRM with another pirate on at the same time. [Barbour-NH]

**Radio Piranha International**, a South American pirate, was logged on 6307.26 AM mode at 2339-0042 on July 25<sup>th</sup>. RPI's new QTH and antenna set up worked wonders as I was able to hear them every evening and AM. The best reception was today. IDs were noted after almost every song. SINPO was 23332. What was interesting is that the best signal strength was prior to my local sunset. Amazing what a 15-20 watt MOSFET transmitter can do. Thanks to Jorge Garcia for giving us such an interesting DX target for so many days while he was on vacation. [Maroti-NY]

**Undercover Radio**. Good ole Dr. Benway was noted on August 1<sup>st</sup> at 0321 to 0330 UTC on 6925 kHz USB with a message regarding Commander Bunny's plan to take over your mind and the world. QSL requests to: [undercoverradio@mail.com](mailto:undercoverradio@mail.com). Music by Laurie Anderson. Fair signal with occasional fades. [Barbour-NH] Also noted on August 27<sup>th</sup> at 0050 UTC on 6925 kHz USB with light instrumental music, ID and an email address by Dr. Benway. [Lobdell-MA]

**WHYP, The James Brownyard Memorial Station**, noted on 6925 kHz in the USB mode at 0050-0118 UTC on August 2<sup>nd</sup>. Poor in static with a KIPM parody entitled "Root Beer Madness". A YL takes over a man's life by controlling him with root beer. Also a little Pink Floyd and other rock. [Zeller-OH]

Until next month. Happy Pirate DXing! 

# QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

**ASIATIC RUSSIA: Voice of Vietnam** 13665 and 17595 via **Voice of Russia** at **Petropavlovsk** rcvd. 3 cds. for receptions on 3 different ds. in 5 mos. after several f/up rpts. (Field-MI).

**BOSNIA: ISRM** 9580 f/d cd. in 39 ds. VIC #216 (Paszkwicz-WI).

**BRASIL: Radio Alvorada** 2460 via **Rio Branco** f/d ltr. in 3 ds. via e-mail after trying for 9 yrs! v/s Jose Severiano de Freitas, Director. (Paszkwicz-WI). **Radio Clube do Para** 4885 p/d cd. w/ nice ltr. in EG and a t shirt w/ station logo for a PT rpt., tape and \$1.00. Arrived via registered mail. v/s Camilo Centeno, Director

**NOTES: Jerry Klinck** from East Aurora, New York has recently added a new T2FD antenna to his "farm". He hopes it will quiet things down a bit. He is also thinking about replacing the 60 meter dipole with the DX Ultra. Good luck...Sam. **Scott Barbour** in Intervale, New Hampshire says he hasn't had too many replies in the past few weeks. I hope they finally figure out what's wrong with Route 16 in your town and fix it...Sam.

Geral RBA. (Klinck-NY). This was the first Brazilian station I ever QSLed way back in 1963. (Klinck-NY)...I think it may be of been mine too..Sam.

**CLANDESTINE: Radio Rhino International** 17870 (17780 on QSL) rcvd. form ltr. which contained a quote from Dr. M.L. King in 2 mos. v/s Godfrey Ayco, Director. Addr: Koernestr. 77-79, 50325 Koln, Germany. (Field-MI).

**ECUADOR: HCJB** 6010 f/d German language "**DX Topics**" cd. w/ personal note thanking me for my kind ltr. My rpt. was sent to Quito who apparently forwarded it to Dieter in Germany. The reply came from Dieter K. Reibold in Germany in 114 ds. v/s Karsten and Dieter K. Reibold, whom are pictured on the cds. reverse. Quito also QSLed the same rpt. by QSL cd. in 106 ds. (Barbour-NH). f/d "Volcano Guagua Pichincha" cd. in GM w/ info. sheets in 106 ds. for 1 IRC.

(Barbour-NH). 12005 cds. in 1 mo. w/ a 2004 calendar, religious tracts and schedule. (Field-MI). 15115 2 different cd including one for JF 2004 w/ personal note from Karen Pederson and schedule in 1 mo. (Field-MI).

**ENGLAND: Radio Ibrahim** \* 12025 f/d "IBRA" cd. w/ ltr. in 19 ds. v/s Elin Larsson via the Cyprus address. (Paszkwicz-WI). same f/d cd. w/ personal ltr. in 217 ds (D'Angelo-PA).

**BBC** ASIA RELAY STATION THAILAND

This notice confirms that your reception report of

THE ASIA RELAY STATION, 12005 MHz, from

12005 MHz on 02/14 GMT on 4 January 2004

corresponded with our station log of the same day. Thank you for your interest. Further reports are welcome.

BBC Asia Relay station is operationally managed by

World Communications International Ltd.

For information about our range of services:

• Per-theatre management

• Global transmission control

• Comprehensive satellite services

• Project management



From: Man Sakanya  
BBC Asia Relay Station  
P.O. Box 20, Muang  
Nakhon Si Thammarat 90000 Thailand

To: MR. SCOTT R. BARBOUR JR.  
P.O. BOX 913  
INTERVALE, N.J.  
08045 USA

IM

## Reception Report

Radio Amistad gratefully acknowledges your report.

**Richard A. D'Angelo**

Your correspondence and reception report is a great encouragement to the  
enthusiasm and staff of

*Radio Amistad*

90.7 FM & 4700 SW

San Pedro La Laguna, Sololá,

Guatemala

Quality  
Christian  
Broadcasting





Q S L

via Rich D'Angelo

On Radio For Peace  
International  
YOUR REPORT ON RECEPTION OF

RADYO NEG MAWON 15,030kHz

Transmission on 12 Dec 1992.. 1993  
has been checked with RFP  
log for the date mentioned and  
is duly verified herewith

*Jean Jean-Pierre  
Jean-Jean: Mure*  
Producer

ERITREA: Voice of the Broad Masses of Eritrea 7100

f/d cd. w/ a short personal ltr. in 256 ds.  
from v/s Berhane Gerzgiher, Director of Radio  
Engineering. Addr: Ministry of Information,  
Radio Department, Radio Engineering Division,  
P.O. Box 242, Asmara, Eritrea. (D'Angelo-PA)

GERMANY: Pan American Broadcasting 15650 via  
DTK Julich ltr. in 1 mo. w/ schedule. (Field  
\* MI). Waymark's Radio Ministries via DTK Julich  
form ltr. in 1 mo. v/s Loren Wilson, Pastor.  
(Field-MI). IBRA Radio 15695 via DTK Julich  
f/d cd. in 1 mo. (Paszkiewicz-WI). Sudwestrund-  
funk 6030 f/d "Globe" cd. w/ stickers &  
GM schedule in 10 ds. (D'Angelo-PA).

GOA: All India Radio 7250 via Pan-  
aji f/d cd. w/ site in 115 ds.  
v/s V.K. Sharma, Director of  
Frequency Assignments. C/V  
#223. (D'Angelo-PA).

ICELAND: Rikisutvarpid - Icelandic  
National Broadcasting Service  
13865 f/d "Blue Lagoon" cd. in  
37 ds. (D'Angelo-PA).

KOREA, PEOPLE'S DEMOCRATIC REPUB-  
LIC: Voice of Korea 11710 f/d  
cd. in 2 mos. w/ station penn-  
ant, pin and a copy of the  
"Pyongyang Times". The report

was sent directly to North Korea. (Kremer-DE).

MEXICO (Clandestine): La Voz Popular 7000 and 3502 my report was return-  
\* ed by the MPO w/ "INCONUNN" and a date of 30May04 written on the  
front side. (Field-MI).

