

# The **NASA** Journal

VOLUME XLIII NUMBER 6

JUNE 2003



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SP-31

The Kenwood SP-31 is a high quality speaker with audio filtration that may be used with virtually any communications receiver or transceiver. The SP-31 features a 4 inch (10 cm) speaker in a metal enclosure. The switch in the upper right corner can select from two audio input sources. The three switches on the lower right activate two high (HIGH 1, HIGH 2) cut and one low (LOW) cut audio filters. This allows you to tailor the frequency response of the speaker system. This speaker also has a standard 1/4 inch headphone jack on the front panel and a Line Output Jack on the back panel (to feed a recorder, RTTY unit, etc.). These convenient output jacks are post filtration. The input posts are spring terminals. An audio cable to 3.5mm mini plug is provided. The front may be elevated by adjusting the front feet. 7.2x4.7x12.3"



Kenwood SP-31 Order #0694 \$99.95

**TEN-TEC**  
RX-320D

"DRM" Capable! **NEW!**

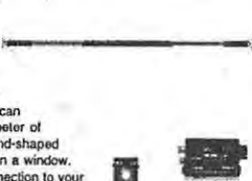


Computer based receivers have traditionally been about compromise, especially on shortwave. The Ten-Tec RX-320 broke that mold, providing exceptional HF performance. It employed true digital signal processing technology at the IF level to reduce the number of individual electronic components but yet provide features of far more expensive radios. The new RX-320D is capable of receiving DRM digital broadcasts with extra software (not supplied) and appropriate sound card. The Digital Radio Mondiale Consortium (DRM) was formed in 1998 when a group of pioneering broadcasters and manufacturers joined forces to create a universal, digital system for the AM broadcasting bands below 30 MHz. Since then, DRM has expanded into an international consortium of more than 70 broadcasters, manufacturers, network operators, research institutions, broadcasting unions and regulatory bodies. DRM is the world's only non-proprietary, digital system for shortwave, AM and LW providing near-FM quality sound. This new D model has a 12 kHz I-F output jack on the back panel that allows received signals to be streamed from the I-F directly to your computer's sound card for Digital Radio Mondiale decoding. This special decoding software is only available (for 60 Euros, about \$60.00) through the DRM consortium via the DRM Software Radio web site located at [www.drmm.org](http://www.drmm.org). It is not available through Ten-Tec or Universal Radio. As with the original DX-320; you can enjoy selecting any five filters from 34 built into the radio (25 choices from 1050-8000 Hz and 9 from 300-900 Hz, all with 1.5:1 shape factor or better). A spectrum display function is also supported. Memories store frequency, mode, filter, BFO, name, comments, notes. A local-time, world-time (UTC) clock is continuously displayed. This stand-alone, black box PC radio only requires access to a serial port and one megabyte of free hard drive space for the software. It runs either Windows 93.1 or Windows 95/98. As with most Windows programs you can launch the PC radio, tune to an interesting station, and then put it in the background while your PC performs other tasks. You can even surf the web and tune the world at the same time. The line output can drive a computer sound card plus there is an external speaker jack (speaker not supplied). The RX-320 features a telescopic antenna or there is an RCA type antenna jack for an external antenna (recommended). With informative owner's manual written by noted author Joe Carr. This high-tech American-made product is a great value. We invite you to visit our website for more information the RX-320, Digital Radio Mondiale or upgrading the earlier RX-320 to RX-320D. Order #0321 \$328.95

**AOR**

WL500

The AOR WL500 acts like a signal magnet capturing and amplifying shortwave transmissions in the 3.5 to 30 MHz range. If you add the optional 500LM bar element, you can extend reception to include long wave and medium wave. Up to 16dB of gain (with an IP<sup>2</sup> of +14.5 dBm) can be realized. With a diameter of about 2 feet, the diamond-shaped antenna can hang freely in a window. Assembly is simple. Connection to your receiver, via the metal control box, is achieved through a standard BNC connector (a BNC to BNC coaxial jumper cable is included). Disassembly is also easy, so this antenna is ready to travel wherever you go. The WL500 requires a 12 VDC 150 ma power supply (optional) or 9 volt battery.



WL500 Order #0238 \$198.95  
 500LM Lw/mw Order #0796 \$74.95

**BUDWIG**  
DIPOLE  
INSULATOR



Constructing a dipole is easy with the HQ-1 center insulator. Attach each "arm" of your dipole to this device and then screw your PL-259 into the center! You get easy assembly, the best connection, the strongest support and the most weatherproof fit. See our website for more antenna supplies. Budwig HQ-1 Order #1782 \$6.95

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And so it goes...now it's HCJB's turn to cut back on shortwave broadcasting. Severe cuts in several languages including no more English evenings to North America. Decisions like these always use key words such as "strategic" to describe what is going on. Nevertheless, shortwave listeners lose another long time favorite as another international shortwave broadcaster cuts back dramatically further impacting shortwave listeners in North America and around the world. On the positive side of the ledger, the apparent end of the long running DX Partyline program (remember Clayton and Helen Howard?) has been prevented with HCJB-Australia set to continue broadcasting the program, which will continue to be produced in Quito.

The Danish Shortwave Club International (DSWCI) has just released its *Domestic Broadcasting Survey 5 (DBS-5)* edited by well-known DXer Anker Petersen. It is available only by e-mail in pdf-format. I have just received a copy of the latest offering and similar to past issues of the DBS it is highly accurate and proved to be a valuable resource while tuning the bands. Copies can be obtained for US\$5.00, Euro 5 or 7 International Reply Coupons from DSWCI, c/o Bent Nielsen, Egekrogen 14, DK 3500 Værløse, Denmark. We hope to be able to have a review of DBS-5 appearing in the Journal either this month or in the near future.

Things are heating up on the domestic front. See this month's *Musings* and *Technical Topics* for the latest developments in the Federal Communications Commission's Notice of Inquiry on broadband over power line deployment and the disaster that awaits radio enthusiasts. *Electronic Flashsheet* participants read about this almost a month ago. **Joe Buch** is leading a NASWA Working Group to submit comments on behalf of our club.

Other distinguished teams members of the Working Group are **Ralph Brandi**, **Rich Cuff** and **John Figliozzi** with input from **Paul Brouillette**.

The **Valley Forge Hamfest and Computer Fair** will be held rain or shine at the Fire Company Fairgrounds in Kimberton, PA (Route 113 - South of the Intersection with Route 23) on July 13, 2003. Admission is just \$6.00 with tables both inside and outside. Further information can be obtained at the website: [www.marc-radio.org/hamfest.html](http://www.marc-radio.org/hamfest.html) or by writing MARC, P. O. Box 2154, Southeastern, PA 19399. Stop by and visit with **Ed Mauger** and **Dan Cashin** who will be manning the NASWA Table.

Thanks to member **Pete Costello's** suggestion, on an experimental basis Headquarters is willing to take payments for membership using Paypal. We will give this payment method a trial run to see how it goes. Please contact **Bill Oliver** ([weoliver@comcast.net](mailto:weoliver@comcast.net)) to coordinate your payment arrangements when you use PayPal. Although Bill has used this method of payment in a few instances in the past, it never became a club practice.

Member **Bob Raymond** <[bob.raymond@dxxtreme.com](mailto:bob.raymond@dxxtreme.com)> of DXxtreme Software (26 Langholm Drive, Nashua, NH 03062 USA) continues to market products specifically designed for shortwave listeners and DXers. Check out the website <[www.dxxtreme.com](http://www.dxxtreme.com)> for full details. DXxtreme Station Log - Multimedia Edition was just released. Like other logging programs, DXxtreme Station Log lets hams log their contacts and import files from popular contest programs. Unlike other logging programs, Station Log provides multimedia and advanced functions that can add a new dimension to Amateur Radio logging activities. It features an embedded audio facility for archiving purposes (this

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OUR MOTTO IS - "UNITY AND FRIENDSHIP"

could have SWBC applications as well). The program allows QSL cards to be scanned as digital images (another SWBC application). The Station Log runs Microsoft Windows XP and retails for US\$79.95 in North America and US\$82.95 elsewhere. The Dxtreme Reception Log product has many of the same features and is designed specifically for monitoring enthusiasts. Check out the website for complete information on this and other easy-to-use logging applications for radio enthusiasts.


The world's leading television and radio broadcasters, together with supporting companies from satellite, transmission, production and manufacturing, meet in London in late April at the **Association of International Broadcasters (AIB) Global Media Business Conference**. The two-day conference opened on April 29<sup>th</sup> with more than 150 senior executives from the broadcasting industry in Europe, North America, Africa, the Middle East and Australasia taking part. Simon Spanswick, AIB chief executive was delighted by the wide range of delegates noting, "This is the first opportunity to debate the issues that have arisen in covering the Iraq war and the broadcasters present, from the BBC to al-Jazeera, will be able to evaluate their coverage and audience reaction." The conference examined issues from audience measurement and ratings to technology, from creating compelling content to piracy of content. The final afternoon featured a debate about broadcasting and the Iraq war.

Don't forget to plan your summer travels around some of the gatherings listed in our *Calendar of Events*. Two great shortwave oriented events readily come to mind. The first is the **European DX Council's** annual conference in Konigstein, Germany with DXers and radio station personnel from all over Europe and abroad promises to be another good one. The Rhein-Main-Radio-Club is organizing the event, which is scheduled for 15-17 August 2003. The second is the **Ontario DX Association's** annual con-

vention, "RadioFest 2003", on 19-21 September 2003 at the Monte Carlo Inn in Oakville, Ontario, Canada. 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: Ontario DX Association, Box 161, Willowdale Stn. A, Toronto, Ontario, Canada M2N 5S8. Also, medium wave fans will find the National Radio Club convention over Labor Day Weekend a special treat. Monitor the Calendar of Events for additional details and further updates. Oh, and did I mention the Valley Forge Hamfest and Computer Fair?

As the prime DX season winds down, remember there is still a lot of DX out there to chase. The best place to catch up with that DX is 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 DX to members including breaking news such as the FCC Notice of Inquiry in early May. Our electronic newsletter continues to be 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 members. Deadlines are posted in the *NASWA Flashsheet* each week. If you are a current member of the club and want to receive the electronic *NASWA 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.

Remember to please direct all communications about subscriptions, bulletin delivery issues, 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 directly to me in 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. 

**NASWA**

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

## Calendar Of Events

- Jun 20 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: dcsckp@aol.com.
- Jun 20 Meeting. Boston Area NASWA Chapter.** The Boston Area DXers have found a new location for meetings. Inquiries about the BADXers may be sent to Paul Graveline at 978-470-1971 or Internet: ctreditor@aol.com. The URL for the BADX guys is <http://www.anarc.org/naswa/badx/>
- Jun 27-29, 2003 Convention.** The 40<sup>th</sup> annual **IRCA Convention** will be held on 27-29 June at the Best Western Merry Manor Inn, 700 Main Street, South Portland, Maine 04106. Call 207-774-6151 to secure your club rate of \$69.00 per night. Registration fee is \$35.00 payable to Mike Sandburn, Box 1256, Bellflower, CA 90707-1256. Questions can be directed to Mike at the above address or [mikesandburn@hotmail.com](mailto:mikesandburn@hotmail.com)
- Jul 12 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 <[radioSCAN@siscom.net](mailto:radioSCAN@siscom.net)>. For additional information about MONIX, check out their web site at <<http://www.siscom.net/~mmeece/monix.html>>
- Jul 13 Hamfest.** The **Valley Forge Hamfest and Computer Fair** will be held rain or shine at the Fire Company Fairgrounds in Kimberton, PA (Route 113 - South of the Intersection with Route 23) on July 13, 2003. Admission is \$6.00. Stop by the visit Ed Mauger and Dan Cashin at the NASWA Table. Further information can be obtained at the website: [www.marc-radio.org/hamfest.html](http://www.marc-radio.org/hamfest.html) or by writing MARC, P. O. Box 2154, Southeastern, PA 19399.
- Aug 15-17, 2003 Convention.** The Rhein-Main-Radio-Club will host the 2003 **European DX Council Conference** in Konigstein, which is near Frankfurt, Germany area on 15-17 August 2003. This year's conference will concentrate on the future of the hobby as well as shortwave, tropical bands, FM-DX and Free Radio. Further information can be obtained electronically from Harald Gabler ([DrGabler@t-online.de](mailto:DrGabler@t-online.de)).
- Sep 5-8, 2003 Convention.** The **National Radio Club** will hold its annual convention celebrating its 70<sup>th</sup> year of operation on Labor Day Weekend, 5-8 September 2003 at the Holiday Inn Select DFW in Irving, Texas. Rates are \$69.00 per night. Convention registration is \$45.00. The host committee consists of John Callarman, Bill Hale and Wally Wawre. Further details will be provided as they become available.
- Sep 19-21, 2003 Convention.** The **Ontario DX Association** will hold **RadioFest 2003** on 19-21 September 2003 at the Monte Carlo Inn, 374 South Service Rd. E., Oakville, Ontario, Canada L6J 2X6 (Tel: (905) 849-9500, Fax: (905) 849-6405, E-mail: [reservation@montecarloinn.com](mailto:reservation@montecarloinn.com) and Web Site: <http://www.montecarloinn.com/oak.htm>). 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: Ontario DX Association, Box 161, Willowdale Stn. A, Toronto, Ontario, Canada M2N 5S8
- Sep 2003 Contest.** 2003 **Adventist World Radio "Wavescan" DX contest** is scheduled to run during the month of September. Listeners will be asked to submit a list of unique QSLs (QSLs that you own that you consider no one else in the world has). Once in a lifetime frequency usage, emergency broadcasts, emergency transmitters, transmitter on wrong frequency, mistaken frequency entry, harmonic radiations, etc. etc? Full details to follow later in 2003.

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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## FRENDX: Twenty Five Years Ago (June 1978)

Headquarters provided full details on the 1978 ANARC Convention to be held at the Radio Canada International studio complex in Montreal, Canada 14 to 16 July. Also, Headquarters indicated it was searching for a replacement for distributing editor Greg Ravenhorst. Just as *Frendx* went to print, Dave Walcutt stepped forward to accept the position. In the *Shortwave Center*, Bill Whitacre wrote about an antenna/receiver switch anyone could build while Daniel Gallagher wrote a guide to Peru and Bolivia for beginners. In the *ASL Report*, Sam Barto noted 106 countries verified. *The Scoreboard* featured 178 members reporting results. Publisher Bill Oliver mentioned that *Special Features* editor Diane Levesque would be doing an occasional column on shortwave music. The third annual New England DXers Outing was scheduled for the first Sunday after Labor Day. The first outing attracted 32 participants, the second 53. Organizer Sam Barto was targeting 75 for this the third gathering.

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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.*

**Joe Wood <Jkwood124@aol.com>, 124 Brittany Drive, Gray TN 37615**

I am not sure to whom to address this at *The Journal*. Maybe it might make a topic for the *Musings* column.

I have been a SWL for several years and have always enjoyed reading the log columns in several SW publications. In *The Journal* in particular there are usually several different styles of music listed for Latin American and African receptions. Is there a list available anywhere that might shed some light on the types of music listed such as: "Indo pops," "hilife," "Afro pop," "OA type Mx," etc.?

73, Joe

**Martin Peck <ponfarr@hotmail.com>, 100-21 Co-op City Blvd. #21-B, Bronx, NY 10475**

Hi and welcome from sunny and (finally!) warm New York City! I'm wondering if you know and could contact anyone who has cassette recordings of Radio Tahiti music broadcasts from the late 1970s and early '80s. Yes, those were the good 'ole days, when Radio Tahiti was almost as easy most days as picking up WCBS Newsradio 88! I've got an "earworm" that I'm trying to "cure" by trying to get recordings of certain pieces of music that Radio Tahiti used to play, then have someone transcribe a few bars of each song into written musical notation, then send of the printed music to anybody who might be an old-timer from Radio Tahiti in order to identify each piece so I might be able to buy CD recordings of them---no one says this will be an easy task! Anyway, please reply if you can assist me.

Take it easy—73!

**Tim O'Hare <stohare-retired@webtv.net>, 1217 W. Decatur, Spokane, WA 99205**

I'm looking for DXers in the Spokane Washington area that would like to form a group to swap shortwave DX tips, possibly set up a phone tree when some good "stuff" is coming in, etc. Call Tim O'Hare @ 509-325-4338 anytime-thanks!

**Paul Brouillette, 611 Illinois Street, Geneva, IL 60134**

Recently, the FCC has issued a Notice of Inquiry seeking public comments on what they are calling Broadband Over Power Line (BPL) deployment in the US. BPL is also known as Power Line Communications (PLC) in Europe and elsewhere. With this system, electric power lines are used to transmit broadband services (Internet, etc.), instead of using coax or fiber optic cable. The logic is that power lines go everywhere without having to run expensive coax or fiber optic cable all over the country.

So, what does this have to do with SWling? Well, the broadband BPL signal that would be placed on power lines would occupy the RF spectrum from 2 to 80 MHz. That's all the SWBC, and HF amateur radio spectrum, and quite a bit more! The more technical people out there will recall from basic transmission line theory that wires configured as power lines will work fine carrying 60 Hz AC power, but will radiate any RF on them like crazy! The FCC proposes to limit this RF emission by Part 15 of its rules. But according to calculations by various amateur radio experts, among them W1RFI, Ed Hare, RF Guru of the ARRL, the Part 15 rules combined with the unique characteristics of the digital broadband signal, could result in a solid S9 blanket of interference over all the HF bands, all the time. These theories have been borne out by hard data taken during testing by various groups in Germany, Austria, Japan and the UK. The ARRL is currently set to run similar field tests here in the US in the several cities where BPL is being used on a limited trial basis.

The FCC Commissioners are unanimously and enthusiastically in favor of this system, but they are not quite sure if it is technically feasible. Thus, their issuance of the Notice of Inquiry. They want to know what we, the people, think about this idea. I think it would be good if we let them know! Please keep in mind that any public comment you wish to file with the FCC should be respectful, factual, and as un-emotional as possible. Technically oriented comments are the most useful. You must indicate that your comments are in reference to ET Docket No. 03-104. The postal mail contact information is as follows:

Office of Engineering & Technology  
Federal Communications Commission  
445 12<sup>th</sup> Street, SW  
Washington, DC 20554

There should be a way to submit comments electronically also. But at this time, I do not see this Docket number listed on their public comments web page. Perhaps this is because it is an ET (Engineering & Technology) Docket.

I have sent my comment letter to their postal address. If anyone would like a copy for his or her reference, please send me a business-size SASE.

**Joe Buch <joseph.buch@dol.net>, PO Box 1552, Ocean View, DE 19970**

Paul makes some excellent points and we all should thank him for taking the time to submit comments to the FCC. I second his motion for all of us to submit comments in opposition to deployment of this technology.

He mentions the work the ARRL has been doing to mitigate the effects of this technology on ham radio HF communications. I have a copy of a paper written to present the results of some testing ARRL already did to measure the detrimental effects of this technology as the standard was being developed a few years ago. The results are presented in this month's *Tech Topics* column elsewhere in the *Journal*.

The bottom line is that ARRL negotiated notches in the radiated spectrum, which correspond to the ham bands. They have done nothing and cannot be expected to do anything in those parts of the spectrum used exclusively for SW broadcast. The standard developers also stood to gain from being cooperative because just as they will interfere with ham radio receivers, ham transmitters have the potential to also mess up power line communications. Avoiding the ham bands makes sense to the developers of this standard as a way to minimize ingress of unwanted interference.

If this system is widely deployed, it will likely end shortwave broadcasting reception in the USA. Because ARRL has their own spear to carry into this battle, it is essential that every member of NASWA submit comments that state our case. You can submit written comments via US Post as mentioned in Paul's musing or electronically. The *Tech Topics* article explains how to submit your comments electronically.

I believe we should not emphasize the hobby aspect of what we do. Inconveniencing a few thousand hobbyists will carry little weight with the FCC commissioners when compared to opening another way for millions of US households to access competitive broadband Internet services.

In my comments to the FCC I plan to emphasize the right of free people to access information from all over the world without the biases or diluting effects of intermediaries. If I want to listen to the news as seen by the government of the Democratic People's Republic of Korea, that is my right in a free society. If I want to listen via shortwave radio, that is also my right. Nobody should be forced to pay for something they can legally get free.

The possible deployment of this technology would not be in the interest of the people of the USA because tests performed by ARRL and the developers of the HomePlug standard have already proven there will be devastating effects on access to international radio broadcasts.

There are many examples of governments prohibiting their citizens from listening to foreign broadcasts throughout history. Nazi Germany and the Stalinist USSR are two examples that leap to mind. Today many Asian countries prohibit their citizens from using satellite TV antennas to access outside viewpoints and information. The USA prides itself as being an example to the world of how a free society must, if it is to remain free, encourage free access to the written and spoken word. Unfortunately, the FCC, if it adopts a technology that limits our access to foreign radio broadcasts, will be cutting off access to information just as surely as Hitler, Stalin and Saddam did to their subjects.

Sure, it may be argued that inexpensive broadband Internet access will provide infinitely more access to information including print, audio, and even interactive video formats. In response I maintain that a free people should not be forced by their government to pay to access information that is today available for free on the international radio bands. This approach will place an unfair economic disadvantage on the poorer economic classes ensuring the widening gap between the "haves" and the "have-nots" will continue to grow.

The greatest impact will be on the people who can least afford to pay for broadband access of any kind.

Now it's your turn. Use your own words; make your own points. Be polite, logical and unemotional as Paul suggests. As the guy who ran Radio Moscow's Moscow Mailbag said many times, "You can't do better than to write us that letter." Write your letter to the FCC or submit your electronic comments and do it by June 15.

Joe Buch

**Jeff White, President National Association of Shortwave Broadcasters,**  
<radiomiami9@cs.com>, 10400 NW 240<sup>th</sup> Street, Okeechobee, FL 34972

We wish to inform you and your readers of a potentially disastrous Notice of Inquiry (NOI) currently being undertaken by the Federal Communications Commission. This NOI deals with Broadband Internet Service over Power Lines, or BPL. The Press Release for this NOI can be found at the following URL: [http://hraunfoss.fcc.gov/edocs\\_public/attachmatch/DOC-A1.doc](http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-A1.doc).

The actual NOI can be found at this URL: [http://hraunfoss.fcc.gov/edocs\\_public/attachmatch/FCC-03-100A1.doc](http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-100A1.doc).

This BPL system will operate by injecting a broadband signal on power lines within a person's home in the frequency ranges of 2-30 MHz. These are broad-spectrum signals that will effectively make the wiring in a person's home a noise generator throughout the HF broadcast spectrum. Noise from power lines is bad enough as it is—adding this to the existing background noise could make the HF bands totally useless from a listener's standpoint.

Similar systems are being implemented in Europe, with disastrous results (See <http://www.powerline-plc.info/video>). Japan last year totally rejected BPL as a method of Internet distribution because of its disastrous effects on the HF bands.

I would urge your readers to research these sites, and write to the FCC in response to this NOI. Make the FCC aware that there are shortwave enthusiasts in the United States that are opposed to any system that would further degrade the quality of their hobby—shortwave listening.

When writing a response, an original and four copies should be sent to:

Commissioner's Secretary  
Office of the Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, SW  
Washington, DC 20554

If possible, responses should be received by the FCC by June 13, 2003. Thank you for allowing us to make this issue known to all shortwave enthusiasts.

Sincerely, Jeff White

# SWL Program Guide

John A. Figliozzi • 45 Algonquin Road • Clifton Park, NY 12065-7703 • jfiglio1@nycap.rr.com

This semi-annual listing (well, it's supposed to be semi-annual) is limited to morning and evening "prime time" broadcasts in English targeted to or regularly monitored in North America. Some frequencies listed may not be in use for the entire time period covered. A more comprehensive schedule of programs broadcast globally on shortwave is available from the WWW Shortwave Listening Guide web site at <[www.anarc.org/naswa/swlguide](http://www.anarc.org/naswa/swlguide)>. Listings for US-based independent broadcasters are limited to those programs that depart from their primary formats which are dominated by religious and political fare. Corrections welcomed.

[Abbreviations: S=Sun., M=Mon., T=Tue., W=Wed., H=Thu., F=Fri., A=Sat., D=Daily, usb=upper sideband, eNA=eastern North America, wNA=western North America.]

## Morning Prime (1000-1700 UT)

### BBCWS (Americas stream)—6195, 15190

1000 S/A News, M-F World Briefing; 1006 S From Our Own Correspondent, A Assignment; 1032 S Reporting Religion, M-F World Business Report, A The Interview; 1045 M-H Sports Roundup, F Football Extra. 1100 D World Briefing; 1105 M-F Caribbean Morning Report; 1110 M-F Sports Caribbean; 1115 M-F Caribbean Magazine; 1120 D British News; 1132 S Letter from America, M Instant Guide (background), T/W/F Analysis, H From Our Own Correspondent, A World Football; 1145 S-F Sports Roundup. 1200 D Newshour; 1205 M-F Caribbean Business; 1210 M-F Caribbean Morning Report 2nd Edition; 1215 M-F Newshour (cont'd.). 1300 D News; 1306 S The Ticket (arts performances), M-F Outlook (magazine), A Pick of the World (BBC's best); 1345 M-F Off the Shelf (book readings), A Write On (letters).

1400 D News; 1406 S Talking Point (global phone-in), M/W Documentaries, T Masterpiece (arts ideas), H Assignment, F Sports International, A Sportsworld (live action); 1432 M Music Feature, T Top of the Pops, W Charlie Gillett (world music), H Music Biz, F John Peel (eclectic). 1500 D News; 1506 S Assignment, M Health Matters, T Go Digital, W Discovery (science), H One Planet (ecology), F Science in Action, A Sportsworld (live action from 1406); 1532 S People & Politics, M Fanshawe (humor), T Music Review, W/F Westway (drama serial), H The Word (writers & writing) [exc. last H, World Book Club (discussion)]; 1545 W Heart & Soul (beliefs & values), F What's the Problem? (advice). 1600 S/A News, M-F Europe Today; 1606 S/A Sportsworld (live action).

### BBCWS (E. Asia stream)—9740 in wNA

1000 S/A News, M-F World Briefing; 1006 S From Our Own Correspondent, A Assignment; 1032 S Reporting Religion, M-F World Business Report, A The Interview; 1045 M-H Sports Roundup, F Football Extra. 1100 S World Briefing, M-F News; 1106 M-F Outlook (magazine), A The Ticket (arts performances); 1120 S British News; 1132 S Play of the Week; 1145 M-F Off the Shelf (book readings). 1200 S Play of the Week (cont'd. from 1130), M-A News; 1206 M/W Documentaries, T Masterpiece (arts ideas), H Assignment, F Sports International, A In Concert; 1232 S Reporting Religion, M The Music Feature, T Top of the Pops, W Charlie Gillett (world music), H The Music Biz, F John Peel (eclectic music). 1300 D Newshour. 1400 S/A News, M-F East Asia Today; 1405 S Talking Point (global phone-in), A Sportsworld (live action); 1430 M-F British News; 1445 M-H Sports Roundup, F Football Extra. 1500 D News; 1506 S In Concert, M Health Matters, T Go Digital, W Discovery (research), H One Planet (ecology), F Science in Action, A Sportsworld (live action); 1532 M Fanshawe

(humor), *T* Music Review, *W/F* Westway, *H* The Word (writers & writings) [exc. last *H*, World Book Club (discussion)]; 1545 *W* Heart & Soul (beliefs & values), *F* What's the Problem? (advice). [ends at 1600.]

