

The **NASWA** Journal

VOLUME XLII NUMBER 2

FEBRUARY 2002



Quality Receivers From Universal Radio

ICOM

R2



The ICOM R2 is a miracle of miniaturization. At only 2.3"x3.4"x1" it tunes from 500 kHz to 1310 MHz (less cellular) in AM/FM/FM-W. The R2 comes complete with two NiCad AA cells, charging tray, antenna, strap and belt clip. ***159****

✓FREE from Icom (USA customers only):
CSWVHRX Software & cable (*39** value)



R10

The R10 is a wideband communications receiver you can hold in your hand. It covers .5 to 1300 MHz (less cellular) with 1000 alpha memories, band-scope and SSB/CW. Has NB, NL, ATT and AFC. It comes with four AA NiCad cells, charger, belt clip, wrist strap and flex antenna. ***299****

✓FREE from Icom (USA customers only):
CSWVHRX Software & cable (*39** value)
● All prices shown are after mfg's coupons.
Free items require purchase of indicated product. Offers are valid to 03/31/02.
Call, or see our website to confirm prices.



R3

The R3 covers from .5 to 2450 MHz (less 816-902 MHz) in AM, FM wide, FM narrow and TV. Yes, the R3 has a built-in 2 inch TFT color TV screen. You can receive regular TV [NTSC], and you may even be able to see certain video feeds at some sporting events and ham radio "fast scan" TV. The display can also be used as a spectrum bandscope. A second mono LCD display that can be used to conserve battery life. You get a 450 alphanumeric memories, 4-step attenuator, video and audio outputs, auto power-off, a 4 position joy stick and BNC-type antenna. This radio comes with BP-206 Lithium ion battery, charger, belt clip and antenna. ***369****

PCR100



The ICOM PCR100 turns your Windows 95/98 PC into a wideband receiver. Coverage is 10 kHz to 1300 MHz (less cellular) in AM/FM-N/FM-W. Has Simple and Multi-Function screens. ***239.****

PCR1000



Hear it all with the PCR1000 Windows 3.1/95 PC receiver covering 10 kHz to 1300 MHz (less cellular) in AM/FM-N/FM-W/SSB/CW. With IF Shift, NB, CTCSS Decode, 6 Scan Modes, 3 Screens. ***349****

R75



The ICOM R75 may be the best value today in a communications receiver. It features: Twin Passband Tuning, Synchronous AM, Preamp, Timer and Keypad. Coverage is 30 kHz to 60 MHz with 1 Hz readout and 99 alpha memories. SSB reception is excellent and there are four different scan modes. ***569****

✓FREE from ICOM: UT-106 DSP Notch/NR Option
Normally *139.95, free with R75 purchase [USA only]

◆ Visit our website or request our 100 page catalog for other ICOM products.

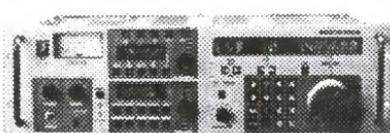
R8500

✓FREE with your ICOM R8500
"Guide to Military Monitoring" (*19** value)



The professional-grade ICOM R8500 covers 100 kHz to 1999.99 MHz (less cellular). Please see our catalog or website for the full story on this extremely versatile multimode wideband receiver. ***1449****

TEN-TEC
RX-340



The Ten-Tec RX-340 is the ultimate receiver! Advanced D.S.P. technology at under \$4000. Now in stock for immediate delivery. Please see our print catalog or online catalog at www.universal-radio.com for full technical details.

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



The 2002 Universal Radio Catalog covers everything for the short-wave, amateur and scanner enthusiasts. With informative photos and informative descriptions. **Free!**

1 800 431-3939

www.universal-radio.com

U.S.A. orders under \$100 ship for \$4.95. Under \$500 ship for \$9.95.
Except Alaska, Hawaii and Puerto Rico.

universal radio inc.

Quality Communications
Equipment Since 1942

✓ Free with required purchase to 04/30/01.
Prices shown are after mfg's coupons.
Returns are subject to a 15% restock fee.

NASWA Notes

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

During December the club successfully launched its electronic flash sheet newsletter under the editorship of veteran *Log Report* columnist **Sheryl Paszkiewicz**, spazkiewicz@yahoo.com (or P.O. Box 716 Manitowoc, WI 54221-0152 for non-electronic submissions). We are quickly approaching our 10th issue since its inception. The electronic newsletter supplements the monthly *Journal* for the timely dissemination of DX loggings and breaking news. It is only available to members. Deadlines are posted in the NASWA Flashsheet. If you are a current member of the club and want to receive the electronic NASWA Flashsheet just drop me a note with your e-mail address.

Congratulations to **Uncle Skip Arey** and **Lee Reynolds** on their recent election to the Association of North American Radio Clubs ("ANARC") Board of Directors ("BOD"). Uncle Skip returns to the board after a brief absence. It's the first time for Lee so I hope they will be gentle with him. Mark Meece was re-elected and begins his 8th year of service to the BOD. Mark is the current Chairman of the ANARC BOD. ANARC is busy receiving nominations for the annual Don Jensen Distinguished Service award. The club's ANARC Representative is Dr. Harold Cones.

Don't forget that the NASWA Company Store now carries the new *Confidential Frequency List*. This book, which details frequencies, call signs and data for the non-broadcast stations on 2-30 MHz, was recently released (12th Edition). It's in stock and **Bill Bergadano** is now shipping. It costs US\$24.95 with US\$4.00 shipping and handling in North America and US\$6.00 surface, \$8.00 air to rest of world. Visit the Company Store for all your book purchases.

Risto Vahakainu and the Finnish DX Association are welcoming all DXers, shortwave listeners, broadcasters and radio enthusiasts to attend the joint conference of the European DX Council and the Finnish DX Association to be held 16-18 August 2002 in the town of Pori, located on the west coast of Finland. The DX conferences held in Finland in 1987 and 1992 have been the biggest DX conferences ever in Europe and they are also widely regarded as maybe the best ones. The organizing committee intends to put up a similar conference providing a wide selection of items covering hard core DX on AM and FM, shortwave listening and international shortwave broadcasting. The venue is the Spa Hotel Yteri about 20 kilometers outside the town of Pori, and most items will take place in the hotel. A visit to the YLE shortwave transmitter center only 15 kilometers away is planned.

Dr. Adrian M. Peterson of Adventist World Radio ("AWR") informs us that the Forli, Italy transmitter site officially closed effective December 31, 2001. The low-powered 2.5 kw station in Forli had been on the air since 1985. The decision to cease broadcasting from the Forli site ultimately became inevitable after AWR began leasing airtime from two more powerful stations; Deutsche Telekom in Juelich, Germany, and ORF in Moosbrunn, Austria.

The time and place for the club's annual **Winter SWL Festival** is rapidly approaching. If you have not completed your registration, now would be a good time to get it done. You do not want to miss this event. Be sure to visit the club table during the festivities and enjoy the forums, hospitality room and the company of a great bunch of folks. I look forward to seeing you there in a few short weeks.

OUR MOTTO IS - "UNITY AND FRIENDSHIP"

Please don't forget that all communications for NASWA Headquarters should be directed to our Publisher/Business Manger **Bill Oliver** at the new electronic address, naswa@earthlink.net, or to the familiar 45

Wildflower Road, Levittown, PA 19057 address.

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

Editorial Note

Please note that Richard Cuff's *Easy Listening* column does not appear this month, due to time constraints. John Figliozzi's *SWL Program Guide* column takes its place this month. *Easy Listening* will return next month. 

FRENDX: Twenty Five Years Ago....

In the *Headquarters* column, M.R. Leonhardt informs members that the *Loudenboomer Report* ended with January's issue of *Frendx*. It will be replaced by *Roll Call* that featured information on new members. No reason was given for this change. However, in Glenn Hauser's "Listeners Notebook" Kim Andrew Elliott reflects on Charlie Loudenboomer's sudden departure ("Stifling the editorial content of *Frendx* because it ruffles the feathers of one or few is the same as giving NASWA a one-way express ticket to Mediocreville.) and CL himself had thoughts on his 11-year stint in *Frendx*, which ended "because a timorous club administration decided, after so many years, that ol' Charlie wasn't tame enough." Leonhardt also mentions that the possibility that there may be a new *Listeners Notebook* editor. Over 500 members took advantage of the club's *World Radio TV Handbook* offer through Perry Ferrell of Gilfer Associates that appeared in November and December. In the *Shortwave Center*, Bob Padula wrote about "DXing—Australian Style" and Sam Barto wrote about "Recording DX—Filing and Record Keeping Techniques." Ed Shaw previewed the Kenwood R-300 communications receiver. Bill Oliver noted 96 countries including Sudan reported in the *QSL Report* column. Greg Ravenhorst noted 99 reports in the *Frendx Credits* column.