MYANMAR: Radio Myanmar 5986 p/d ltr. w/ station seal, program guide and  
media index in 169 ds. for 1 IRC. v/s Ko Ko Htay. Nice stamps on the  
envelope (Barbour-NH).

PERU: Radio Nueva Cajamarca 5799 ltr. was rcvd. after 12 rpts. for a 92

\* reception. Thanks to Mr.  
Inoue for his assistance  
on this QSL. The station  
is only on mediumwave  
and now calls itself  
Radio America. This is  
my 119th QSL from Peru.  
(Field-MI).

RUSSIA: Radio Ezra 17590

\* verified an e-mail rpt.  
in less than 1 day w/  
a reply promising a "QSL  
Certificate" w/i 1 mo.  
v/s John D. Hall, Station  
Owner. (D'Angelo-PA).

SAINT HELENA ISLAND: ZHH

Radio Saint Helena

11092.5 f/d "Map" cd.  
after a f/up rpt. to one  
sent in 1998. The f/up  
rpt. took only 12 ds!  
v/s Ralph H. Peters,  
Station Manager. (Wil-  
kins-MO).

SLOVAKIA: Radio Slovakia

International 9440 f/d  
"Building of Radio Brat-  
islava" cd. in 17 ds. A  
separate envelope was  
rcvd. the same day w/ a  
program schedule and  
sticker. Maybe Scott

DEVLET METEOROLOJİ İŞLERİ  
GENEL MÜDÜRLÜĞÜ  
P.K.401 ANKARA

TURKISH STATE  
METEOROLOGICAL SERVICE  
P.O. Box 401 ANKARA

Dear YAMADA,

Thank you for your kind letter of Jan. 3, 1993 concerning  
reception report on our radio broadcast.

I would like to inform you that your report on the reception  
of the Voice of Meteorology is entirely in conformity with our  
transmissions being made on 8900 kHz.

The Turkish State Meteorological Service employs a trans-  
mitter with a power of 5.0 Kw for the purpose of the Voice  
of Meteorology. The antennae used is a delta matched open  
wire balanced 500-600 ohms and 28 m. long by a height of  
17 m. from the ground.

Daily programme of the Voice of Meteorology consisting  
of both music and weather news for the public is as follows:

04.00 to 09.00 GMT : Opening and Turkish music with  
weather news at the interludes  
during the programmes.

11.00 to 16.00 GMT : Ditto

I attached herewith a brochure which contains general  
information for touristic and historical aspects of Türkiye.

Sincerely yours.

*Mehmet ÖRMECI*  
Mehmet ÖRMECI  
Director-General

# Everest Radio

The first Nepalese community radio broadcast overseas  
(on 41 meters/7235KHz SW)

web: [www.everestradio.co.uk](http://www.everestradio.co.uk)

Coverage:- United Kingdom, N. Ireland, Iceland, and some of the major city of Europe  
(World wide on internet at any time)

Studio:- London

Transmission:- Broadcasting from 9.30-10.30 pm (UK time) Saturday, Sunday, Monday and Tuesday.

Features:-

- News about Nepal.
- Interviews (Local & visiting guests from Nepal).
- Travel guide to Nepal (Nepalme Nepal).
- Nepalese music (Folk/Pop/Rock/Instrumental).
- Local Community activities.
- Commentaries & debata/discussions.
- Letters/Post cards/info-multimedia.
- Culture/Views etc.

For more information please write to:

Everest Radio

776 Grandwood Ave., Havant, London, W7 3QT, UK

For any community news please phone, fax or e-mail to our secretary.

Tel: +44 (0) 20 8940 7645, Fax: +44 (0) 20 8940 3449, Mobile: +44 (0) 7989 154730 (during Shows)

e-mail: [everestradio@btinternet.com](mailto:everestradio@btinternet.com)

७७ वर्षको शान-सुख कालो हो भने अर्को वर्षको शान-सुख कालो हुनेछ ।

41 meter band or 7235 KHz short-wave  
Summertime: 49/6035 Time A vision for the future...  
(3-10 PM (GMT))

rcvd. "Certificate" for framing after sending a report to one of  
\* the station's preachers as suggested in the PWBR. (Field-MI). **Radio Six International** 7415 via **WBCQ** verified my electronic report w/ a nice f/d "Word Attachment" in 6 ds. v/s Tony Currie, Programme Director. (D'Angelo-PA).

## NOTES: Joe Kremer of Wilmington,

DE wishes me luck in the new location. I'm going to need it. The trees are so high that I guess I'm going to drag out the old bow and arrow to get something hung in the limbs. Any suggestions? Sam. **Bill Wilkins** in Springfield, MO gives a big thank you to Hardcore DX. I saw on their website that Radio Saint Helena still had the ability to verify reports for the 1998 transmission, so armed with confidence from having verified the 99 broadcast, I sent in a copy of my original reception. I was successful. Now this closes a chapter on one DX country for me.

Speaking about closing things, we have come to the end of yet another NASWA QSL Column. Best of DXing...Sam.

**RCI** RADIO CANADA INTERNATIONAL

**QSL**



R. Fessenden  
23-12-1900



G. Marconi  
12-12-1901

## EVEREST RADIO

The first Nepalese community based

radio broadcast overseas

web: [www.everestradio.co.uk](http://www.everestradio.co.uk)

776 Grandwood Ave., Havant, London, W7 3QT, UK

Tel: +44 (0) 20 8940 7645, Fax: +44 (0) 20 8940 3449

Mobile: +44 (0) 7989 154730

e-mail: [everestradio@btinternet.com](mailto:everestradio@btinternet.com)

Dear

Thank you for your reception report.

I am pleased to confirm that you have indeed tuned into Everest Radio on 41 meter band i.e. 6035 KHz on shortwave. We welcome any suggestions you may have. Looking forward to hearing from you. Thanks again.

Yours sincerely,

*Samuel Barto*  
Director

Editorial/programming

PHOTO

SAMUEL BARTO  
47 PROSPECT AVE  
BRISTOL, CT 06010  
U.S.A

# Contributors' Page

Bob Montgomery • P.O. Box 1458 • Levittown, PA 19058 • RMonty23@netzero.net

## DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Scott BARBOUR, Intervale, NH

Ray BAUERNHUBER, NY

Jerry BERG, Lexington, MA

Jim CLAR, Rochester, NY

Rich D'ANGELO, Wyomissing, PA

Mickey DELMAGE, Sherwood Park, AB

Bob FRASER, Belfast, ME

Bob MONTGOMERY, Levittown, PA

Sheryl PASZKIEWICZ, Manitowoc, WI

Betsy ROBINSON, Clinton, TN

Gayle VAN HORN, Brasstown, NC

R-75, MLB-1, RS antenna system

Sony 2010, 23' vertical antenna

R8A 165' LW

R8, Eavesdropper dipole, Palomar loop

TenTec R340, Lowe HF-150, DX Sloper

ICOM R71A, 80 m Yagi, var Beverage ant.

Sony ICF-2003 ICF-SW100S 2m LW

NRD535D, R390A, RX320, HF150, SE3, T2FD,

ICOM R-8500, NRD345, AOR LA-350 loop

Sony 2010 Indoor antenna

no equipment listed



## ELLINIKI RADIOPHONIA - TELEORASIS

(GREEK RADIO - TELEVISION)

DIRECTION OF TECHNICAL SERVICES

16, MOUROUZI STREET

ATHENS 138 - GREECE

Athens *17.4.76*

## VERIFICATION OF RECEPTION REPORT

We thank you for your Reception Report

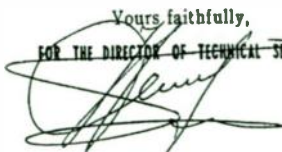
dated *5th April 1976* concerning our transmission

on *9760 kHz* and from hours *00.15*

to *00.30 G.M.T* which was checked and found correct.