**China R. Int.**—7405, 9570, 17720

1300 *D* News & Reports; 1310 *S* Report on Developing Countries; 1315 *A* Cutting Edge (sci/tech); 1320 *S* In the Spotlight (cultural magazine); 1330 *M* People in the Know (China's leading personalities), *T* Biz China, *W* China Horizons (China outside Beijing), *H* Voices from Other Lands, *F* Life in China, *A* Listeners' Garden.

1400-1500 (as 1300-1400.)

**NHK World R. Japan**—6120, 9505, 11705

1100 *D* News; 1110 *S* Hello from Tokyo (listener contact), *M-F* Songs for Everyone, *A* Pop Joins the World; 1115 *M-F* Asian Top News (headlines from region's radio); 1125 *M* Japan Music Treasure Box, *T* Basic Japanese for You, *W* Japan Musiccape, *H* Brush Up Your Japanese, *F* Music Beat. [off at 1159.]

1400 *D* News; 1410 *S* Pop Joins the World, *A* Weekend Japanology; 1415 *M-F* 44 Minutes (feature magazine); 1454 *A* Sights & Sounds of Japan. 1500 *D* News, 1505 *S* Hello from Tokyo (letters), *M-F* Songs for Everyone, *A* Pop Joins the World; 1515 *M-F* Asian Top News (reports from region's radio); 1525 *M* Japan Music Treasure Box, *T* Basic Japanese for You, *W* Japan Musiccape, *H* Brush Up Your Japanese, *F* Music Beat. [off at 1559.]

**R. Australia**—5995, 6020, 9580, 11650

1000 *D* News; 1005 *S* Go Zone (pop music), *M-F* Asia Pacific (regional current affairs), *A* Australian Express (magazine); 1030 *M* Health Report, *T* Law Report, *W* Religion Report, *H* Media Report, *F* The Sports Factor. 1100 *D* News; 1105 *S* Correspondents' Report, *M-A* Asia Pacific (regional current affairs); 1130 *S* The Arts on RA, *M-F* Bush Telegraph (rural life), *A* The Europeans. 1200 *D* News; 1205 *S* The Spirit of Things (spiritual matters), *M-H*

Late Night Live (discussion and interviews), *F* Sound Quality (innovative music), *A* The Music Show; 1255 *S* The Pulse (Aussie music now). 1300 *D* News; 1305 *S* The Science Show, *M-F* The Planet (diverse music from around the world), *A* The Music Show (cont'd); 1355 *S* Perspective (commentary). 1400 *D* News; 1405 *S* Books & Writing, *M-F* Margaret Throsby (interview/music), *A* New Dimensions ("progressive" ideas). 1500 *D* News; 1505 *S* Encounter (religion in Australia), *M-F* Asia Pacific (regional current affairs), *A* Nocturne (night music); 1530 *M* Health Report, *T* Law Report, *W* Religion Report, *H* Media Report, *F* The Sports Factor; 1555 *S* The Pulse (Aussie new music), *A* Business Weekend. 1600 *D* News; 1605 *S* The National Interest (Australian politics), *M-F* Bush Telegraph (rural/outback Australia), *A* Nocturne (cont'd.).

**R. Austria Int.**—15515

1530 *S* Letter from Austria, *M-F* Report from Austria (magazine), *A* Insight Central Europe; 1535 *S* Week in Review; 1550 *A* Postbox. [off at 1600.] [Note: This format ends 6/30/03 to be replaced by a new (but at press time unspecified) English service.]

**R. Canada Int.**—9515, 13655, 17800, 17820

1200 *M-F* News; 1205 *M-F* The Current (current affairs-joined in progress). 1300 *D* News; 1305 *S* The Sunday Edition, *M-F* Sounds Like Canada (Canadian magazine); *A* The House (Canadian politics). 1400 *D* News; 1405 *S* The Sunday Edition (cont'd.), *M-F* Sounds Like Canada (cont'd., including 1430 *F* C'est La Vie (life in French Canada), 1445 *T-F* Out Front (first person views of life), *A* Vinyl Cafe. 1500 *S/A* News; 1505 *S* The Sunday Edition (cont'd.), *A* Quirks & Quarks (science). [off at 1500 *M-F*, 1600 *S/A*.]

**R. Korea Int.**—9650

1130 *D* News; 1140 *S* Korean Pop Interactive (requests), *M-F* News Commentary, *A* Worldwide Friendship (letters, DX news); 1145 *M-F* Seoul Calling (magazine). 1200 *S* Korean Pop Interactive (cont'd), *M-F* Seoul Calling

(cont'd), *A Worldwide Friendship* (cont'd); 1215 *M Korea Today & Tomorrow* (peninsula issues), *T Korean Kaleidoscope* (Korean society), *W Wonderful Korea* (tourism), *H Seoul Report* (interviews). [off at 1225.]

#### **R. Netherlands—5965, 15220**

1030 *S/A News, M-F Newline*; 1035 *S Wide Angle* (week in review), *A Europe Unzipped*; 1055 *S The Week Ahead* (program previews), *A Insight* (commentary). 1100 *S Aural Tapestry* (culture), *M EuroQuest* (Europe in context), *T A Good Life* (development issues), *W Dutch Horizons, H Research File* (science), *F Documentary, A Amsterdam Forum* (conversations); 1130 *S Dutch Horizons, M Research File, T/A Music 52-15* (international music), *W Documentary, H Aural Tapestry, F A Good Life*. 1200 *S/A News, M-F Newline*; 1205 *S Sincerely Yours* (letters), *A Europe Unzipped*. [ends at 1225.]

1430 *S/A News, M-F Newline*; 1435 *S Sincerely Yours* (letters), *A Europe Unzipped*; 1455 *S The Week Ahead* (program previews), *A Insight* (commentary). 1500 *S Dutch Horizons, M Research File* (science), *T/A Music 52-15* (international music), *W Documentary, H Aural Tapestry* (culture), *F A Good Life* (development issues); 1530 *S Aural Tapestry, M EuroQuest* (Europe in context), *T A Good Life, W Dutch Horizons, H Research File, F Documentary, A Amsterdam Forum* (conversations). 1600 *S/A News, M-F Newline*; 1605 *S Sincerely Yours, A Europe Unzipped*. [ends at 1625.]

#### **R. New Zealand Int.—9885**

1000 *D News*; 1005 *S Mediawatch, M-F Late Edition* (the day's news), *A Deep Purple* (relaxing music/nostalgia); 1035 *S Sunday Supplement*. 1100 *D RNZ News*; 1105 *S/A Forces Programme* (for NZ personnel serving in PNG & E. Timor), *M-H Nine to Noon* (current affairs), *F Sports Story*; 1130 *F Top 5*. 1200 *S-F RNZ News, A Forces Programme* (cont'd.); 1205 *S Sportsworld* (recap magazine), *M-F Late Edition*. 1300 *D News*. (off at 1305.)

#### **R. for Peace Int., Costa Rica—7445, 15039, 21815usb**

1000 *S CounterSpin* (media analysis), *M A Public Affair, T-A Democracy Now!*; 1030 *S Freespeech Radio News* (repeat of Fri. newscast). 1100 *S TUC Radio, M Neumaier Report, T Between the Lines, W A Woman's Voice, H Alternative Radio, F Making Contact, A Honoring Mother Earth: Indigenous Voices*; 1115 *M Living Enrichment Center*; 1130 *S Continent of Media, T TUC Radio, F Steppin' Out of Babylon*. 1200 *S World of Radio, M Spiritual Awakening, T-A Freespeech Radio News* (Pacifica Reporters Against Censorship daily newscast); 1230 *S RFPI Mailbag, M World of Radio, T/H/A Hightower Radio* (commentary), *W Counterspin* (media analysis), *F This Way Out* (lesbian/gay magazine); 1235 *T/H/A Earthwatch* (ecology); 1240 *T/H/A Earth & Sky* (astronomy); 1245 *T Tropical Conservation Newsbureau* (rainforests), *H World Citizen's Weekly Commentary, A Women* (UN program). 1300 *S Making Contact, M RadioNation* ("The Nation" magazine), *T Disability Radio Worldwide, W World of Radio, H A Public Affair, F Far Right Radio Review, A Continent of Media*; 1330 *S Alternative Radio* (political/social analysis), *T This Way Out* (lesbian/gay magazine), *W RFPI Mailbag, A World of Radio*. 1400 *S Alternative Radio* (cont'd), *M New Dimensions* ("progressive" ideas), *T University Forum* (interviews), *W Continent of Media, H WINGS* (women's news), *F Disability Radio Worldwide, A RFPI Mailbag*; 1430 *S Far Right Radio Review, T Honoring Mother Earth: Indigenous Voices, W A World of Possibilities, H Global Community Forum* (interviews), *F A Woman's Voice, A University Forum* (interviews). 1500 *S Far Right Radio Review* (cont'd), *M Voices of Our World* (Maryknoll program), *T Honoring Mother Earth: Indigenous Voices* (cont'd), *W Living Enrichment Center, H Global Community Forum* (cont'd), *F A Woman's Voice* (cont'd), *A A World of Possibilities*; 1530 *S World Citizens Weekly Commentary, M Perspective* (UN program), *T In the Moment, W Peace Forum, H Scope* (UN program), *F Tropical Conservation Newshour* (rainforests), *A Newmaier Report*; 1545 *S/M Hightower Report* (commentary), *T-A UN Today*; 1548 *S/M Earthwatch* (ecology); 1551 *S/M Earth & Sky* (astronomy); 1555 *S/M World Opinion* (on terrorism). 1600 *S A Public Affair, M-F Democracy Now!*, *A CounterSpin* (media analysis); 1630 *A Freespeech Radio News* (repeat of Fri. newscast).

## R. Sweden—17840

1130 *S* In Touch with Stockholm (listener contact-1<sup>st</sup>)/Sounds Nordic (rock music-exc. 1<sup>st</sup>), *M-F* Sixty Degrees North (regional report), *A* Network Europe (Europe magazine-1<sup>st</sup> week)/Sweden Today (2<sup>nd</sup>)/Spectrum (arts magazine-3<sup>rd</sup>)/Studio 49 (topical discussion-4<sup>th</sup>); 1145 *M* Sports Scan, *T* Close Up (profiles of Swedes-1<sup>st</sup>/3<sup>rd</sup>), *H* Nordic Lights (1<sup>st</sup>)/Green Scan (ecology-2<sup>nd</sup>)/Heart Beat (health-3<sup>rd</sup>)/The S-Files (things Swedish-4<sup>th</sup>), *F* Review of the Newsweek. [off at 1200.]

1230-1300 (as 1130-1200)

1330-1400 (as 1130-1200)

VOA News Now—5745, 7370, 9590

1000 *D* News and Reports; 1023 *D* Sports; 1030 *D* News Headlines; 1033 *S-H* Main Street (life in the US), *F/A* On the Line (US foreign policy); 1055 *A* Government Editorial.

VOA Africa Service—15410, 15580, 17895

1600 *S/A* Nightline Africa (weekend newsmagazine), *M-F* News & Reports; 1615 *M-F* Focus (a topic in-depth); 1623 *M-F* Sports; 1630 *M-F* Africa World Tonight.

KWHR, Hawaii

9930 kHz: 1600 *A* DXing with Cumbre.

11565 kHz: 1000 *A* DXing with Cumbre.

WHRI, Indiana

9840 kHz: 1200 *A* DXing with Cumbre.

13760 kHz: 1500 *A* DXing with Cumbre.

15105 kHz: 1230 *A* DXing with Cumbre. 1430 *M-F* Music (Christian contemporary and gospel).

WRMI, Florida

9955 kHz: 1130 *W* Viva Miami (magazine).

15725 kHz: 1300 *S* Wavescan; 1330 *M-F* Stock Talk Live (to 1500). 1400 *S* Solid Rock Radio (to 2000).

## WWCR, Tennessee

5070 kHz: 1000 *A* Left Behind; 1010 *S* A View from Europe. 1100 *S* Profiles; 1105 *A* Rock the Universe (Christian rock music); 1205 *S* Rock the Universe.

12160 kHz: 1230 *T* Musical Memories. 1630 *A* Ken's Country Classics.

15825 kHz: 1015 *S* Ask WWCR (letters). 1110 *A* A View from Europe. 1300 *M-F* World Wide Country Radio; 1330 *S* The Old Record Shop (vintage recordings).

## Evening Prime (2100-0700 UT)

All India Radio—11620

2100 *D* News; 2105 *D* Commentary; 2111 *S* Regional Film Songs, *M/A* Classical Indian Vocal Music, *T* Karnatak Vocal Music, *W/H* Instrumental Music, *F* Orchestral Music; 2120 *S* Sports Roundup (1<sup>st</sup> wk)/Feature (2<sup>nd</sup>)/Film Story (3<sup>rd</sup>)/Discussion (4<sup>th</sup>), *M* Faithfully Yours (letters), *T* Cultural Talk, *W* Radio Newsreel, *H* Panorama of Progress, *F* Focus (magazine-1<sup>st</sup> wk)/Horizon (literature-2<sup>nd</sup>/4<sup>th</sup>)/Indian Music (3<sup>rd</sup>), *For* Youth (1<sup>st</sup>)/Indian Classics (books-2<sup>nd</sup>)/From the Archives (3<sup>rd</sup>)/Quiz Time (4<sup>th</sup>); 2130 *M* DXers Corner (2<sup>nd</sup>/4<sup>th</sup>), *T/W* Film Songs, *H* Classical Half-Hour, *A* Old Film Songs; 2140 *F* Film Songs; 2145 *M* Film Songs; 2150 *S* Karnatak Vocal Music. 2200 *D* News; 2210 *D* Commentary; 2215 *S* Women's World, *M/F* Radio Newsreel, *T* Of Persons, Places & Things (1<sup>st</sup>/3<sup>rd</sup> wk)/Our Guest (interview-2<sup>nd</sup>/4<sup>th</sup>), *W* Book Review (1<sup>st</sup>)/Window on Science (2<sup>nd</sup>/4<sup>th</sup>)/Times & Lives (biography-3<sup>rd</sup>), *H* General Talk, *A* Mainly for Tourists (1<sup>st</sup>/3<sup>rd</sup>)/Indian Cinema (2<sup>nd</sup>)/On the Export Front (4<sup>th</sup>); 2225 *D* Film Tune. (off at 2230.)

BBCWS (Americas stream)—5975, 9825, 12095

2100 *D* News; 2106 *S* Documentaries, *M* Health Matters, *T* Go Digital, *W* Discovery, *H* One Planet, *F* Science in Action, *A* Play of the Week; \*2115 *M-F* Caribbean Report; 2132 *M* Fanshawe (humor), *T* Music Review, *W/F* Westway (drama serial), *H* The Word (writers & writings) [exc. last *H*, World Book Club

(discussion)]; 2145 *W* Heart & Soul (beliefs & values), *F* What's the Problem? (advice). 2200 *D* The World Today; 2232 *A* The Interview. 2300 *D* News; 2306 *S* Documentaries, *M-F* Outlook (magazine), *A* Pick of the World (BBC's best); 2332 *S* Fanshawe (humor); 2345 *M-F* Off the Shelf (book readings), *A* Write On (letters). 0000 *D* News; 0006 *S* The Ticket (arts performances), *M* Everywoman, *T/H* Documentaries, *W* Masterpiece (artistic ideas), *F* Assignment, *A* Sports International; 0032 *M* Westway Omnibus, *T* Music Feature, *W* Top of the Pops, *H* Charlie Gillett (world music), *F* Music Biz, *A* John Peel (eclectic). 0100 *D* News; 0106 *S* Play of the Week, *M* Wright Around the World (musical variety), *T* Health Matters, *W* Go Digital, *H* Discovery (science), *F* One Planet (ecology), *A* Science in Action; 0132 *T* Fanshawe (humor), *W* Music Review, *H/A* Westway, *F* The Word (writing & writers) [exc. last *F*, World Book Club (discussion)]; 0145 *H* Heart & Soul (beliefs & values), *A* What's the Problem (advice). 0200 *D* The World Today; 0232 *S* Global Business, *M* World Business Review, *T-A* World Business Report; 0245 *M* Instant Guide (background), *T/W/F/A* Analysis, *H* From Our Own Correspondent. 0300 *D* News; 0306 *S* From Our Own Correspondent, *M* Talking Point, *T-A* Outlook (magazine); 0332 *People & Politics*; 0345 *T-A* Off the Shelf (book readings). 0400 *D* World Briefing; 0432 *S* World Business Review, *M-F* The World Today, *A* Reporting Religion; 0445 *S* The Instant Guide.

[\*Special service to the Caribbean on 5975, 11675, 15390 kHz.: 2105 *M-F* Caribbean Report. Special service to the Falklands on 11680 kHz.: 2130 *T/F* Calling the Falklands.] [Off at 0500.]

**China R. Int.**—9560, 9580, 9690, 9730, 9790, 13680

2300 *D* News & Reports; 2310 *A* Report on Developing Countries; 2315 *F* Cutting Edge (sci/tech); 2320 *A* In the Spotlight (cultural magazine); 2330 *S* People in the Know (China's leading personalities), *M* Biz China, *T* China Horizons (China outside Beijing), *W* Voices from Other Lands, *H* Life in China, *F* Listeners' Garden. [Off at 2355.]

0100-0155 (as 2300-2355).

0300-0355 (as 2300-2355).

0400-0455 (as 2300-2355).

**Deutsche Welle**—(to Africa) 11945, 15205

2100 *News*; 2105 *S* Hard to Beat (sport), *M-F* Newlink Africa, *A* Religion & Society; 2115 *S* Inspired Minds, *A* German by Radio; 2130 *S* Hits in Germany [or] Melody Time, *M* World Music Live, *T* Arts on the Air, *W* Living in Germany, *H* Cool (youth culture), *F* Focus on Folk, *A* Africa This Week; 2145 *W* Europe on Stage. [Ends at 2157.]

0400 *D* News; 0405 *S* Inside Europe, *M* Mailbag, *T-A* Newlink Africa; 0430 *T* Insight (international affairs), *W* World in Progress (development), *H* Money Talks, *F* Man & Environment, *A* Spectrum (sci-tech); 0445 *T* Business German. [Ends at 0459.]

**NHK World R. Japan**—6110, 6145, 13630, 17825, 17870, 21670

2100 *D* News; 2110 *S* Pop Joins the World, *M-F* Songs for Everyone, *A* Weekend Japanology; 2115 *M-F* Asian Top News (headlines from region's radio); 2125 *M* Japan Music Treasure Box, *T* Basic Japanese for You, *W* Japan Musicscape, *H* Brush Up Your Japanese, *F* Music Beat; 2154 *A* Sights & Sounds of Japan. [off at 2159.]

0000 *D* News; 0010 *S* Hello from Tokyo (listener contact), *M* Weekend Japanology, *T-A* Songs for Everyone; 0015 *T-A* 44 Minutes (magazine); 0054 *M* Sights & Sounds of Japan. [off at 0059.]

0500 *D* News; 0510 *S* Pop Joins the World, *A* Hello from Tokyo (listener contact); 0515 *M-F* 44 Minutes (magazine). 0600 *D* News; 0610 *S* Weekend Square (Japanese life), *M-F* Songs for Everyone, *A* Pop Joins the World; 0615 *M-F* Asian Top News (headlines from region's radio); 0625 *M* Japan Music Treasure Box, *T* Basic Japanese for You, *W* Japan Musicscape, *H* Brush Up Your Japanese, *F* Music Beat; 0654 *S* Sights & Sounds of Japan. [off at 0659.]

**R. Australia**—21740, 17750, 17580, 15515, 15240

**2100 D News; 2105 F Feedback** (letters, station news, on communications), *A Australia All Over* (cont'd); **2110 S-H AM** (morning news magazine); **2130 S Country Breakfast** (rural life), *M Earthbeat* (ecology), *T Innovations* (new products), *W Australia Now*, *H All in the Mind* (the brain), *F Oz Sounds* (new music releases); **2145 A Asia Sunday**. **2200 D News; 2205 F Asia Pacific** (regional current affairs), *A Correspondents' Report*; **2210 S-H AM** (morning news magazine); **2230 F AM Saturday** (morning news magazine), *A Fine Music Australia* (classical); **2240 S-H Australia Wide** (national report); **2254 A-H Perspective** (commentary). **2300 D News; 2305 F Country Breakfast** (rural life), *A All in the Mind*; **2310 S-H Asia Pacific** (regional current affairs); **2330 S Business Report**, *M*, *T Rural Reporter*, *W The Arts on RA*, *H The Buzz* (technology issues), *F Lingua Franca* (about language), *A Innovations* (new products). **0000 D News; 0005 S Go Zone** (pop music), *A Australian Express* (magazine); **0010 M AWAYE!** (Aboriginal culture), *T The Science Show*, *W The National Interest* (Australian politics), *H Background Briefing* (documentary), *F Hindsight* (Australian history). **0100 D News; 0105 S Correspondents' Report**, *A Asia Pacific* (regional current affairs); **0110 M-F Asia Pacific; 0130 S Oz Sounds** (new music releases), *M Health Report*, *T Law Report*, *W Religion Report*, *H Media Report*, *F The Sports Factor*, *A Music Deli* (international). **0200 D News; 0205 S Margaret Throsby** (interviews and music), *A Background Briefing* (documentary); **0210 M-F The World Today** (ABC Radio flagship news program); **0255 A Perspective** (comment). **0300 D News; 0305 S Feedback** (letters, station news, on communications), *A Rural Reporter*; **0310 M-F Regional Sports Report; 0320 M-F Life Matters** (social issues); **0330 S Jazz Notes**, *A Australian Country Style*; **0354 Heywire** (young rural Australians). **0400 D News; 0405 S All in the Mind** (the brain), *A Business Report*; **0410 M-F Margaret Throsby** (interviews and music); **0430 S In Conversation**, *A Aussie Music Show* (hits); **0455 Perspective** (commentary). **0500 D News; 0505 S The Europeans**, *A Ockham's Razor* (science opinion); **0510 M-F Pacific Beat** (Pacific islands magazine with regional sports

report @ 0530); **0520 A Lingua Franca** (about language) **0530 S The Ark** (religious history), *A Fine Music Australia* (classical). **0600 D News; 0605 S The Arts on RA, *A Feedback* (letters/station news/on communications); **0610 M-F Regional Sports Report; 0620 M Ockham's Razor** (science opinion), *T In Conversation*, *W Lingua Franca* (about language), *H The Ark* (religious history), *F The Makers* (artists); **0630 S Blacktracker** (contemporary Aboriginal music), *A Oz Sounds* (new releases); **0640 M Oz Music Show** (rock), *T Music Deli* (diverse world/folk), *W Blacktracker*, *H Australian Country Style*, *F Jazz Notes*.**

[Special service: **0105-0700 S/A Grandstand** (live sports action) on 9660, 12080, 17580, 21725 kHz only.]

**R. Austria Int.**—9875

**0130 S Insight Central Europe**, *M Letter from Austria*, *T-A Report from Austria* (magazine); **0135 M Week in Review; 0150 S Postbox**. [off at 0200.] [Note: This format ends 7/1/03 to be replaced by a new (but at press time unspecified) English service.]

**R. Budapest**—9590

**0100 D News; 0105 S Insight Central Europe; M Europe Unlimited** (trade) or *Heading for Hungary* (travel) or *Spotlight* (culture) or *And the Gatepost* (letters), *T-A Hungary Today* (current events magazine); **0120 A DX Corner**. [off at 0128.]

**0230-0258** (as 0100-0128.)

**R. Bulgaria**—9400, 11900

**2300 D News; 2310 A Views Behind the News**, *S Folk Studio* (Bulgarian folk music), *M-F Events and Developments* (current affairs review); **2320 M Sports; 2325 M-F Timeout for Music; 2330 F Bulgarian Plaza** (cultural magazine) or *Walks and Talks* (interesting places); **2335 M-F Keyword Bulgaria** (Bulgaria and things Bulgarian), *H Answering Your Letters*; **2345 M Magazine Economy**, *T Arts and Artists; W History Club*, *H The Way We Live*, *F Radio Bulgaria Calling* (for radio hobbyists). [off at 2355.]

**0200 D News; 0210 S Views Behind the News, M Folk Studio (Bulgarian folk music), T-A Events and Developments; 0220 T Sports; 0225 W-S Timeout for Music; 0230 T Bulgarian Plaza (cultural magazine) or Walks and Talks (interesting places); 0235 T Answering Your Letters, W-M Keyword Bulgaria (Bulgaria and things Bulgarian); 0245 S Radio Bulgaria Calling (for radio hobbyists), W Magazine Economy, H Arts and Artists, F History Club, A The Way We Live. [off at 0255.]**

**R. Canada Int.—6145, 9590, 9755, 11920, 13670, 15170, 15305, 15455, 17880**

**2200 S/A The World This Weekend, M-F The World at 6; 2230 S Inside Track (sports anthologies) M-F As It Happens (interviews with newsmakers), A Summer Comedy Special. 2300 D CBC News; 2305 A Quirks & Quarks (science), S Global Village (world music), M-F As It Happens (interviews with newsmakers)[began at 2230]; 2330 W Dispatches (world events in Canadian perspective). [off at 2359.]**

**0100 D News; 0105 S Business Sense, M Maple Leaf Mailbag (w/CIDX report bimonthly); 0110 T-A Canada Today (current events magazine); 0135 S/A Sci-Tech File, M/H Spotlight (arts & culture), T Media Zone (journalists discuss), W Maple Leaf Mailbag (w/CIDX report bimonthly), F Business Sense. [off at 0159.]**

**R. Habana Cuba—6000, 9550, 9820usb, 9830, 11705usb**

**0100 D International News; 0110 M Weekly Review, T-S National News; 0115 T-S Viewpoint; 0130 M Reports & Music, T-S News Bulletin; 0135 T-A Time Out (sports); 0140 S/W DXers Unlimited, M Mailbag Show, T/H/F Caribbean Outlook, A Weekly Review; 0150 M Breakthrough (science report). 0200 D International News; 0210 M From Habana (Cuban musicians), T-S National News; 0215 T-S Reports and music; 0230 M The Jazz Place or Top Tens, T-S News Bulletin; 0235 S World of Stamps, T-A Reports and music; 0250 S Cuban music.**

**0300-0500 (as 0100-0300.)**

**0500-0700 (as 0100-0300.)**

**R. Korea Int.—9560**

**0200 D News; 0210 S Worldwide Friendship (letters, DX news), M Korean Pop Interactive (requests), T-A News Commentary; 0215 T-A Seoul Calling (magazine); 0230 T Korea Today & Tomorrow (peninsular relations), W Korean Kaleidoscope (society), H Wonderful Korea (travelogue), F Seoul Report. [off at 0255.]**

**R. Netherlands—6165, 9590, 9845**

**2330 S/A News; M-F Newline; 2335 S Sincerely Yours (letters), A Europe Unzipped; 2355 S The Week Ahead (program previews), A Insight (commentary). 0000 S/W Music 52-15 (international music), M Dutch Horizons, T Research File (science), H Documentary, F Aural Tapestry (culture), A A Good Life (development issues); 0030 S Amsterdam Forum (conversations), M Aural Tapestry, T EuroQuest (Europe in context), W A Good Life, H Dutch Horizons, F Research File, A Documentary. 0100 S/M News, T-A Newline; 0105 S Europe Unzipped, M Wide Angle (one issue focus). [off at 0125.]**

**0430 S/M News; T-A Newline; 0435 S Europe Unzipped, M Sincerely Yours (letters); 0455 S Insight (commentary), M The Week Ahead (program previews). 0500 S Amsterdam Forum (conversations), M Dutch Horizons, T Research File (science), W Music 52-15 (international music), H Documentary, F Aural Tapestry (culture), A A Good Life (development issues). [off at 0525.]**

**R. New Zealand Int.—17675, 11820**

**2300 (fade in wNA) S-H World and Pacific News, F/A RNZ News; 2310 S-H Sports News, F Saturday with Kim Hill, A Feature or series; 2315 S-H Pacific Weather; 2317 S-H Nine to Noon (topical magazine). 0000 S/A News; M-F Midday Report; 0012 S This Week in Parliament, A Focus on Politics; 0033 S Spectrum (life in NZ), A The Sampler (latest CDs). 0100 (fade in eNA) D RNZ News; 0106 S At the Movies, M-F Cadenza (light classics), A Digital Life; 0130 S Bookmarks, A Saturday Comedy Zone. 0200 D RNZ News; 0205 S Feature, M-F In Touch with New Zealand (music, interviews, variety), A Eureka! (science)\*; 0230 A Health Matters [or] Environment Matters. 0300 S/A\***

RNZ News, *M-F Pacific Regional News*; **0305 S** Feature, *A Home Grown* (NZ music)\*; **0310 M** Tagata o te Moana (Pacific magazine), *T Top 5*, *W Pacific Report*, *H Mailbox* (letters & DX news) or *RNZI Talk* (station info), *F Dateline Pacific*; **0330 T** New Releases, *W Tradewinds* (Pacific commerce), *H The World in Sport*, *F Pacific Correspondent*, *A Musical Chairs* (artist spotlight). **0400 D** RNZ News\*; **0405 S** Sunday Drama\* (radio plays), *M-F In Touch with New Zealand* (cont'd), *A Home Grown* (cont'd from 0305). **0500 S/A** RNZ News, *M-F Checkpoint* (major domestic evening news magazine); **0510 S** Religion feature or series, *A Tagata O Te Moana* (Pacific magazine); **0540 S** Jazz Spotlight. **0600 D** RNZ News; **0607 S** Whenua (Maori magazine), *M-F What's Going On?* (arts & entertainment), *A The Mix* ('live' music acts); **0630 M-F** Worldwatch (international news) **0645 M-F** Pacific News. [\*may be preempted for live sport].