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.

John Lyon <jljon@mninter.net>, 2346 Dorothy Avenue, White Bear Lake, MN 55110

Like everyone else, I've been trying to make accommodation with the termination of BBC broadcasts targeting the United States. For decades, I've gotten my news fix first thing in the morning, before going to work. That way, if the news is bad, I have time to be depressed at a leisurely rate all day long, rather than trying to concentrate it all into the evening hours. But now, reception in the central U.S. is poor at 1100 GMT. Residents of the U.K., or at least the BBC, apparently believe that the rest of the world should help fund their broadcasting facilities, with programming sold to local and satellite outlets that air it at odd and inconvenient hours. I'm certainly not the only person to see the huge irony of a business that shuts off their SW broadcasts to the U.S., and then rushes in to exploit September 11th for their own ratings—and revenue—gain.

But BBC has declined markedly in quality in the last few years. They used to be the world leader in English language programming; now they are just another commercial network, a purveyor of infotainment like NPR. Even the crown jewel, news, seems today to often be more about presentation rather than content. The medium really does seem to have become the message. In all fairness, other media conglomerates have mcdonaldized their content, too, apparently believing that the only way to make a buck—well, ok, a considerable fortune—is to program for the least educated, least sophisticated segment of the population. Rupert Murdoch was apparently right all along: what we really crave, in our heart of hearts, is mindless entertainment at the lowest common denominator. But I've found hope in the worldviews of Radio Nederland, Deutsche Welle, and Radio Australia, among others. In the past, I think we've all been too dependent on the BBC World Service and it's viewpoint.

Anyone who has listened to world news outside America could not have been surprised about an attack on American interests. As the spoiled brats of the world, our self-absorption and insensitivity to the rest of the world, and our national obsession with materialism, hardly make us popular in much of the world. After the mountain of words written and spoken about September 11th, the most trenchant comment I've heard came from—of all places—the dumbed-down BBC. The commentator said that the West (read the U.S.) needs to take a serious look at why so much of the world hates them, and Muslims need to take a look at why such extreme violence is being condoned in the name of their beliefs. And the sad thing, the commentator concluded, is that neither party seems even slightly inclined toward looking inward.

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

Our second DXpedition of the season, and eleventh overall, to French Creek State Park is now history. This DXpedition was a Monday through Wednesday affair. The crew consisted of only three of us, "Mr. Coffee" (Bob Montgomery), Ed Mauger and me. This DXpedition saw us in Cabin #6 which new one for us. The terrain behind the cabin was ideal for setting up a 500-foot antenna. Conditions the first day and evening were exceptional. Africans were everywhere and Bolivians were seemingly everywhere you turned. An outstanding opening produced 120 meter band stations from Mexico (2390 kHz) and Brazil (2379.9 kHz). Without Fred around, we had to concentrate on matters pertaining to DX since there was no TV or DVD player for entertainment. A steady rain and some windy conditions knocked over the Mr. Coffee antenna that required three guys wandering outside in the dark with one flashlight in the pouring rain to watch one guy pick the thing up. Atmospheric conditions were very good and the best we have experienced in many outings. Apparently, conditions are much better without Fred for some reason.

One of the highlights of this short duration DXpedition was Ed's "new" Hallicrafters DX-62A; listed as "scarce" in Fred Osterman's *Shortwave Receivers Past and Present*. It worked like a charm for a curbside wonder that cost next to nothing for him to obtain. With some of Bob's technical skills, the set was bench tested at the cabin making for some interesting listening.

Nothing too exciting happened. No uncontrolled fires in the cabin, snow or ice outside. However, I did notice we had much less trash than usual. After careful analysis we determined that poor propagation conditions and excessive levels of trash must be a direct result of Fred's participation in our DXpeditions.

73, Rich

Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Bob Montgomery** (Address: PO Box 1458, Levittown, PA 19058). He will forward them to the appropriate editor. Remember, Bob also distributes QSL report information and totals for the **Scoreboard** column. He can also be reached through the Internet at: RMonty3@worldnet.att.net.

Calendar Of Events

Feb 1-4 Convention. The North Otago branch of the **New Zealand Radio DX League** will hold the club's **2002 Convention** at Cam Iona from 3:00 PM Friday February 1 to Monday February 4. Further information is available from Paul Ormandy, 33 Greta Street, Oamaru 8901, New Zealand or paulorm@paradise.net.nz or check out the website (<http://radiodx.com/spdxr/>).

Feb 15 Meeting. Philadelphia Area NASWA Chapter. Kulpville Holiday Inn, Kulpville, PA at 7:30 PM. For more information contact Dan Cashin at 610-446-7831 or Internet: dcscck@aol.com.

Feb 15 Meeting. Boston Area NASWA Chapter. The Lexington Club, Rts. 4 & 225, Lexington, MA at 7:30 PM. The location is 1/4 mile west of Rt. 128, Exit 31. For more information contact Paul Graveline at 508-470-1971 or Internet: 74007.3434@compuserve.com. The URL for the BADX guys is <http://www.anarc.org/naswa/badx/>

Mar 8-9, 2002 Convention. The **15th Annual Winter SWL Festival**, sponsored by NASWA, will be held at the *Best Western—The Inn at Towamencin* (Kulpville to the rest of us), located at Exit 31 on the Northeast Extension of the Pennsylvania Turnpike, on 8th and 9th March 2002. Richard Cuff and John Figliozzi co-chair the organizational committee. It's never too early to begin planning. See you there!

Mar 8 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX) meet at the Lebanon Citizens National Bank on U.S. Route 42 in Mason at 7:00 PM. For more information contact Mark Meece at 513-743-8089 or e-mail at mmeece@siscom.net. For additional information about MONIX, check out their web site at <http://www.siscom.net/~mmeece/monix.html>

May 3-5, 2002 Annual General Meeting. The Danish Shortwave Club International will hold its **Annual General Meeting and DX Camp** at the Scout Camp Vardeborg on the weekend of May 3-5, 2002. The possibilities for DXing are ideal in the sand dunes at the West coast of Jutland. Further details later on.

Aug 16-18, 2002 Convention. The **European DX Council Conference** will be held from 16-18 August 2002 in the town of Pori, located on the west coast of Finland. Additional information about the conference will be made available through e-mail and newsgroups or can be obtained directly from Risto Hahakainu, chairman risto.vahakainu@helsinki.fi.

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

SWL Program Guide

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

Notes:

1. **Day of week abbreviations:** *D*=Daily, *S*=Sunday, *M*=Monday, *T*=Tuesday, *W*=Wednesday, *H*=Thursday, *F*=Friday, *A*=Saturday.
2. **Listings for the US-based independent commercial shortwave broadcasters** are limited to general interest programming that departs from their principal format of religious and political fare.
3. For frequencies, refer to Mark Fine's listings in December's Journal.

Morning Listening Period [1100-1700 UT]

BBC World Service (Americas stream)

1100 D World Briefing; **1105 M-F** Caribbean Morning Report; **1110 M-F** Sports Caribbean; **1115 M-F** Caribbean Magazine; **1120 D** British News; **1130 S** Arts in Action, *M-F* World Business Report, *A* World Business Review; **1145 M-H**, *A* Sports Roundup, *F* Football Extra. **1200 D** Newshour; **1205 M-F** Caribbean Business; **1210 M-F** Caribbean Morning Report; **1215 M-F** Newshour (cont'd.). **1300 D** News; **1301 S** Concert Hall; **1305 M-F** Outlook (magazine), *A* Jazzmatazz; **1330 A** People & Politics; **1345 M-F** Off the Shelf (book readings). **1400 D** News; **1405 S** Talking Point (global phone-in), *M* Meridian-Masterpiece, *T* Meridian-Screen, *W* Meridian-Music, *H* Meridian-Writing, *F* Omnibus (documentary), *A* Sportsworld (live action); **1430 M** Music Mix, *T* UK Top 20, *W/F* Westway (drama serial), *H* World of Music; **1445 W** UK Album Chart, *F* Music X-Press. **1500 D** News; **1501 S** The Alternative (music); **1505 M** One Planet (ecology), *T* Discovery (science), *W* Health Matters, *H* Go Digital, *F* Sports International, *A* Sportsworld (live action); **1530 S** Composer of the Month, *M* People & Places, *T* Essential Guide, *W* Everywoman, *H* Focus on Faith, *F* Pick of the World (BBC's best). **1600 S-F** World Briefing, *A* News; **1605 A** Sportsworld (live action);

1620 S British News; **1630 S** Reporting Religion, *M/T/H/F* Analysis, *W* From Our Own Correspondent; **1645 M-F** Sports Roundup.