Yours faithfully,

FOR THE DIRECTOR OF TECHNICAL SERVICES



# Tropical Band Loggings

Dan Ferguson • 12053 Kahns Road • Manassas, VA 20112 • troplogs@zerobeat.org

- 2310 AUSTRALIA ABC 1114 Aug 1, M in EE talk, parallel to 2325 and 2485, all poor. (Lineback-KS)
- 3220 PNG R. *Morobe* poor-fair w/pops and Pidgin anmts 1224 7/27, frequent ments. of "11 o'clock." "Taps" at 1256, island mx, EE nx 1300, back to pops at 1305 with woman hostess. Still going at 1330. (Berg-HI)
- 3223 INDIA AIR *Shimla* presumed the Indian here most days arnd 1500-1600. (Berg-HI)
- 3235 NEW BRITAIN *RWNB* 1112 7/31 Vern pops, poor. (Lineback-KS)
- 3280 CHINA V. *Pujiang* 1553 7/23 CC W talking w/light CC mx in the background; good signal, // 4950 not as good and under presumed Srinagar. (Berg-HI)
- 3291.13 GUYANA GBC Georgetown 0915-0930, S-C mx, followed quickly by western pop rock. 8/18 (Wilkner-FL) 3291.2 Voice of Guyana, 0225-0320 7/28 M EE anc taking phone calls from listeners with brief mx interludes between callers. ID & TC 0230, more phone calls. Px ended 0310 w/TC & ID; then popular piano music. Poor to fair. (D'Angelo-PA) 3291.1 VOG 0948 7/31, M in EE, poor. (Lineback-KS)
- 3306 ZIMBABWE R. *Zimbabwe* 0325-0346 7/27 M anc in local language hosting px of local vocals and instls w/IDFs & promos. Fair. (D'Angelo-PA)
- 3310 BOLIVIA R. *Mosoj Chaski* 0956 7/31 W in vern talk, poor. (Lineback-KS)
- 3355 PNG R. *Simbu* 1122 7/31 vern pops, fair. (Lineback-KS)
- 3375 PERU R. *San Antonio* 1000 M in SS, SS ballads, poor-fair (Lineback-KS)
- 3385 N. BRITAIN *RENB* 1126 7/31 two M in Vern/EE, fair-good. (Lineback-KS)
- 3390 SIKKIM-? AIR *Gangtok* seemingly, apparently alive and well. Hrd with poor-fair signal most days, but basically an easy log, e.g. from 1550 7/25 w/EE tlk among several men, mentions of India; pause 1600, brief anmt by M, then Indian singing, and at 1601+ into animated talking in what sounded like Hindi, perhaps a drama. Indian singing by a woman at 1605, back to the drama at 1606, then signal dropped way down. Per dx\_india, this one is supposed to stay on past 1600 on Sundays (which this was). (Berg-HI)
- 3607.5u JAPAN NHK Shobu-Kuzi, Tokyo; live sports event 1040 7/23, animated ancrs, sound of crowd. Seemed like brief ad 1047. Pips 1100, another ad, broke away for studio talk 1102-1104, back to sports. //3970U-Nagoya decent but not as good, and 6005-Sapporo heavily QRMed. I switched to 3970 and there was a big het, probably from KCBS-3970.5 (listed). NHK still dominant, however, and improved a bit over time. Same sports event, pips 1200, but then things got messier. This is the first time I have hrd the low power Japanese stns. In Hawaii they were regulars. (Berg-HI)
- 3930 S. KOREA *KBS-1* Huasong listed, talking by M&W 1345 7/28. PWBR says 5 kw, WRTH 10. (Berg-HI [Wailea])
- 3935 NEW ZEALAND *ZLXA* Salvation Army "Wonderful Words of Life" px 0700 7/25, brief "Theme From Cats" 0715, then talk, "Cats" again 0720, more talk. Poor in heavy static, about par for this one, which was never very good. Pips at 0800, TC, nx, ments. of NZ, wx. (Berg-HI)
- 3976 INDONESIA [KALIMANTAN] *RRI Pontianak* always the best of the Indos. Strong 1127 7/23 w/ads for Kawasaki and others, ments. of Pontianak, some pop vocal mx, RRI-Pontianak ID 1131, warta berita. (Berg-HI) 1129 7/31, Indo pops, poor-fair. (Lineback-KS)
- 3990 CHINA *Gannan PBS* Hezuo, fairly good w/interview of M by W 1329 7/7, not CC (Tibetan listed). Brief anmt 1337, back to interview; anmt 1342, then CC-style pop vocals. //5969.9, about the same signal level but side QRM there. ID by W 1400, CC instr. mx, brief anmt by M 1412 & off. Listed in PWBR/WRTH as 15 kw, 1400°. (Berg-HI)
- 4010 KYRGYSTAN *Bishkek* presumed, classical vocal mx, poor 1430 7/28, //4795, weak there under another RR stn (Ulan Ude listed) that gave R. Rossii ID 1433. (Berg-HI [Wailea]) Kyrgyz Radio (presumed), 2255-2333, 8/20, Kyrgyz?/RR, test tones at t/in, presumed IS 2300 of light instl mx followed by choral-like music (NA?). W 2303 until music 2308. Px intro 2310, then continuous classical/operatic-like vocal mx w/ M briefly 2326. Still going at t/out. Very poor/weak, poking through relentless static crashes, though signal did improve a bit from s/on, peaking around 2315. (Barbour-NH)
- 4605 INDONESIA *RRI Serui* call-in prgm 1415 7/24, "hello," "okay"; Celine Dion "The Power Of Love," C&W vocals, "Look At Us," several RRI IDs, Indopops 1448, closing anmt, RRI ID, "Love Ambon" 1457-1500°. (Berg-HI) 1130 7/31, M in Indo, fair. (Lineback-KS)
- 4650.25 BOLIVIA *Radio Santa Ana* Santa Ana de Yacuma 0010-0030 w/mx, M in SS, but rather poor signal. 8/21 (Wilkner-FL)