**R. for Peace Int., Costa Rica—7455, 15039**

**2100 S** Voices of Our World (Maryknoll program), *M Honoring Mother Earth: Indigenous Voices* (cont'd), *T Living Enrichment Center*, *W Global Community Forum* (cont'd), *H A Woman's Voice* (cont'd), *F A World of Possibilities*, *A Far Right Radio Review* (cont'd); **2130 S** Perspective (UN program), *M In the Moment*, *T Peace Forum*, *W Scope* (UN program), *H Tropical Conservation Newshour* (rainforests), *F Newmaier Report*, *A World Citizens Weekly Commentary*; **2145 S/A** Hightower Report (commentary), *M-F UN Today*; **2148 S/A** Earthwatch (ecology); **2151 S/A** Earth & Sky (astronomy); **2155 S/A** World Opinion (on terrorism). **2200 S/A** Public Affair, *M-F Democracy Now!*, *A CounterSpin* (media analysis); **2230 A** Freespeech Radio News (repeat of Fri. newscast). **2300 S** Neumaier Report, *M Between the Lines*, *T A Woman's Voice*, *W Alternative Radio*, *H Making Contact*, *F Honoring Mother Earth: Indigenous Voices*, *A TUC Radio*; **2315 S** Living Enrichment Center; **2330 M** TUC Radio, *H Steppin' Out of Babylon*, *A Continent of Media*. **0000-0400** (as 1200-1600 in Morning Prime.) **0400-0700** (as 1000-1300 in Morning Prime.)

**R. Prague—6200, 7345, 7385, 9440, 9870, 11600, 13580**

**2230 D** News; **2235 S** Letter from Prague, *M-F Newsview*, *A Insight Central Europe*; **2240 S** Mailbox, *M One on One* (interview), *T Witness* (oral history), *W ABC of Czech* (language), *H Economic Report*, *F The Arts*; **2250 S** Readings from Czech Literature, *T Talking Point* (Czech issues), *W Czechs in History or Spotlight* (travelogue), *F Away from Politics* (poetry). [off at 2258.]

**0000 D** News; **0005 S** Magazine (local color), *M Letter from Prague*, *T-A Newsview*; **0010 S** Saturday Music (a mix), *M Mailbox*, *T One on One* (interview), *W Witness* (oral history), *H ABC of Czech* (language), *F Economic Report*, *A The Arts*; **0020 M** Readings from Czech Literature, *W Talking Point* (Czech issues), *H Czechs in History or Spotlight* (travelogue), *A Away from Politics* (poetry). [off at 0028.]

**0100-0128** (as 0000-0028.)

**0300-0328** (as 0000-0028.)

**R. Romania Int.—9510, 9550, 11830, 11940**

**2300 D** Radio Newsreel; **2310 S** Focus, *M-F Commentary*, *A The Week*; **2315 S** Sunday Studio, *M Pro Memoria* (history), *T Business Club*, *W Society Today*, *H Cards on the Table* (debate) or *The Romanian Next to You* (interview), *F Challenge for the Future* or *Terra 2001*, *A World of Culture*; **2320 M** Political Flash, *T European Horizons*, *A RRI Encyclopedia*; **2325 S** Romanian by Radio, *M/W/F Business Update*, *T Tourist News*, *H Listeners' Letterbox*, *A Roots* (culture/traditions); **2330 S** Romanian Itineraries, *M Pulse of Transition*, *T Mother Nature* (ecology), *W Visit Romania*, *F Practical Guide*, *A Radio Pictures*; **2335 S** Listeners' Letterbox, *M Performing Arts*, *T Youth Club*, *W Partners in a Changing World*, *F Cultural Survey*, *A Romanian Itineraries*; **2340 M** Pages of Romanian Literature, *T/H Skylark* (folk music), *W Stage and Screen*, *F Spectator* (voice of the people), *A Bucharest Along the Centuries*; **2345 M** Romanian Hits, *W Romanian Musicians*, *F Romanian Folk Music At Its Best*, *A DX Mailbag*; **2350 S** Romanian Folk Music At Its Best, *M Sports Roundup*, *T Athlete of the Week*, *W Sports Club*, *H Football Flash*, *F Sports Weekend*. [off at 2355.]

**0200 D** Radio Newsreel; **0210 S** The Week, *M* Focus, *T-A* Commentary; **0215 S** World of Culture, *M* Sunday Studio, *T* Pro Memoria (history), *W* Business Club, *H* Society Today, *F* Cards on the Table (debate) or The Romanian Next to You (interview), *A* Challenge for the Future or Terra 2001; **0220 S** RRI Encyclopedia, *T* Political Flash, *W* European Horizons; **0225 S** Roots (culture/traditions), *M* Romanian by Radio, *T/H/A* Business Update, *W* Tourist News, *F* Listeners' Letterbox; **0230 S** Radio Pictures, *M* Romanian Itineraries, *T* Pulse of Transition, *W* Mother Nature (ecology), *H* Visit Romania, *A* Practical Guide; **0235 S** Romanian Itineraries, *M* Listeners' Letterbox, *T* Performing Arts, *W* Youth Club, *H* Partners in a Changing World, *A* Cultural Survey; **0240 S** Bucharest Along the Centuries, *T* Pages of Romanian Literature, *W/F* Skylark (folk music), *H* Stage and Screen, *A* Spectator (voice of the people); **0245 S** DX Mailbag, *T* Romanian Hits, *H* Romanian Musicians, *A* Romanian Folk Music At Its Best; **0250 M** Romanian Folk Music At Its Best, *T* Sports Roundup, *W* Athlete of the Week, *H* Sports Club, *F* Football Flash, *A* Sports Weekend. [off at 0255.]

**0400-0455** (as 0200-0255.)

**R. Slovakia Int.—5930, 7230, 9440**

**0100 D** News; **0105 S** Front Page Review (Slovak press), *M* Weekly Newsreel *T-A* Topical Issue; **0110 S** Various features, *M* Listeners' Tribune (letters, magazine, Slovak music), *T* Insight Central Europe, *W* Tourism News or Environmental Update, *H* Business News, *F* Culture News or Back Page News (the offbeat), *A* Education, Science and Regional News. [off at 0130.]

**R. Sweden—9495**

**0130 S** Network Europe (Europe magazine-1<sup>st</sup> week)/Sweden Today (2<sup>nd</sup>)/Spectrum (arts magazine-3<sup>rd</sup>)/Studio 49 (topical discussion-4<sup>th</sup>), *M* In Touch with Stockholm (listener contact-1<sup>st</sup>)/Sounds Nordic (rock music-exc. 1<sup>st</sup>), *T-A* Sixty Degrees North (regional report); **0145 T** Sports Scan, *W* Close Up (profiles of Swedes-1<sup>st</sup>/3<sup>rd</sup>), *F* Nordic Lights (1<sup>st</sup>)/Green Scan (ecology-2<sup>nd</sup>)/Heart Beat (health-3<sup>rd</sup>)/The S-Files (things Swedish-4<sup>th</sup>), *A* Review of the Newsweek. [off at 0300.]

**0230-0300** (as 0130-0200)

**R. Taipei Int.—5950, 9680**

**0200 D** News; **0215 S** Great Wall Forum (discussing the mainland), *M* Jade Bells & Bamboo Pipes (traditional music), *T* Culture Express, *W* Taiwan Today, *H* Discover Taiwan, *F* Taipei Magazine, *A* Groove Zone; **0230 S** Mailbag Time, *T* Trends, *W* Confucius and Inspiration Beyond, *H* New Music Lounge, *F* People; **0245 M-F** Let's Learn Chinese (*M/W/F* elementary, *T/H* intermediate), *A* Kaleidoscope (life in Taiwan). **0300 D** News; **0315 S** Great Wall Forum (discussing the mainland), *M* Taiwan Economic Journal, *T* Jade Bells & Bamboo Pipes (traditional music), *W* New Music Lounge, *H* Taipei Magazine, *F* Taiwan Gourmet, *A* Kaleidoscope (life in Taiwan); **0330 S** Asia Pacific (from Radio Australia), *M* People, *W* Confucius & Inspiration Beyond, *H* Life Unusual, *F* Discover Taiwan, *A* Mailbag Time; **0345 M-F** Let's Learn Chinese (*M/W/F* elementary, *T/H* intermediate).

[0200-0300 schedule also airs **0700-0800** for **wNA**.]

**RTE, Ireland—6155**

**0130 S** Saturday View, *M* This Week with Gerald Barry, *T-A* 5-7 Live (top news of the day).

**R. Ukraine Int.—12040**

**0000 D** News; **0010 S** Ukrainian Diary (weekly review), *M* Music from Ukraine, *T-A* Ukraine Today (magazine); **0015 S** The Whole World on the Radio Dial (DX program); **0030 S** Hello From Kiev (listener letters/music), *M* Roots (culture & education); **0045 T-A** Closeup (current issues). [off at 0055.]

**0300-0355** (as 0000-0055)

**RvI, Belgium—15565**

**2230 S** Radio World, *M-F* News, *A* Music from Flanders; **2234 M-F** Flanders Today (incl. press review); **2238 S** Tourism in Flanders; **2243 M** Focus on Europe, *T* Green Society (ecology), *W/F* Around the Arts, *H* Economics; **2244 S** Brussels 1043 (letters); **2248 M** Sports,

*W* Around Town, *H* International Report, *F* Tourism in Flanders; **2254** *S-F* Soundbox (Flemish music). [off at 2300.]

**0300** *S* Music from Flanders, *M* Radio World, *T-A* News; **0304** *T-A* Flanders Today (incl. press review); **0308** *M* Tourism in Flanders, **0313** *T* Focus on Europe, *W* Green Society (ecology), *H/A* Around the Arts, *F* Economics; **0314** *M* Brussels 1043 (letters); **0318** *T* Sports, *H* Around Town, *F* International Report, *A* Tourism in Flanders; **0324** *M-A* Soundbox (Flemish music). [ends at 0330.]

#### Spanish Foreign R.—15385

**0000** *S* Visitors Book (travelers to Spain), *M* Window on Spain (culture), *T-A* News (international, Spain, Latin America); **0015** *S/M* Spanish history or culture series; **0025** *S/M* Rebroadcast of 0035 weekday programs, *T-A* Spanish pop music; **0030** *T-A* Press Review; **0035** *S/T* Radio Waves, *W* Chronicles (Spain & the US), *H* Entremeses (food & travel), *F* Africa Today, *A* Radio Club (letters); **0045** *T-A* *A* Language Without Bounds (Spanish lesson). [off at 0055.]

#### Swiss R. Int.—9885, 11905

**2330** *S/A* Swiss Scene, *M-F* Newsnet; **2335** *A* Take 2; **2340** *S* Culture Zone (the arts-1<sup>st</sup>/3<sup>rd</sup> wk) or Out and About (Swiss places-2<sup>nd</sup>/4<sup>th</sup> wk), *A* Sounds Good (Swiss music-3<sup>rd</sup>/5<sup>th</sup> wk); **2345** *F* Business Spotlight.

**VOA Africa Service**—11975, 13670, 15410, 15580, 17895

**2100** *D* News; **2106** *S/A* Jazz America, *M* American Gold, *T* Roots and Branches, *W* Classic Rock, *H* Top 20, *F* Country Hits.

**VOA News Now**—5995, 6130, 7405, 9455, 9775, 11695, 13790

**0000** *T-A* News and Reports; **0015** *T-A* Focus (a topic in-depth); **0023** *T-A* Sports; **0030** *T-A* News Headlines; **0033** *T-A* Coast to Coast (American life); **0055** Government Editorial. **0100** *T-A* News and Reports; **0123** *T-A* Sports; **0130** *T-A* News Headlines; **0133** *T-F* Business Report, *A* VOA News Review; **0145** *T-F* Dateline

(news magazine); **0155** *T-F* Government Editorial. [off at 0200.]

#### VOA Special English—7405, 9775, 13790

**0130** *T-A* News; **0140** *T* Agriculture Today, *W/H* Science Report, *F* Environment Report, *A* In the News; **0145** *T* Science in the News, *W* Explorations, *H* Making of a Nation, *F* American Mosaic; *A* American Stories. [off at 0200.]

**Voice of Russia**—7180, 9665, 9725, 11720, 11750, 11825, 12000, 15455, 17565, 17595, 17650, 17660

**0100** *D* News; **0111** *S* News & Views, *M* Sunday Panorama, *T-A* Commonwealth Update; **0124** *M* Russia: People & Events; **0130** *D* News in Brief; **0132** *S* Moscow Yesterday & Today, *M* Timelines, *T* Folk Box, *W* Jazz Show, *H* Musical Portraits, *F* Music Around Us, *A* Christian Message from Moscow; **0146** *F* Music At Your Request; **0154** *H* Russia: People & Events. **0200** *D* News; **0211** *S/M/H* Moscow Mailbag, *T/F* Science & Engineering, *W/A* Newmarket (business); **0230** *D* News in Brief; **0232** *S* Songs from Russia, *M* This is Russia, *T* Kaleidoscope (Russian events), *W* Musical Portraits, *H* Moscow Yesterday & Today, *F* Russian by Radio, *A* Audio Book Club (Russian lit.); **0246** *S* You Write to Moscow; **0254** *W* Russia: People & Events. **0300** *D* News; **0311** *M* Sunday Panorama, *T-S* News & Views; **0324** *M* Russia: People & Events; **0330** *D* News in Brief; **0332** *S* Kaleidoscope (Russian events), *M* Audio Book Club (Russian lit.), *T/H/A* 20th Century, *W/F* Russian history/culture. **0400** *D* News; **0411** *S/M* Musical Portraits, *T/F* Moscow Mailbag, *W/A* Science and Engineering, *H* Newmarket (business); **0430** *D* News in Brief; **0432** *S/A* Timelines, *M* Jazz Show, *T* Music Around Us, *W* Moscow Yesterday and Today, *H* Folk Box, *F* Audio Book Club (Russian lit.); **0447** *T* Music At Your Request. (off at 0500.)

**Voice of Turkey**—7270, 9650, 9830, 11655, 11960

**2200** *D* News; **2210** *D* Press Review; **2215** *S* Tunes Spanning Centuries, *M* Last Week, *T* Live From Turkey, *W* Review of the Foreign Media, *H* Big Powers & the Armenian Problem, *F* Archaeological Settlements in Turkey, *A*

Outlook; 2220 *M* Hues & Colors of Anatolia, *W* Letterbox, *A* The Stream of Love or DX Corner; 2225 *S/F* Music, *H* In the Wake of a Contest; 2230 *M/A* Music; 2235 *S* Turks in the Mirror of Centuries, *M* From Past to Present, *W* Turkey's Off the Beaten Track Sites, *H* The Culture Parade, *F* The Travel Itinerary of Anatolia, *A* Turkish Arts. (off at 2250.)

0300 *D* News; 0310 *D* Press Review; 0315 *S* Outlook, *M* Tunes Spanning Centuries, *T* Last Week, *W* Live From Turkey, *H* Review of the Foreign Media, *F* Big Powers & the Armenian Problem, *A* Archaeological Settlements in Turkey; 0320 *S* The Stream of Love or DX Corner, *T* Hues & Colors of Anatolia, *H* Letterbox; 2225 *M/A* Music, *F* In the Wake of a Contest; 0330 *S/T* Music; 0335 *S* Turkish Arts, *M* Turks in the Mirror of Centuries, *T* From Past to Present, *H* Turkey's Off the Beaten Track Sites, *F* The Culture Parade, *A* The Travel Itinerary of Anatolia. (off at 0350.)

#### Voice of Vietnam—6175

0100 *D* News; 0105 *D* Current Affairs; 0110 *Su* Weekly Review, *M* Sunday Show, *T/W/F/A* Press Review, *H* Talk of the Week; 0115 *T* Vietnam: Land & People, *W* Culture & Society, *H* Letterbox, *F* Vietnam Economy, *A* Rural Vietnam; 0120 *S* Music, *A* Literature and Arts.

0230-0300 (as 0100-0130.)

0330-0400 (as 0100-0130.)

#### KWHR, Hawaii

17510 kHz: 0300 *M* DXing with Cumbre.

17780 kHz: 0600 *A* DXing with Cumbre.

#### WBCQ, Maine—7415

2100 *S* Radio Free Euphoria, *M* Jean Shepherd, *F* Pan Global Wireless, *A* HarvZower; 2130 *F* Pab Sungenis Project. 2200 *W* World of Radio, *A* Radio Timtron Worldwide; 2230 *W* Goddess Irina I Music Show, *H* Uncle Ed's Musical Memories, *F* WDCD. 2300 *S* Le Show (humor/entertainment), *W* Off the Hook (public telecom issues), *H* Uncle Ed's Musical Memories, *F* Lost Discs Radio Show, *A* The Real

Amateur Radio Show; 2330 *W* World of Radio, *H* Steppin' Out of Babylon, *A* Fred Flintstone Music Show. 0000 *S* Different Kind of Oldies Show, *M* Radio New York International (to 0400), *W* Good Morning Maine, *A* Allan Weiner Worldwide. 0100 *S* Marion's Attic (vintage recordings), *A* Tasha Takes Control. 0200 *S* Pocket Calculator. 0300 *S* You Are What You Think. 0400 *S* Tom & Darryl (electronic media), *M-A* Amos 'n Andy. 0500 *S* Juliet's Wild Kingdom.

#### WHRA, Maine

7580 kHz: 0230 *S* DXing with Cumbre. 0430 *A* DXing with Cumbre.

17650 kHz: 2100 *F* DXing with Cumbre; 2130 *A* DXing with Cumbre.

#### WHRI, Indiana

5745 kHz: 2100 *S* DXing with Cumbre. 0500 *A* DXing with Cumbre.

7315 kHz: 0330 *M* DXing with Cumbre. 0500 *A* DXing with Cumbre.

9495 kHz: 2230 *A* DXing with Cumbre.

#### WRMI, Florida

7385 kHz: 0330 *S* Wavescan, *A* Viva Miami (magazine). 0400 *M* Jupiter 400 (talk & music variety), *A* Solid Rock Radio (to 0900).

15725 kHz: 2200 *S* Viva Miami (magazine). 2230 *A* Wavescan.

#### WWCR, Tennessee

3210 kHz: 0305 *A* Golden Age of Radio Theatre. 0500 *M* World of Radio; 0505 *A* Rock the Universe (Christian rock music).

5070 kHz: 2305 *W* Bible's Greatest Heroes. 0230 *S* World of Radio. 0300 *S* Spectrum (communications discussion). 0400 *S* Cyber Line (computers). 0500 *S* World Wide Country Radio (music), *T* Ask WWCR (letters); 0505 *M* View from Europe.

9475 kHz: 2345 *A* Ask WWCR.



# Shortwave Center

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## Domestic Broadcasting Survey

5<sup>th</sup> Edition 2003

Edited by Anker Petersen

ISSN 1399-8218

Reviewed by Richard A. D'Angelo

The latest Domestic Broadcasting Survey 5 (DBS-5), edited by world-renowned DXer Anker Petersen, is hot off the presses. Published in May by the Danish Shortwave Club International (DSWCI), the DBS continues to be the top annual publication devoted to tropical and domestic band shortwave broadcasting stations. The DSWCI only offers the DBS in electronic form (PDF-format), which provides for a substantial reduction in price over the old paper version thereby increasing its value and speed of delivery.

A copy of the Press Release can be found on the DSWCI website at <[www.dswci.org](http://www.dswci.org)>. By clicking on the Domestic Band Survey, you will see the color front page (a marimba player in Guatemala) and sample listings along with reviews from last year's edition.

With 46 years of experience and a worldwide membership of experienced DXers scattered in about 35 different countries worldwide, the DBS-5 draws upon the knowledge and skills of the DSWCI's international array of top-flight DXers to produce a unique and extremely valuable hobby resource. Over the years, the DSWCI has published some of the best non-commercial hobby references available to the shortwave listener. The electronic DBS-5 continues this grand tradition.

This is the fifth year that the DSWCI has incorporated its invaluable tropical band

survey into a broader survey that includes all domestic shortwave broadcasting. The old Tropical Band Survey portion of this publication, which has been tops in the field of shortwave broadcast lists for many years, is in its 31<sup>st</sup> year. Because most of its members devote most of their DXing time to domestic broadcasting stations on the tropical and international shortwave bands, a few years ago the DSWCI decided to expand the traditional tropical band survey to include stations broadcasting to a domestic audience. Consequently, the DSWCI now publishes a superb, comprehensive reference of domestic shortwave broadcasting. The DBS-5 covers all active stations broadcasting to a domestic audience or relaying domestic broadcasts to expatriates between the frequencies of 2,200 kHz to 30,000 kHz. International broadcasts in the 2,300 to 5,760 kHz range are included to reduce confusion in identifying domestic broadcasters. The club continues to include active clandestine broadcasting stations with schedules and identifications in the survey enhancing the value of the DBS-5 to the serious shortwave monitor. Included are many new stations, for example, the recently reactivated Radio Bahrain, AFRTS Keflavik, Information Radio at Iraq, La Nueva Radio Superior in Peru and World Music Radio from Denmark.

A valuable, unique feature of the DBS-5 is the right hand column called Last Log. This column shows the last month and year prior to the April 30<sup>th</sup> deadline when a DXer somewhere in the world reported a particular station. This gives the listener a reasonable indication of the audibility of the shortwave broadcasting station. As part of the updating process, most frequencies that have not been heard in the last year

have been deleted from the list and moved to a new section at the end of the survey for stations deleted from DBS-2, DBS-3 and DBS-4. This updating procedure makes the DBS current and very user friendly. My own personal monitoring and checking confirms that the 2003 edition of the Domestic Broadcasting Survey is very accurate. Consequently, it makes an extremely valuable addition to the references and published resources hobbyists maintain in pursuit of elusive DX station catches.

The DBS-5 is based upon many official sources and hobby DX club bulletins. To assure reliability, each of the 1,725 station frequencies has been confirmed on the air by the club's extensive collection of worldwide monitoring experts since the last publication through the April 30<sup>th</sup> closing date. Stations confirmed as being active are marked with an "A" (regular), or "B" (irregular), or "C" (sporadic) in the list. A "D" means the stations is likely inactive. This simple coding system provides valuable information when tuning the bands while trying to get a handle on rare, exotic DX catches. DSWCI members also receive periodic updates issued in the *Shortwave News* bulletin published by the club and through its electronic *DX Window*. This extra service keeps the domestic band survey accurate and up-to-date. Details about becoming a DSWCI member are available at the club website. An electronic, PDF-format, membership option substantially reduces the cost of being a member.

The Domestic Broadcasting Survey is a high quality shortwave broadcast resource available for only a fraction of the cost of other more expensive publications such as the Tropical Band List published in Germany. The combination of high quality and low price make the DBS unbeatable in today's global resource reference marketplace.

The DBS-5 is very easy to use. The first column provides the reception code, A, B, or C as previously described. The second column lists the frequency. The third column provides the station transmitter output. The fourth column designates the broadcasting country utilizing the International

Telecommunications Union (ITU) country code abbreviations. For those not familiar with these abbreviations, a complete list of ITU country codes is given on page 3 of the DBS. The fifth column provides the station name and/or call letters and location. The next column provides transmission times and other useful information about the station such as operating schedules during Ramadan for Middle East and Indonesian stations. Other useful features for easy station identification are the parallel frequencies and station ID text. The final column is the Last Log feature previously described. Also, the survey includes a listing of Indonesian provinces and special districts, which is extremely useful for DXers with an interest in that part of shortwave broadcasting world. See the sample extracts from the DBS at the end of this review.

The 48-page Domestic Broadcasting Survey is available only in electronic form in pdf-format. The electronic DBS-5 is available via e-mail for only US\$5.00, EUR 5, or 7 International Reply Coupons. The DBS-5 can be ordered direct from the club treasurer at the following address:

DSWCI  
c/o Bent Nielsen  
Egekrogen 14  
DK-3500 Vaerloese  
Denmark

The 2003 edition of the Domestic Broadcasting Survey is a very useful and reliable DXing resource that should be in the shack of every active shortwave monitor. I use the DBS on a daily basis while tuning the bands. I can't imagine DXing without this at my side. While some enjoy operating a computer while tuning the bands, I print out a hardcopy to use thereby eliminating another electronic device from the listening equation. I literally wear out my Domestic Broadcasting Survey during French Creek DXpeditions! The PDF-format DBS is incredibly inexpensive and extremely useful. At only US\$5.00, the electronic Domestic Broadcasting Survey has to be the "best buy" of any hobby resource on the market today. I can highly recommend ordering a copy.