China Radio International

1300 D News; **1310 S** Report on Developing Countries, *M-F* Current Affairs, *A* Global Review; **1320 S** In the Spotlight (cultural magazine), *A* Listeners' Garden; **1330 M** People in the Know (China's leading citizens), *T* Sports World, *W* China Horizons (China outside Beijing), *H* Voices from Other Lands, *F* Life in China. **1400-1500** and **1500-1600** [as 1300-1400.]

HCJB, Ecuador

1100 S Let My People Think, *M-F* Insight for Living, *A* We Kids; **1128 M-F** Money Minute; **1130 S** Encounter, *M-F* Morning in the Mountains (Christian breakfast show w/News 1131, Bible Minute 1134, Scriptural Reading 1142, Beyond the Call 1148), *A* Down Gilead Lane. **1200 S** Moody Presents, *M-F* Morning in the Mountains (cont'd. from 1130 w/News & Sports 1200, Insights 1205, Mission Network News 1224, News 1230, Church Doctor 1233, Did You Hear? 1245), *A* Adventures in Odyssey; **1230 S** The Living Word, *A* Toonz! **1300 S** Viewpoint, *M-F* Precept, *A* Toonz! (from 1230); **1313 M-F** Getting the Message; **1315 M-F** Proclaim; **1330 S** Mountain Meditations, *M-F* Family Life Today, *A* Rock Solid. **1400 S** Renewing Your Mind, *M-F* Haven. **1600 S** Message of Truth, *M-F* Renewing Your Mind, *A* Words of Hope.

Radio Australia

1100 D News; **1105 S** Correspondents' Report, *M-A* Asia Pacific (regional current affairs); **1130 S** Business Report, *M-F* Regional Sports Report, *A* Fine Music Australia (classical); **1135 M-F** Life Matters (personal & social issues). **1200 D** News; **1205 S** Country Club (country music), *M-H* Late Night Live (discussion and interviews), *F* Sound Quality

(innovative music), *A The Spirit of Things* (spiritual matters). **1300** *D News*; **1305** *S Country Club* (cont'd. from 1205), *A The Science Show*; **1310** *M-F Regional Sports Report*; **1315** *M-F The Planet* (diverse music from around the world). **1400** *D News*; **1405** *S Books & Writing*, *M-F The Planet* (cont'd. from 1315), *A New Dimensions* ("progressive" ideas). **1500** *D News*; **1505** *S Encounter* (religion in Australia), *M-F Asia Pacific* (regional current affairs), *A Melisma* (innovative music); **1530** *M Health Report*, *T Law Report*, *W Religion Report*, *H Media Report*, *F The Sports Factor*. **1600** *D News*; **1605** *S The National Interest* (Australian politics), *M Margaret Throsby* (interview and music), *T The Comfort Zone* (Australian homes/gardens/food), *W Verbatim* (oral histories), *H Hindsight* (Australian history), *F AWAYE!* (Aboriginal culture), *A Melisma* (cont'd. from 1505); **1630** *W Earshot* (Australian voices).

Radio Austria International

1530 *D Report from Austria* (magazine); **1535** *S Radio E*, *A Week in Review*; **1550** *A Listener Letters*.

Radio Canada International

1300 *M-F News*; **1310** *M-F This Morning* (magazine). **1400** *D News*; **1405** *S The Sunday Edition* (arts/ideas magazine), *M-F This Morning* (cont'd. from 1310), *A The House* (Canadian politics). **1500** *D News*; **1505** *S The Sunday Edition* (cont'd. from 1410), *M-F This Morning* (cont'd. from 1310), *A Vinyl Cafe* (humor/music); **1530** *F C'est La Vie* (life in French Canada); **1545** *M-H Out Front* (short features by independent producers). **1600** *S/A News*; **1605** *S The Sunday Edition* (cont'd. from 1410), *A Quirks and Quarks* (science).

Radio Japan-NHK World

1100 *D News*; **1110** *S Hello from Tokyo* (listener contact), *A Pop Goes Asia*; **1115** *M-F Asian Top News* (headlines from region's radio); **1125** *M Unforgettable Music Masterpieces*, *T Let's Learn Japanese*, *W Japan Music Log*, *H Brush Up Your Japanese*, *F Music Beat*. [Ends 1155.] **1400** *D News*; **1410** *S Pop Goes Asia*, *A Weekend Square*

(Japanese life); **1415** *M-F 44 Minutes* (feature magazine).

Radio Korea International

1130 *D News*; **1140** *S Seoul Report* (week in review), *M Korean Pop Interactive* (requests), *T-A News Commentary*; **1145** *T-A Seoul Calling* (magazine). **1200** *S From Us to You* (letters), *M Multiwave Feedback* (letters/DX news), *T Korea Today & Tomorrow*, *W Cultural Promenade*, *H Economic Radar*, *F Korea & Its Splendors*, *A Notes of Nostalgia* (traditional music).

Radio Netherlands

1130 *S/A News*, *M-F Newline*; **1135** *S Wide Angle* (week in review), *A Europe Unzipped*; **1155** *S The Week Ahead* (program previews), *A Insight* (commentary). **1200** *S The Sound Fountain* ("a torrent of ideas"), *M EuroQuest* (Europe in context), *T A Good Life* (development issues), *W Dutch Horizons*, *H Research File* (science), *F Documentary*, *A Roughly Speaking* (youth culture); **1230** *S Dutch Horizons*, *M Research File*, *T Music 52-15* (international music), *W Documentary*, *H The Sound Fountain*, *F A Good Life*, *A The Sound Fountain*. **1300** *S/A News*, *M-F Newline*; **1305** *S Sincerely Yours* (listener letters), *A Europe Unzipped*. [Ends 1325.] **1430-1500** [as 1130-1200.] **1500-1530** [as 1230-1300]. **1530-1600** [as 1200-1230]. **1600-1625** [as 1300-1325.]

Radio for Peace International, Costa Rica

1100 *S TUC Radio*, *M Neumaier Report*, *T-A Democracy Now!* in Exile (cont'd from 1000); **1115** *M Living Enrichment Center*; **1130** *S Continent of Media*. **1200** *S World of Radio*, *M Spiritual Awakening*, *T-A Freespeech Radio News* (Pacifica Reporters Against Censorship daily newscast); **1230** *S RFPI Mailbag*, *M One World--One Family* (Bahai program), *T/H/A Hightower Radio* (commentary), *W Radio Nation* ("The Nation" magazine), *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 Every Living Thing* (nature), *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* Earthspan (War & Peace Foundation), *W* RFPI Mailbag, *A* World of Radio. **1400 S** Alternative Radio (from 1330), *M* New Dimensions ("progressive" ideas), *T* University Forum (interviews), *W* Continent of Media, *H* WINGS (women's news), *F* RadioNation ('The Nation' magazine), *A* RFPI Mailbag; **1430 S** Far Right Radio Review, *T* Honoring Mother Earth: Indigenous Voices, *W* TUC Radio, *H* Global Community Forum (interviews), *F* A Woman's Voice, *A* Disability Radio Worldwide. **1500 S** Far Right Radio Review (from 1430), *M* Voices of Our World (Maryknoll program), *T* Honoring Mother Earth: Indigenous Voices (from 1430), *W* Living Enrichment Center, *H* Global Community Forum (from 1430), *F* A Woman's Voice (from 1430), *A* Earthspan (War & Peace Foundation); **1530 S** Peace Forum, *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** Music Medicine, *M-F* Democracy Now! in Exile, *A* CounterSpin (media analysis); **1630 A** Freespeech Radio News (repeat of Fri. newscast).

Radio Prague

1400 D News; **1405 S** Letter from Prague, *M-F* Current Affairs, *A* Readings from Czech Literature; **1410 S** The Arts, *A* Saturday Music (classical/folk/jazz); **1415 S** Mailbox, *M* Spotlight (Czech current events) or *One on One* (interview), *W* Czechs in History or *Central Europe Today*, *F* Magazine; **1420 T** Talking Point, *H* Economic Report.

Radio Sweden

1230 S In Touch with Stockholm (listener contact-1st)/Sounds Nordic (rock music-exc. 1st), *M-F* Sixty Degrees North (regional report)A Weekend (Europe magazine-1st week)/Sweden Today (2nd)/Spectrum (arts magazine-3rd)/Studio 49 (topical discussion-

4th); **1245 M** Sports Scan, *T* Close Up (profiles of Swedes-1st/3rd), *W* Money Matters, *H* Nordic Report (1st)/Green Scan (ecology-2nd)/Heart Beat (health-3rd)/The S-Files (things Swedish-4th), *F* Review of the Newsweek. [Ends 1300.] **1330-1400** and **1430-1500** [as 1230-1300.]