- 4749.9 **SULAWESI RRI Makassar** 1132 7/31, several M talking, fair. (Lineback-KS)
- 4760 **LIBERIA. ELWA** American-accented EE rel px in progress 0635 7/26, Afr mx for a few mins before 0700, through ToH with no anmt. Weak. Hrd again 0554 7/27 as carrier popped on, ELWA IS 0558, voice audio at 0600 very low and not understandable. (Berg-HI)
- 4760 **SWAZILAND TWR** "This is Trans World Radio, Swaziland" repeated amidst TWR IS at 1512 7/26, into lang 1515. Poor. (Berg-HI)
- 4775 **SWAZILAND TWR** EE rel talk in African-accented EE, ID 0527 7/23, invitation to write to a S.Afr address. Some mx, then at 0530 anmt to return from the 90 mb (which must have been closing). Decent signal, but heavy QRN this day. (Berg-HI)
- 4810 **MEXICO Radio Transcontinental de America** 0205-0302+ 8/9, some rel songs followed by mx px w/occ SS anmts by W. Fair signal with some CODAR slop. (D'Angelo-PA) 1104 8/1, SS anmts over/under mx, good. (Lineback-KS)
- 4815 **BRAZIL Rádio Difusora de Londrina** 0202-0315 7/27 M PP rel tlk, short musical segments, talk by M&W. Nice ID by M 0219 followed by more talks. Fair but somewhat choppy signal. (D'Angelo-PA)
- 4815 **ECUADOR R. Buen Pastor** \*1100 8/1, SS anmts & vocals, fair. (lineback-KS)
- 4835 **AUSTRALIA VL8A** Alice Springs, poor-fair 0805 7/28, with pops, talk; VL8T-Tennant Creek on 4910 also poor; no chance for VL8K-Katherine on 5025, as Cuba was strong there. At 0819 there was some brief nx from the Democratic convention in Boston (!), then back to pops. I was wondering if they would give a fqy changeover anmt at 0830, but they just went off in mid-prgm with no anmt of any kind. (Berg-HI [Wailea])
- 4850 **INDIA AIR-Kohima** ending EE oldies prgm with "Teenager in Love" cover at 1312 7/26, closing anmt, "Akashvani Kohima," talk by man with some plucked string mx bridges, what sounded like an ad at 1325, seemingly a drama at 1328. Not as good as other Indians. (Berg-HI)
- 4856.1 **PERU R. la Hora** 1045 8/1, SS ID, unstable signal, SS vocals, fair-good. (Lineback-KS)
- 4875 **BRAZIL Rádio Difusora Roraima** 0325-0356\* 7/24, continuous Brazilian pop vocals with full ID & freq anmt by M in PP 0346. More pop vocals to 0355 ID & s/off anmts by M. Off without NA. Good. (D'Angelo-PA)
- 4880 **CLANDESTINE (Zimbabwe) SW Radio Africa** (via SENTECH, no?), overtook AIR-Lucknow with IS melody at 1559, "Africa, Africa" singing at 1600, then full ID: "This is SW Radio Africa, Zimbabwe's independent voice, broadcasting on 4880 kHz in the 60 mb between 6 and 9 every evening, and all night, 24 hrs. a day, at www.swradioafrica.com." Also IDed as "SW Radio Africa, Zimbabwe's independent voice." Into African mx, then talk, but by 1615, as they weakened, Lucknow got its second wind and became dominant. Interestingly, the ID is given as "ess-doubleyou Radio Africa" rather than "Shortwave Radio Africa." Also, I see on their website that they were to return to 6145 on Aug 9. (Berg-HI)
- 4880 **INDIA AIR-Lucknow** nice signal 1527 7/23 ending EE sports ps, EE ad, talk by W in Hindi incl. ID, Indian mx, into EE nx 1537. "This is All India Radio and you are lstng to the news at 9." More nx, sports, at end invited lstnrs to get the latest nx via their website or their telephone nx svc. Nx ended 1545, then a promo about education, audio at that time not as good as during nx. AIR ID 1546, into Hindi talk. (Berg-HI)
- 4890 **PNG Nat. R.** 1127 7/31, W in EE w/SE Asia cmntry, good. (Lineback-KS)
- 4895 **MALAYSIA SARAWAK RM** 1135 7/31, lang pops, fair. (Lineback-KS)
- 4905 **BRAZIL Rádio Anhanguera,** 0214-0246 8/6, px of romantic PP & EE lyric vocals hosted by a M w/ PP talks, ID and jingle IDs between selections. Fair. (D'Angelo-PA)
- 4910 **ZAMBIA ZNBC**\* 0246-0315 8/6 Fish Eagle IS with mixed choral NA 0256. A man followed with ID & s/on anmts in local language. Program of vocals and nice instrumentals hosted by a man. Fair. (D'Angelo-PA) EE nx in progress 0502 7/23, nice signal through QRN. ID 0504, "This nx comes to you from ZNBC, Lusaka, with the compliments of . . ." Better than hrd on ECNA. (Berg-HI)
- 4915 **GHANA R. Ghana** 2303-2324 8/14 M w/EE listener request program, several local TC's, promo for GBC FM outlet. ". . . information and education on 95.7 FM, making a difference". Booming signal until 2319 when a Brazilian station suddenly appeared w/ religious type programming. (Barbour-NH) 2352-2357\* fair 8/18. W w/EE nx; M w/tlk in vernacular over choral mx to s/off anmt and NA. (Clar-NY)
- 4939.6 **VENZUELA R. Amazonas,** 1012 7/31, SS pops and ballads, fair. (Lineback-KS)
- 4940 **SRI LANKA SLBC** fair w/ EE ID 1336 7/28, then Elvis Presley's "Are You Lonesome Tonight." (Berg-HI [Wailea])
- 4950.20 **PERU Radio Madre de Dios** Puerto Maldonado [tent.] 1050-1110 threshold signal, weak audio, indigenous music, 8/22 (Wilkner-FL)
- 4960 **ECUADOR R.Federación Shuar,** 0058-0107\* 8/10, vocals to a man with ID and apparent s/off announcement in Shuar at 0105. Music continued until carrier was cut. Fair. (D'Angelo-PA) 1031 Jul 31, SS pops, fair. (Lineback-KS) 1015 7/21 with fast-moving talk and mx, many IDs. Fair signal, and no chance of CBN-PNG on this fqy at this hour. (Berg-HI)