## Samples from Domestic Broadcasting Survey 5:

Code	kHz	kw	ITU	Station, Schedule (UTC), remarks, Last Log
B	4765	100	COG	R Congo, Brazzaville 0430-0700 1700-1830v F/Vn. F ID: "Radio Télévision Nationale Congolaise, Brazzaville." Off Aug 2001-Jan 2003, then sporadic tests // 9610 and sporadic, ordinary broadcasts. r - 2315. Ck 5985 APR03
C	4770	5	EQA	R Centinela del Sur, Loja, Loja 1100v-1400 1645-1800 2300-0330v S, ID: "C-D-S" or "CDS Internacional" OCT02
A	4770	50	NIG	R Nigeria, Kaduna Kaduna 2: 0430-2300 E/Hausa/Fulfulde/Kanuri/Nupe, N on the hour with E at 0500 1100 1600 1700, at 1900 Fulfulde and Kanuri. ID: "NBC" APR03
B	4775	1	B	R Congonhas, Congonhas, MG [ Oct-Feb] 0830-0100v P. Usually with Evangelical px JAN03
B	4775	50	IND	AIR Imphal Northeastern Sce: 0030-0215 1030-1700/1730 E/Hindi, E nx 0035 1225(local) 1530, ID:"Akashvani Imphal", (= 7150). Off Mar-Oct 02 FEB03
A	4775	0,5	PRU	R Tarma, Tarma, Junín W 1000-1400 2000-0400, Su 1100-1400 2000-0400 P, d 4774.9 - 4775.3 APR03
B	4775	50	SWZ	TWR, Mpangela Ranch International broadcasts: 0340-0500 MAR03
<hr/>				
C	6290	1	DNK	World Music R, Ilskov, Jutland E to Europe, r evenings since 27 Apr 2003, ck 15810 APR03
B	6290	10	I	IRRS, Trezzo Dadda, Milano 0200-0300 2100-2200 E/F/S/Italian px from several producers, ex 6280 FEB03
C	6324,4	-	PRU	R Dif. Comercial, Nueva Cajamarca, Rioja, San Martín 1030-2300 S, ID: "La Voz del Destino", r 0130, n 6325 JAN03
B	6348	50	XXX	R Echo of Hope, Kimp'o, KOR 1100-1800 Korean // 3985 (ID), ex 6003 APR03
A	6350	10	ETH	Voice of the Tigray Revolution, Mek'elélé, Tigray MF 0400-0500, SS 0400-0900, MF 0930-1030, SS 1100-1630, MF 1500-1900 Tigrinya // 5500 MAR03
<hr/>				
B	6895,40,25	PRU	La Nueva R Superior, San Miguel El Faique, Pampa 2000-0100v S, sl.: "Radio R.S.," "R. La Superior," "La Super Alegre Radio"; ex R San Miguel APR03	
B	6900	5	TUR	Turkish State Meteorological Service, Ankara 0500-0950 1200-1645 Turkish MAR03

A 6937 50 CHN Yunnan PBS 2, Kunming, Yunnan Minorities Sce: 2245-0300  
0630-0835 1100-1500 C/Lahu/Jingpo/Lisu/Dehong Dai, Xish-  
uangbanna Dai. C ID: "Yunnan renmin kwangpo dientai", d  
- 6936,6 MAR03

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B 9715 10 USA Information R, via USAF to Iraq 1500-2000 A // 693 & 756 MW  
4500(ID's) 11292 & 100.4 FM EC-130E Command Solo flying over  
Southern Iraq from Doha, Qatar APR03

B 9715 - XXX Information R, via Coalition to Iraq 2000-1500 A // 693 & 756  
MW 4500(ID's) 11292 & 100.4 FM Naval vessels in the Persian  
Gulf APR03

B 9720 100 RUS CRR-1, Kurovskaya, Moscow R Rossii: 0630-1500 Ru // 7440 12065  
13705 15355 17600 APR03

A 9720 500 TUN ERTT, Sfax National Network: 0200-0500v 1700-2100 A // 7190(ID)  
7225 12005 MAR03

B 9720,4 5 PRU R Victoria, Lima 24 h S/P, sl: "La Voz de la Liberación" // 6020,3;  
n 9720, d - 9720,6 APR03

C 9725 7,5 B R Clube Paranaense, Curitiba, Parana [Oct-Feb] 0800-2200  
(Su 2300) P NOV02

B 9730 50 BRM R Myanmar, Yangon, Yegu (SS 0245-)0330-0700 Bamar, 0700-  
0830 E, (= 5985 7185), d 9729,7 - 9730,8 NOV02

B 9730 150 CHN China National R 2, Xi'an, Shaanxi 1400-1600 (Apr-Oct 1100-  
1300 0400-1600) C // 3985(ID) 4850 7335 APR03

A 9730 150 CHN China National R 8, Xi'an, Shaanxi MS: 1300-1357 Tibetan // 9755  
11685, ck APR03

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A 13800 200 XXX R International, via Kvitsøy, Norway Apr-Oct: W 1730-1815 Farsi,  
ck 7490 (ID etc) APR03

A 13830 10 HRV Hrvatski R, Deanovec HS 1: (Apr-Oct 0500-)1000-2400 Croatian  
// 6165(ID) 9830 to Europe, (= 7365) APR03

C 13840 8,5 I IRRS, Trezzo Dadda, Milano MF 0630-0730, SS 0900-1400 E/  
Italian/G, ex 3985 7120 DEC02

C 13855 40 ISL AFRTS Keflavik, Grindavik 24 h E (USB), ID: "This is American  
Forces Network", NPR nx APR03

B 13855 100 XXX Salama R, via Jülich, Germany 1830-1915 Hausa, 1915-2000 E.  
Broker: DTK JAN03

# DX Target: Galei Zahal

## The Broadcasting Station of the Israeli Defense Forces

By Richard A. D'Angelo

One way or another, Israel seems to be always in the international news. Located in an intensely fanatical part of the world, Israel is in a daily struggle for survival with its Middle Eastern neighbors. The Israeli Defense Forces plays a major role in the country's survival. Galei Zahal is the broadcasting station of the Israel Defense Forces (IDF). It has a major role to play in the Middle East drama of day-to-day living.

This DX Target takes a look at an interesting shortwave broadcaster, Galei Zahal the broadcasting station of the Israeli Defense Forces, which can be heard from this distraught part of the world.

### The Country

Israel is a small, narrow, semi-arid country located in the Middle East, along the eastern coastline of the Mediterranean Sea, bordered by Lebanon, Syria, Jordan and Egypt. It lies at the junction of three continents: Europe, Asia and Africa. Long and narrow in shape, the country is about 290 miles (470 km.) in length and 85 miles (135 km.) in width at its widest point. It entered history some 35 centuries ago when the Jewish people forsook their nomadic way of life, settled in the Land and became a nation. Over the years, the Land was known by many names - *Eretz Israel* (Land of Israel); Zion, one of Jerusalem's hills which came to signify both the city and the Land of Israel as a whole; Palestine, derived from Philistia, and first used by the Romans; the Promised Land; and the Holy Land, to mention but a few.



Israel is a country of immigrants with a parliamentary democracy form of government. Since its inception in 1948, Israel's population has grown five-fold. Its 6.5 million inhabitants comprise a with varied ethnic backgrounds, lifestyles, religions, cultures and traditions. Today Jews comprise about three quarters of the country's population, while the country's non-Jewish citizens, mostly Arabs, make up the rest. A wide spectrum of lifestyles characterize the country, ranging from religious to secular, from modern to traditional, from urban to rural, from communal to individual. The official languages of the country are Hebrew and Arabic, but in the country's streets many other languages can be heard.

Although small in size, Israel encompasses the varied climates of an entire continent, ranging from forested highlands and fertile green valleys to mountainous deserts and from the coastal plain to the semitropical Jordan Valley and the Dead Sea, the lowest point on earth. Approximately half of the country's land area is semi-arid.

Israel's climate is characterized by much sunshine, with a rainy season from November to April. Total annual precipitation ranges from 20-30 inches (50-70 cm) in the north to less than an inch (2.5 cm) in the far south. Regional climatic conditions vary considerably: hot, humid summers and mild,

wet winters on the coastal plain; dry, warm summers and moderately cold winters, with rain and occasional light snow, in the hill regions; hot, dry summers and pleasant winters in the Jordan Valley; and semi-arid conditions, with warm to hot days and cool nights, in the south.

## The Economy

Israel has a technologically advanced market economy with substantial government participation. It depends on imports of crude oil, grains, raw materials, and military equipment. Despite limited natural resources, Israel has intensively developed its agricultural and industrial sectors over the past 20 years. Israel is largely self-sufficient in food production except for grains. Cut diamonds, high-technology equipment, and agricultural products (fruits and vegetables) are the leading exports. Israel usually posts sizable trade deficits, which are covered by large transfer payments from abroad and by foreign loans. Roughly half of the government's external debt is owed to the US, which is its major source of economic and military aid. The influx of immigrants from the former USSR during the period 1989-99 coupled with the opening of new markets at the end of the Cold War, energized Israel's economy, which grew rapidly in the early 1990s. But growth began moderating in 1996. Growth was a strong 6.4% in 2000. But the outbreak of Palestinian unrest in September 2000 and the declines in the high-tech and tourist sectors led to a 0.6% drop in GDP in 2001.

Israel concentrates on manufacturing products with a high value added that is primarily based on technological innovation. These include medical electronics, agrotechnology, telecommunications, computer hardware and software, solar energy, food processing and fine chemicals. The country has been internationally recognized for its extraordinary achievements in agriculture, irrigation, and various high-tech industries and electronic start-ups.

Israel's agricultural successes are the result of a long struggle against harsh, adverse conditions and of making maximum use of scarce water and arable land. Today, agriculture represents some 2.5% of GNP and 3% of exports. Israel produces 93% of its own food requirements, supplemented by imports of grain, oil seeds, meat, coffee, cocoa and sugar, which are more than offset by the wide range of agricultural products for export.

## The Station

Galei Zahal was established in 1950. The initial broadcast on Sunday, 24 September 1950 featured the Prime Minister and Defense Minister at the time, David Ben Gurion, who said the following: *"Military broadcasting, which starts its operations today, is to serve two purposes: to function as an instrument of security and defense, an effective and rapid means of communication for call-up, training, for speeding and putting into operation the forces of the regular and reserve army in all ground, naval and airborne divisions of the regular armed forces."*

He went on to state: *"It is also intended to serve, within the army, as a tool for educating the youth and the people, as an auxiliary educational aid for the absorption of Jewish immigrants, for spreading the language, and the knowledge about the land and the history of the nation, for the consolidation of "the tribes of Israel" for forging national will and state responsibility and, for casting light on the historic vision of the people of Israel, with a view to a life of work, peace, justice, freedom and brotherhood. This secondary mission of IDF broadcasting is inherent to the essence and special destination of the IDF."*

Galei Zahal's programs include extended news coverage, programs on current events, music and culture programs, special programs about the army and security, and Broadcast University. Programs covering culture and entertainment dominate the weekends. Programs on the geography of Israel, historical issues and heritage of the country are also popular. For years, the station has broadcast programs that are chiefly aimed at soldiers, such as a music program with greetings being sent by the soldiers. Programs are developed and carried out by personnel consisting of soldiers who have just been recruited along with senior broadcasters. For years, Galei Zahal has been producing broadcasting talent for all channels of broadcasting in Israel. The station has been operating twenty-four hours a day, 365 days a year since 1973.

Music is one of the most important elements in the station's broadcasts. All types of

music are well integrated throughout the broadcast day in all of its programs. The emphasis is on Israeli and Mediterranean music accompanied by music from the best international composers.

Galei Zahal  
23 Yehuda Hayamit Street  
68134 Tel Aviv-Jaffa

The main program, Galgalatz, combines traffic reports and music drawing on information from helicopters, traffic police, commuters, taxi drivers, etc. Along with the traffic messages, Galgalatz carries music that appeals to a wide audience. The main program features a news report on the hour.

Israel


The station uses a state-of-the-art control center at the broadcasting center in Jaffe to coordinate all studios. Veteran technicians and soldiers working as technicians work around the clock to provide reliable broadcasts to households all over Israel and to overseas listeners.

Galei Zahal broadcasts primarily within Israel on medium wave and FM but also maintains a shortwave radio presence relaying the main Galgalatz program that can be heard worldwide using a 10 Kilowatt transmitter. The station is known to operate on 6,973 kHz and on its alternate channel of 15,785 kHz 24 hours a day. Galei Zahal is often heard at nice levels between 0000 UTC and 0400 UTC in North America on 6,973 kHz.

The station has been a good verifier of shortwave listener reception reports over the years. With the Israel Broadcasting Authority becoming a reluctant verifier of listener reception reports for Kol Israel transmissions, Galei Zahal becomes the prime shortwave broadcasting target to QSL this country. Reception reports with return postage in the form of a US dollar or two International Reply Coupons can be directed to the station at:



Or, simply address a reception report to Military Post Office Box 01005, Israel. You can try sending an e-mail reception report to the station using the following electronic address: [glz@galatz.co.il](mailto:glz@galatz.co.il).

As always, remember to send in those Galei Zahal logs to electronic *Flashsheet* editor Sheryl Paszkiewicz and to Wallace Triebel for the *Log Report*. Of course, those interesting QSL verifications should be sent to Sam Barto for inclusion in the *QSL Report* column. Good luck with this DX Target. 

# Scoreboard

Gary R. Neal • 7410 Orchard Hills Lane • Sugar Land, TX 77479-6122 • gneal@earthlink.net

This month we are highlighting our members totals from North and Central America. This is your chance to show everyone how well you are doing. The next deadline is August 15<sup>th</sup> for the September 2003 issue of the *Journal*. The spotlight will be on Africa.

Name, State	Total		N. America		Best N. & C. America qsl
	c/H	c/V	c/H	c/V	
Marlin Field, MI	244	244	25	25	CFRX (10 w.)
Jerry Berg, MA	243	243	26	26	ZNX32 Barbados Rediffusion Ltd.
Tom Williamson, ON	243	230	28	26	PJC Curacao
Steven R. Lare, MI	234	213	22	21	Greenland
Rich D'Angelo, PA	225	221	22	22	Gronlands Radio, Greenland
Jerry Klinck, NY	220	202	22	21	R. Miskut
Paul Buer, FL	218	207	24	23	CKFX (10 w.)
Ron Howard, CA	212	200	22	21	Turks & Caicos
Jerry Johnston, KY	209	138	20	15	CHU off frequency 3333 kHz
George Maroti, NY	203	188	18	16	R. Miskut
Stephen Price, VA	193	174	17	16	Turks & Caicos
Ross Comeau, MA	190	162	17	16	R. Miskut
James R. Renfrew, NY	187	156	20	18	R. Venceremos
Gary W. Froemming, AZ	184	44	17	6	WWVL
Andy Rugg, PQ	180	161	23	21	KNLS, Alaska
George L. Glotzbach, NM	154	132	15	14	CKZN
Scott C. Newman, IN	148	113	17	17	R. Grenada
Jilly Dybka, TN	144	102	15	14	CKZU
Paul Brouillette, IL	141	118	16	16	CKFX
Scott R. Barbour, NH	136	82	14	10	R. Barahona
Gary R. Neal, TX	134	123	16	14	CHNX (50 w.)
Edward G. Stroh, IL	132	102	17	15	R. Grenada
John Mosman, WI	120	120	18	18	Swan Island

## WELCOME TO THE FOLLOWING NEW MEMBERS

GORDON C. RUSK, Clovis, CA  
 JOHN T. SANGER, Fargo, NC  
 BILL GIDELSKI, Sterling Heights, MI  
 JAMES RUONE, Columbia Falls, MT  
 KENNETH R. TESCHENDORF, Brighton, MI  
 DONALD J. WRIGHT, Claremont, CA  
 JOHN K. BYCURA, West Homestead, PA  
 KEVIN MURRAY, Holliston, MA  
 ROBERT L. MANLEY, Wilmington, DE  
 JOHN POVELONES, Blythewood, SC  
 JOHN C. CARSON, Norman OK

# Listener's Notebook

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

## ALBANIA Summer schedule for *Radio Tirana*:

0145-0200	English	6115	7160	Tu-Su
0230-0300	English	6115	7160	Tu-Su
0800-0900	Albanian	7110		
1400-1700	Albanian	7270		
1700-1715	Turkish	6130	Mo-Sa	
1715-1730	Greek	6130	Mo-Sa	
1730-1800	German	9570	Mo-Sa	
1800-1830	Italian	7240	Mo-Sa	
1845-1900	English	7210	9520	Mo-Sa
1900-1930	French	7210	Mo-Sa	
2030-2200	Albanian	7295		
2115-2130	Serbian	6135	Mo-Sa	
2130-2200	English	7130	9540	Mo-Sa
2300-0330	Albanian	7270		

(Observer-BUL)

**BOLIVIA** Unknown religious station #1 now ID-ed! 4864.95, *Centenario La Nueva*, Santa Cruz, April 21 2003, 2330 UT. The religious station I have reported in a "BM preview" turned out to be Centenario. After some ads at 2327 UT finally the ID came: "Siga escuchando Centenario La Nueva" followed by the same religious program as earlier (Bjorn Malm, Quito, Ecuador, April 21, SW Bulletin, translated by SWB editor Thomas Nilsson)

4796.88 *Radio Mallku*, Uyuni, 1010+, May 15. Local ads in Aymara & Spanish, ID by female: "Radio Mallku". (Arnaldo Slaen, Argentina/Cumbre DX)

## CANADA Frequency change for *Radio Canada International*

0330-0400	Arabic	NF 11900	MOS (ex-11945) add 9645 SKN // 13735 WER
1100-1200	French	NF 9515	SAC (ex-11910)
1200-1500	English	NF 17800	SAC (ex-17820) Mo-Fr
2200-2400	English	NF 6140	SAC, ex 13670

(Observer-BUL)

**CHILE** 6009.71, *Radio Parinacota*, 0653-0748 Apr 23. Nice selection of ranchera and ballad music until 0725 when a M began a long dialog. Several IDs in the top half hour, but nothing after 0735. Getting quite strong, but requires LSB with good filters as Mil is on 6010.01 and another unID LA on 6010.21 (likely Inconfidencia but no ID). (Don Nelson, OR, April 23, WOR 1179, DX Listening Digest/Hauser-OK)

**CHINA** Frequency changes for *China Radio International* in Russian: 1000-1057 NF 15145 (ex-11935) 1100-1157 NF 11740 (ex-11935) (Observer-BUL)

**CHINA - TAIWAN/UK** Frequency change for *Radio Taipei Int* in French: 1900-2000 NF 6045\* SKN (ex-3955) (Observer-BUL)

**C I S [and non]** Foreign relays via CIS countries 30/03/2003 - 25/10/2003:

Armenia

5855	1610-1740	TWR
6240	1200-1215	TWR
9365 (7550*)		2300-2400RFA
9365	0100-0300	RFA
11510	1500-1600	RFA
11590	1100-1400	RFA
11975	1400-1500	VOA
15625	1400-1500	RFA
17485	0600-0700	RFA

## Moldova

7460	0230-0315	RPD
7480	1800-1845	RPD
11530	0800-1600	MSP

## Kazakhstan

5910	1430-1530	DVB
9355	1530-1600	VOO (Tu/Fr)
11515	1300-1400	RFA
11520	1400-1500	RFA
11560	2330-0030	RFA
11570 (7455*)	2230-2330	RFA
13830	0000-0100	RFA
15135	2300-2350	DWL
15625	1230-1330	RFA
15635	1100-1200	RFA
15660	0030-0130	RFA
17485	1000-1400	DWL
17770	1430-1455	DWL
19 m*	1215-1300	VOT

## Tajikistan

4760	0100-0200	RFE
4760	1630-1700	RFE
4995	1400-1600	RFE
5860	1400-1600	RFE
5860	1900-2100	RFE
6140	1900-2000	RFE
7185	0300-0400	RFE
7295	0200-0300	RFE
7465	1600-1700	RFA
9350	0100-0200	RFA
9370	1600-1700	RFA
11520	0100-0200	RFA
11520 (7530*)	1800-2100	RFA
11540 (9975*)	2330-0030	RFA
13835	1500-1600	RFA
15680 (7540*)	2300-2400	RFA
15680 (11540*)	1300-1500	RFA
15580 (7540*)	1500-2200	RFA
15695 (9395*)	2300-2400	RFA
15695	1100-1400	RFA
15695 (13830*)	0100-0300	RFA
15705 (11535*)	1400-1500	RFA
17495	0300-0700	RFA
17510	0600-0700	RFA
17525	0300-0700	RFA
17525 (11540*)	0030-0130	RFA
19 m**	1215-1300	100 VOT

## Uzbekistan

7430	1500-1530	BBC
9445	2315-0200	TWR
9445	1115-1630	TWR
9865	1330-1445	BBC
11850	0100-0400	VIL
12065	1330-1425	RNW
12065	1430-1600	VAT
12075	1430-1625	RNW

13745 0100-0130 BBC  
 17540 0100-0200 HLR (Fri)  
 17695 1200-1230 RVI  
 21780 0800-0830 BBC  
 13 m\* 1215-1300 VOT  
 16 m\* 1430-1515 VOT  
 \* = From 07/09/2003  
 \*\* = different frequencies in the mentioned meter band. (Nikolay Rudnev-RUS, Rus DX May 25 via DX Listening Digest/Hauser-OK)

**CLANDESTINE - AFRICA** Just received by snail-mail a QSL from *SW Radio Africa* for my e-mail report of their test on 4880 kHz. Full-data, except (of course) transmitter site. Power is given as 100kW but... "Transmitter location is restricted for security reasons". Signed by Technical Manager, name illegible. Contact info: SW Radio Africa Ltd PO Box 243 Borehamwood, Herts, WD6 4WA UK; tech@swradioafrica.com, http://www.swradioafrica.com  
 Well, the transmitter site is most probably Meyerton.  
 (Jari Savolainen-Finland/Cumbre DX)

**CLANDESTINE - MIDEAST** Indigenous clandestine radio broadcasts continue in Northern Iraq. Clandestine Radio Watch has noted the following stations and frequencies active in the 0300-0500 time frame:

3900.0v kHz *Voice of the Iraqi People* (Iraqi Communist Party)  
 3900.0v kHz *Radio Freedom* (Communist Party of Iraqi Kurdistan)  
 4025.0v kHz *Voice of the People of Kurdistan* (Patriotic Union of Kurdistan)  
 4090.0 kHz *Voice of Iraqi Kurdistan* (Kurdistan Democratic Party)  
 4245.4 kHz *Voice of Kurdistan Toilers* (Kurdistan Toilers Party)  
 4370.8 kHz *Voice of Communist Party of Iran* (KOMALA)  
 4380.9 kHz *Voice of Communist Party of Iran* (KOMALA)  
 4610.0 kHz *Voice of Komala* (Revolutionary Organization of Toilers of Iranian Kurdistan)  
 4615.0 kHz *Voice of Komala* (Revolutionary Organization of Toilers of Iranian Kurdistan)

The Voice of the Communist Party of Iran and Voice of Komala, which are in opposition with Tehran, are heavily jammed by Iranian "bubble" transmitters. (Clandestine Radio Watch/Schoech-DE)

**CUBA** Confirming the announcement reported in DXLD 3070, *Radio Havana Cuba* heard tonight with their English broadcast to Europe at 2030-2130 UT on new 11760 kHz (replacing 11670). Difficult reception, very weak signal here - I would estimate that they are running less than 10 kW (Dave Kenny, England, April 22, WOR 1179, DX Listening Digest/Hauser-OK)

**CZECH REPUBLIC** Summer A-03 schedule of Radio Prague:

0000-0027	English	7345	9440
0030-0057	Spanish	7345	9440
0100-0127	English	6200	7345
0130-0157	Czech	6200	7345
0200-0227	Spanish	7345	7385# 9870
0230-0257	Czech	7345	7385# 9870
0300-0327	English	7345	7385# 9870
0330-0357	English	11600	15620
0400-0427	Russian	9865	11600
0600-0627	French	5930	7345

0630-0657	German	5930	7345
0700-0727	English	9880	11600
0730-0757	Spanish	9880	11600
0800-0827	French	9880	11600
0830-0857	Czech	11600	21745
0900-0927	English	21745	
0930-0957	Czech	21745	
1000-1027	German	6055	9880
1030-1057	English	9880	11615
1100-1127	Czech	11615	21745
1130-1157	Russian	11615	15685* 21745
1200-1227	German	6055	7345
1230-1257	Czech	6055	7345
1300-1327	English	13580	21745
1330-1357	Czech	13580	21745
1400-1427	Spanish	11990	13580
1430-1457	Russian	9855*	11645 13580
1500-1527	German	5930	
1530-1557	Czech	5930	21745
1530-1557	Russian	7195*	
1600-1627	English	5930	21745
1630-1657	French	5930	17485
1630-1657	German	5990*	
1700-1727	English	5930	17485
1730-1757	Czech	5930	17485
1800-1827	Spanish	5930	13580
1830-1857	French	5930	13580
1900-1927	Spanish	5930	13580
1930-1957	Czech	5930	11600
2000-2027	English	5930	11600
2030-2057	Spanish	5930	11600
2100-2127	Czech	11600	13580
2130-2157	English	11600	13580
2200-2227	French	11600	13580
2230-2257	English	11600	13580
2330-2357	Spanish	9440	11615 13580
2330-2357	Czech	9440	11615

\* via WRMI=Radio Miami International  
 \* via RSO=Rimavska Sobota [SLOVAKIA]  
 (Observer-BUL)

**DENMARK** *Radio Denmark* is right now considering to cease all its SW bcs by the end of 2003 when the present contract with Norkring terminates. I know by personal experience that the reception of the bcs from Norway is good at specific hours throughout the world and that many Danes on travel highly appreciate the news broadcasts twice daily from Denmark. In an attempt to avoid closure of the SW service, a letter of protest has been sent from the DSWCI to the Minister of Culture in Copenhagen. (Anker Petersen-DEN, dswci DXW Apr 23)

**ECUADOR** *HCJB* ending English to Europe, North America. I've just been listening to this week's DX PartyLine on HCJB (via Australia 15480 kHz at 1430 UTC today). During the program they made the shock announcement that effective 31 May they are ending all English broadcasts to Europe and North America from Quito. (The very last broadcast will end at 0600 on 1st June - i.e. midnight 31st May in the target area.)