Voice of Russia

1500 D News; **1511 S** Sunday Panorama, *M-A* News & Views; **1520 S** Russia: People and Events; **1530 D** News in Brief; **1532 S** Kaleidoscope, *M* Folk Box, *T/H* Yours for the Asking, *W* Jazz Show, *F* Moscow Yesterday & Today, *A* Timelines; **1547** Music At Your Request. **1600 D** News; **1611 S** Moscow Mailbag, *M-F* Focus on Asia and the Pacific, *A* Newmarket; **1630 D** News in Brief; **1632 S** Russian by Radio, *M* This is Russia, *T* Moscow Yesterday & Today, *W* Audio Book Club, *H* Folk Box, *F* Songs from Russia, *A* Kaleidoscope; **1647** You Write to Moscow.

WHRI, Indiana

6040 kHz.: **1300 A** DXing with Cumbre.

9495 kHz.: **1100 A** DXing with Cumbre.

15105 kHz.: **1330 A** DXing with Cumbre.

WRMI, Florida

9955 kHz.: **1100 D** Viva Miami (magazine), **1130 M-F** Wavescan.

15725 kHz.: **1330 S** Wavescan. **1400 S** relay R. Prague (30"). **1500 S** relay World Radio Network (30").

WWCR, Tennessee

5070 kHz.: **1100 A** The Old Record Shop (vintage recordings). **1200 S** Profiles; **1205 A** This Week in Americana (antiques/collectibles). **1305 A** Rock the Universe (Christian rock music).

12160 kHz.: **1505 A** Golden Age of Radio Theatre. **1600 M** A View from Europe.

15685 kHz.: **1115 S** Ask WWCR (letters). **1200 T** World of Radio; **1210 A** A View from Europe; **1215 A** Eco Watch (ecology); **1230**

M We Believe, *A* World of Radio. **1330 H** Communications World; **1345 M** Eco Watch (ecology). **1415 A** Ask WWCR (letters).

YLE Radio Finland

1330 M-H Finland This Morning (magazine), *F-S* News; **1335 S/F** Capital Cafe (conversations), *A* Finland This Week (review); **1345 A** Starting Finnish (language course).

Evening Listening Period (2100-0700UT)

BBC World Service (Americas stream)

2100 S/A Newshour, *M-F* News; **2105 M** Discovery (science), *T* Health Matters, *W* Go Digital, *H* Sports International, *F* One Planet (ecology); **2130 M** Essential Guide, *T* Everywoman, *W* Focus on Faith, *H* Pick of the World (BBC's best), *F* People and Places. [Special service to the Caribbean on 5975, 11675, 15190 kHz.: **2105 M-F** Caribbean Report. **Special service to the Falklands** on 11680 kHz.: **2130 T/F** Calling the Falklands.] **2200 S/A** The World Today, *M-F* News; **2205 M-F** World Business Report; **2220 M-F** British News; **2230 M-F** Sports Roundup, *A* From Our Own Correspondent; **2245 M/T/H/F** Analysis, *W* From Our Own Correspondent. **2300 D** The World Today; **2330 S** Greenfield Collection (classical music), *F* Global Business, *A* Arts in Action. **0000 M** World Briefing, *T-S* News; **0001 S** Play of the Week (drama); **0005 T-A** Outlook (magazine) **0020 M** Sports Roundup; **0030 S** Arts in Action, *M* The World Today; **0045 T** Patterns of Faith (religion), *W* Radio History of the World, *H* Heart & Soul (spiritual matters), *F* What's the Problem? (advice), *A* It's a Girl! (women in societies). **0100 S/M** The World Today, *T-A* News; **0105 T** Meridian-Masterpiece, *W* Meridian-Screen, *H* Meridian-Music, *F* Meridian-Writing, *A* Omnibus (documentary); **0130 S** Reporting Religion, *T* Music Mix, *W* UK Top 20, *H/A* Westway (drama serial), *F* World of Music; **0145 S** Letter from America (Alistair Cooke comments), *H* UK Album Chart, *A* Music X-Press. **0200 S** The World Today, *M-A* News; **0205 M** Wright Around the World (musical

variety), *T* Health Matters, *W* Go Digital, *H* Sports International, *F* One Planet (ecology), *A* Discovery (science); **0230 S** From Our Own Correspondent, *T* Everywoman, *W* Focus on Faith, *H* Pick of the World (BBC's best), *F* People & Places, *A* Essential Guide. **0300 D** World Briefing; **0320 D** Sports Roundup; **0330 S** Science in Action, *M* Assignment, *T-A* World Business Report; **0345 T/W/F/A** Analysis, *H* From Our Own Correspondent. **0400 S/M** The World Today, *T-A* News; **0405 T** Just a Minute (panel game), *W* The Alternative (music), *H* Greenfield Collection (classical music), *F* Jazzmatazz, *A* Composer of the Month; **0430 S** Global Business, *M* Westway Omnibus (drama serial), *T* It's a Girl! (women in societies), *W* Patterns of Faith (religion), *H* Radio History of the World, *F* Heart & Soul (spiritual matters), *A* Write On (letters) or From Where I Stand (British views); **0445 T-A** Off the Shelf (book readings). **0500 S** News, *M-A* The World Today; **0505 S** Wright Around the World (music requests); **0530 A** Arts in Action.

China Radio International

2300-2355 [As 1300-1355.] **0100 D** News; **0110 S** Report on Developing Countries, *M-F* Current Affairs, *A* Global Review; **0120 S** In the Spotlight (cultural magazine), *A* Listeners' Garden; **0130 M** People in the Know (China's leading citizens), *T* Sports World, *W* China Horizons (China outside Beijing), *H* Voices from Other Lands, *F* Life in China. [Ends 0155.] **0300** [As 0100-0155; Ends 0355.] **0400** [As 0100-0155; Ends 0455.] **0500** [As 0100-0155; Ends 0555.]

Deutsche Welle

0100 D News; **0105 S** Talking Point (journalists), *M* Religion & Society, *T-A* Newslink (European current affairs); **0115 S** Inside Europe, *M* Arts on the Air; **0130 T** Insight (international affairs), *W* Man & Environment, *H* Living in Germany, *F* Hard to Beat: The World of Sport, *A* German by Radio. [ends 0145.] **0300 D** News; **0305 S** Saturday Review, *M* Sunday Review, *T-A* Newslink (European current affairs); **0315 S** Spectrum (sci/tech), *M* Arts on the Air; **0330 T** Insight (international affairs), *W* Man & Environment, *H* Living in Germany, *F*

Hard to Beat: The World of Sport, A German by Radio. [ends 0345.] **0500** *D* News; **0505** *S* Talking Point (journalists), *M* Religion & Society, *T-A* Newslink (European current affairs); **0515** *S* Marks & Markets, *M* COOL! (youth magazine); **0530** *T* Insight (international affairs), *W* Man & Environment, *H* Living in Germany, *F* Hard to Beat: The World of Sport, A German by Radio. [ends 0545.]

HCJB, Ecuador

0100 *S* DX Partyline, *M* Musical Mailbag, *T-A* Latin American & World News; **0110** *T-A* Studio 9 (Latin American regional report including *T* Inside HCJB, *W/F* Did You Hear? (news comment), *H* Ham Radio Today, *A* Musica del Ecuador); **0130** *S* Saludos Amigos, *M* Mountain Meditations, *T-A* A New Beginning; **0145** *T-A* A Slice of Infinity. **0200** *S* Rock Solid, *M* Hour of Decision, *T-A* Insight for Living; **0228** *T-A* Money Minute; **0230** *M* Renewing Your Mind, *T-A* Back to the Bible; **0255** *T-A* Joni and Friends. **0300** *S* Inspirational Classics (liturgical classical music), *M* The Sower, *T-A* Stories of Great Christians; **0315** *M* The Word Today, *T-A* Rendezvous (inspirational music); **0330** *S* Did You Hear (news comment), *M* Unshackled (radio's oldest drama series), *T* Let My People Think (apologetics), *W* Words for Women, *H* Adventures in Odyssey (children), *F* Book & the Spade (religion & archaeology), *A* Walkin' in the Sunshine (country music); **0345** *S* Specialized English, *W* Wonderful Words of Life (hymns), *F* Science, Scripture & Salvation. **0400-0500** [as 0100-0200.] **0500** *S* Inspirational Classics (liturgical classical music), *M* Renewing Your Mind, *T-A* Family Life Today; **0530** *S* Did You Hear (news comment), *M* Unshackled (oldest drama on radio), *T* Let My People Think (apologetics), *W* Words for Women, *H* Adventures in Odyssey (children), *F* The Book & the Spade (religion and archaeology), *A* Walkin' in the Sunshine (country music); **0545** *S* Specialized English, *W* Wonderful Words of Life (hymns), *F* Science, Scripture & Salvation.