- 4960 PNG *Catholic B/Cing Network*-Vanimo, presumed, non-stop religious selections 1320-1405 7/23, no anmts, even at ToH. Poor-fair signal, not as good as I had expected; NBC-4890 much better, though that one was not as good as I expected either. Some intermittent RTTY-type QRM, sometimes on the high side, sometimes the low. -- And again at 1423 Jul 26 with non-stop religious songs except for "Let us pray . . ." at 1425. Fair at best, mixing with some co-channel QRM. Rcpn was very fluttery, I think from disturbed solar condx arnd that date. QRM got stronger and CBN got worse, but CBN became dominant briefly arnd 1500 until the two were mixing it up again by 1510. (Berg-HI)
- 4965 TAJIKISTAN *Voice of Russia* (via Yangiyul), hrd // 4975 after 1500, EE prgm on Chinese mining problems at 1525 7/22, ID for VoR WS at 1528, RS instr. mx, prgm promo, nx in brief at 1530, ID again. Hrd regularly, with 4975 slightly the better of the two. (Berg-HI)
- 4965 PERU *R. Santa Monica* 10357/31, SS anmts, excited shouting, Andean style pops, good. (Lineback-KS)
- 4965 ZAMBIA *Christian Voice ("The Voice")* 0450 7/23, very nice signal giving UK postal address and E-mail address, brief items, mx. Anmt re changing to 9865 at 0455 and R. Christian Voice promo. Off at 0456; I switched fqy and hrd them open on 9865 with Christian rock mx, brief xmtr break, mx again, invitation to write and tell about your church, then the "Simply Gospel" prgm with Derrick Oliver. -- 4865 also hrd with a great signal at 1612 7/25 with "Simply Gospel." Better than ever hrd on ECNA. (Berg-HI)
- 4970 INDIA *AIR Shillong* Elvis Presley and "Hound Dog," 1333 7/28 ID as "This prgm came to you from the Northeastern Svc of All India Radio b/cing from Shillong." ID again 1334, then relay of Delhi nx in lang. Good signal. (Berg-HI [Wailea])
- 4976 UGANDA *Radio Uganda*, 0344-0407 7/23, M ancr in local language hosting a pop music program w/ ID 0357. At 0400 EE nx by another M ancr. Fair. (D'Angelo-PA)
- 4990 CHINA *Hunan PBS* Changsha, fairly good with CC pop vocal to 5+1 pips at 1200 7/26, ID that I couldn't get by M&W, fanfare, nx. What sounded like an ad string at 1207, various other talk segments. Weak co-channel QRM (sounded Indian, probably Itanagar) that was getting stronger after 1220, and also some occasional ute voices in the background. ID by M&W again at 1230. Also hrd with positive ID at 1530. (Berg-HI)
- 4990 SURINAME *R. Apintie* Paramaribo 0915-0945 good w/Dutch M&W, mx 8/18 (Wilkner-FL) 0911-0927 8/13, Dutch, M & W w/ banter, diff. M w/ presumed field rpt. and shouting chorus, "zinger" ID at 0919, back to M and W. Poor, noisy. (Barbour-NH)
- 5005 NEPAL *R. Nepal, lang & local mx* to 1415 7/25, pips & into EE nx by W. Not very strong, but an ID poked through at 1420, "This news comes to you from R. Nepal." WWV/WWVH not a problem. Wx at 1424, main points again, "And that's the end of the news . . ." Went on to give sked with fqys. Local singing 1425+. Better arnd 1600. (Berg-HI)
- 5010 INDIA *AIR Thiru* 1225-1240 7/31, Indian mx fading up, EE nx by W 1230-1235, back to Indian mx, then f/o, possibly parallel to Kuresong 4895 over RM, poor at best, LP? (Lineback-KS) 0044-0103, 7/27, Vernacular, Hindi music, presumed ad/promo over music 0054, wind instrument bridge followed by M w/ tlks, soundbites continuing past 0100. No ID noted. Fair, beginning to slip under static by t/out. (Barbour-NH) 0115-0143 8/10 program of Hindi vocals and talks by a M ancr. Time pips 0139, then ID & M w/nx. Back to Hindi vocals 0135. Poor. (D'Angelo-PA) \*0018-0032, 8/20, Hindi, IS, M w/ ID, choral-like music, M w/ tlks & mx. Weak but readable. (Barbour-NH)
- 5014.7 PERU *R. Altura* 1045 7/31, M in SS, SS Andean style vocals, mentions of Cerro de Pasco, fair-good. (Lineback-KS)
- 5027 PAKISTAN (tent) *R. Pakistan* Quetta, talk 1605 7/24, level at least decent but 5030-China QRM more or less overwhelmed them. But 5027 did seem // to 4970 EE nx. (Berg-HI)
- 5040 INDIA *AIR Jeypore* good signal 1514 7/24 after big het (probably from Burma) ended. Some ads, then Hindi nx by woman with various separate rpts by men. EE "News at 9" at 1530. (Berg-HI)
- 5050 CHINA *Guangxi Foreign B/Cing Stn* in Viet 1115 7/22, fairly good signal, //9820 which was much stronger but buried under presumed CPBS powerhouse. Mostly talk, many ments. of Vietnam. Signal declined slightly by 1200 changeover to CC. (Berg-HI)
- 5102 CLANDESTINE (Jammu & Kashmir) *Voice of Jammu & Kashmir Freedom* (believed via Pakistan), fair at best \*1300 but usually much better by 1400 when they have EE nx. On Jul 23 hrd a talk about India-Pakistan, ending 1407 with "And that is the end of today's bulletin," brief vocal mx, then talk in lang. at 1410. Some light CODAR-sounding QRM (!) but VJKF easily on top; singing 1417, more talk, "Salaam Aleikem" 1424, talk, prayer 1419, spirited group singing, 1431\*. -- Also good at 1400 7/26 when introducing EE prgm "Kashmir Panorama," which is apparently the name of the EE nx prgm, or at least the prgm they were carrying that day. Nx reader was strong and clear, introducing ancr was harder to understand. (Berg-HI)
- 5678.6 PERU *R. Ilucan* (presumed), 0002-0031, 7/28, SS, continuous format of M w/ talks over bass and acoustic guitar music, between "canned" talks with echo effects over music. Presumed ID over flutes at 0030. Good music/ vox audio although all the "canned" talks were badly distorted. The vocal effects did nothing to improve the situation either. (Barbour-NH)


# International Band Loggings

5901-30000 kHz

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


- 5945 GERMANY *V of Russia* relay via Juelich in EG 0155, IS, theme mx followed by "This is Moscow" ID nx headlines, opening of 2004 Olympics in Athens, Greece, f-g w/QRN (Clar NY 8/14)
- 59525 BOLIVIA *R Pio Doce Siglo Veinte* in SP 0125, long tlks sounded like nx items from Olympics, lots of call-ins, ID(p), modulation poor and occasional deep fades (Montgomery PA 8/15)
- 5960 CANADA *RCI Sackville* in EG 2240, Maple Leaf Mailbag, tlk on Ham radio astronomy (Fraser ME)
- 5985 MYANMAR "*Burma Radio*" in EG 1445, Friday night mx pgm of pop tunes, dedications, ID "This is Burma Radio, Yangon" rather than Myanmar, nx, TC, econ promo, big band mx, f (Berg HI 7/23)
- 6005 JAPAN *NHK Sapporo* in JP 0855-0936, tlk segments, 3+1 pips, phone rpts, pop vcls, kids singing, conversation, //3607.5 usb-Tokyo, f-g (Berg HI 7/25)
- 6005 GERMANY *Deutschland R.* Berlin in GM 0044, DJ playing some nice piano mx, ID(t), first time hrd while Havana was down due to hurricane, exc til 0100 when Sweden relays/on (Montgomery PA 8/15)
- 6010 MEXICO *R Mil* in SP/EG 0837, nice mix of SP ballads/pop mx, ID's, exc (Barbour NH 7/26)
- 6060 ARGENTINA *R Nacional* in SP 0935, tlks, jingle, ID 0945, more tlks, f/out, f-p (Barbour NH 7/27)
- 6120 CANADA *R Japan* relay in EG 1035, report on teen age novelists, ID, vg (Fraser ME 7/21)
- 6130 LAOS *Lao National R.* Vientiane in Lao 1200, gongs, tlk, Asian mx, weak signal (Berg HI 7/21)
- 6135 BRAZIL *R Aparecida* in PT 2305, alt tlks over choral mx, jingle ID 2315, full ID 2325, audio hum (Barbour NH 7/25) in PT 0215\*, long relig tlk, ID, no NA at s/off, f (D'Angelo PA 7/28)
- 6160 CANADA *CKZU* Vancouver, BC in EG 0459, pgm preview, CBC Radio One, ID, pips, audio a little rough at times (Berg HI 7/23) ED: Good DX over in Hawaii from a 500 watt station on the mainland.
- 6185 CHINA *China Huayi BCC Chengdu Home Service* in CH/EG 1140, ancd as the last pgm in the EG lang series "Bi-Lingual Bridge", back to all CH after 1150, ID 1200, tlks, vg (Berg HI 7/31)
- 6765nf THAILAND *Bangkok Meteorological Radio* in EG/Thai 1209, wx rpt in EG, mx-box type IS, wx rpt in Thai, ID, fqy, sked, fair w/QRN (Berg HI 7/23)
- 6957 PERU *LV del Campesino* (p) Huarmaca in SP 0017-0032, L Am mx, OM tlks b/w songs, no ID heard during listening period, fair at best w/mild static (Barbour NH 7/27)
- 6960 SOMALIA (t) *R Shabelle Mogadishu* (p) in Somali? 1500, spirited tlks, brief Horn of Africa type music, ute voice signals in the background, fair, hrd best around 1600 on most days (Berg HI)
- 7130 SRI LANKA *D Welle* relay in EG 0013, nx re continued violence in Najaf, ID's, rpt on day's event at Athens Olympics, p-f w/QRN (Clar NY 8/20)
- 7210 BELARUS *R Minsk* (p) in RS 0145, ancmnts, chats, cmntry, closing items 0156, RS pop vcls to 0159, quick tones, interval notes, brief melody repeated 3 times, ID toh, nx, excessive ARO traffic made this one too heavy to copy well (Van Horn NC 8/15) ED: Station xmts in RS only on Sundays 0130-0200.
- 7235 SINGAPORE *RSJ* in Malaysia 1048, sub-cont mx, ID, tlks, poor w/QRN (Barbour NH 8/10)
- 7280 CHINA *V of the Strait* Fuzhou in CH 1020, tlks over class mx, ID(p) 1030, ad, f (Barbour NH 8/13)
- 7290 INDIA *AIR* Chennai in HD \*0129, early s/on for Red Fort Independence Day, IS, tlks, mx, very weak signal quickly unusable (Barbour NH 8/15)
- 7320 RUSSIA *R Rossi* via Magadan relay in RS 1005, nx(p), solid ID, Presley rx, class mx (Barbour 8/13)
- 7385 USA *WRMI* Miami, FL in EG 0258-0329, special edition of Wavescan pgm from AWR w/interview of Adrian Peterson, Japan SW Club rpt, re-bcst of Marconi/Signal Hill pgm from 2001, info re special endorsement QSL club for pgm, poor w/UTE interference (D'Angelo PA 8/2)
- 9490 CHINA *PBS Xizang* Lhasa in EG/TB 1630, "Holy Tibet" pgm in EG, tlk, mx, into TB 1700, armchair level, //7385, 6130, 6110, 5240, and 4920 -all listed from Lhasa (Berg HI 7/23)
- 9550 BANGLADESH *Bangladesh Betar* in EG 1815, TC for lcl and UTC, EG sked, nx and nx cmntry, local songs, s/off 1859 w/ID, QTH, buried under China IS s/on at 1900 (Delmage AB)
- 9580 GABON *Afrique #1* in FR 2006-2140, nx, continuous FR pop mx w/ancmnts on the fives presumably about the strike at the station, ID's, f-g (Barbour NH 7/20, D'Angelo PA 8/7)
- 9595 JAPAN *R Nikkei* Tokyo in JP 0943, talks, piano recitals, pips, ID, exc, //6055 (Barbour NH 8/13)
- 9655 IRAN *VOIRI* Kamalabad in SP 0112, feature pgm w/Mideast mx, nx brief 0122, ment "Najaf", sked, fqy, pgm note, theme mx, ID's, IS, NA at 0129 (Clar NY 8/14)
- 9660 AUSTRALIA *RA* Brandon in EG 0730, feature, ID, nx headlines, sports, f, //15160 (D'Angelo PA)