Future output from Quito will concentrate on Latin America in Spanish, Portuguese and Quechua - though there may also be cuts in these langs too. Main reason given was financial. Auditors were involved in the decision, as was the planned relocation of the transmitter site. It sounds as though the new site will no longer go ahead as planned - at least not as a major SW site. DX PartyLine will also end on 31st May after 42 years on the air... (Dave Kenny-UK, BDXC-news Apr 19/BC-DX/Bueschel-DE) *[Sad, HCJB had to be one of the first "DX" stations any of us heard when we got into the hobby. I've always appreciated the gentle integration of their religious message with the*

regular programming, the more strident voices that now prevail could learn a thing or three from them. And DXPL! Thanks for the great listening. HCJB! - AQJ

Here are the schedule changes planned for implementation on June 1, for HCJB, Pifo:

9525	0100-0500	Spanish	DELETE
9745	0000-0600	English	DELETE
9745	0100-0500	Spanish	ADD
9860	0600-0800	English	DELETE
12005	0500-0515	Kikongo	DELETE
12005	1100-1430	English	DELETE
15185	2000-2200	English	DELETE
17660	2230-2300	German	DELETE
21455	0000-1530	Various	DELETE
21455	0000-0630	Various	ADD
21455	0800-1530	Various	ADD

(Bob Padula, EDXP ADMIN, May 23 via DX Listening Digest/Hauser-OK)

**EL SALVADOR** 17835.2v, *Radio Imperial*, 1845-2300 April 19. After many many attempts at this, was very surprised to find it with readable signal all late afternoon and early evening. Heard a mix of nonstop LA Pops, Rap, Dance, and Ballads. First ID noted was at 1905 by M with mention of onda corta and ending with R. Imperial ID. The signal was drifting around between 17835.2 - .3 (Dave Valko, PA, Cumbre DX via DX Listening Digest/Hauser-OK)

**FRANCE/SOUTH AFRICA** Freqs change for *RFI* via MEY effective from April 16:

1900-2158	NF 5925	French,	ex5985
1600-1658	NF 15160*	English,	ex 15255
0700-0758	NF 15170	French,	ex 15410
1100-1158	NF 17720	French,	ex 17685
1200-1358	NF 17720	French,	ex 17685

(Observer-BUL)

**GEORGIA** 9495 kHz Mon-Fri at 0345 *Radio Sochi*, 0400 Abkhazia. (Rumen Pankov-BUL, BC-DX Apr 22/Bueschel-DE)

**GERMANY** Frequency changes for *Deutsche Welle* effective from May 11:

Bengali	0100-0150	NF 12080	NAU (ex 13690)
Indonesian	1200-1250	NF 21730	WER (ex 21650)

(Observer-BUL)

New schedule for *Brother Stair* TOM in English via DTK: 1300-1600 on 13810 JUL. (Observer-BUL)

It appears that *SWR* has changed their format from music to news all the time. For years I have listened to this low power 10 kW station from Stuttgart Germany with an excellent music program. I don't speak the language but made no difference. Sorry to see the change. I was always amazed at such a clear signal with low power (Bob Montgomery, PA, Cumbre DX via DX Listening Digest/Hauser-OK)

**INDIA** *AIR* in 13 MHz band -- amended operations effective May 25:

0045-0130	Burmese	13630
0115-0200	Tibetan	13700
0200-0345	Pushto/Dari	13620
0300-0415	Hindi	13695
0345-0530	Farsi/Ar	13620
0945-1100	English	13695
1100-1200	Thai	13645
1100-1245	Tamil/Telugu	13695
1315-1500	English	13710

1500-1730	English	13750
1600-1730	Hindi	13770
1730-2030	English	13605
1945-2030	French	13620
2230-0045	English	13605
2245-0045	Hin/Tamil	13795

All transmissions from Bangalore (Bob Padula, EDXP World Broadcast Magazine May 26, used by permission from <http://edxp.org> via DX Listening Digest/Hauser-OK)

*AIR Delhi* is now identifying its different Home Service channels as Rajadhani Channel and Indraprastha Channel.

On April 25, 2003 *AIR Aligarh* was noted on 9647.0 instead of 9470.0 at tune in around 0430 to sign off at 0530.

On April 29, 2003 *AIR Kuresong* was noted on 4885 instead of 4895 for the evening transmission from tune in around 1330.

From April 29, 2003 *AIR Thiruvananthapuram* has restarted its evening broadcast on SW 5010. (Earlier it was available only on MW 1161). The sked is 1115-1735 (a little early on Sundays 1030?). Reports on their SW transmissions may be sent to Mr. Radha Krishna Menon, Station Engineer at the following email: [tvm\\_airtvpm@sancharnet.in](mailto:tvm_airtvpm@sancharnet.in) (This station also operates on 7290).

*Radio Kashmir Srinagar* is now noted with their summer sign on schedule with sign on at 0025 (ex winter 0120 on 4950.) (3 May/Jose Jacob-IND)

#### INDONESIA

4604.95 *RRI Serui*(p) 1220-1237 Jakarta news feed parallel with 4753.53 until 1228 followed by Jakarta end-of-news mx and announcements. Into poorly modulated local ID (unintelligible) followed by lagu lagu romantik. Presume this is just drifted *RRI Serui* which has been rock solid for some time on 4606.50 (Nelson OR May 12/Cumbre DX)

The following regionals were off the air in April 2003:

6070	<i>RRI Jayapura</i>
6153	<i>RRI Biak</i>
7171.3	<i>RRI Serui</i>
7231.1	<i>RRI Fak Fak</i>
7234	<i>RRI Palu</i>
9552.3	<i>RRI Makassar</i>

9680, *RRI Jakarta* was active in April // 11860 (Roland Schulze, Philippines, May 21 DSWCI DX Window, May 24 via DX Listening Digest/Hauser-OK)

**IRAN** Freqs changes for *VOIROIIIRIB* effective from April 20:

0030-0127	Bengali	NF 9855, ex 9570
1730-1757	Urdu	7225 and 9530 >>>>> additional transmission

(Observer-BUL)

**ITALY** 6060/7175/9515, Caltanissetta. *RAI* has decided that the SW transmitters at Caltanissetta shall no longer be used for domestic broadcasts and they closed down on May 14 (Luigi Cobisi, Peninsular Italy, May 21 DSWCI DX Window, May 24 via DX Listening Digest/Hauser-OK)

**JAPAN** *Radio Japan, NHK* in English at 1400-1500 is now on 17870 instead of 17755, 16 and 18 May. (David Crystal, 19125 Israel, DX Listening Digest/Hauser-OK)

**KOREA - SOUTH** Frequency changes for *Radio***Korea International:**

1600-1700	French	NF 7150 (ex-7550)
1700-1900	Korean	NF 7150 (ex-7550)
1800-1900	French	NF 6150 (ex-6480)
1900-2000	Arabic	NF 7150 (ex-7550)
1900-2000	Arabic	NF 6150 (ex-6480)
2000-2100	Russian	NF 7150 (ex-7550)

(Observer-BUL)

**LAOS** External Service has been off the air on 7145 for a time now. Hope they come back soon. 6130, however, continues. Heard OK at 1200 past 1300 (Victor Goonetilke, Sri Lanka, May 21 DSWCI DX Window, May 24 via DX Listening Digest/Hauser-OK)

**LIBERIA ELCM Radio Veritas** is now on 5470 kHz. (Catholic Radio Update May 26 via DX Listening Digest/Hauser-OK)

**LITHUANIA** Summer schedule of transmitter site

Sitkunai 100 kW:		
0000-0100	11690	<i>Radio Vilnius</i> in Lithuanian/English
0700-0800	9710	<i>Fundamental Broadcasting Network/FBN</i> in English (Su)
0800-0900	9710	<i>Radio Vilnius</i> in Lithuanian/English
1000-1100	9710	<i>Radio Avaye Ashena</i> in Persian (Su)
1100-1200	9710	<i>Fundamental Broadcasting Network/FBN</i> in English (Su)
1200-1300	9710	<i>Universelles Leben</i> in German (Su)
1600-1630	7470	<i>Radio Barobari</i> in Persian
2300-2400	9875	<i>Radio Vilnius</i> in Lithuanian/English

(Observer-BUL)

**MEXICO 9597.6, Radio UNAM** very tentative, but Spanish audio here as I type this at 1413 May 26. Anyone else hearing this? (Hans Johnson, Cumbre DX mailing list via DX Listening Digest/Hauser-OK)

**NEW ZEALAND** For two days in a row I have noted *Radio New Zealand* at close on 9885 at 1310. At that time they shift to 6095 for 5 minutes or so, then off. I'm wondering if they just do this to check out the 6095 transmitter/antenna? I know that on occasion they do use 6095 for sporting events and/or cyclone warnings (Steve Lare, Holland, MI, May 29, DX Listening Digest/Hauser-OK)

**NORWAY** Some stations via Norway transmitters:

0400-0800	15675	<i>Voice of Mezopotamiya</i> in Kurdish
1400-1658	18940	<i>Radio Afghanistan</i> in Pashto/Dari (Su)
1430-1728	18940	<i>Radio Afghanistan</i> in Pashto/Dari (Mo-Sa)
1630-1715	13800	<i>Radio Anternacional</i> in Persian (Mo-Sa)
1700-1758	7560	<i>Voice of Komala</i> in Kurdish/Persian (Su)
1730-1758	9990	<i>Voice of Eritrean People</i> in Tigrina (Su)

1800-1828	7530*	<i>Voice of Eritrean People</i> in Tigrina (Su)
1800-2000	7525	<i>Radio Sedoye Yaran</i> in Persian (Mo-Sa)
1800-2000	15705	<i>Voice of Reform</i> in Arabic
2000-2100	7520	<i>Voice of Ethiopia</i> in English WS (Su)

(Observer-BUL)

**PAKISTAN** Updated A-03 schedule of *Radio Pakistan*

0045-0115	Assami	11650 15625v [still partly English?]
0045-0215	Urdu	15485 17895
0115-0200	Bangla	11650 15625v
0215-0300	Hindi	9340v 11640
0315-0345	Tamil	15625v 17540
0400-0430	Gujarati	15485 17825
0500-0700	Urdu	11570 15100 17755
0800-1104	Urdu	17825 21465 [English 0800, 1100]
0945-1015	Tamil	15625v 17495
1015-1045	Sinhala	15625v 17495
1100-1145	Hindi	11640 15625v
1200-1230	Chinese	11570 15070
1200-1245	Bangla	15635 17635v
1245-1315	Nepali	15635v 17635
1330-1400	Turki	5860v 7375
1330-1530	Urdu	11570 15065
1415-1500	Russian	7375 9385v
1515-1545	Chinese	5860v 7375
1600-1615	English	11570 15065 15725v 17720
1630-1700	Turkish	9340v 11530
1700-1900	Urdu	11570 15065
1715-1800	Farsi	7550 9340v
1815-1900	Urdu	7550
1815-1900	Arabic	9335v 11530
1915-0045	Urdu	7570v

(Observer-BUL)

**PAPUA NEW GUINEA 3355, Radio Simbu, Kundiawa, 1115-1202\***, May 12, back after 7 months absence, Tok Pisin ID, public announcement, international and South Sea music, national anthem.

3905, *Radio New Ireland*, Kavieng, regular again since Apr 15 (Roland Schulze, Philippines, Apr 30, May 21 DSWCI DX Window, May 24 via DX Listening Digest/Hauser-OK)

**PERU** Monday evening April 21 2200 local time. Now we all hope this really is a NEW station and not only a simple change of their name. New Peruvian radio station or just a "new old one"?

6895.34, *La Nueva Radio Superior*, San Miguel de El Faique, la provincia de Huancabamba, el departamento de Piura. April 21 2003 -2345 UT. With nice and strong signal. The M JD announced that the premiere transmission just had started and the equipment was tested, "Nuestra primera transmision de prueba.....". Close down 2356 UT and intended to come back the next day with a transmission between 1500 to 2000 local time. [so until 0100\* UT] "Radio R.S.", "Radio la Superior", "La Super Radio" plus some more jingle variants.

It is quite clear that the transmitter is from the old "Radio San Miguel" which earlier has been logged on the frequency 6895.41 kHz.

Unknown religious station #2 now ID-ed! 5895 - 5928v, *Radio Chasqui*, Cusco. In last issue of SWB, 1509, I had an unID religious with distorted audio and transmitter problems. It turned out to be Radio

Chasqui, earlier logged on 5979.71 (see SWB 1484) where it was very hard to hear even if an interference tone from the carrier was audible. (Bjorn Malm, Quito, Ecuador, April 21, SW Bulletin, translated by SWB editor/Thomas Nilsson, WOR 1179, DX Listening Digest/Houser-OK)	1600-1626	Romanian	11830 11960 15105 15335
	1600-1656	German	9690 11940 15170
	1630-1656	Bulgarian	7105
	1630-1756	Romanian	11830 11960 15105 15335
	1700-1726	Turkish	9530
	1700-1756	English	9510 11820 11940 15380
	1730-1756	Greek	9535
	1800-1826	Aromanian	7140
	1800-1856	Romanian	9690 9735 11830 11970
<b>POLAND/RUSSIA</b> New evening schedule for <b>Radio Mariya</b> effective from April 11: 1500-1930 (ex 1500-1830) on 12010 ARM 1930-2200 (ex 1830-2200) on 7380 SAM (Observer-BUL)	1800-1856	Spanish	15380 17745
	1830-1856	Serbian	7135
	1900-1956	Russian	7205 9680
	1900-1956	German	9625 11940
	1900-2026	Romanian	7145 9690 9735 11970
	1930-1956	Hungarian	5990 7125
	2000-2026	Italian	9655
	2000-2056	French	9510 11940 15255 17720
	2030-2056	Aromanian	7185
	2030-2056	Romanian	7145 9690 9735 11970
	2100-2156	English	7185 9510 9725 11775
	2100-2156	Romanian	7105 9530 9690 11970
	2200-2256	Portuguese	11885 15365
	2200-2256	Spanish	11730 15380
	2200-2356	Romanian	5990 7105 11940 15255
	2300-2356	English	9570 11740 11775 15105
		(Observer-BUL)	
		<b>RUSSIA</b> Foreign relays via Russian transmitters 30/03/2003 - 25/10/2003	
	Moscow		
	7175***	2200-2300	250 CRI
	7385	1700-1800	BBC
	9880*	2200-2300	CRI
	9920	1500-1530	RCI
	12035	1830-1930	CRI
	12060	1900-2100	VOM
	12090	1200-1600	DWL
	15530	0345-0430	FEB
	Sankt-Petersburg		
	7130****	1600-1700	CRI
	7130****	1800-1830	CRI
	15595***	1800-1830	CRI
	17580***	1600-1700	CRI
	Kaliningrad		
	7340	2030-2125	RNW
	Samara		
	5935**	1900-2030	IBR
	6035	2100-2200	FGM
	6210	1610-1640	VAT
	7320	1630-2130	CRI
	7380*	1930-2200	MAR
	7560	1700-1800	MES (Tue, Wed, Fri)
	9475	1600-1630	TWR
	9825	1730-1800	DWL
	9835*	1900-2030	IBR
	9945	2100-2200	FGM
	11520	1600-1700	TAY
	12045	0015-0130	FEB
	12120	1500-1530	SAW
	12120	1700-1800	DER (Sat)
	12120	1730-1800	ORO (Mon, Fri)
	15525	0800-0830	DWL
	15595	1330-1420	DWL
ROMANIA Summer A-03 schedule of Radio Romania International:			
0000-0056 Spanish	9530 11730 15340 17815		
0000-0156 Romanian	5955 7225 11940 15255		
0100-0156 Portuguese	15340 17815		
0200-0256 Romanian	5955 7225 9540 11675		
0200-0256 English	9510 11940 15105 17720		
0300-0356 Romanian	5955 7225 11675 15230		
0300-0356 Spanish	9570 11725 11970 15245		
0400-0456 English	9510 11940		
0400-0526 Romanian	7105 9625 9690 11790 15230 17735		
0500-0526 Bulgarian	5965		
0500-0556 French	9635 11940		
0530-0556 Romanian	7105 9625 9690 11790 15230 17735 7195		
0530-0556 Ukrainian	5965 7225		
0600-0626 Hungarian	9625 9690 11830		
0600-0656 Romanian	11840 11940 17735 21480		
0630-0656 Chinese	17735 21480		
0700-0756 English	21480		
0700-0756 Arabic	15250 15340 15370 17720 17745 17790		
0700-1056 Romanian	11830 15105		
0800-0856 Romanian	15270 15370 17790 17805 17860 21530 Su		
0900-0956 Romanian	15180 15250 17745 17790 17840 21490 Su		
1000-1056 Romanian	15380 15390 17745 17790 17805 21480 Su		
1100-1126 Italian	15180		
1100-1156 French	15250 15380 17745 17805		
1100-1256 Romanian	11830 15105 15390 17790		
1130-1156 Turkish	11780		
1200-1256 Russian	11740 15270 17745		
1200-1256 German	11775 15150		
1300-1326 Serbian	9680		
1300-1356 Romanian	11830 15105		
1300-1356 Arabic	15250 15365 15390 17745 17790 17815		
1330-1356 Greek	9680		
1400-1426 Romanian	11830 15105 15270 17720		
1400-1426 Italian	11820		
1400-1456 English	15250 17805		
1430-1456 Romanian	11830 15105 15270 17720		
1430-1456 Chinese	15340 17790		
1500-1556 French	11970 15250 15260 17805		
1500-1556 Russian	9590 11775		
1500-1556 Romanian	11830 15105		
1600-1626 Ukrainian	7195		

15605 1200-1500 FEB  
 17765 1100-1600 WUN  
 17820 0900-0930 DWL

**Krasnodar**  
 6225 2000-2130 DWL  
 7230 1800-1900 DWL  
 7380\*\* 1500-2200 MAR  
 7430 1700-1815 BVB (Mon-Fri)  
 7430 1700-1900 BVB (Sat)  
 7430 1700-2000 BVB (Sun)  
 9415 1600-1715 IBR  
 9925 1700-2100 RVI  
 12010\* 1500-1930 MAR  
 12035 2000-2100 RCI  
 12060\*\* 0500-0715 MAR (Mon-Sat)  
 12060\*\* 0600-0800 MAR (Sun)  
 12065 0345-0430 FEB  
 12125 1900-1930 JRI (Mon-Fri)  
 12125 1900-2000 VBI (Sat)  
 15195 0500-0800 RVI  
 15195 1700-1800 RVI  
 15455\* 0500-0715 MAR (Mon-Sat)  
 15455\* 0600-0800 MAR (Sun)  
 15530 1100-1300 FEB  
 15605 0900-0930 DWL  
 17545 1230-1300 DWL  
 17650 1100-1130 RVI  
 17695 1300-1600 RVI (Sun)

**Novosibirsk**  
 9825 1700-1730 DWL  
 11570 0000-0100 IBC  
 11990 1300-1500 VOA  
 12045 2200-2300 RFI  
 12075 1200-1300 RFI  
 13590 1145-1400 BVB  
 15535 2300-0100 RFI

**Irkutsk**  
 7150 2200-2300 VOA  
 7210 1600-1700 RFA  
 7305\* 2200-2245 VAT  
 7460 1300-1400 HBS  
 9460 1300-1350 DWL  
 9900 1000-1400 DWL  
 12025 0930-1030 RFI  
 12025 1100-1300 RFI  
 12035 2300-2350 DWL  
 12045 1030-1055 DWL  
 13710 0930-1125 RNW  
 17590 0200-0330 VAT  
 17710 0230-0300 BBC  
 17710 0800-0830 BBC

**Chita**  
 12055 1315-1400 VAT  
 15580 0015-0200 FEB

**Vladivostok**  
 7330 1100-1530 BBC  
 12005 2200-2300 RFI  
 13690 0000-0100 DWL  
 15595 2300-2400 RFI  
 15660 1400-1500 VKK (Tue)  
 17860 2300-2400 DWL

**Khabarovsk**  
 11830\*\* 2200-2245 VAT  
 13820 1030-1125 RNW  
 13695 1330-1425 RNW  
 17590 2330-0025 RNW

**Komsomolsk-na-Amure**  
 9585 1200-1300 HBS  
 15605 2200-2350 DWL  
 17570 0500-0600 VOM (Sun)

**Petropavlovsk-Kamchatskiy**  
 7420 1000-1400 DWL  
 9450 1200-1330 IBR  
 9865 1130-1230 RVI  
 9890 1330-1425 RNW  
 12065 0930-1125 RNW  
 12070 0000-0100 DWL  
 15470 2100-2200 VOA

\* = Till 06/09/2003  
 \*\* = From 07/09/2003  
 \*\*\* = Till 27/09/2003  
 \*\*\*\* = From 28/09/2003  
 BBC = British Broadcasting Corporation  
 BVB = Bible Voice Broadcasting Network  
 CRI = China Radio International  
 DER = Dejan Radio  
 DWL = Deutsche Welle  
 FEB = FEBA Radio  
 FGM = Fang Guang Ming Radio  
 FRA = Radio Free Asia  
 HBS = Herald Broadcasting Syndicate  
 HLR = Hmong Lao Radio  
 IBC = International Broadcasting Corporation (IBC Tamil)  
 IBR = IBRA Radio  
 JRI = Jakada Radio International  
 MAR = Radio Maryja  
 MES = Mesopotamian Radio & TV  
 MSP = Voice of Mesopotamia  
 ORO = Voice of Oromiya  
 RCI = Radio Canada International  
 RFE = Radio Free Europe / Radio Liberty  
 RFI = Radio France Internationale  
 RNW = Radio Nederland Wereldomroep  
 RPD = Radio Payam-e Doost  
 RVI = Radio Vlaanderen Internationaal  
 SAW = Sowt al-Watan (Voice of Homeland)  
 TAY = Radio Tayyar  
 TWR = Trans World Radio  
 VAT = Radio Vaticana  
 VBI = Voice of Biafra International  
 VIL = Voice International  
 VKK = Voice of Khmer Krom  
 VOA = Voice of America  
 VOM = Voice of Mediterranean  
 VOO = Voice of Orthodoxy  
 VOT = Voice of Tibet  
 WUN = University Network  
 (via Nikolay Rudnev, Belgorodskaya obl. 73! Rus  
 DX May 25 via DX Listening Digest/Hausser-OK)

**Radio Rossii** March 30 - September 6, 2003:  
 5935 0100-0500 Moscow  
 5940 1430-2100 Moscow  
 7220 2100-1700 Yekaterinburg\*\*  
 7355 1730-2100 Samara  
 7360 1330-1700 Samara  
 7365 0100-0500 Samara  
 9490 1530-2100 Krasnodar  
 9655 1030-1500 Irkutsk  
 9720 0530-1400 Moscow  
 9805 1900-2200 Irkutsk  
 9845 1830-2100 Moscow\*  
 11655 0830-1500 Krasnodar  
 11735 1730-2100 Moscow\*  
 11980 0100-0400 Moscow\*  
 12005 0930-1300 Samara  
 12020 0100-0500 Moscow\*  
 12025 0100-0800 Krasnodar  
 12065 0530-0900 Samara  
 13705 0530-1800 Moscow\*  
 15225 0430-0700 Moscow\*  
 15475 2230-1000 Irkutsk  
 17660 0730-1700 Moscow\*  
 All 100 kW except \* = 250 kW \*\* = 200 kW (Nikolai Rudnev-RUS)

New updated schedule for *Voice of Russia* via DTK

[Germany]:  
 0600-0800 17670 JUL English World Service  
 1400-1500 17705 JUL Russian  
 Commonwealth  
 1900-2100 5985 JUL Russian World Service  
 1900-2100 9405 JUL Russian World Service  
 2000-2100 7260 JUL Russian WS, ex 6170  
 2100-2200 6170 JUL Russian Commonwealth  
 >>> deleted  
 2200-2300 7120 JUL Arabic ex 6170  
 (Observer-BUL)

**SLOVAKIA Summer A-03 schedule of Radio**

**Slovakia International:**  
 0100-0127 English 5930 6190 9440  
 0130-0157 Slovak 5930 6190 9440  
 0200-0227 French 5930 6190 9440  
 0230-0257 Spanish 6190 9440 11990  
 0700-0727 English 9440 15460 17550  
 0730-0757 Slovak 9440 15460 17550  
 0800-0827 German 5915 6055 7345  
 1300-1327 Russian 7345 9440 11990  
 1330-1357 German 5915 6055 7345  
 1430-1457 Spanish 6055 7345 11600  
 1500-1527 Russian 7345 9535 11715  
 1530-1557 Slovak 5920 6055 7345  
 1600-1627 German 5920 6055 7345  
 1630-1657 English 5920 6055 7345  
 1700-1727 French 5920 6055 7345  
 1730-1757 Russian 5920 6055 9485  
 1800-1827 German 5920 6055 7345  
 1830-1857 English 5920 6055 7345  
 1900-1927 Slovak 5920 6055 7345  
 1930-1957 French 5920 6055 7345  
 2000-2027 Spanish 6055 7345 11650  
 (Observer-BUL)

**SOUTH AFRICA Freq change for Channel**  
 Africa in English/Portuguese/English/French 1700-  
 1857 NF 15265 MEY, ex 17735 (Observer-BUL)

**SRI LANKA 7300. SLBC** All Asia Vernacular  
 Service has made some changes. They were on  
 7115 0025-0400, 0800-1600 with 9770 in //. Then  
 A03 season VOA Iranawala also started using 7115  
 0100-0300 which has been the VOA's A season  
 frequency. SLBC found it difficult to move as  
 they had only 5 crystals for this transmitter: 7115,  
 7190, 7235, 7300 and 7445. I suggested 7300 as  
 the only alternative and they used it in// but the  
 crystal was off on 7302.75. Finally they managed  
 to repair a frequency synthesizer and use it. So  
 find SLBC 7300 now.