Radio Australia

2100 *D* News; **2105** *F* Feedback (letters), *A* Australia All Over (cont'd from 1905);

2110 *S-H* AM (morning news magazine); **2130** *S* Educational series, *M* Health Report, *T* Innovations, *W* Religion Report, *H* Rural Reporter, *F* Oz Sounds (new music releases); **2145** *A* Asia Sunday. **2200** *D* News; **2205** *F* Asia Pacific Weekend Edition (regional current affairs), *A* Correspondents Report; **2210** *S-H* AM (morning news magazine); **2230** *F* AM (morning news magazine), *A* Business Report; **2240** *S* Australian Music Show (rock), *M* Music Deli (international), *T* Blacktracker (Aboriginal contemporary music), *W* Country Style, *H* Jazz Notes. **2300** *D* News; **2305** *F* Lingua Franca (about language), *A* Ockham's Razor (science issue); **2310** *S-H* Asia Pacific (regional current affairs); **2330** *S* Earthbeat (ecology), *M* The Buzz (technology issues), *T* Arts Talk, *W* Rural Reporter, *H* Media Report, *F* In Conversation, *A* Innovations (new products). **0000** *D* News; **0005** *S* The Europeans, *A* Feedback (letters/station news); **0010** *M* AWAYE! (Aboriginal culture), *T* The Science Show, *W* The National Interest (Australian politics), *H* Background Briefing (documentary), *F* Hindsight (Australian history); **0030** *A* Country Breakfast (rural life). **0100** *D* News; [Special service: **0105-0700** *S/A* Grandstand (live sports action) on 9660, 12080, 17580, 21725 kHz. only.] **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* Arts Talk. **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). **0300** *D* News; **0305** *S* Feedback (letters/station news), *A* Rural Reporter; **0310** *M-F* Regional Sports Report; **0320** *M-F* Pacific Focus (*M* business, *T* health, *W* environment, *H* sport, *F* culture); **0330** *S* Ockham's Razor (a science issue), *A* Educational series; **0340** *M* Oz Music Show (rock), *T* Music Deli (diverse world/folk), *W* Blacktracker (contemporary Aboriginal music), *H* Australian Country Style, *F* Jazz Notes. **0400** *D* News; **0405** *S/A* Pacific Focus (*S* arts, *A* environment); **0410** *M-F* Margaret Throsby (interviews and music); **0430** *S*

Arts Talk, *A* The Buzz (technology issues). **0500** *D* News; **0505** *S/A* Pacific Focus (*S* business, *A* sport); **0510** *M-F* Pacific Beat (Pacific islands magazine with regional sports report @ 0530); **0530** *S* Fine Music Australia (classical), *A* Lingua Franca (about language); **0545** *A* Business Weekend. **0600** *D* News; **0605** *S* The Europeans, *A* Feedback (letters/station news); **0610** *M-F* Regional Sports Report; **0620** *M-F* Pacific Focus (*M* business, *T* health, *W* environment, *H* sport, *F* culture); **0630** *A* Oz Sounds (new releases); **0640** *M* Oz Music Show (rock), *T* Music Deli (diverse world/folk), *W* Blacktracker (contemporary Aboriginal music), *H* Australian Country Style, *F* Jazz Notes.

Radio Austria International

0230 *D* Report from Austria (magazine); **0235** *S* Week in Review, *M* Radio E; **0250** *S* Listener Letters.

Radio Budapest

0200 *D* News; **0210** *S* DX Blockbuster; *M* Europe Unlimited (trade) or Heading for Hungary (travel) or Spotlight (culture) or And the Gatepost (letters), *T-A* Hungary Today (current events magazine). [Ends 0230.] **0330-0400** [as 0200-0230.]

Radio Bulgaria

0000 *D* News; **0010** *S* Views Behind the News, *M* Folk Studio (Bulgarian folk music), *T-A* Events and Developments (current affairs review); **0020** *T* Sports; **0025** *T-A* Timeout for Music; **0030** *A* Bulgarian Plaza (cultural magazine) or Walks and Talks (interesting places); **0035** *T-S* Keyword Bulgaria (Bulgaria and things Bulgarian), *F* Answering Your Letters; **0045** *T* Magazine Economy, *W* Arts and Artists; *H* History Club, *F* The Way We Live, *A* Radio Bulgaria Calling (for radio hobbyists). [ends 0055.] **0300** *D* News; **0310** *S* Views Behind the News, *M* Folk Studio (Bulgarian folk music), *T-A* Events and Developments; **0320** *T* Sports; **0325** *W-S* Timeout for Music; **0330** *T* Bulgarian Plaza (cultural magazine) or Walks and Talks (interesting places); **0335** *T* Answering Your Letters, *W-M* Keyword Bulgaria (Bulgaria and things Bulgarian); **0345** *S* Radio Bulgaria

Calling (for radio hobbyists), *W* Magazine Economy, *H* Arts and Artists, *F* History Club, *A* The Way We Live.

Radio Canada International

2300 *S/A* The World This Weekend, *M-F* The World at 6; **2330** *S* Inside Track (sports anthologies) *M-F* As It Happens (interviews with newsmakers), *A* Madly Off in All Directions (comedy). **0000** *D* CBC News; **0005** *S* Quirks & Quarks (science), *M* Global Village (world music); **0030** *H* Dispatches (world events in Canadian perspective). [Ends 0100.] **0200** *D* News; **0205** *S* Business Sense, *M* Maple Leaf Mailbag (w/CIDX report bimonthly); **0210** *T-A* Canada Today (current events magazine); **0235** *S/A* Canada in the World, *M/H* Spotlight (arts & culture), *T* Media Zone (journalists discuss), *W* Maple Leaf Mailbag (w/CIDX report bimonthly), *F* Business Sense. [Ends 0300.]

Radio Habana Cuba

0100 *D* International News; **0110** *M* Weekly Review, *T-S* National News; **0115** *T-S* Viewpoint; **0130** *M* Mailbag Show, *T-S* News Bulletin; **0135** *T-A* Time Out (sports); **0140** *S/W* DXers Unlimited, *T/F* Caribbean Outlook, *H* Mailbag Show, *A* Weekly Review. **0200** *D* International News; **0210** *M* Top Tens (Cuban popular music), *T-S* Spotlight on the Americas; **0215** *S* World of Stamps, *T-A* Reports and music; **0230** *M* The Jazz Place, *T-S* News Bulletin; **0235** *T-S* Reports and music. **0300** *D* International News; **0310** *M* Breakthrough (science magazine), *T-S* National News; **0315** *T-S* Viewpoint; **0330** *M* From Havana (Cuban musicians), *T-S* News Bulletin; **0335** *T-A* Time Out (sports); **0340** *S/W* DXers Unlimited, *T/F* Caribbean Outlook, *H* Mailbag Show, *A* Weekly Review. **0400** *D* International News; **0410** *M* Weekly Review, *T-S* Spotlight on the Americas; **0415** *S* World of Stamps, *T-A* Reports and music; **0430** *M* Mailbag Show, *T-S* News Bulletin; **0435** *T-S* Reports and music; **0450** *M* Cuban music. **0500** *D* International News; **0510** *M* Top Tens (Cuban popular music), *T-S* National News; **0515** *T-S* Viewpoint; **0530** *M* The Jazz Place, *T-S* News Bulletin; **0535** *T-A* Time Out (sports); **0540** *S/W* DXers Unlimited, *T/F* Caribbean Outlook, *H* Mailbag Show, *A* Weekly

Review. **0600** *D* International News; **0610** *M* Breakthrough (science), *T-S* Spotlight on the Americas; **0615** *S* World of Stamps, *T-A* Reports and music; **0630** *M* From Havana (Cuban musicians), *T-S* News Bulletin; **0635** *T-S* Reports and music.

Radio Japan-NHK World

2100 *D* News; **2110** *S* Weekend Square, *A* Pop! Goes Asia; **2115** *M-F* Asian Top News (headlines from region's radio); **2125** *M* Unforgettable Music Masterpieces, *T* Let's Learn Japanese, *W* Japan Music Log, *H* Brush Up Your Japanese, *F* Music Beat. [Ends 2159.] **0000** *D* News; **0010** *S* Hello from Tokyo (listener contact), *M* Weekend Square; **0015** *T-A* 44 Minutes (feature magazine). [Ends 0059.] **0500** *D* News; **0510** *S* Pop Goes Asia, *A* Hello from Tokyo (listener contact); **0515** *M-F* 44 Minutes (feature magazine). **0600** *D* News; **0610** *S* Weekend Square (Japanese life), *A* Pop Goes Asia; **0615** *M-F* Asian Top News (headlines from region's radio); **0625** *M* Unforgettable Musical Masterpieces, *T* Let's Learn Japanese, *W* Japan Music Log, *H* Brush Up Your Japanese, *F* Music Beat.