- 9665 **NORTH KOREA KCBS** Kanggye in KR 1140, large orch & opera, vg, //39597 (Berg HI 7/22)
- 9665 **MOLDOVA V of Russia** relay in EG 0250, pop song, website, IS, ID, into nx (Bauernhuber NY 8/9)
- 9705 **INDIA AIR** Panaji, Goa in EG 0007-0045\*, feature on the entertainment industry in India, pgm prevue ID, sitar mx, nx 0029, ment today being their Independence day, pop mx, fqys (Van Horn NC 8/15)
- 9745 **TAIWAN V of Han Taipei Home Service** in CH 0955, classical violin, ID toh, nx(p) w/direct reports, lite CH pop mx, tlk, big fanfare 1100, promo, more nx, vg (Berg HI 7/21)
- 9760 **JAPAN NSB Tokyo 2** home service in JP 0723-0800\*, sports pgm, f-g, //9595, 6055 (Berg HI 7/25)
- 9820 **AUSTRIA AWR** relay Moosbrunn in EG 0225, Strauss waltzes, ID, usual Cuba interference gone due to Hurricane Charley shutdown (Paszkwicz WI 8/15)
- 9935 **IRAN VOIRI** Sirjan in AR 0314, mix of AR tlks w/mx, ID 0322, instr1 mx, p-f (D'Angelo PA 8/10)
- 9960 **ARMENIA V of Armenia** Yerevan in Armenian 0319, tlk by YL, local vcls, s/off anmts 0327, group singing, IS, IDing simply as "Yerevan" just before s/off, p-f (D'Angelo PA 7/31)
- 9960 **SRI LANKA R Farda** relay in Farsi 2020, usual format of AR and EG pop mx w/breathless ID's b/w selections, nx w/soundbites 2030, sig booming in USB (Barbour NH 8/13)
- 9965 **PALAU KHBN** Koror in CH 1039, continuous relig tlks, choral mx 1055, tlk over mx 1057, YL tlk over light flute mx 1100 and fade out (Barbour NH 8/13)
- 11620 **INDIA AIR** Bangalore in EG 0200, special xmsn of PM's speech on Independence Day from flag hoisting ceremony at Red Fort in Delhi, //s on 13620, 15135, 11830 (Van Horn NC 8/15)
- 11710 **NORTH KOREA V of Korea** in EG 1045, YL's singing patriotic songs, in FR 1100 (Fraser ME 7/21)
- 117101 **ARGENTINA RAE** in EG 0203, sked, fqy, IDs, postal address, QSL instructions, p-f (Clar NY 8/14)
- 11715 **INDIA AIR** Delhi in Nepalese 0153-0230\*, pgm of HD vcls and brief Nepalese tlks b/w selections, nx, and s/off ancmts, f, //9810, 7250 (D'Angelo PA 8/9)
- 11715 **INDIA AIR** Panaji in EG 2147-2230, tlk on current affairs, financial cmntry, ID, traditional tabla mx, sitars at 2150, world nx, tlk on industrial developments in India since 1976, pgm preview, abrupt s/off 2230, p-f, //9950, 9445 (Van Horn NC 8/14) in EG 2105, nx, ID, cmntry, poor modul'n (Delmage AB)
- 11725 **EGYPT R Cairo** in EG 2300, 6 pips, ID, mx interlude, s/on ancmts, pgm lineups, local instrum'l, YL stumbling thru dialog on tourism, Mailbag, QTH, nx 2316, usual low modulation (Delmage AB 8/21)
- 11740 **INDIA AIR** Panaji in HD 2352, subcont/HD instrum'l mx, ID's and info re mx sels (Clar NY 8/16)
- 11740 **VATICAN CITY VR** in EG/AR 0638-0700\*, nx in EG, ID, IS at 0643, one min silence and into AR pgm at 0645, closed w/IS at 0659 and carrier cut 0700, f (D'Angelo PA 7/22)
- 11795 **PHILIPPINES R Veritas Asia** in EG/RS \*1459, s/on w/jazzy trumpet and breezy EG ID, fqy, QTH, lead-in ancm't to pgm in RS, "Blagovest"? pgm from 1500 on, vg (Berg HI 7/25)
- 11800 **CUBA RHC** Havana in SP 1230, IS, ID, nx pgm by YL/OM, f-g, //11760, 12000 (Fraser ME 7/14)
- 11815 **BRAZIL R Brasil Central** Goiania in PT 0237-0314, futbol sports tlk, jingle ID's, fqy ancm't, religious Program, fair, //4985 poor (D'Angelo PA 7/21)
- 11855 **EGYPT R Cairo** in EG 0209, Koran readings in AR w/EG translations, muffled audio (Clar NY 8/14)
- 11860 **IRAN VOIRI** Sirjan in Armenian \*0256-0328\*, sudden opening w/instrum'l mx and ID, orchestral NA YL w/nx followed by features hosted by OM w/brief mx interludes b/w items, f (D'Angelo PA 7/22)
- 11905 **UZBEKISTAN R Tashkent Int.** in EG \*2130, IS, ID, sked for EG xmsns, cmntrys, local mx pgm, into interview w/US visiting student from Utah, QRM from Swiss R. 2155, s/off 2157 (Delmage AB 8/8)
- 11935 **KUWAIT VOA** relay in EG 2328, "VOA News Now" including a rpt from Dan Robinson about the 9/11 Commission Report, p-f (D'Angelo PA 8/3) in EG 2312, rpt on Taiwan and China, police plans for expected protests at GOP convention in NYC, ID, Olympic nx, p-f (Barbour NH 8/18)
- 11975 **UNITED ARAB EMIRATES AWR** relay via Abu Dhabi in Amheric/Tigrinya 0320, mx, tlks in langs, pgm change into Tigrinya at 0330, ID in EG, p (D'Angelo PA 7/21)
- 11985 **INDIA AIR** Delhi in Tamil/Sinhala 0044, Tamil at t/in but into Sinhala service w/ID at 0045, lite vocal mx, tlks, fair w/xmtr hum, //11740 Panaji (Barbour NH 8/20)
- 13635 **ISRAEL Israel Radio** Tel Aviv in HB 2230, piano mx/OM voice, tlk of Miami, Jerusalem, and Hamas good signal (Robinson TN 7/10)
- 13680 **CANADA China R Int** relay Sackville in EG \*2300, cmntry..."we hope to promote the migrant people health and education", tlk re reindeer farms, exc (Robinson TN 7/6)
- 13715 **IRAN VOIRI** Kamalabad in Malay 2324, ID's, QTH, website, sked, theme mx/IS, into pgm in CH at 2330, fair w/fading and QRM (Clar NY 8/16)