All Asia English Service is now on 0025-0400 on  
 6005, 11905 15745, 1225-1530 on 6005, 11930,  
 15745. (Victor Goonetilleke, Sri Lanka, May 21  
 DSWCI DX Window, May 24 via DX Listening  
 Digest/Hauser-OK)

**TATARSTAN Summer A-03 schedule for Radio**

**Tatarstan:**  
 0400-0500 11665 SRN  
 0600-0700 9690 SAM  
 0800-0900 11925 SAM  
 (Observer-BUL)

External service from Kazan is not called "Voice  
 of Tatarstan" anymore. The new name (not a best  
 one, I think - Ed.) is "On the Tatarstan Wave"  
 (Russian: Na Volne Tatarstana. Tatar: Tatarstan  
 Dulkynynda). (Ildus Ibatullin and Dmitry Mezin,  
 both from Kazan-RUS, DXsignal/BC-  
 DX/Bueschel-DE)

**UNITED KINGDOM Updated schedule for BBC**  
 in Arabic:

0000-0300 7140 9915 13660  
 0300-0330 7140 9915 11740 13660  
 0330-0400 7140 9915 11740 13660 15250  
 0400-0500 7140 7325 9915 11740 11885  
 13660 15250  
 0400-0600 7140 7325 9915 11740 13660  
 15250  
 0600-0700 7140 9915 11680 13660 15180  
 15185  
 0700-0730 7140 9915 11680 13660 15180  
 15185 17610  
 0730-0900 7140 11680 13660 15180 15185  
 17610  
 0900-0930 7140 11820 13660 15180 15555  
 17555# 17610  
 0930-1100 7140 11820 13660 15165\* 15180  
 15555 17555# 17610  
 1100-1130 7140 11820 13660 15180 15555  
 17555# 17610  
 1130-1200 7140 11820 13660 15180 15555  
 17610  
 1200-1630 7140 11820 13660 15180 15555  
 17585  
 1630-1800 6030 7140 11680 11820 13660  
 15180  
 1800-2000 6030 7140 9915 11680 13660  
 2000-2200 5875\* 6030 7140 9915 11680  
 13660  
 2200-2400 5875\* 7140 9915 11680 13660  
 # via MOS  
 \* unregistered freqs  
 (Observer-BUL)

Updated schedule for BBC in Russian:

0230-0330 5875 7130 9510 9585 11845  
 13745 Mo-Sa  
 0330-0500 9585 11845 13745 15115 Mo-Fr  
 1630-1730 9635 11845 13745 15225 17705  
 1730-1800 9635 11845 13745 15225 17705  
 Mo-Fr  
 1730-1800 7385 9580 9915 9635 11845  
 13745 15225 17705 Sa/Su  
 1800-2000 5875 7325 9635 11845 13745  
 15225  
 (Observer-BUL)

**UNITED STATES OF AMERICA**

**America** frequency changes (A-03 vs A-02):  
 0000-0300 Arabic NF 9695 (ex 9575)  
 0030-0230 Pashto NF 15730 (ex 15690)  
 0130-0230 Dari NF 15730 (ex 15690)  
 0330-0400 Turkish on 7205, 9740, 11955  
 (new transmission)  
 0330-0430 Kinyarwanda NF 6095 and 13725  
 (ex 9895 and 11825)  
 0400-0500 Ukrainian NF 11805 and 11895  
 (ex 9710 and 11865)  
 0400-0500 Kurdish on 9705, 12040 and  
 15130 (additional  
 transmission)  
 0430-0500 Portuguese NF 6095, 7340, 9885,  
 13725 (ex 7370, 7415,  
 9480, 9675)  
 0430-0500 Croatian NF 11855 (ex 7185)  
 0500-0530 Hausa NF 6095 (ex 7105 and  
 DEL 9480)  
 0500-0530 Albanian NF 11805, 11825 and  
 13615 (ex 6130, 7180,  
 9585)  
 0530-0600 Serbian NF 11805, 11825,  
 13615 (ex 6130, 7180,  
 9585)  
 0530-0630 Dari on 17710 and 21550  
 (additional  
 transmission)  
 0530-0630 French NF 6095, 9885, 13695  
 (ex 7265, 9480,  
 13705)

0600-1500	Arabic	NF 15725 (ex 15445)	13735)		
0700-1000	Mandarin	NF 13720 (additional freq)	2230-2330	Vietnamese	NF 13725 (ex 13735) (Observer-BUL)
0700-1400	Arabic	NF 17565 (ex 17875)	Updated A-03 schedule for <i>Radio Afghanistan, Radio Free Iraq and Radio Farda</i> :		
1200-1300	Korean	on 7215 and 7235 (additional transmission)	0030-0200	Persian@	9615 9795 9805
1300-1330	Vietnamese	NF 9860 (ex 7215)	0100-0300	Arabic#	9730 9865 12030
1300-1400	Russian	NF 15205 17730 (ex 11775 11895)	0200-0400	Persian@	9775 9795 9805
1300-1400	Korean	NF 7215 (ex 7260 and DEL 12010)	0230-0330	Pashto*	12140 15730 17670
1300-1400	Kurdish	on 9695, 9825 and 15170 (additional transmission)	0300-0400	Arabic#	9730 9865 11910
1300-1500	Cantonese	NF 9575, 11675, 11865, 15500 (ex 6090, 9355, 15160)	0330-0430	Dari*	12140 15730 17670
1400-1700	Arabic	NF 13870 (ex 13690)	0400-0600	Persian@	9510 9795 15185 15290
1430-1500	Indonesian	on 9510, 9585 and 15105 (additional transmission)	0400-0800	Arabic#	9730 9865 11930
1500-1530	Uzbek	NF 7135, 17665, 17685 (ex 7260, 15580, 17785)	0600-0800	Persian@	9510 15290 17835
1500-1530 (15410)	Armenian	NF 11680 (ex 11680)	0630-0730	Pashto*	13710 15690 19010
1500-1600	Hausa	NF 9710 and 13695 (ex 7135 and 9540)	0730-0830	Dari*	13710 15690 19010
1600-1630	Albanian	NF 9575 and 17725 (ex 11905 and 15245)	0800-0830	Persian@	9510 13680 15290 17835 21530
1600-1700 (15235)	Kurdish	NF 15470 (ex 15245)	0830-0930	Pashto*	15690 17685 19010
1600-1700	Hindi	NF 11705, 12115, 15290 (ex 11695, 11905, 15125)	0830-1400	Persian@	13680 21530
1600-1700 (21540)	Bangla Creole	NF 9740 (ex 9590)	0930-1030	Dari*	15690 17685 19010
1630-1730	Swahili	NF 21555 (ex 15145)	1230-1330	Pashto*	15690 17685 19010
1700-1730	Serbian	NF 11665 (ex 7115)	1330-1430	Dari*	15690 17685 19010
1700-1830	Portuguese	NF 9830 (ex 13600)	1400-1500	Arabic#	9825 13755 15170 15495 17740
1700-1900	Persian	NF 7280 and 15585 (ex 12030 and 15145)	1400-1600	Persian@	9435 13680 17750
1700-2400 (11825)	Arabic	NF 12040 (ex 15145)	1500-1600	Arabic#	9825 11805 15170 15495 17740
1730-1800	Azeri	NF 9740 (ex 9435)	1600-1700	Persian@	9435 13680 17670
1730-1830	Portuguese	NF 15730 (ex 7375)	1600-1700	Arabic#	9825 11645 11805 15170 15495 17740
1800-1900	Kurdish	on 11905 and 15545 (additional transmission)	1630-1730	Pashto*	9845 12140 15690
1800-1900 (15525)	Amh/Oro/Tigr	NF 13670 (ex 15525)	1700-1800	Arabic#	9865 11805 17690
1830-2130	French	NF 9830 and 15730 (ex 7340 and 9605)	1700-1900	Persian@	11705 11845
1900-2000	Persian	on 9780, 11815 and 12030 (additional transmission)	1730-1830	Dari*	9845 12140 15690
1930-2000 (11875)	Serbian	NF 11910 (ex 11875)	1800-1900	Arabic#	9740 11805 17690
2000-2030	Ukrainian	NF 3975 and 11910 (ex 9565 and 11885)	1900-2000	Persian@	5860 6140 11670 11985
2030-2100	Hausa	NF 9830 and 15730 (ex 7340 and 9605)	2000-2100	Persian@	5860 9960 11960 11985
2100-2130	French	NF 12035, 17750 (ex 17755 and 15730, DEL 5985)	2000-2200	Arabic#	9615 11885
2100-2130	Creole	NF 13725 and 21555 (ex 13745 and 21540)	2100-2130	Persian@	9960 11960 11985
2200-2230	Khmer	NF 13725 (ex 13735)	2230-2330	Pashto*	5945 7430 9785
			2330-0030	Dari*	5945 7430 9785
			# Radio Free Iraq * Radio Free Afghanistan @ Radio Farda (Observer-BUL)		
			<i>Radio Marti</i> , after debuting on 6050kHz yesterday, is now on 6040kHz, having left a jammer behind from when heard earlier at 0645z. 6030 & 5980 remain unchanged. (Paul Ormandy-NZ)		

# Pirate Radio Report

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

## Vote Now, Or It Will Be Too Late!!

The voting ends for your favorite pirate station on June 20<sup>th</sup> so if you haven't voted yet, please do so now. Just send me your favorite pirate that has been active in the past year or so, and if you have a pirate you love to hate, send us your least favorite station as well. Will newcomer Dr. Benway of **Undercover Radio** take the honors? Perhaps Allan Maxwell of **KIPM** will reign supreme? Maybe James Brownyard of **WHYP** and his loyal following will come through. It's up to you. Vote!

## European Pirate Crackdowns

Alfred of **Alfa Lima International** informs us that the Dutch PTT authorities have started a crackdown on pirate radio stations in Holland. Some stations have been raided, mace has been used on station ops and equipment seized. Alfa Lima has shut down temporarily and hidden their equipment until things settle down.

There is also a report from Ireland that the authorities are cracking down on pirate activity as well. There is very little pirate activity there at the moment but those who operate FM stations will be in jeopardy. We wish all ops good luck with the pirate police.

*Thanks to the following for their loggings:* Scott Barbour-NH, Joe Wood-TN, George Zeller-OH

**Grasscutter Radio** continues his rock music shows, greeting listeners as they post their logs in the ACE Loggings Section of the Free Radio Network [www.frn.net]. Last heard on 5-27/28 on 6925 kHz USB from 2337 past 0045 UTC. Just look for the guy with the southern accent with a lot of "yeah manns"! [Ed]

**Iron Man Radio** (via **WHYP** relay) on 6925 kHz from 2340-0005 sign off on May 12th. "Summer of Love" type mx w/ Ozzy talking to the Birmingham, UK crowd via the Black Sabbath "Reunion" concert b/w songs.


Scruffy Swab w/ Belfast drop info, Big Brother and the Holding Company w/ "One good man" before s/off. [Barbour-NH]

**Undercover Radio** was noted on May 27<sup>th</sup> from 0235 tune in with talks by William S. Burroughs, station IDs, and the Merlin mail drop [Box 293, Merlin, Ontario NOP 1W0, Canada] given for reception reports. Signal was good, but reverb/echo made reception a little difficult. Email: Undercoverradio@mail.com. [Ed.]

**Vudu Radio** was heard on 6925 USB from 0152-0300 sign off on May 26th with an SIO of 242. Program of rock music w/occasional IDs by OM, most of which I missed. But there was a clear Voodoo Radio ID at close. Mentioned a Post Office Box that I did not copy, but it could have been in Nebraska, and thus I am guessing that it might be Elkhorn. This one would have been an unid. if it were not for the clear ID at close. [Zeller-OH]

**WHYP** aka **The James Brownyard Memorial Station** was heard on 6925 kHz in the AM mode on 21 May from 0258-0310+ (UTC). Very good signal with little QRN or QRM. Ravi Brownyard with hellos to DXers, Thanksgiving 2001, and announcements. [Wood-TN]

**WMFQ-Where's My F---In' QSL**. Noted on 6925 kHz in the AM mode on May 17<sup>th</sup>. 0229-0247+ (UTC) with a SINPO of 44333. Heavy overdubbing and echo effects throughout the broadcast. Chanted IDs at 0229, 0223, and 0246. Address of POB 28413, Providence RI 02908 USA. Songs included "Midnight at the Oasis" and a Beatles montage. A little fading at times. [Wood-TN]

**WMPR/Micro Power Radio** was heard on 6955 AM from 0224 sign on to 0310 sign off on May 24<sup>th</sup> with an SIO 454. Normal program from them of mainly techno-rock mx, some instrumental and some vocal. OM/YL WMPR-6955 IDs several times. At close, "Thank you for tuning in to WMPR, Micropower Radio." No address as usual. [Zeller-OH] 

# QSL Report

Sam Barto • 47 Prospect Place • Bristol, CT 06010

Thank you Mr. D'Angelo for listening to Voice of Biafra International Broadcast on short wave radio. We do not have QSL cards now, but please accept this and remember that we have moved to Frequency: 7380 kHz or 41 meterband on Saturdays between 2100-2200 UTC.

Thank you.

Chima Osondu.

Voice Of Biafra International  
733 15th St NW  
Suite 700  
Washington DC 20005

PH: 202 347-2983.

E-mail:

[biafrafoundation@yahoo.com](mailto:biafrafoundation@yahoo.com)



stickers for their "Programa Brasileiro" program in 1 mo. (Barto-CT).

**AUSTRALIA:** HCJB Voice of the Great South Land 11755 station f/up an earlier e-mail QSL with a hard copy of their standard ltr. and schedule in 51 ds. (D'Angelo-PA). 15480 f/d color "Diversion Dam at Kununurra" ltr.

**STATION NOTES:** Adventist World Radio 11880 v/s Miss Guisele Berkel-Larmorie, Listener Services. Addr: 39 Brendon Street, London W1H 5HD United Kingdom. E-mail: [letters@awr.org](mailto:letters@awr.org) Radio Afrika International 17895 v/s

Prefet Mat Mathurin Butusolua. E-mail: [mathurin54@hotmail.com](mailto:mathurin54@hotmail.com) Radio Tirana 7240 Addr: Rruga Ismail Qemali 11, Tirana, Albania. Radio Nacional de Angola 4950 Addr: Caixa Postal 1329, Luanda, Angola. LRA36 Radio Nacional Arcangel San Gabriel 15475.6 v/s Carlos Perez Arrievu, Jefe Servicio. Addr: Base Esperanza 9411, Antartida Argentina...via PLAY DX.....Sam.



NEXUS-International Broadcasting Association, Milano, Italy

Subj: Re: Reception Report

Date: 02/25/2003 3:25:26 AM Eastern Standard Time

From: [alfredo@nexus.org](mailto:alfredo@nexus.org)

To: [rdangelo3@aol.com](mailto:rdangelo3@aol.com)

File: IRRSItaly(Original).doc (30720 bytes) DL Time (48000 bps): < 1 minute  
Sent from the Internet ([Details](#))

Hi Richard,

Due to the limited funds available, we find it quite difficult to verify every report, but we send copies to NEXUS-IBA member stations mentioned and encourage listeners to send reports directly to the various stations' addresses that they hear on the air. We operate out of a 100% volunteer staff, and are fighting to keep the station on the air amid many difficulties. This is the best we can do under the present circumstances.

No problem to verify hereby your report, which is correct according to our schedule logs. Thank You again.

Take care,

73,

Alfredo

**ARGENTINA:** LRL202

Radio Diez - La Radio Mas Potente del Pais 15820 f/d cd. in EG/SP in 5 wks. for a SP rpt. Also rcvd. 2 decals and sked. (Barto-CT).

**ASIATIC RUSSIA:**

Radio Vatican 6205 via Chita f/d "Rotating Antenna" cd. w/

in 1 mo. (Craighead-KS).

**AUSTRIA:** Radio Austria International 7325 f/d "Schonbrunn Palace" cd. w/ ltr. and a fistful of stickers in 13 ds. for 1 IRC. (Barbour-NH).

**BOTSWANA:** Radio Botswana 7255 via Gabarone f/d cd. in 545 ds. (Glotsbach-NM).

**CANADA:** Voice of Vietnam 6175 via Sackville f/d cd. in 4 mo. Addr: 58 Quan St.



**Certificado de Sintonía**  
**Ondas del Pacífico**  
**PERU**



Estimado Sr. John Sgrulletta:

**Q  
S  
L**

Muchas gracias por su informe de recepción. Tenemos el gusto de confirmar su control de nuestra emisión en 6282.7 kHz de fecha 6 Noviembre 2002 a las 07:39:22.12 horas de Perú con 600 vatios de potencia.

*[Handwritten signature]*  
firma



Hanoi, Vietnam. (Wood TN).

**CHILE: Voz Christiana**  
17680 f/d "Logo" cd. w/ site in 18 ds. for SASE (used). My rpt. was sent to the Miami address. Unfortunately, the cd. was folded in half to fit the SASE. (Barbour-NH).

**CHINA, PEOPLE'S REP. OF:**  
**Fujian People's Broadcasting Station** 2340 and 4975 f/d cd. in CH in 7 wks. (Barto).

**CLANDESTINE: Voice of**

**STATION NOTES:** **Radio Jornal a Critica** 5055 v/s Rui Souto de Alencar, Director Ejecutivo. Addr: Avenida Andre Araujo 1024, Aleixo, CEP-69060 Manaus, AM, Brasil. **Radio Nova Difusora Aguidauana** 4795 v/s Joel Severino da Silva, Diretor Geral. **Radio Pioneira da Teresina** 5015 v/s Joel Silva, Diretor. **Radio Por um Mundo Melhor** 4855 Addr: Avenida Brasil 2770, CEP-35020-070, Governador Valadares, MG, Brasil. **Radio Relojo Federal** 4905 v/s Olin-do Coutinho, for Director Gerente. E-mail: radiorelojo@ig.com. br **Radio Roraima** 4875 v/s Galvao Soares, General Manager. Addr: Avenida Capitaó E. Garcez 888, Sao Francisco, Boa Vista, Brasil. E-mail: radiorr@technet.com.br **Radio Sofia Internacional** 9800 Addr: 4 Dragan Tsankov Bulv., BG-1040 Sofia, Bulgaria....via PLAY DX....Sam.



**Certificado de Sintonía**  
**Radio San Antonio de Padua**



**PERU**

Estimado Sr. John Sgrulletta:

**Q  
S  
L**

Muchas gracias por su informe de recepción. Tenemos el gusto de confirmar su control de nuestra emisión en 3375 kHz de fecha 2 Abril 2002 a las 05:02 horas de Perú con 1000 vatios de potencia.

*[Handwritten signature]*  
HNO. ROBERTO J. GONZALEZ BORTALVO  
DIRECTOR GENERAL



**Democratic Eritrea**

15670 station signed and stamped my rpt. and prepared cd. in 20 ds. for \$1.00. (D'Angelo-PA). Voice of Ethopia 7520 e-mail QSL w/ n/d in 3 ds. from: info@democracyfrontiers.org. (D'Angelo-PA).

**EGYPT: Radio Cairo** 9990 via **Kafr-Silim-Abis** p/d cd. w/ postcards and a Luxor travel brochure in 3 mo. (Barto-CT). f/d "Hall of the Kings" cd. w/schedule in 41 ds. I used the PO Box 1186 address instead of P.O. 566. It seems to work much better. (Barbour-NH).

**the trade station**

The Forge, Cranleigh, England, GU6 7BG



**3 910 0.5kW**  
**6 205 2kW**  
**12 255 0.2kW**

Thank you for your letter  
and your support.

- Broadcasting 1st-4th April; 11th August-31st December 1988 and from 19th April 1991.
- On the air to demonstrate the sort of service we would like to provide from England.
- Applications to UK Home Office for a licence since August 1986.
- Submission in response to the White Paper on Broadcasting, February 1989.
- Engineering Surrey Electronics Limited.



**FUNDAÇÃO RADIODIFUSORA DE CONGONHAS**

OM 1.020 KHZ - OT 4.775 KHZ - 82 Metros  
Praça da Bastilha, 136 - Caixa Postal 8 - Piquete - Minas Gerais - Cep 34.210-000  
Tel. (31) 3731-8000 / 3731-9961 Telex (31) 3731-1342 E-mail: congonhas@congtv.com.br

via Rich D'Angelo

Prezado Richard

Aprox. estamos devolvendo-lhe o QSL confirmando sua recepção em 09 de dezembro de 2003.

Suas informações foram muito importantes para nós. Divulgamos inclusive sua correspondência para conhecimento de nossos ouvintes. Atualmente a Rádio Congonhas opera em OT com 1 Kwatt em 1.020 KHZ e em Onda Média com 05 Kwatts na frequência de 4.775 KHZ. Esperando que possa sintonizar-nos outras vezes, aproveitamos o ensejo para agradecer-lhe e enviar-lhe nossos cumprimentos e saudações aos familiares.



**ENGLAND: British Forces Broad-**

**casting Service** 15530 p/d "BFBS Worldwide Radio Network" cd. in 50 ds. (D'Angelo-PA). same in 3 wks. (Barto-CT). 12040 p/d cd. in 49 ds. for 1 IRC. (Barbour-NH). 6135 same in 34 ds. Addr: BFBS, P.O. Box 903, Gerrards Cross, SL9 8TN, England. (Wood-TN).

**EUROPEAN RUSSIA: Radio Gard-**

**arika** 6245 via **Saint Peters burg** very nice f/d "Moika River" painting cd. w/ site and power in 34 ds. for 1 IRC. Also rcvcd. pocket calendar. v/s Paul Vinel, Engineer of Technical Service. \*

(Barbour-NH). **Tatarstan's Wave / New Century** 15105 via **Samara** f/d cd. w/ personal ltr. in 7 wks. v/s Ildus Ibatullin. He stated that he could only verify the first 10 minutes of the broadcast as the rest of the broadcast is produced by another company. (Craig-head-KS).

pany. (Craig-head-KS).

**FRANCE: Radio Jamahiriya** 17695, 17635, 15660, 15205 via **Issoudun** f/d cds. in 5 wks. (Barto-CT). 11635 and 15315 f/d cd. in 1 1/2 mo. (Barto-CT). 9415 and 11635 f/d cd. in 5 mo. (Barto-CT).

**STATION NOTES: Radio Baluarte** 6215 Addr: P. O. Box 45, Arg-3370 Puerto Iguazu, Misiones, Argentina. **Radio Argentina Al Exterior** 15345 v/s S.ra Marcela Campos, Directora / Sandro Cenci, Locutorio / Romano Martinelli, Locutorio...for the Italian Service. **Deutsche Welle** 11985 Addr: Technische Beratung, DE-50588 Colonia, Germany. **Radio Diffussion Algiers** 15160 Addr: 21 Boulevard des Martyrs, ALG-16000 Alger, Algeria...via PLAY DX.....Sam.



**FRENCH GUIANA: China Radio International** 9730 f/d "Mogao Grottoes" cd. w/



sticker, paper-cut, calendar and a personal note in 24 ds. v/s Ying Lian. (Barbour-NH). **Swiss Radio International** 11905 via **Montsinery** f/d info cd. w/ site, schedule and an emphasis on internet and satellite transmissions in 11 ds. for 1 IRC. (Barbour-NH).

*Johannes*



Bible Voice Broadcasting Network  
confirms reception of via D'Angelo  
11645 on 14<sup>th</sup> Sept. 20.02 - 20.34 UTC.

with best wishes  
Giz Thompson  
PO Box 2801  
Eastbourne  
BN21 2EQ



THE BEACH  
EASTBOURNE, EAST SUSSEX

Phone: 01323 810000 FAX: 01323 810001  
Published by John White (A.C.) Ltd, Southwick, Cornwall. Printed in England

**GERMANY (East): Bible Voice**  
Broadcasting Network 7315  
via Nauen f/d cd. in 6 wks.  
w/ schedule. (Barto-CT).  
**Deutsche Welle** 9735 via  
Nauen f/d "DTK" cd. in 1  
mo. (Barto-CT).

**GERMANY (West): Bible Voice**  
Broadcasting Network 9470  
via Julich DTK p/d ltr. in  
1 mo. (Barto-CT). 15775  
p/d ltr. w/ cd. in 2 mo.  
(Barto-CT). **Gospel For Asia**  
15680 via Wertachtal DTK

**STATION NOTES: Radio Cancao**  
Nova 4825 E-mail: radio@  
cancao-va.com. **Radio**  
**Congonhas** 4775 Addr: Pra-  
ca Da Basilica 130, CEP-  
9945 Addr: P.O. Box

36404-000 Congonhas, MG, Brasil. **Radio Santec** 9945 Addr: P.O. Box  
5643, DE-97006 Wurzburg, Germany.  
E-mail: radio-santec.com **Voice of**  
**Armenia** 4810 Addr: Alek Manukyan St.  
5, Yerevan 375025, Armenia. **Radio**  
**Australia** 21820 v/s Ian Johnson (fr:  
the Singapore site), Addr: GPO Box  
428/G, Melbourne 3001, Australia.  
**HCJB** 15480 Addr: HCJB Australia, P.O.  
Box 691/E, Melbourne 3001, VIC, Aus-  
tralia. E-mail: english@HCJB.org.au  
**Voice International** 13635 v/s Rich-  
ard Daniel, Business Service Manager.  
Addr: 2 Avian Street, Kunda Park, QLD  
4556, Australia...via PLAY DX...Sam.

QSL # 102

**CKLW**

NORTH AMERICA'S #1 MUSIC STATION

via Chris Lohkell

Confirms Your Reception of **MAY 23, 1993**

From 18:18 to 18:28 UTC, On  
7415 Kiloherz.

ltr. in 1 mo. (Barto-CT). 9940 p/d ltr. in 1 1/2 mo. (Barto-CT). 15425 cd.

Republic of GUINEA



Radiodiffusion-Télévision Guinéenne (RTG)

less conde <lessaconde@yahoo.fr>  
10/20/2002 08:59 AM

To: rdangelo@gpu.com  
cc: (bcc: Richard A D' Angelo/GPLU)  
Subject: News (R.T.G)conaky

Merci pour courrier en l'endroit de notre station la R T G.

J'ai le grand plaisir de vous faire part de notre montées sur satellite. Voici  
les paramètres d'exploitation de notre réseau:

- Satellite Intelsat 605
- Position orbitale 332,5 degrés EST
- Transpondeur 23/23
- Fréquence de réception en bande C 3.936,50MHz
- en bande L 1.213,50MHz
- Taux de symbole 4,55 M/s
- Une antenne parabolique de 3,7m de diamètre

Une fois encore merci de nous tenir informer de la qualité de réception si  
possible. Sincèrement à vous et à votre famille.

in 2 mo. (Barto).  
**Radio Afrika In-**  
**ternational** 11735  
via **United Meth-**  
**odist Church** f/d  
cd. in 2 wks. via  
the NYC address.  
v/s Donna Niemann  
and Raphael Nu-  
gent. (Barto-CT).  
**Radio Solidarity**  
**Ethiopia** 15275 via  
**Julich DTK** ltr.  
in 1 1/2 mo. (Barto).  
**International**  
**Broadcasting Bur-**  
**eau** 21690 via  
**Julich DTK** ltr.  
in 1 1/2 mo. (Barto).  
\* **Radio Ibrahim**  
9710 via **Julich**  
**DTK** "African Wo-  
men" cd. in 1 mo.  
(Craighead-KS).  
**Bayerischer Rund-**  
**Funk** 6085 f/d cd  
in 2 mo. (Barto).  
**GUAM: KSDA Adventist**  
**World Radio** 15495  
f/d "Marconi" cd.  
in 2 mo. w/ sked.  
(Barto-CT).



**RADIO RUSSIA**  
5th Yamskogo Polia St 19/21  
Moscow 125040 Russia

**ITALY: Radio  
\* Tre Net-  
work 6955**  
e-mail re-  
ply in IT  
to EG e-  
mail rpt.  
in under  
4 hours  
saying  
they only  
transmit  
on FM and  
internet  
from Mirco

Dear Richard & D'Angelo !

We are pleased to confirm your reception report dated 22.02.2001  
on the frequency of 9.489 KHZ at 03.15 - 03.57 PM UTC  
Thank you for listening to our programmes!  
Best wishes from Moscow!

Roppolo. Maybe true...maybe not. (D'Angelo-PA).

**MONGOLIA: Mongol Radio and Television** 4866 p/d ltr. w/ postcards in 2 1/2 mos. (Barto-CT).

**SEYCHELLES: Far East Broadcasting Association** 9465 f/d cd. in 3 wks. Received ltr. from FEBA stating they no longer have QSL cds. and will not verify reports from their new sites. (Craighead-KS).

**SOUTH AFRICA: British Broadcasting Corporation** 6190, 11765 and 3255 via **Meyerton SENTECH** f/d cd. in 6 wks. (Barto-CT). **Radio Ecclesia** 7205 f/d

**STATION NOTES: Full Gospel Las Palmas Church** 6715 v/s Jung Byung Sung Chung (Pastor). Addr: Yoido Full Gospel Las Palmas Church, Plaza de Augustin del Castillo 3, ES-35011

Las Palmas de Gran Canarias. E-mail: fgic@jet.es **Trans World Radio** 9495 v/s Mrs. Beth Chick. **Voice** ...

**of Vietnam** 5955 Addr: 58 Quan Su Street, Hanoi, Vietnam. **Radio Bangladesh** 7185 Addr: P.O. Box 2244, Dacca, Bangladesh. **Bhutan Broad-**

**casting Service** 6035 v/s Dhen Dup Thsering, Junior Assistant Engineer. Addr: Department of Information and Broadcasting, Ministry of Communications, P.O. Box 101, Thimpu, Bhutan. E-mail: bbsbiz@bbs.com.bt **Radio Grodno** 6040 v/s Lora Gutseva, Editor in Chief. E-mail: radiogRODNO@tut.by **La Cruz del Sur** 4875 v/s Carlos Montecinos, Director. Addr: Calle Nicaragua 1759, Casilla 1408, La Paz, Bolivia.....via PLAY DX.....Sam.

# DXer's Do It With Such Frequency It HERTZ!



"Studio Room Control" cd. in 3 wks. (Barto-CT).

**TIBET: Holy Tibet Radio / China Tibet People's Broadcasting Company** 4905 very nice f/d CH cd. w/ red ink stamp in 122 ds. for 1 IRC. (Barbour-NH).



**HRMI-Full Gospel Radio**  
1480 Khz MW-5010 Khz SW-3340 Khz SW

**TINIAN ISLAND: Radio Free Asia** 11765 p/d 2 page ltr. w/ stickers in 3 wks. (Barto-CT).

International Missions Fellowship  
P.O. Box 6321  
San Bernardino, CA 92412  
Phone: 909-466-4793  
Fax: 909-370-4862  
Email: JCFMIF@man.com

**RECEPTION REPORT CONFIRMATION**

This confirms your reception report of 25 DEC. 1996

2001  
08:25 5890 KHz 200 W

Time James F. Plante Frequency Output Power  
Director

Reaching The Nations For Christ

Only a few reports left but not enough to justify another page. Till next month....Sam.