Radio Korea International

0200 *D* News; **0210** *S* Seoul Report (week in review), *M* Korean Pop Interactive (requests), *T-A* News Commentary; **0215** *T-A* Seoul Calling (magazine); **0230** *S* From Us to You (letters), *M* Multiwave Feedback (letters/DX news), *T* Korea Today & Tomorrow, *W* Cultural Promenade, *H* Economic Radar, *F* Korea & Its Splendors, *A* Notes of Nostalgia (traditional music).

Radio Netherlands

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* The Sound Fountain ("a torrent of ideas"), *A* A Good Life (global development); **0015** *F* From Sapphire to Laser (classical music); **0030** *S* Roughly Speaking (youth culture), *M* The Sound Fountain, *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 (week in review). [Ends 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* Roughly Speaking (European youth culture), *M* Dutch Horizons, *T* Research File (science), *W* Music 52-15 (international music), *H* Documentary, *F* The Sound Fountain ("a torrent of ideas"), *A* A Good Life (global development). [Ends 0525.]

Radio New Zealand International

2300 *S-H* Midday Report (including Rural News 2333, World Watch 2345), *F/A* RNZ News; **2312** *F* Focus on Politics, *A* This Week in Parliament; **2333** *F* The Sampler (latest CDs), *A* Spectrum (life in NZ). **0000** *D* RNZ News; **0006** *S* Film Show, *M-F* Cadenza (light classics), *A* Home Grown (NZ music, including Musical Chairs-artist feature 0030); **0030** *S* Bookmarks. **0100** *D* RNZ News; **0105** *S* Eureka! (science), *M-F* In Touch with New Zealand (music/interviews/variety), *A* Home Grown (from 0006); **0130** *S* Health or Environment Matters.

0200 *D* RNZ News; **0205** *S/A* Music feature or series, *M-F* In Touch with New Zealand (cont'd from 0105); **0235** *S* The Band Programme (brass band music). **0300** *S/A* RNZ News*, *M-F* Pacific Regional News; **0305** *S* Playhouse* (drama for radio), *A* Tagata o te Moana (Pacific culture); **0308** *M* Tagata o te Moana, *T* Top 5, *W* Pacific Report, *H* Mailbox (letters & DX news) or RNZI Talk (meet the RNZI staff), *F* Dateline Pacific; **0330** *T* New Releases, *W* Tradewinds (Pacific commerce), *H* The World in Sport, *F* Pacific Correspondent. **0400** *S/A* RNZ News, *M-F* Checkpoint (major RNZ evening news magazine); **0410** *S* Religion feature or series, *A* Best of Kim Hill (top interviews of the week). **0500** *D* RNZ News; **0507** *S* Whenua (Maori magazine), *M-F* What's Going On? (arts & entertainment calendar), *A* Focus on Politics; **0525** *A* In a Mellow Tone (jazz); **0530** *M* Letter from America (BBC), *T-H* Today in Parliament, *F* The Pacific Report; **0545** *M-F* Storytime. **0600** *D* RNZ News; **0605** *S* Future Indicative (magazine for disabled), *M* Eureka (science),

T Best of John Campbell (from weekend morning program), *W* Musical Chairs (artist feature), *H* Bookmarks, *F* Country Life, *A* Saturday Night (variety); **0630** *M* Health or Environment Matters, *H* Feature, *F* Dateline Pacific; **0635** *S* This Week in Parliament. [Some programs may be preempted by live sport at times.]

Radio for Peace International, Costa Rica

2100 *S* Voices of Our World (Maryknoll program), *M* Honoring Mother Earth: Indigenous Voices (from 2030), *T* Living Enrichment Center, *W* Global Community Forum (from 2030), *H* A Woman's Voice (from 2030), *F* Earthspan (War & Peace Foundation), *A* Far Right Radio Review (from 2030); **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* Peace Forum; **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* Music Medicine, *M-F* Democracy Now! in Exile, *A* CounterSpin (media analysis); **2230** *A* Freespeech Radio News (repeat of Fri. newscast). **2300** *S* Neumaier Report, *M-F* Democracy Now! in Exile (cont'd from 2200), *A* TUC Radio; **2315** *S* Living Enrichment Center; **2330** *A* Continent of Media. **0000** *S* World of Radio, *M* Spiritual Awakening, *T-A* Freespeech Radio News (Pacifica Reporters Against Censorship daily newscast); **0030** *S* RFPI Mailbag, *M* One World--One Family (Bahai program), *T/H/A* Hightower Radio (commentary), *W* Radio Nation ("The Nation" magazine), *F* This Way Out (lesbian/gay magazine); **0035** *T/H/A* Earthwatch (ecology); **0040** *T/H/A* Earth & Sky (astronomy); **0045** *T* Tropical Conservation Newsbureau (rainforests), *H* World Citizen's Weekly Commentary, *A* Women (UN program). **0100** *S* Making Contact, *M* Every Living Thing (nature), *T* Disability Radio Worldwide, *W* World of Radio, *H* A Public Affair, *F* Far Right Radio Review, *A* Continent of Media; **0130** *S* Alternative Radio (political/social analysis), *T* Earthspan (War & Peace Foundation), *W* RFPI Mailbag, *A* World of Radio. **0200** *S* Alternative Radio (from

0130), *M* New Dimensions ("progressive" ideas), *T* University Forum (interviews), *W* Continent of Media, *H* WINGS (women's news), *F* RadioNation ("The Nation" magazine), *A* RFPI Mailbag; **0230** *S* Far Right Radio Review, *T* Honoring Mother Earth: Indigenous Voices, *W* TUC Radio, *H* Global Community Forum (interviews), *F* A Woman's Voice, *A* Disability Radio Worldwide. **0300** *S* Far Right Radio Review (from 0230), *M* Voices of Our World (Maryknoll program), *T* Honoring Mother Earth: Indigenous Voices (from 0230), *W* Living Enrichment Center, *H* Global Community Forum (from 0230), *F* A Woman's Voice (from 0230), *A* Earthspan (War & Peace Foundation); **0330** *S* Peace Forum, *M* Perspective (UN program), *T* In the Moment, *W* Peace Forum, *H* Scope (UN program), *F* Tropical Conservation Newshour (rainforests), *A* Newmaier Report; **0345** *S/M* Hightower Report (commentary), *T-A* UN Today; **0348** *S/M* Earthwatch (ecology); **0351** *S/M* Earth & Sky (astronomy); **0355** *S/M* World Opinion (on terrorism). **0400** *S* CounterSpin (media analysis), *M* Music Medicine, *T-A* Democracy Now! in Exile; **0430** *S* Freespeech Radio News (repeat of Fri. newscast). **0500** *S* TUC Radio, *M* Neumaier Report, *T-A* Democracy Now! in Exile (cont'd from 0400); **0515** *M* Living Enrichment Center; **0530** *S* Continent of Media. **0600** *S* World of Radio, *M* Spiritual Awakening, *T-A* Freespeech Radio News (Pacifica Reporters Against Censorship daily newscast); **0630** *S* RFPI Mailbag, *M* One World--One Family (Bahai program), *T/H/A* Hightower Radio (commentary), *W* Radio Nation ("The Nation" magazine), *F* This Way Out (lesbian/gay magazine); **0635** *T/H/A* Earthwatch (ecology); **0640** *T/H/A* Earth & Sky (astronomy); **0645** *T* Tropical Conservation Newsbureau (rainforests), *H* World Citizen's Weekly Commentary, *A* Women (UN program).

Radio Prague

2100 *D* News; **2105** *S* Letter from Prague, *M-F* Current Affairs, *A* Readings from Czech Literature; **2110** *S* The Arts, *A* Saturday Music (classical/folk/jazz); **2115** *S* Mailbox, *M* Spotlight (Czech current events) or One on One (interview), *W* Czechs in History or Central Europe Today, *F* Magazine;

2120 *T* Talking Point, *H* Economic Report. [Ends 2125.] 2230-2255 [As 2100-2125.] 2330-2355 [as 2100-2125.] 0100 *D* News; 0105 *S* Readings from Czech Literature, *M* Letter from Prague, *T-A* Current Affairs; 0110 *S* Saturday Music (classical/folk/jazz), *M* The Arts; 0115 *M* Mailbox, *T* Spotlight (Czech current events) or One on One (interview), *H* Czechs in History or Central Europe Today, *A* Magazine; 0120 *W* Talking Point, *F* Economic Report. [Ends 0125.] 0200-0225 [as 0100-0125] 0400-0425 [as 0100-0125.]

Radio Romania International

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, *M* 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. [ends 2358.] 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. [Ends 0255.] 0400-0455 [as 0200-0255.]