- 15040 **INDIA AIR** Bangalore in EG/HD \*0132-0209, IS, ID, spec coverage of flag raising ceremony at Red Fort in conjunction w/Independence Day and arrival of PM to speak, muddy audio (Barbour NH 8/15)
- 15050 **INDIA AIR** Delhi in Sinhala, orch mx, tlks, nx(p), cmntry, ID, NA? mx, p-f with QRN (Clar NY 8/17)
- 15110 **KUWAIT R Kuwait** in Urdu 1751, chant or prayer, ID, fqy/sked, NA, pips, TC, fair (Clar NY 8/20)
- 15120 **NIGERIA V of Nigeria** Ikorodu in EG 0520, ID, econ nx, good sig 7/21, poor 7/26 (Berg HI 7/21-26)
- 15180 **NORTH KOREA V of Korea** Kujang in EG \*0100, NA, ID, nx re relations w/ No Korea, USA govt and So Korea, S-3 signal w/rapid fades (Montgomery PA 8/22) in EG 0113, tlks re reunification with So Korea and "the Great Leader", IDs, ballads, tlk re "Revolutionary Forces", f (Barbour NH 7/19)
- 15190 **ANTIGUA BBC** relay in EG 1250, Caribbean Report, tlk on underwater columbarian (Fraser ME)
- 15235 **VATICAN CITY Vatican R.** in EG 1545, recitation of Nicene Creed, into the General Intercessions ("Prayers of the Faithful"), fair w/QRN (Clar NY 8/21)
- 15240 **CANADA R Sweden** relay in EG 1350, "Swede Talk" feature, a travelogue w/trip to botanical gardens and Stockholm cathedral, ID, pop tune, IS, ID's in SW, f-g w/QRN (Clar NY 8/17)
- 15245 **NORTH KOREA V of Korea** Kujang in EG 1507, tlks, cmntry on Australia, regional nx, annoying hum accompanied the audio, co-chan QRM from R Liberty (Montgomery PA 8/19)
- 15355 **OMAN R Sultanate of Oman** in AR 2319, drama w/ Islamic theme, ME mx, IDs, f-g (Clar NY 8/18)
- 15360 **PHILIPPINES R Pilipinas** in EG/Vern 1512, long tlks back and forth b/w EG/Vern, nx items, tlks re PNG government, ID(t) 1516, NA?, fqy info and off at 1528, weak w/fades (Montgomery PA 8/19)
- 15455 **CANADA RCI** Sackville in PT 2337, rpt in EG w/PT translation on use of antibiotics in animal feed, ID's, mailing address, good signal, //11825 (Clar NY 8/15)
- 15748v **SRI LANKA SLBC** Colombo in EG 0037-0140, instrum'ls, relig devotional pgm, India address for listeners, ID, fqys, 50's tunes, pgm preview, mail, nx (Van Horn NC, Barbour NH, Montgomery PA)
- 17535 **ISRAEL Israel Radio** Tel Aviv in EG 1908, tlk on West Bank security fence, //15640 (Fraser ME 7/11)
- 17630 **GABON Africa #1** Moyabi in FR 1026, interview, violin mx, ID, S-7 w/fades (Montgomery PA 7/18)
- 17820 **PHILIPPINES VOA** relay in EG 2316, "Point of View", feature on medical use of marijuana, ID, news update, TC, pgm note, fair w/fades (Clar NY 8/15)
- 17880 **PAKISTAN R Pakistan** Islamabad in Urdu 0128, vocals at t/in, OM w/rpt and cmntry w/weak audio followed by OM w/stronger audio, studio annrc at 0141 followed by "live" rpt, p-f w/varying static levels, //15485 barely audible under heavy static (Barbour NH 8/20) 

## Company Store

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Hello everyone. We've had a good response to the Beer Mug Special I mentioned last month, but I still have some mugs available so I'm going to expand it and make the price of all beer mugs \$4.00 regardless of the number ordered. Shipping is extra and will be \$7.00 for North America and \$15.00 for other parts of the world. Also, I've talked to our supplier and have worked out a deal to make copies of the *2005 Passport to World Band Radio* available to members at the prepublication price of \$18.90 per copy. This is the same price we sold them for last year. As usual, shipping is extra (\$4.00 for North America and \$8.00 for the rest of the world). I've been told that they should be available from the publisher by mid to late October. I will be accumulating orders and shipping them out to club members in batches again this year. In addition, this year, I'll be offering a prepublication special on the new *2005 World Radio TV Handbook* as well. The price will be \$26.90 with shipping additional (\$4.00 and \$8.00 depending on where its being shipped). That's about it for now. Until next month....Mike 

**WORLD OF RADIO, CONTINENT OF MEDIA, MUNDO RADIAL  
BROADCAST SCHEDULE EFFECTIVE AUGUST 28, 2004**

For latest updates see our Anomaly Alert page:  
<http://www.worldofradio.com/anomaly.html>

**WORLD OF RADIO BY TELEPHONE:** usually available from Sunday mornings via Laser Box, 1-206-333-5096. Toll charges apply outside Seattle. Thank you, Joybubbles.

Days and times here are strictly UT. This schedule shows times as shifted for DST in Europe and North America.