*Sam*

**La VOZ de Misiones Internacionales de Centro America TECUCIGALPA HONDURAS**

# Net Notes

Tom Sundstrom • P.O. Box 2275 • Vincentown, NJ 08088-2275 • Fax: 609-859-3226 • trs@trsc.com  
http://www.trsc.com

Lessee... more excuses... and the fest photos are still under construction. T'was a pleasant April Sunday afternoon at the Lombardo-Brandi wedding, and I certainly wouldn't want to hack at the computer.

A Sunday morning time slot has unfortunately opened once again. A few decades ago the ANARC SWL Net held forth on 7240 in the ne USA. Time moves on, and Bob Brown, KW3F, and I eventually gave way to Dave Kirby, N1DK. Dave ran it for a whole bunch of years. I want to say 11, but I'm not sure of the number... and perhaps it really doesn't matter anymore. With a lack of on-air participation the net was put into hiatus, not to return, but Dave continued with a live Internet radio program he called Cyber Shortwave. It was a mix of radio tips, fun, and world music, that aired Sunday mornings. Listenership came from around the world, not just NA. To make a long story short, the live shows came to an end on May 25. Live365, the company providing the toys behind the audio, has raised rates and added procedures so as to make it prohibitive to continue the live component. Read more about this at [www.n1dk.com](http://www.n1dk.com) as Dave will continue old time radio shows and will have more to say about the future.

For radio amateurs in NASWA ODXA, CIDX and other ANARC clubs there is a solution to let us meet on the radio. The technology is called "voice over IP", and one of better solutions is Echolink's [www.echolink.org](http://www.echolink.org).

There is a chicken-and-question with the Internet Radio Linking Project, another VoIP system. The biggest difference between the systems is that IRLP requires the

amateur to be within radio range of an IRLP repeater, whereas EchoLink/EchoMac software lets a duly licensed amateur onto any connected repeater in the network. Unfortunately the two networks cannot talk to each other.

The conversations vary from node to node on each network. If you do not have your ham license use your scanner to listen in. Active IRLP nodes are shown with 20-minute updates at [status.irlp.net](http://status.irlp.net). The EchoLink status may be seen at [www.echolink.org/el/links.asp](http://www.echolink.org/el/links.asp).

If you are listening on a scanner in the Trenton, NJ, area, you may hear us - W2XQ - on WA3BXW-147.30 or on WB2REM-444.65 during weekday afternoon drive that may start around 3:15 pm.

**Software Updates.** Shortly after getting purchasing the iMac last fall, NASWA guru Brandi suggested I add Time Palette and EarthDesk. I'm glad I did. TimePalette is now v.5.4, and includes support for OS X [*guru points out it supports Windows too*]. Up to 12 alarms can be set for each time zone.

Are reading a newspaper on the net that give a story in the local time? Set alarms to remind you when the local news can be heard on a station that is streaming audio.

EarthDesk replaces the OS X and Classic MacOS Desktop with an ever-changing map of the world with 11 different projections.

All those *who registered* EarthDesk after April 1, 2003, will receive v.2.0 at no charge.

There is a \$5 saving if you buy TP and ED as a bundle now.

Time Palette  
[www.timepalette.com](http://www.timepalette.com)  
EarthDesk  
[.../earthdesk.html](http://.../earthdesk.html)

# Contributors' Page

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

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

The following members sent in contributions:

Frank ADEN, Boise, ID	no equipment listed
Brian ALEXANDER, Mechanicsburg, PA	NRD-545 AOR AR-7030 100' LW
Scott BARBOUR, Intervale, NH	ATS 818, RS antenna system
Jerry BERG, Lexington, MA	R8A 165' LW
Paul BROUILLETTE, Geneva, IL	Drake R8, ICF2010, 60' long wire
Rich D'ANGELO, Wyomissing, PA	Drake R8B, Lowe HF-150, DX Sloper
Mickey DELMAGE, Sherwood Park, AB	ICOM R71A, 80 m Yagi, var Beverage ant.
Jill DYBKA, Kingston Springs, TN	DX-440, G5RV
Bob FRASER, Cohasset, MA	Sony ICF-2003 ICF-SW100S 2m LW
George MAROTI, Mt. Kisco, NY	R8B, T2FD, K9AY loop, 45 m. dipole, 150' LW
William McGUIRE, Cheverly, MD	DX-380
Bob MONTGOMERY, Levittown, PA	NRD535D, R390A, HF150, SE3, active antenna
Tom PACE, Tipton, IA	Drake SW2, MFJ1022
Jim RENFREW, Byron, NY	Drake R8, LWS, Quantum Phaser
Robert WILKNER, Pompano Beach, FL	no equipment listed
Joe WOOD, Gray, TN	DX-390, Grundig Mini 100 PE, whip antenna

Sorry for the confusion but back to the old postal address of P O Box 1458, Levittown, PA 19058. Also, new email address, Rmonty23@netzero.net I will keep the other email address for a couple of months but please make note of the change. Summer has finally arrived and so have the poor conditions. Occasional breaks noted but mostly poor at my location. Time to plan vacations and work the garden. Just happy to see that winter in the history books. Hope you all have a great summer.

73,

Bob Montgomery



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### Notice:

You will get a faster email response from NASWA by using weoliver@comcast.net. The AT&T email address is still operational, but I don't check it as often.

Bill

# Tropical Band Loggings

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

- 3240 **SWAZILAND TWR \*0253-0345\*** 5/22 OC w/hand bells IS 0255; EE IDs till s/on ID & fgy anmt in listed Shona Language; rel talks with closing ID & fgy anmt 0345; fair. (D'Angelo-PA) 0305-0319 4/24. M cont. rel tlks in (pres.) Swahili. Fair/poor w/ prop. QRN (Barbour-NH)
- 3250 **HONDURAS R. Luz y Vida** 0211-0223 4/23 M SS tlks over mx, canned ID anmts; px intro, M rel tlks re Christo. Fair. (Barbour-NH)
- 3255 **S. AFRICA BBC Meyerton** 0332-0343 5/19, M BBC EE nx; poor. (D'Angelo-PA)
- 3291.2 **GUYANA V.Guyana (presumed)** 0825-0915+ 5/18 non-stop choir vocals till M talk 0839; mix of talks and different types of music including English lyric pop tunes. Fair signal but very noisy conditions made speech almost impossible to make out. Reactivation? (D'Angelo-PA)
- 3300 **GUATEMALA R.Cultural** 1006 4/24 lcl mx, M SS ID. (Dybka-TN)
- 3310 **BOLIVIA R.Mosoj Chaski** 0923-0941 4/30, W rustic vocals; M brief SS anmt 0929, then W ID & fgy anmts; more rustic vocals; fair. (D'Angelo-PA)
- 3311 **BOLIVIA Radio Mosoj Chaski** 0911 Andean folk vocals, poor (5/10 Dybka TN)
- 3320 **S. AFRICA Radio Sondergrense** 0323-0345 5/19 mixed vocals, M Afrik talks; fair signal but needed usb and narrow filter to avoid RTTY. (D'Angelo-PA) 0305-0326 5/8&9; M Afrik tlk, lite pop mx; read a list of numbers at one point, mentioned "bonus number", I assume this was a lottery? Tel.no. w/ment. Johannesburg and EE pop mx at BoH. Also noted 5/9, 0053-0108 with phone-in prg, EEG mx by Tina Turner, "Simply the best". Fair. (Barbour-NH) 0222 4/21 M Afrikaans phone calls; good but heavy RTTY QRM. (Brouillette-IL)
- 3350 **COSTA RICA REE** 0205+ 4/5 SS; nx w/field rpts re Iraq; fair w/prop. QRN. (Barbour-NH) 0224 4/21 SS discussion on Easter. (Brouillette-IL)
- 3375.1 **UNID 0226-0236** 4/21 cont pop vclsl no anmts; QRN. (Brouillette-IL)
- 3905 **PAPUA NEW GUINEA R.New Ireland** 0920-1010 4/19 Pidgin EE, lcl mx, ID's, fgy anmts; vy good. (Delmage-AB)
- 3985 **IRAN VOIRI** 0016-0034 4/29 AA Koran chants at t/in, diff M w/more chanting; fanfare 0025, M w/ tlks. Poor w/ co-channel ham chatter. (Barbour-NH)
- 4245.9 **CLAND V.of the Kurdistan Toilers** (tent) 0210-0220+4/19; vy weak w/MEmx, langtalk. (Alexander-PA)
- 4606.4 **INDONESIA RRI Serui** 1157 4/20 II, lots of mentions RRI & presumed news 1200; f/o after 1300; v.good. (Delmage-AB)
- 4747 **PERUR.Huanta-2000** presumed here in indigenous lang 1014 w/lots of spring static 4/24. (Dybka-TN)
- 4748v **PERU R.San Francisco Solano** 2357-0008 4/16 SS mx, IDs/anmts w/tel no., several ment's "Christiano" and "Santa Maria". M rel rel tlks, followed by what sounded like a radio drama? Poor w/ prop. QRN, QRM chatter. (Barbour-NH)
- 4750 **CHINA Qinghai PBS** (pres.) 2311-2326+ 4/9 CC; alt M&W tlks, mx bridges 2324 & 2326; poor; f/o; ham QRM. (Barbour-NH)
- 4755 **BRASIL R.Educacão** 0928 4/10 M PP tlk over "Miami Vice" theme mx and crowing rooster, ID during tlks, PP ballad; fair/poor. (Barbour-NH)
- 4780 **GUATEMALA R.Cultural Coatan** 0115-0135+ 4/18 tlk in lcl lang, brief mx breaks; ID 0129, SS ballads & lcl tranchera mx 0131. Weak. (Alexander-PA) 0122-0131 5/1 M SS tlk, lite mx, canned ID/anmt at BoH; poor, noisy w/lots of static. (Barbour-NH)
- 4785 **CLAND V.Iraqi People** 0045-0316\* 4/18-19 ME mx, AA tlk; nx 0100. Koran 0309. Weak-fair. //9570, 9563, 11710. I believe 4785 is a sub-harmonic of 9570? (Alexander-PA)
- 4796.66 **BOLIVIA R.Mallku Uyuni** 2355 "Radio Mallku...onda corta banda de 60 metros" into trios. (Wilkner-FL)
- 4800 **CHINA CPBS** 2239-2252 5/21 M&W Mandarin talks; brief "jingle" mx 2245, tlks continue. Lost the battle w/"sweeper", and periodic ute, QRM by 2252. Poor. (Barbour-NH)
- 4800 **LESOTHO R.Lesotho** (pres.) 2148-2207+(?) 4/9 cont. Afropops, M brief tlks 2158, more mx; tlks 2207 tho very weak, complete mess by then. Noisy w/data/ute QRM. (Barbour-NH)
- 4820 **BOTSWANA R.Botswana** \*0250-0304 5/22 familiar barnyard IS, choral anthem 0259, then by ID, s/on anmts, nx. Fair. (D'Angelo-PA) 0314 5/10 EE/FF; FF M b/w songs, Eric Clapton, "Knockin' on heaven's door", cover of Phil Collin's tune. Very good. (Barbour-NH)
- 4820 **CHINA Xizang PBS** 2253-2307 5/21 W CC tlk over instl mx "Sounds of Silence" at t/in. Jingle/fanfare mx w/tlks, traditional mx until ToH. Pips, W ID, M&W presumed language lesson, lots of repetitive words and phrases by W; poor; ID sounded very much like CNR "Zhungyang Remnin Guangbo Dientai". If I've read the WRTH listing correctly, CNR 1 is relayed from 2200-2340. (Barbour-NH)

- 4830.06 HONDURAS *R.Litoral* 0300-0501\* 4/6 SS rel px, contemporary Christian mx, EE IDs, "Search-light" rel pgm 0423-0448. SS s/off 0500 ID, closing anmts over instl mx; poor-fair. Some days they use 4830 & others 4832. (Alexander-PA)
- 4832 HONDURAS *R.Litoral* 0433-0441 4/8 SS rel mx, M talks; quick ID over mx 0439; v.good! (Barbour-NH)
- 4835 MALI *RTV Malienne* 2345-0003\* 4/18 lively highlife vocals w/FF M&W; ID, s/off anmts, marching band NA. Fair to good. (D'Angelo-PA)
- 4845 GUATEMALA *R.Ke'kchi* 0200-0310\* 4/19 SS rel mx, talk, closing anmts, long NA 0305. Poor-weak. (Alexander-PA)
- 4845 GUATEMALA *R.Ke'kchi* 1034-1045+4/5 MSS tlks, acoustic mx; fair w/het.F/out by 1045. (Barbour-NH)
- 4855 PERU *R.La Hora* 1015 5/10 mx with pan flute and male singer, M in presumed Quechuan, UTE QRM (Dybka-TN)
- 4870 INDONESIA *RRI Wamena* 1052-1210 4/20; pop mx, w/EE songs 3 to 1 over II tunes from the likes of C. Dion, B.Joel etc. ID's TOH did not mention site but the ID's during programming did mention Wamena and one even mentioned Irian Jaya (not Papua). The canned ID's had a slight echo effect. Mentions of frequencies including "FM Stereo". Signal was super with "HiFi" quality sound. (Delmage-AB)
- 4876 BOLIVIA *R.La Cruz la Sur* 1035 M SS weak, presumed 4/24. (Dybka-TN) 0936-0948+ 4/10 SS ballad at t/in, brief choral mx; M long tlk, sounds religious, past 0948. Fair w/fade, QRN. (Barbour-NH)
- 4885 BRAZIL *R.Clube do Para* 0240 4/21 M PP tlk w/reverb. (Brouillette-IL)
- 4895 BRAZIL *R.Bare* (tent) 0845-0910 5/3 M PP ballads, W b/w songs; tent ID 0904; w/definite mention "Brasil". Good mx audio, whisper quiet level and static crashes during tlk made positive ID difficult. (Barbour-NH)
- 4915 GHANA *R.Ghana, Accra* 2138-2202 4/16 EE px of classical and choral mx w/OM b/w songs. Drums/pips at ToH, TC/ID, "Its 10 o'clock, This is Radio Ghana and here is.. (announcer's name).. with the nx". Fair. (Barbour-NH)
- 4925 BRAZIL *R.Dif Taubate* 0124 4/27; ID tentative but after several nites checking this one, audio finally above noise floor and static. Px mostly slow EZL mx; all PP; listed as 1 kw; W anc 0125 sounded like ID. (Montgomery-PA)
- 4930 HONDURAS *R.Costena* 0120-0136 5/11 SS cont mx till canned ID/anmt BoH; M w/tlks and mx. Poor under QRN floor. (Barbour-NH)
- 4931 UNID 0925 5/10 M SS, Cuban type mx, rock mx. (Dybka-TN)
- 4940 VENEZUALA *R.Amazonas (pres.)* 0045-0112 4/17 SS, live mx px, M singer tlks to audience b/w songs; no ID/anmts noted. Fair. (Barbour-NH)
- 4945 BRAZIL *Em.Rural* 0825 5/10 accordion mx, M PP ID 0843. (Dybka-TN)
- 4950 ANGOLA *R.Nacional* 0240-0255 4/22 group singing to PP tlk by M & ID/fqy anmt 0248 followed by highlife music. P-F. (D'Angelo-PA) 0246 4/21 almost LAM sounding Afro hlife. M TC & ments Angola; strong, but QRN. (Brouillette-IL)
- 4960 UNID 1058 4/20 in unknown lang & mx (perhaps Andean); vy good past 1120. (Delmage-AB)
- 4985 BRAZIL *R.Brazil Central* 0730 5/10 PP ads, M DJ, pop mx w/M singer, strings. (Dybka-TN)
- 4995 PERU *R.Andina* (tent) 0950-1000 4/10 W SS, lite mx, ballads, weak and fading. M w/tent. canned ID/anmts, and crowing rooster; vy weak; barely audible after ToH. (Barbour-NH)
- 5010 DOMINICAN REPUBLIC *R.Cristal* 0329 4/16 M SS, nice SS mx; M ID as Radio Cristal 0332 during nx; heavy static, S-4 signal level. No fades heard and right on frequency. Heard mentions of Iraq and President Bush several times. (Montgomery-PA) 2323-2342 4/27 EE/SS. EE oldies, "Short shorts", "Duke of Earl", etc. SS M b/w selections. Good. (Barbour-NH)
- 5010 MADAGASCAR *R.Madagascar* 0319-0332 4/24. Similar format as noted 2 weeks ago: up-beat mx at t/in, M&W brief tlks; "Campfire" style mx w/whistling and guitar intro; W tlk, several ment's "Madagascar", same mx at outro. Several jingles and W w/ID noted. Nice signal, booming at times. (Barbour-NH)
- 5020 SOLOMON IS *SIBC* 1014-1034 4/26 island vocals, W anc, EE tlks, ID, anmts for events in Honiara. Poor in very noisy conditions. (D'Angelo-PA) 1125 4/20 BBC EE; good. (Delmage-AB)
- 5030 BURKINA FASO *R.Burkina* 2310-2357 4/18, mix of highlife vocals and rap tunes with M FF anc; W ID 2324 as "Radio Burkina"; gone 0000 re-check. Fair to good signal. (D'Angelo-PA)
- 5040 ECUADOR *LV del Upano* 1002 4/10 SS; presumed s/on routine in progress w/NA?, military style band w/chorus. M solid ID/anmt. M w/rel svc, "Santa Marias" repeated by congregation. Fair. (Barbour-NH)
- 5046.7 TOGO *R.Togo* 2330-0004\* 4/21 cont EE lyric pop tunes (James Brown and George Harrison with "My Sweet Lord," plus a few knock off selections of pop tunes by some unknown voices such as "Mother and Child Reunion, "My Way" and "Let It Be" and) until a man spoke in FF. After another brief vocal, ID & s/off anmts; orch NA; good but weak mod. (D'Angelo-PA) 5046.73 2253 4/22 M FF nx; ID presumed as usual low mod & deep fades noted. S-7 signal level. (Montgomery-PA) 5047 2244-2303 4/16 FF, hi-life mx & ballads, EE reggae; M nx ToH. No discernible ID noted. Clear the weak. (Barbour-NH)



# International Band Loggings

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

- 5915 **ZAMBIA RZ** in Vern \*0242, Fish Eagle IS, lcl relig mx, tlks, poor w/QRM Rossii (Alexander PA 4/6)
- 5985 **CONGO RTV Congolaise** Brazzaville in FR 2059, mx, 15 minutes of tlk w/lots of laughter, Afropops, more tlk, classical mx, phone-in pgm, IS at 2301\*, ID (D'Angelo PA 4/32, Barbour NH 5/10)
- 5995 **MALI RTV Malienne** Bamako in FR 2340, rap and pop mx, songs, //;4835, f (Barbour NH 4/15)
- 60102 **BRAZIL R Inconfidencia** Belo Horizonte in PT 2245, BR pops, tlks, ID, jingles, p-f (D'Angelo 4/18)
- 6015 **UNITED ARAB EMIRATES R Japan** relay in JP 2349, phone tlk, upbeat mx, tlk abt SARS, s/off at 0000\* during tlk by YL (Barbour NH 4/15)
- 6025 **DOMINICAN REPUBLIC R Amanecer** Santo Domingo in SP 0009, continuous choral style ballads, clear ID at 0020, fair w/progagation fades, QRM (Barbour NH 5/7)
- 6030 **CANADA CFVP** Calgary in EG 2300, "Broadcast News", pop mx, f (Delmage AB 4/21)
- 6035 **COLOMBIA LV del Guaviare** in SP 0935, mostly tlk, some mx, ID 1000 w/jingles, g (Berg MA 4/30)
- 6050 **NIGERIA RN Ibadan** in EG 2115, nx re elections, field rpt on security at the polls, ID (Barbour 4/15)
- 6080 **BRAZIL R Novas de Paz** Curitiba in PT 2342, soccer match w/fast talking announcer really into the game, ID under difficult copy due to side channel splatter (Montgomery PA 4/26)
- 6080 **BOLIVIA R San Gabriel** in SP 0917, YL w/tlk, flute mx, ads, ID's, relig pgm, fair w/QRM from Brazil co-channel (D'Angelo PA 4/30) ED: Apparently moved from listed 6085?
- 61049rf **MEXICO La Candela** Merida in SP 0842, reactivated apparently via XEQM xmtr, romantic and pop male vocals, phone-in, "Candela" ID's, promos, full ID 0903, good w/some fading (Berg MA 4/20)
- 6134 **BOLIVIA R Santa Cruz** in SP 0951, choir mx, many ments of Santa Cruz, f-g (Dybka TN 4/24) 1 kw.
- 6150 **SINGAPORE RSI** in EG 1051, mx sels from "All That Jazz", TC, ID at 1100, nx headlines re SARS and Iraq, regional mx re Malaysia and Indonesia, tlks by OM, p (Barbour NH 4/5)
- 6165 **CHAD R Dif Nationale** N'Djamena in FR 2220, lively hi-life vcels, NA at 2231\*, f (D'Angelo 4/18)
- 6190 **SLOVAKIA R Slovakia Int** in EG 0100, tlk re avalanche danger, radio contest, sports nx re hockey tournament, sked for SW, end of EG service 0127, g (Barbour NH 5/4)
- 6235 **ALBANIA Trans World Radio** relay in Slovak 0508, ID after IS, vg w/exc audio (Montgomery 4/21)
- 6350usb **HAWAII AFRTS** relay Pearl Harbor in EG 0745, nx re Madonna video controversy (Dybka TN 4/22)
- 6520 **NORTH KOREA V of Korea** Kujang in JP 0848\*, s/off of pgm beamed to Japan (Dybka TN 4/22)
- 7135 **MOROCCO RTV Marocaine** Tangier in AR 2344, long AR vcels, tlk between selections, ID and s/off ancmts at 2359, NA, f-g (D'Angelo PA 5/6)
- 7190 **TUNISIA RTV Tunisienne** Sfax in AR 2230, mix of AR tlks and mx, ID, fgy, nx headlines just before 2301 carrier cut, g (D'Angelo PA 4/23)
- 7205 **SÃO TOME Radio Sawa** relay in AR 2329-0015, lively AR vcels, ID 0000, EG lyric vcels, jingles, more ID's, vg signal (Montgomery PA 5/3, D'Angelo PA 5/6) Tnx to Dan Ferguson for ID on xmtr site.
- 7260 **VANUATU R Vanuatu** Port Vila in Vern/EG 0808, drum IS, tlk, nx?, pop mx, ID, fgy ancmts for SW, MW, and FM, fair (Delmage AB 4/21)
- 7260 **THAILAND R Thailand** in VT \*1100, gongs IS, ID in EG/VT, into VT pgming, changeover to pgm in Khmer at 1115, fair (D'Angelo PA 4/14)
- 7265 **GERMANY Sudwestrundfunk** at Rohrdorf in GM/EG 2335, rap and pop mx in EG, OM in GM b/w songs incl "Solid as a rock", fair w/QRM chatter from hams (Barbour NH 4/24) ED: Stn xmts 24 hrs.
- 7290 **SAO TOME VOA** relay in EG 0540, relig pgm, interview w/editor of "Biblical Archeological Review" editorial on US govt's standing on govt of Burma, promos, ID, f-g (Wood TN 4/27)
- 7320 **RUSSIA R Rossii** via Irkutsk relay in EG/RS 1137, US and RS songs, ID, f/o 1202 (Barbour NH 5/1)
- 7375 **COSTA RICA World University Network** in EG 0604, up tempo Christian mx, ID 0606 as "You're listening to Dr. Scott on the University Network", g-vg (Wood TN 4/27)
- 9425 **INDIA AIR** Bangalore in EG 1440, tlk re the role of parents and teachers in the education of children, vg signal (Delmage AB 4/21)
- 9440 **CZECH REPUBLIC R Prague** in EG 0004, rpt on Iraq, sports results, wx, ID, g (McGuire MD 4/27)
- 9500 **BULGARIA R Bulgaria** in SP 0100, IS, ID, fgy, sked, national/regional nx, f (McGuire MD 5/6)
- 9525 **ASCENSION ISLAND BBC** relay in SP \*0000, IS, Big Ben, ID, Latin Am service, p (McGuire 5/6)
- 9565 **BRAZIL R Tupi** Curitiba in PT 0752, long relig tlk, brief mx, //9720 (Dybka TN, D'Angelo PA)
- 9595 **JAPAN R Tampa** Tokyo in EG/JP 0946, continuous US pop rx by the Beach Boys, YL w/pips, IS & ID at 1000, radio drama/soap opera, // 6055 clear but weak (Barbour NH 5/3)
- 9665 **MOROCCO R Free Europe** relay in Kazakh \*0100, ID in EG, heavy QRM by VOR\* (McGuire 4/18)