Radio Sweden

0230 *S* Weekend (Europe magazine-1st week)/Sweden Today (2nd)/Spectrum (arts magazine-3rd)/Studio 49 (topical discussion-4th), *M* In Touch with Stockholm (listener contact-1st)/Sounds Nordic (rock music-exc. 1st), *T-A* Sixty Degrees North (regional report); 0245 *T* Sports Scan, *W* Close Up (profiles of Swedes-1st/3rd), *H* Money Matters, *F* Nordic Report (1st)/Green Scan (ecology-2nd)/Heart Beat (health-3rd)/The S-Files (things Swedish-4th), *A* Review of the Newsweek. [Ends 0300.] 0330-0400 [as 0230-0300.]

Radio Taipei International

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* Instant Noodles, *F* Taipei Magazine, *A* Groove Zone; 0230 *S* Mailbag Time, *T* Trends, *W* Confucius and Inspiration Beyond, *H* Life Unusual, *F* People; 0245 *M-F* Let's Learn Chinese (*M/W* elementary, *T/H* intermediate, *W* advanced), *A* Kaleidoscope (life in Taiwan). 0300 *D* News; 0315 *S* Great Wall Forum (discussing the mainland), *M* Taiwan Economic Journal, *T* Culture Express, *W* New Music Lounge, *H* Instant Noodles, *F* Weekend Zoo, *A* Kaleidoscope (life in Taiwan); 0330 *S* Asia Pacific, *M* People, *T* Trends, *H* Life Unusual,

F Business Chinese, *A* Maibag Time; **0345** *M-H* Let's Learn Chinese (*M/H* elementary, *T* intermediate, *W* advanced), *F* Business Chinese.

0700-0800 [as 0200-0300.]

Radio Ukraine International

0100 *D* News; **0106** *M* Hello From Kiev (listener letters/music); **0010** *T-S* Ukraine Today (magazine); **0018** *S* Baroque (the arts); **0020** *M* Music from Ukraine; **0025** *T-F* Closeup (current issues). [Ends 0155.] **0400-0455** [as 0100-0155.]

Radio Vlaanderen Internationaal

2230 *S* Radio World, *M-F* News, *A* Music from Flanders; **2234** *M-F* Belgium Today; **2238** *S* Tourism in Flanders, *M-F* Press Review; **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 rock). [Ends 2257.] **0400** *S* Music from Flanders, *M* Radio World, *T-A* News; **0404** *T-A* Belgium Today; **0408** *M* Tourism in Flanders, *T-A* Press Review; **0413** *T* Focus on Europe, *W* Green Society (ecology), *H/A* Around the Arts, *F* Economics; **0414** *M* Brussels 1043 (letters); **0418** *T* Sports, *H* Around Town, *F* International Report, *A* Tourism in Flanders; **0424** *M-A* Soundbox (Flemish rock). [Ends 0427.]

RTE, Ireland

0130 *S/M* Sportsnews; *T-A* The News at Six.

Voice of America (News Now)

0000 *T-A* World News; **0010** *T-A* Regional News; **0014** *T-A* USA News; **0018** *T-A* Sports; **0022** *T-A* Features; **0030** *T-A* World News; **0033** *T* Encounter, *W* Our World, *H* Kaleidoscope, *F* Best of 'Talk to America', *A* Press Conference USA. **0100** *T-A* World News; **0110** *T-A* Regional News; **0114** *T-A* USA News; **0118** *T-A* Sports; **0122** *T-A* Features; **0130** *T-A* World News; **0133** *A* Communications World; **0136** *T-F* Dateline (news magazine); **0145** *T-F* Science; **0149** *T-F* Business; **0154** *T-F* Feature.

Voice of America (Special English)

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.

Voice of Russia

0200 *D* News; **0211** *S* News & Views, *M* Sunday Panorama, *T-A* Commonwealth Update; **0224** *M* Russia: People & Events; **0230** *D* News in Brief; **0232** *S* Moscow Yesterday & Today, *M* Timelines, *T* Folk Box, *W* Jazz Show, *H* Musical Portraits of the 20th Century, *F* Yours for the Asking, *A* Christian Message from Moscow; **0146** *F* Music At Your Request; **0154** *H* Russia: People & Events. **0300** *D* News; **0311** *S/M/H* Moscow Mailbag, *T/F* Science & Engineering, *W/A* Newmarket (business); **0330** *D* News in Brief; **0332** *S* Songs from Russia, *M* This is Russia, *T* Kaleidoscope (Russian events), *W* Musical Portraits of the 20th Century, *H* Moscow Yesterday & Today, *F* Russian by Radio, *A* Audio Book Club (Russian lit.); **0346** *S* You Write to Moscow; **0354** *W* Russia: People & Events. **0400** *D* News; **0411** *M* Sunday Panorama, *T-S* News & Views; **0424** *M* Russia: People & Events; **0430** *D* News in Brief; **0432** *S* Kaleidoscope (Russian events), *M* Audio Book Club (Russian lit.), *T/H/A* 20th Century, *W/F* Russian history/culture. **0500** *D* News; **0511** *S/M* Musical Portraits of the 20th Century, *T/F* Moscow Mailbag, *W/A* Science and Engineering, *H* Newmarket (business); **0530** *D* News in Brief; **0532** *S/A* Timelines, *M* Jazz Show, *T* Yours for the Asking, *W* Moscow Yesterday and Today, *H* Folk Box, *F* Audio Book Club (Russian lit.); **0547** *T* Music At Your Request.

Voice of Vietnam

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. [Ends 0130.] **0230-0300** and **0330-0400** [as 0100-0130.]

WBCQ, Maine

2100 H-S Radio Caroline. **2200 S** Communications World, *M* Jean Shepherd, *W* Uncle Ed's Musical Memories, *F* Juliet's Wild Kingdom, *A* HarvZower; **2230 S** The Planet, *F* Pab Sungenis Project; **2245 M** Seldom Heard Radio. **2300 M** Seldom Heard Radio (occasional program), *A* Radio Timtron Worldwide; **2330 F** International World Beat Music. **0000 S** The Real Amateur Radio Show, *M* Le Show (humor/entertainment), *F* Goddess Irena 1 Music Show, *A* The Lost Discs Radio Show; **0030 S** Fred Flintstone Music Show, *H* World of Radio, *F* Steppin' Out of Babylon. **0100 S** A Different Kind of Oldies Show, *M* Radio New York International, *F* Everybody's Uncle, *A* Allan Weiner Worldwide. **0200 S** Marion's Attic (vintage recordings), *A* Tasha Takes Control. **0400 S** The Big Kaboom. **0500 S** Tom & Darryl (electronic media), *M-A* Amos 'n Andy. **0600 S** Tom and Darryl (electronic media-1st/3rd wk), *H* World of Radio.

WHRI, Indiana

5745 kHz.: **2200 S** DXing with Cumbre. **0100 S** DXing with Cumbre. **0600 A** DXing with Cumbre.

7315 kHz.: **0430 M** DXing with Cumbre. **0600 A** DXing with Cumbre.

7580 kHz.: **0530 A** DXing with Cumbre.

9495 kHz.: **2200 S** DXing with Cumbre. **2330 A** DXing with Cumbre.

17510 kHz.: **0300** DXing with Cumbre.

17650 kHz.: **2200 F** DXing with Cumbre; **2230 A** DXing with Cumbre.

WRMI, Florida

7385 kHz.: **0330 M** Drive In Double Feature. **0400 D** relay R. Prague, **0430 S/M** Viva Miami (magazine)

9955 kHz.: **0200 M** Viva Miami (magazine).

15725 kHz.: **2130 S** relay Kol Israel. **2200 S** Wavescan, **2230 S** Viva Miami (magazine). **2330 A** Wavescan

WWCR, Tennessee

15685 kHz.: **2100 F** Ask WWCR (letters); **2115 H** Eco Watch, *F* New Horizons (science); **2130 H** World of Radio, *A* Presidential Radio Address/Democratic Response.

12160 kHz.: **2100 H** Keen on Jazz; **2105 S** Golden Age of Radio Theatre, **2145 A** Ask WWCR (letters).

9475 kHz.: **2215 F** World of Radio.

5070 kHz.: **2300 A** Keen on Jazz. **0000 M** Into the Blue. **0105 W-F** Golden Age of Radio Theatre; **0130 A** New Horizons (science); **0145 S** Ask WWCR (letters). **0230 S** New Horizons (science); **0245 S** Ask WWCR (letters). **0300 S** Communications World; **0330 S** World of Radio. **0400 S** Spectrum (communications discussion); **0430 M** The Old Record Shop (vintage recordings). **0500 S** Cyber Line; **0530 M** New Horizons (science/technology); **0545 M** Ask WWCR (letters). **0600 S** Keen on Jazz, *T* Ask WWCR (letters).

3215 kHz.: **0300 A** World of Radio. **0405 M** Bible's Greatest Heroes; **0445 S** Money Matters. **0600 M** World of Radio; **0605 A** Rock the Universe (Christian rock music); **0630 M** Communications World. 