Wed 2200 WOR WBCQ 7415 [first airing of each edition]  
Wed 2300 WOR WBCQ 17495-CUSB  
Thu 1000 WOR RNI [archive]  
Thu 1600 WOR WBCQ after hours  
Thu 2000 WOR RFPI [these RFPI airings Thu/Fri usually previous week's show]  
Thu 2030 WOR WWCR 15825  
Fri 0000 WOR RFPI  
Fri 0200 WOR ACBRadio Mainstream  
Fri 0400 WOR ACBRadio Mainstream  
Fri 0400 WOR RFPI  
Fri 0600 WOR ACBRadio Mainstream  
Fri 0800 WOR RFPI  
Fri 0800 WOR ACBRadio Mainstream  
Fri 1000 WOR RNI [archive]  
Fri 1000 WOR ACBRadio Mainstream  
Fri 1200 WOR RFPI  
Fri 1200 WOR ACBRadio Mainstream  
Fri 1400 WOR ACBRadio Mainstream  
Fri 1600 WOR RFPI  
Fri 1600 WOR WBCQ after hours  
Fri 1600 WOR ACBRadio Mainstream  
Fri 1800 WOR ACBRadio Mainstream  
Fri 2000 WOR ACBRadio Mainstream  
Fri 2115 MR WWCR 15825 [or as early as 2110]  
Fri 2200 WOR ACBRadio Mainstream  
Fri 2300 WOR Studio X, Momigno, Italy 1584 87.35 96.55 105.55  
Sat 0000 WOR SIUE WEBRADIO  
Sat 0000 WOR ACBRadio Mainstream  
Sat 0030 MR SIUE WEBRADIO alt with:  
Sat 0030 COM SIUE WEBRADIO  
Sat 0800 WOR WRN1 to Eu, Au, NZ, WorldSpace AfriStar, AsiaStar, Telstar 12 SAM  
Sat 0855 WOR WNQM Nashville TN 1300  
Sat 1000 WOR RNI [archive]  
Sat 1030 WOR WWCR 5070  
Sat 1600 COM WBCQ after hours  
Sat 1828 WOR WPKN Bridgeport CT 89.5  
Sat 2000 WOR RFPI  
Sat 2030 WOR WBCQ 17495-CUSB  
Sat 2030 WOR R. Lavalamp  
Sat 2300 WOR RFPI  
Sun 0230 WOR WWCR 5070  
Sun 0300 WOR WBCQ 9330-CLSB  
Sun 0400 WOR RFPI  
Sun 0630 WOR WWCR 3210  
Sun 0700 WOR RFPI  
Sun 1000 WOR WRN1 to North America, also WLIO-TV Lima OH SAP  
Sun 1000 WOR KSFC Spokane WA 91.9  
Sun 1000 WOR WDWN Auburn NY 89.1 [unconfirmed]



Sun 1000 WOR KTRU Houston TX 91.7 [occasional]  
 Sun 1000 WOR RNI [archive]  
 Sun 1100 WOR R. Lavalamp  
 Sun 1200 WOR RFPI  
 Sun 1500 WOR RFPI  
 Sun 1500 WOR R. Lavalamp  
 Sun 1600 COM WBCQ after hours  
 Sun 1900 WOR Studio X, Momigno, Italy 1584 87.35 96.55 105.55  
 Sun 1930 WOR WWCR 12160 [new]  
 Sun 2000 WOR RNI  
 Sun 2000 WOR RFPI  
 Sun 2300 WOR RFPI  
 Mon 0100 WOR WBCQ 9330-CLSB [time varies]  
 Mon 0230 WOR WRMI 6870  
 Mon 0330 WOR WSUI Iowa City IA 910 [week delay]  
 Mon 0400 WOR RFPI  
 Mon 0430 WOR WBCQ 7415  
 Mon 0700 WOR RFPI  
 Mon 0900 WOR R. Lavalamp  
 Mon 1000 WOR RNI [archive]  
 Mon 1200 WOR RFPI  
 Mon 1500 WOR RFPI  
 Mon 1600 WOR WBCQ after hours  
 Tue 1000 WOR RNI [archive]  
 Tue 1600 WOR WBCQ after hours  
 Tue 2130 MR WWCR 15825  
 Wed 0930 WOR WWCR 9475  
 Wed 1000 WOR RNI [archive]  
 Wed 1600 WOR WBCQ after hours  
 Wed 2100 MR WWCR 15825

Latest edition of this schedule version is at:  
<http://www.worldofradio.com/radioskd.html>

An expanded schedule also showing local times:  
<http://www.worldofradio.com/worfmast.html>

Internet on demand: see Our Current Audio page for availability:  
<http://www.worldofradio.com/audiomid.html>

Webcasts at times shown are available from all stations  
 except WWCR, WNQM, Studio X, WBCQ-9330, 17495.

Visible audio links:

WBCQ: [http://www.scottbecker.net/modules.php?name=Web\\_Links&l\\_op=visit&lid=1](http://www.scottbecker.net/modules.php?name=Web_Links&l_op=visit&lid=1)  
 RNI: <http://www.11L-rni.com>  
 RFPI:  
<http://www.publicradiofan.com/cgi-bin/wrap.pl?s=rtsp://qt.streamreal.org/live/rfpi>  
 ACB Radio: <http://www.acbradio.org/mainstream.html>  
 SIUE Web Radio: <http://webradio.siue.edu/>  
 WPKN: [http://www.wpkn.org/live\\_ram](http://www.wpkn.org/live_ram)  
 R. Lavalamp: <http://www.radiolavalamp.org>  
 WRN: [http://new.wrn.org/listeners/schedules/popup\\_player\\_live.php?stationID=50](http://new.wrn.org/listeners/schedules/popup_player_live.php?stationID=50)  
 KSFC: <http://www.kpbx.org/audio/listenonline/ksfc.m3u>  
 WDWN: [http://www.cayuga-cc.edu/telcom/wdwn\\_ram](http://www.cayuga-cc.edu/telcom/wdwn_ram)  
 KTRU: <http://www.ktru.org/realaudio.html>  
 WSUI: <http://128.255.60.46:8080/ramgen/encoder/wsuilive.rm>

Inviting all NASWAns to tune in weekly, 73, Glenn Hauser

# Company Store

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

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

## Publications

<b>Shortwave Listening Guidebook</b> by Harry Helms. A beginners guide to shortwave listening covering equipment and more.	\$19.95 +2.00 s/h US/CA +3.00 s/h world
<b>Joe Carr's Receiving Antenna Handbook</b> A guide to high performance receiving antennas from longwave to HF and VHF.	\$19.95 +2.00 s/h US/CA +3.00 s/h world
<b>Joe Carr's Loop Antenna Handbook</b> Comprehensive but readable guide to understanding and building loop antennas.	\$16.50 +2.00 s/h US/CA +3.00 s/h world
<b>Shortwave Receivers, Past &amp; Present</b> by Fred Osterman. Comprehensive book for anyone interested in buying or collecting shortwave radios.	\$21.00 +2.00 s/h US/CA +3.00 s/h world
<b>Farrell's Confidential Frequency List (12th Edition)</b> Compiled by Kevin Nice. Definitive source of information for the dedicated ute listener.	\$24.50 +4.00 s/h NAM +8.00 air world
<b>Radio Monitoring: the How-to Guide</b> by Skip Arey. Guide for new listeners to MW, HF, VHF and above.	17.95 +4.00 s/h NAM +8.00 air world
<b>Passport to Worldband Radio 2004</b> Great source of information about shortwave stations, frequencies in use and schedules.	\$20.95 +4.00 s/h NAM +8.00 air world
<b>World Radio and TV Handbook 2004</b> Long considered to be the bible for shortwave listeners.	\$27.95 +4.00 s/h NAM +8.00 air world
<b>NASWA Country List and Awards Program Booklet</b>	\$3.00 PP US/CA \$5.50 elsewhere
<b>NASWA T-Shirts</b> Return of a favorite in NASWA blue with the club logo.	\$12.00 S-XL 14.00 XXL +4.00 s/h NAM +8.00 air world
<b>NASWA Sweatshirts</b> Return of a favorite in NASWA blue with the club logo.	\$20.00 S-XL 22.00 XXL +8.00 s/h NAM +15.00 air world
<b>NASWA Coffee Mugs</b> 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 NAM +10.00 air world
<b>NASWA Beer Mugs</b> 16 oz. clear glass mug embossed with "Fest '04" on two sides.	\$8.00 +7.00 s/h NAM +15.00 air world

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