- 9665 **MOLDOVA** *V of Russia* relay in EG \*0100, IS, NA, ID, nx, //11825 Vatican relay (Fraser MA 4/14)
- 9700 **THAILAND** *R Thailand* in EG 1243, nx items, frequent ments of Iraq war, Thai culture pgm, tlks re victory over the war on drugs, ID 1253, abrupt s/off at 1259 (Montgomery PA 4/14)
- 9745usb **BAHRAIN** *R Bahrain* in AR 2030-2130, apparently reactivated station, primarily mx pgming, pips at ToH and ID "Idhaat mamlakat al Bahrain", nx w/mx bridges, f/with QRM 9750 (Maroti NY 4/24-26)
- 9755 **FRANCE** *China R Int* relay in EG \*0400, IS, ID, nx, rpt on SARS epidemic, f (McGuire MD 4/27)
- 9820 **INDIA** *AIR Panaji* in Sinhala 1305, Hindi mx, OM w/tlks, g, //15050 Delhi, p (Barbour NH 4/9)
- 9830 **JORDAN** *R Jordan* in AR 1843, radio drama, pips, ID at 1900, nx re Iraq/Saddam (Barbour NH 4/9)
- 9870 **AUSTRIA** *RAI Moosbrunn* in EG 0130, waltz mx, ID, rpt on kidnapping tourists in Algeria, good sig (McGuire MD 5/5)
- 9875 **LITHUANIA** *R Vilnius* Sitkunai in EG 2335, tlk re cost of auto injuries on the Lithuanian economy, excellent copy, abrupt s/off 2359 (Delmage AB 4/19)
- 9885 **NEW ZEALAND** *RNZI* in EG 1134, rpts on upcoming South Pacific Games to be held in Suva and entertainment nx re Oscar awards, g (Barbour NH 4/5)
- 11570 **PAKISTAN** *RP Islamabad* in CH 1202, Ko'ran at t/in, tlks, ballads, f/o 1218, //15070 (Barbour 4/9)
- 11670 **IRAN** *VOIRI* Kamalabad in EG 2000, cmntry at US as ruthless super-power, g (Fraser MA 4/14)
- 11690v **RWANDA** *FEBE* relay via Kigali in Tigray 1746, tlks, Horn of Africa style mx, ID, address & fone # "What a Friend we Have in Jesus" IS, fair signal w/RTTY QRM (Barbour NH 5/6)
- 11690 **LITHUANIA** *R Vilnius* in EG 0036, nx items re Lithuania and Baltic States and possible entry to EU, ID, sked, local mx in Lithuanian lang, s/off 0100, g (Barbour NH 5/3)
- 11690 **CANADA** *Deut Welle* relay Sackville in GM 2305, rpt on Iraq, nx, ID, G (McGuire MD 4/18)
- 11695 **GERMANY** *Deut Welle* Wertachtel in AR 2111, nx of Iraq w/mx inserts, ID (Wood TN 4/20)
- 11775 **ANGUILLA** *University Network* in EG 1754, tlk by Dr. Scott on Roswell UFO (Brouillette IL 4/18)
- 11800 **ITALY** *RAI Rome* in EG 0058, feature on Red Cross aid in Iraq, g (Fraser MA 4/14)
- 11820 **POLAND** *R Polonia* Warsaw in EG 1205, ID, tlks re Iraq, local nx including vandalism by kids, spray painting on walls can bring \$120 fine, poor modulation, f/o after 1225 ID (Montgomery PA 4/14)
- 11825 **VATICAN STATE** *V of Russia* relay in EG 0101, ID, national nx, mentioned PLO (McGuire MD 5/5)
- 11860 **IRAN** *VOIRI* Sirjan in EG 2003, anti-US/pro EU cmntry regarding "imperialistic war mongering", ID, rpt on democracy in the Middle East, f-p w/splatter from VOA 11855 (Barbour NH 4/9)
- 11905 **FRENCH GUIANA** *Swiss R Int* relay in EG 2331, "Swiss national missing in Algeria, cmntry re preparations for G-8 Summit, nx on Iraq war, f (Barbour NH 4/9)
- 11925 **PORTUGAL** *Deut Welle* relay in EG \*0500, IS, ID, rpt on Colin Powell's trip to Syria and Lebanon, fair reception (McGuire MD 5/4)
- 11935 **CHINA** *CPBS* Beijing in CH 2156, Taiwan Service w/CH instrum'l mx, ID 2200, nx, abruptly left air at 2203 -either technical problems of antenna change?, weak but clear (D'Angelo PA 5/9)
- 11960 **TURKEY** *V of Turkey* in EG \*2200, IS, ID, fgy, website, pips, rpt on Iraq, press review, "Outlook" cmntry (McGuire MD 4/18, Brouillette IL 4/5)
- 12000 **TURKEY** *V of Turkey* in EG \*2200, fgy, skeds, nx of Greek PM and Turkey's desire to help rebuild Iraq, mx pgm featuring Turkish composers, g-vg (Wood TN 4/20)
- 12020 **VIETNAM** *V of Vietnam* Hanoi in EG 1230, ID, YL w/tlk re weapons of mass destruction not being found in Iraq yet, tlks re JP company starting production facility in VT, fair (Montgomery PA 4/14)
- 12040 **UKRAINE** *RUI* Simferopol in EG 0005, political nx, Iraq cmntry, ID (McGuire 5/4) 1000 kw xmtr
- 12045nf **CHINA** *CPBS* Xi'an in CH \*1030, ID, nx, mx sel, CH lang features, fair signal basically dominating co-channel R Rossi (D'Angelo PA 4/26)
- 12050 **EGYPT** *R Cairo* in AR 1822, Koran w/long pauses between verses, f (Brouillette IL 4/18)
- 12060 **MADAGASCAR** *Radio V of Hope* relay in EG/Sudanese 0441, interviews re activities in Sudan w/mx interludes of Afro pop mx, into Sudanese at 0450, several ID's, p-g signal (Wood TN 5/10)
- 12095 **ASCENSION ISLAND** *BBC* relay in EG 2202, feature "The World Today" (Dybka TN 4/27)
- 13675 **UNITED ARAB EMIRATES** *R Dubai* in AR/EG 0320, AR tlks and mx until 0330 when pgm in EG commenced, nx, "Islam and the Arabs in the West", f-g with co-chan QRM (D'Angelo PA 4/20)
- 13685 **AUSTRALIA** *Voice International* relay Darwin in EG 1318, contemporary relig mx, tlks re Bibles in China, contact info, website etc, ID (Barbour NH 5/2, Dybka TN 4/24)
- 13690 **UNITED KINGDOM** *R Vlaanderen* Int relay via Skelton in EG 1936, tlk on business in Belgium and possible ban on cruise control (sic), weak but clear (Brouillette IL 4/18)
- 13760 **UNITED KINGDOM** *British Forces Broadcasting Services* via Merlin relay in EG 1941, local nx from south of England, London transit system, promo, TC, live soccer, abruptly off 1959 (Brouillette IL 4/18)
- 13855nf **ICELAND** *AFRTS* relay Reykjavik in EG 1915, USB xmsn, "Car Talk" featuring the Pep Boys, ID, Paul Harvey "nx", news from various US major networks (Berg MA, Montgomery PA, Barbour NH)

- 15065nf **PAKISTAN R Pakistan** in EG/Vern \*1558, brief xmsn, IS, classical mx, political nx, tlk on aid to Iraq, relations w/Sri Lanka, no ID before 1616 s/off, fair w/QRN and fading (Barbour NH 4/19)
- 15140 **PORTUGAL RPI** Lisbon in PT 1155, ID, pgm details, pips 1200, more tlks, f (Montgomery PA 4/27)
- 15150 **INDONESIA V of Indonesia** Jakarta in EG 2043, subcont mx, website for RRI Overseas Service, more local ballads, nx headlines re relations w/Russia, SARS etc., sked at s/off 2102, f-g (Barbour NH 4/21)
- 15150 **UNITED KINGDOM British Forces Broadcasting Service** via Merlin relay in EG 1743, UK comedy troupe w/live audience, lots of skits, s/off 1800 sharp, fair signal w/fades (Barbour NH 4/4)
- 15185 **ECUADOR HCJB** Quito in EG 2035, review of Table Talk magazine, f (Fraser MA 4/21)
- 15295 **MALAYSIA V of Malaysia** Kajang in CH 1149, ballads/pop mx, tlks, weak but audible, co-chan QRM at 1200 w/sign on of Radio Tashkent (Barbour NH 4/9)
- 15310 **THAILAND BBC** relay in EG 1628, econ nx re cost of Iraq war, ID, "Talking Point" (Barbour 4/4)
- 15345 **ARGENTINA RAE** Buenos Aires in SP 2335, ID, pgm re tango composer (Dybka TN 4/26)
- 15565 **NETHERLANDS ANTILLES RVI** Belgium relay via Bonaire in EG 2248, feature re toy museum, interview of curator, pipe organ mx, ID, QTH, folk song, s/off 2259, exc signal (Wood TN 5/5)
- 15605 **RUSSIA FEBA** relay via Samara relay in Vern/Bangla 1337, tlks w/brief mx sels, distinct IS "What a Friend we Have in Jesus" at 1346 and lang changeover, poor w/QRN (Barbour NH 4/18)
- 15745nf **SRI LANKA SLBC** Colombo in EG \*0025, open carrier followed by drums and group singing to 0027 5+1 pips 0030, ID, brief nx, non-stop EG pop mx standards, poor w/deep fades (D'Angelo PA 4/19)
- 17560 **SPAIN REE** Noblejas in AR 2138, Spanish classical mx w/cmtry, Sa/Su only, g (Brouillette IL 4/13)
- 17565 **USA V of Greece** relay Greenville, NC in GK 2130, Cuban/LAM mx, //17705 (Brouillette IL 4/13)
- 17630 **FRENCH GUIANA R France Int** relay in SP 2123, FR lang lessons for SP speakers (Brouillette 4/13)
- 17660nf **UNITED KINGDOM AWR** relay via Wooferton in Ibo lang 1932, ID, QTH for Nigeria, relig tlks, ID and contact info, tlk re "7th Day Adventist Choir" and mx from choir, f (Barbour NH 4/8)
- 17785 **MOROCCO VOA** relay in FR 1945, DJ playing good mix of 50's "Dowop" mx, g-vg (Wood TN 5/4)
- 17815 **BRAZIL R Cultura** São Paulo in PT 2223, DJ hosting ballads, f-g w/VOA splash (Brouillette IL 4/12)
- 17820nf **GERMANY R Canada Int** relay via Wertachtel in AR 1936, tlks abt "John Williams" along with EG clips from presumed Mr. Williams, g (Wood TN 5/4)
- 178352v **EL SALVADOR R Imperial** in SP 2145-0045+, relig vcls, OM preaching, L Am pops & salsa mx, IDs slogan "es viva" (Delmage AB, Renfrew NY, D'Angelo PA, Dybka TN, Brouillette IL, Barbour NH)
- 17850 **COSTA RICA REE** Spain relay in SP 2150, SP opera mx, cmntry pgm "La Zarzuela", nice cultural feature, exc (Brouillette IL 4/12)
- 17860 **CANADA ORF** Austria relay via Sackville in FR/EG 1500-1528, show tunes in both langs including the theme from "The Man of La Mancha" and "DoReMi sung by YL, vg (Wood TN 5/18)
- 17875 **AUSTRIA R Africa Int'l** relay in EG/FR 1513-1532, tlk, ID in FR w/police siren, mx mix, Afro pops in EG, techno instrum'l, FR ballad, EG dance mx, good sig w/some fades (Barbour NH 4/19)
- 21590 **NETHERLANDS ANTILLES R Nederland** relay in EG 1900, tlk on world's water supply, portions of "Aural Tapestry" and "Dutch Horizons", ID 1930, f-g (Aden ID 4/15, Wood TN 5/4)
- 21605 **UNITED ARAB EMIRATES R Dubai** in EG 1339, OM/YL w/items on Islam and life of Mohammed, signal was faint but in the clear (Wood TN 4/19)
- 21655 **PORTUGAL RDP** Lisbon in PT 1945, lite pop mx, 3 pips at 2000 and s/off

### Clandestine, Tentative, Presumed, or Unknown

- 6115 **PERU(p) R Union** Lima(p) in SP 0737-0805, SP pop mx, DJ b/w songs, theme from "Grease", too Much QRN to get positive ID, good sig but f/o at TOH (Barbour NH 4/25)
- 6165 **CROATIA(?) Croatian R(?)** in CR(?) 2239-2300\*, non-stop mx featuring mainly EG lyrics, no ancmts but 2 short tones and 1 long tone before s/off, f (D'Angelo PA 4/22) ED: HFCC lists 2300 CR s/off.
- 7460 **CLANDESTINE Radio Payam-e-Doost** (Iran) in Farsi \*0225, startup mx, trumpet fanfare, clear ID, mostly tlks by YL and OM, few vcls, off at 0315 (Berg MA, D'Angelo PA) ED: HFCC shows relay via Kishinev, Moldavia on 7460 from 0230-0315 with power of 500 kw.)
- 9500 **SWAZILAND(p) Trans World Radio** relay(p) in EG 0522, Christian radio play (Dybka TN4/26)
- 9820 **CHINA(p) CPBS** Xi'an(p) in CH 2108, CH ballads, quick ID? b/w songs, flutes (Barbour NH 4/22)
- 11700 **CHINA(p) China R Int'l** Kunming(p) in IN(p) 1120, CH classical mx, f/o 1127 (Fraser MA 4/19)
- 11770 **MEXICO(p) XERMX** Mexico City(p) in SP 2322, Fusion type jazz, brass instruments mx, partial ID at 2328 as "XE...Radio Mexico Int'l", f-g (Wood TN 4/26)
- 11785 **INDONESIA(p) V of Indonesia** Jakarta(p) 2020, DJ playing Western style mx in EG and Vern, also Mid-East type mx, partial ID at 2028, req rpts, nx, addresses?, skeds, f-p (Wood TN 5/11)
- 11965 **CLANDESTINE ?** in African lang? 1807, nx pgm w/field rpts, lots of ments of NKPP and Nigeria (Brouillette IL 4/18)

- 13590 PALAU(p) *KHBN Voice of Hope*(p) in CH 1226, tlks in CH, brief ballad, more tlk, rapidly faded out checked 9965 for // but heard nothing, Palau listed 13590 in WRTH 2003 (Barbour NH 5/9)
- 13800 CLANDESTINE Radio International (Iran) via Norway relay? in Farsi 1650-1715\*, long tlk, brief mx at 1658, YL w/ID and ancmts, phone call, QTH, rap vocal, carrier cut 1715, f (D'Angelo PA 4/19)
- 17590 OMAN(p) *Radio Oman*(p) in AR 0547, Mideast mx w/strings, weak (Dybka TN 4/27) ED: Oman most likely correct assumption since it is only station listed in AR on this freq at time heard.
- 21500 CHILE(p) *R Voz Cristiana Santiago*(p) in PT? 1930, soft Christian gospel mx, weak (Aden ID 4/15)
- 29810 ARGENTINA(t) *RRRvdavia/Continent* Buenos Aires(p) in SP 1521, soccer game in progress, fast talking excited announcer, tentative ID as canned insert during play by play, f (Montgomery PA 4/13) **SW**

## On the Short Waves

Jerry Berg • 38 Eastern Avenue • Lexington, MA 02421 • [jberg@ontheshortwaves.com](mailto:jberg@ontheshortwaves.com)

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, April 20, 2003—Some new links this week under "Shortwave History On the net." Under "STATIONS," check out: Far East Broadcasting Co. <<http://www.febc.org/history.html>> This is the "history" section of FEBC's main site. Click on "FEBC Historical Highlights: 1945-1996" at the bottom of the page for an FEBC historical timeline, with many interesting photos and other graphics, including FEBC personalities, transmitters, old schedules, the FEBC fixed tuned "PM" (portable missionary) radios, etc.—Radio Normandy-II <<http://www.offshoreechos.com/radionormandie/RadioNormandy01.htm>> Tracing its history to 1923, Radio Normandy originated as a project of the Radio Club of Fecamp, France, and was an ancestor of the later free radio movement. Among many other activities, it carried the programs of the IBC (International Broadcasting Company, of Captain Plugge fame) to England. This is a wonderfully detailed site, with many pictures of equipment and other aspects of this famous early radio venture.—History of Springbok Radio <<http://pumamouse.com/springbokradio.html>> While the history here is fairly brief, and with a focus on programming, this site contains some interesting information about this station that was heard for many years on shortwave. Poke around a bit and you will find information about other South African services as well, including Radio RSA.—And under "POST-WAR SHORTWAVE": WNYW <<http://www.ibcworks.net/radio68.htm>> Earlier known as WRUL, WNYW brought a private U.S. "sound" to the international airwaves. Long time broadcast professional and SW hobbyist Lou Josephs worked for the station for a time, and offers some interesting audio cuts and samples of WNYW memorabilia, along with some other material about Radio Sweden, the Swiss Shortwave Service, and other topics.

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, April 27, 2003—Under "Articles, Research, etc.," "Full Text Articles," [www.ontheshortwaves.com](http://www.ontheshortwaves.com) co-producer and webmaster John Herkimer has authored "The WPE Monitor Registration Program," a description of the origins of the program with much long-forgotten information and many interesting graphics. If you had (or have) a WRO/WPE/WDX SWL card, how about sending John a scan of it so he can include it with his article? His E-mail address is [jherkimer@ontheshortwaves.com](mailto:jherkimer@ontheshortwaves.com)

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, May 4, 2003—Under "Articles, Research, etc.," several new Voice of America items: under "Full-Text Articles," two new VOA promotional pamphlets from the late 1950s (the bottom one was posted earlier); under "Philately," "Voice of America," two new first day cover cachets; and under "Pot Pourri," a VOA medal.

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, May 11, 2003—Under "Articles, Research, etc.," "Pot Pourri," we go inside a 1924 EKKO stamp album. If you open the cover you will find a map followed by the frontispiece and then 70 pages of EKKO stamp pages. These are followed by an alphabetical list of stations where you could enter your dial settings, then a list of stations by wavelength, and a log for entering stations heard. Finally, there is a letter from The EKKO Company explaining and promoting the virtues of EKKO stamps.

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, May 18, 2003—Under "Articles, Research, etc.," "Potpourri," a history of the Newark News Radio Club that was published in the NNRC bulletin to commemorate the club's 25th anniversary in 1952. It focussed on the club's origins from 1928 into the 1930s. We have other histories of the NNRC from later years which we will post in the future.

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, May 25, 2003—Under "Articles, Research, etc.," "Philately," two first day covers commemorating the opening of shortwave relay stations—the BBC on Ascension (1966), and the Radio Netherlands relay on Bonaire (1969). And under "Information for Collectors," "WRH," we have added scans of the covers of the 1963 and 1964 WRTH summer supplements, txn to Harold Sellers. I believe we now have scans of all the summer supplements that were published (1959-1971) **SW**.

# Company Store

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

Hi. My name is Mike Wolfson and I've taken over the "Company Store" from Bill Bergadano. For those of you who don't know me, I live in Ashland, Ohio. I'm married, have 3 children and work for the County as a city planner.

I became interested in shortwave listening in 1982. My first radio was a Panasonic RF2900. I became serious about the hobby in 1987 when I bought a Sony 2010 and joined NASWA. Since that time I've bought and sold several radios. Today my "heavy duty" radio is a Kiwa modified NRD 535d. I also use a Drake SW8, Sony 2010 and a Sony 7600g.

Over the years I have been involved in many aspects of the hobby. In 1990 I joined SPEEDX. While a member of SPEEDX, I edited the QSL Column and later wrote the Utility Logs Column. When SPEEDX disbanded, I was one of the founding members of the Worldwide Utility News (WUN) Club and briefly wrote the Government Column before becoming Membership Director. Lately, my interests have been confined mainly to program listening. I'm a member of ODXA in addition to NASWA. Along the way, I've also gone on several DXpeditions, but that's another story.

As manager of the Company Store, I'd like to see the "Store" serve as a way to help meet the SWLing needs of the membership. I for one liked the sweatshirts and t-shirts that NASWA sold in the early 90s and would like to make them available to members again. I've kicked around some other ideas as well, but am more interested in hearing what the members of NASWA would like to see the Company Store sell. If there is something in particular that you wish we had to sell please let me know either by dropping me a note at the address listed above or by e-mail to mwolfson@bright.net. I can't promise that all the ideas or suggestions will be used, but the ones that seem to be the most popular and achievable will be explored and tried out.

In the meantime, the following items are available through the Company Store. Shipping is extra.

## Publications

### *Shortwave Listening Guidebook*

by Harry Helms. A beginners guide to shortwave listening covering equipment, antennas, propagation, station profiles, utility stations, clandestines and QSLing. 315 pages.

\$19.95

+2.00 s/h US/CA  
+3.00 s/h world

### *Underground Frequency Guide*

by Donald Schimmel. An in-depth look at illegal radio communications, pirates, spies and more. Extensive frequency list. A must have for pirate and clanny fans.

\$11.00

+2.00 s/h NAM  
+3.00 s/h world

### *Joe Carr's Receiving Antenna Handbook*

A complete guide to high performance receiving antennas from longwave to the upper end of the HF band by one of the acknowledged experts in antenna theory and design.

\$19.95

+2.00 s/h US/CA  
+3.00 s/h world

### *Joe Carr's Loop Antenna Handbook*

Comprehensive but readable guide to understanding and building loop antennas for LW, MW, SW, and VHF. Includes many diagrams.

\$16.50

+2.00 s/h US/CA  
+3.00 s/h world


### *Shortwave Receivers, Past & Present*

by Fred Osterman. A very comprehensive must have book for anyone interested in buying or collecting shortwave radios covering over 770 different models. Includes amateur and commercial receiver produced in the last 55 years. Over 800 photos. 473 pages.

\$21.00

+2.00 s/h US/CA  
+3.00 s/h world

<b><i>Communications Receivers: The Vacuum Tube Era 1932-1981 (4th Edition)</i></b> by Ray Moore. Covers the golden age of vacuum tube receivers. If you think "real radios glow in the dark" you'll enjoy this book. 141 pages.	\$17.00 +2.00 s/h US/CA +3.00 s/h world
<b><i>Farrell's Confidential Frequency List (12th Edition)</i></b> Compiled by Kevin Nice. A definitive source of information about frequencies, callsigns and related information for the dedicated ute listener interested in signals from 2-30 MHz. 512 pages!!	\$24.50 +4.00 s/h NAM +8.00 air world
<b><i>Passport to Worldband Radio 2003</i></b> Considered by many to be a great source of information about shortwave stations for new or experienced listeners, frequencies in use and schedules. 592 pages.	\$18.00 +4.00 s/h NAM +8.00 air world
<b><i>World Radio and TV Handbook 2003</i></b> Long considered to be the bible for shortwave listeners. Newly revised and updated for 2003. Includes contributions by Anker Peterson, Paul Ormandy, Victor Goonetilleke, Jose Jacob, Dario Monferini and many others. 680 pages.	\$22.00 +4.00 s/h NAM +8.00 air world
<b><i>NASWA Country List and Awards Program Booklet</i></b>	\$3.00 PP US/CA \$5.25 elsewhere

Please make all checks payable in U.S. funds to "The NASWA Company Store". If you want to place an order, I'll be able to fill it for you. That's it for now. Have a good month. 

**Please notice:**

This new Company Store catalog supercedes the one on this month's back cover. Please send all orders to our new storekeeper, Mike Wolfson, and not Bill Bergadano.

**WORLD OF RADIO, CONTINENT OF MEDIA, MUNDO RADIAL  
BROADCAST SCHEDULE EFFECTIVE JUNE 1, 2003**

It always pays to check all RFPI frequencies beyond their scheduled hours.

Schedule shown is nominal, but it is not unusual for one transmitter to be down, and for programming to run up to an hour late. 15039 resumed in early

May so its hours and those of 7445 may be adjusted. For now, we show them

both at all times. For logistical reasons except weekends, RFPI repeats after 0600 appear about half an hour later than +12 or +18 hours.

**CONTINENT OF MEDIA:** a new edition, 03-03 started May 29.

**WJIE:** Operation is irregular; both frequencies are shown altho one or both may be missing. Not all times are confirmed, and often not latest show.

For latest updates see our Anomaly Alert page:

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

Days and times here are strictly UT.

Wed 2200 WOR WBCQ 7415 17495-CUSB [first airing of each edition]

Thu 2000 COM RFPI 7445 15039

Thu 2030 WOR WWCR 15825

Fri 0200 COM RFPI 7445 15039

Fri 0800 COM RFPI 7445 15039 v to 0830

Fri 1400 COM RFPI 7445 15039 v to 1430

Fri 1930 WOR RFPI 7445 15039

Fri 2115 MR WWCR 15825 [or as early as 2110]

Fri 2300 WOR Studio X, Momigno, Italy 1584 1566 87.35 96.55 105.55

Sat 0130 WOR RFPI 7445 15039

Sat 0600 WOR WWCR 5070

Sat 0730 WOR RFPI 7445 15039 v to 0800

Sat 0800 WOR WRN1 to Eu, Au, NZ, WorldSpace AfriStar, AsiaStar, Telstar 12 SA m

Sat 0855 WOR WNQM Nashville TN 1300

Sat 0930 WOR WJIE 7490 13595

Sat 1330 WOR RFPI 7445 15039 v to 1400

Sat 1530 WOR WMQM Memphis TN 1600 [week delay]

Sat 1730 WOR WINB 13570 [NEW from June 7]

Sat 1730 WOR RFPI 7445 15039

Sat 1828 WOR WPKN Bridgeport CT 89.5 [week delay]

Sat 2130 COM RFPI 7445 15039

Sat 2330 WOR RFPI 7445 15039

Sun 0230 WOR WWCR 5070

Sun 0330 COM RFPI 7445 15039

Sun 0430 WOR WRN to Europe only; webcast via

<http://www.nyhedsradioen24-7.dk/>

Sun 0530 WOR RFPI 7445 15039

Sun 0630 WOR WWCR 3210

Sun 0930 COM RFPI 7445 15039

Sun 1030 WOR WJIE 7490 13595

Sun 1130 WOR RFPI 7445 15039

Sun 1400 WOR WRN to North America, also WLIO-TV Lima OH SAP

Sun 1530 COM RFPI 7445 15039

Sun 1630 WOR WJIE 7490 13595 [often early from 1625]

Sun 1830 WOR RFPI 7445 15039

Sun 1930 WOR Studio X, Momigno, Italy 1584 1566 87.35 96.55 105.55

Mon 0030 WOR RFPI 7445 15039

Mon 0330 WOR WSUI Iowa City IA 910 [week delay]

Mon 0445 WOR WBCQ 7415

Mon 0630 WOR RFPI 7445 15039 v to 0700  
Mon 1230 WOR RFPI 7445 15039 v to 1300  
Mon 1830 WOR SIUE WEBRADIO <http://www.siue.edu/WEBRADIO/>  
Tue 1900 WOR RFPI 7445 15039  
Wed 0100 WOR RFPI 7445 15039  
Wed 0700 WOR RFPI 7445 15039 v to 0730  
Wed 0930 WOR WWCR 9475  
Wed 1300 WOR RFPI 7445 15039 v to 1330  
Wed 1830 COM SIUE WEBRADIO <http://www.siue.edu/WEBRADIO/>  
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/wormast.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, WMQM, Studio X.

WRN: <http://live.wrnr.org:8080/ramgen/live/wrnengnaeu.smi>  
or <http://live.wrnr.org:8080/ramgen/live/wrnengnaus.smi>  
RFPI via SW feed: <http://www.boinklabs.com/xfpi.html>  
RFPI direct webcast: <http://195.210.0.134:8004/listen.pls> [suspended]  
WJIE: <http://www.wjiesw.com>  
WPKN: <http://www.wpkn.org>  
WSUI: <http://wsui.uiowa.edu>  
COM via DXing.com: <http://www.dxing.com>

73, Glenn Hauser, inviting everyone to listen in!

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After a long and worthy career, Sony has finally retired the veteran ICF-2001D/2010 short wave receiver. To coincide with this event, this is now the last time I will be making available two well-known publications about this receiver.

"Get the Best from Your Sony ICF-2001D" is a 32-page booklet that covers:

- \* The 2001D family tree
- \* How to hot-rod the Sony ICF-2001D (filters, tuning range, overload, reciprocal mixing, s-meter, audio output, FM selectivity, memory wipeout)
- \* Hints and tips (battery choice, whip antenna, antenna socket, static)
- \* Questions and answers (pricing, synchronous advantage, external loop and Beverage antennas)
- \* Bibliography and useful addresses
- \* The rarely seen official specifications

"Get Even More from Your Sony ICF-2001D" is a 12-page supplement that covers:

- \* More on memory, batteries, and tape audio output
- \* Squelch
- \* Dead tuning knob
- \* Remote cassette control
- \* Binaural reception

If you are interested in having both booklets sitting proudly along side your historic Sony receiver, please e-mail me at <[steve.whitt@btinternet.com](mailto:steve.whitt@btinternet.com)>. Stock is limited so first come first served. I'm still using a 15-year old 2001D today and it's still going strong.

# Company Store

Bill Bergadano KA2EMZ • 32 Joysan Terrace • Freehold, NJ 07728 • ka2emz@cybercomm.net

All s/h charges for the following items are included unless otherwise noted.

## Publications

<b>Shortwave Listening Guidebook</b> by Harry Helms. Covers equipment, antennas, propagation, station profiles, utilities, clandestines, QSLing, etc. 315 pages.	\$18.50 +2.00 s/h US/CA +3.00 s/h world
<b>Underground Frequency Guide</b> by Donald W. Schimmel. An in-depth look at illegal radio communications; pirate, spies and so much more! Lists hundreds of frequencies. A book no pirate or clanny fan should be without!	\$17.50 +2.00 s/h NAM +3.00 s/h world
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The Journal of the  
North American Shortwave Association

ISSN 0160-1989

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