WWW Shortwave Listening Guide

Looking for programs to listen to? You can find what programs are on for the current hour or list programs of a desired type on a given day at the **WWW Shortwave Listening Guide** on NASweb. The data is provided by *NASWA Journal* and *Monitoring Times* columnist John Figliozzi, and comes from his book, *The Worldwide Shortwave Listening Guide*. Visit the Guide at <http://www.anarc.org/naswa/swlguide/>. 

Shortwave Center

Jerry Lineback • 506 South Lawrence Avenue • Scranton, KS 66537 • jalinebk@satelephone.com

DX Target: FEBA Radio

The Evangelical Voice from Seychelles

By Richard A. D'Angelo

Located off the coast of east Africa are the Seychelles Islands. This exotic locale is home to the Far East Broadcasting Association ("FEBA") one of two international broadcasters situated on this tropical paradise. FEBA is an evangelical inter-denominational mission motivated broadcasting organization, supported by Christian groups in Britain, Canada, Singapore, Australia and New Zealand. It provides facilities for churches and Christian organizations in the listening areas to enhance their ministry by enabling them to speak to the people in their own language by shortwave radio. FEBA is an international Christian mission broadcasting the Good News of the Gospel in more than fifty languages to thirty countries across Africa, Asia and the Middle East.

The Country

The Seychelles is an island nation scattered over an area of more than 400,000 sq. km. in the Indian Ocean off the eastern coast of Africa. The Seychelles archipelago consists of 115 islands. The Seychelles is a young Republic (it became independent in 1976) and has about 75,000 inhabitants who speak English and French, in addition to Creole. It has more natural and marine parks than anywhere else in the world.

The principal island of Mahé has a population of about 78,000. The two other islands with significant permanent populations are Praslin and La Digue. Facilities for tourism are generally well developed. Mahé, the main island, is still an unknown paradise with mountain paths that cross a grandiose

landscape in the heart of a pristine environment. The Seychelles archipelago has an abundance of fruit, plants and rare varieties of trees.

Arab navigators were the first to start trading with the Seychelles in the 9th century. They were followed by the Portuguese and the English (with a French interlude). The archipelago was used for a long time as a hideaway by buccaneers who constantly raided ships laden with spices, tea and silk. The area is also well known for magnificent fish of the Indian Ocean (over 800 species), there are also turtles and flocks of brightly colored birds. The Seychelles has an abundance of fruit, plants, and rare varieties of trees. It is the home of the famous "*coco de mer*", or double coconut which has astonishing shapes.

The Economy

A lengthy struggle between France and Great Britain for the islands ended in 1814, when they were ceded to the latter. Independence came in 1976. Socialist rule was brought to a close with a new constitution and free elections in 1993.

Since independence in 1976, per capita output in this Indian Ocean archipelago has expanded to roughly seven times the old near-subsistence level. Growth has been led by the tourist sector, which employs about 30% of the labor force and provides more than 70% of hard currency earnings, and by tuna fishing. In recent years the government has encouraged foreign investment in order to upgrade hotels and other services. At the same time, the government has moved to reduce the dependence on tourism by promoting the development of farming, fishing, and small-scale manufacturing. The

vulnerability of the tourist sector was illustrated by the sharp drop in 1991-92 due largely to the Gulf War. Although the industry has rebounded, the government recognizes the continuing need for upgrading the sector in the face of stiff international competition.

Other issues facing the government are the curbing of the budget deficit and further privatization of public enterprises. Growth slowed in 1998-2000, due to sluggish tourist and tuna sectors. Tight controls on exchange rates and the scarcity of foreign exchange have hindered short-term economic prospects. The recent events beginning on September 11, 2001 can not help the situation.

The Station

FEBA's transmitting base is in the Seychelles. The transmitting station is at Anse Etoile on the northeast coast of Mahé Island. The aerial system is built on a submerged coral reef, about a kilometer offshore. FEBA began test transmissions in 1969 and scheduled broadcasts commenced on 10 May 1970. FEBA has been broadcasting hope for the past 30 years to Africa, Asia and the Middle East. It is the station's aim that everyone should have "the opportunity to hear the Gospel."

FEBA Radio broadcasts programs in 53 languages grouped into 80 different transmission blocks and 507 programs per week. The station broadcasts for about 150 program hours per week. FEBA target areas include Afghanistan, Bangladesh, Bhutan, East Africa, Ethiopia, India, Indian Ocean Islands, Iran, Maldives, Middle East, Nepal, Pakistan, Somalia, Southern Africa, Sri Lanka, Sudan, Tibet and Zaire.

FEBA has seven regional coordinating offices in Bangalore, Delhi, Rawalpindi, Cyprus, Nairobi, Mozambique and Harare. Over 100 independent groups provide FEBA with programs for broadcast.

The majority of FEBA's programs is produced under control of the seven regional coordinators and is recorded mostly on cassette. Some programs are slowly moving to CDs before sending them to Seychelles. Some regional offices are also sending programs to Seychelles through Rapid International Links thereby bypassing long postal delays.

Personal at FEBA Seychelles consists of local residents and expatriates. About 35 local staff are employed and usually there are about 6 expatriates and their families working in the Seychelles. Activities of the station are split into three departments: Operations, Engineering and Office Services. The expatriates come mainly from Great Britain where most of its funding comes from and where FEBA maintains a headquarters in Worthing, on the south coast of England. FEBA has a council that guides the organization in its policies and long-term planning. There are 4 directors responsible for day-to-day operations.

The station is a reliable verifier of listener reception reports. Check Al Quaglieri's *Listeners Notebook* for the latest information concerning time and frequencies of transmissions. Reports in English with return postage of US\$1.00 or two International Reply Coupons can be sent to the station at the following address:

FEBA Radio

P. O. Box 234

Seychelles

Indian Ocean

Remember to send in those FEBA Radio logs to either Sheryl Paszkiewicz or Wallace Tribel for the *Log Report* and those interesting QSL verifications to Sam Barto for inclusion in the *QSL Report* column. Good luck with this DX Target.

CRI Urdu Service Turns 35!

By Wang Anjing from the Nov.-Dec. 2001 CRI Messenger

Thirty-five years, a mere moment in history, but representing the combined efforts of three generations of dedicated reporters and editors at China Radio International's Urdu Service.

The Service is mainly targeted at listeners in Pakistan and some regions of south Asia. In August, the Urdu department celebrated its 35th anniversary. Sun Lianmei, Director of the Service, talked about how the department was founded.

"The Urdu Service was set up by six graduates from Peking University, one of China's top universities. It took them four years to prepare before they went on the air, and they had to overcome a lack of manpower and materials. On August 1st, 1966, the first program in Urdu was broadcast to Pakistan, reporting information both from China and around the world."

This all happened over thirty years ago, and the founders of the Urdu Department have all retired. But the people who have taken over from them, people who joined China Radio International in the 1970s, have now become the driving force behind the Service. The Urdu Service currently has ten employees, half of whom have only recently been taken on by the station. The department is quite small when you compare it to other CRI language departments, but what it lacks in numbers, it more than makes up for in quality.

In its constant striving to improve, the department has revised its programs twice in the past two years. Although it only broadcasts for half-an-hour each day, the reporters have always tried to improve the timeliness and content of their news reports, and add more flavor to their feature programs, which were only recently introduced. Recent interviews have included top Pakistani leaders and prominent artists from the Urdu-speaking world. The Service also encourages listeners to get involved more

directly in their features programs. According to Sun Lianmei, all of these efforts have been warmly received by the Services audience, and the department is sent an increasing number of letters from its listeners every year.

"The number of listeners' letters we receive reflects the quality of our programs. All the efforts made by those working in the department are paying off. Over the past 35 years, our department has received a total of one million letters, one of the best rates in the whole radio station! In Pakistan, our listeners come from all walks of life. We've also been receiving letters from a number of Arab and African countries."

And there's another statistic that's equally worth mentioning. During the past year, the Urdu Service has registered over 300 listener's clubs. President of China Radio International, Li Dan, praised the service for its dedication to its listeners and the progress it has made.

"It's a positive figure, one that most language departments in our station also hope to achieve. It shows how well the Urdu programs are received by Listeners."

And it's not only people within CRI who realise this. The Pakistani Ambassador to Beijing, Riaz Khokhar, also echoed President Li Dan's viewpoint.

"Over the past 35 years, China Radio International's Urdu Service has made progress at an astonishing rate. Their programs are very well received by an overwhelming number of people in my country. Obvious evidence of this is the number of listeners' Clubs, which support CRI's Urdu Service in Pakistan. What's more, the number of these clubs keeps increasing."

Another diplomat who has first hand experience of the listener's clubs in Pakistan is Yi Rucheng, who was Chinese consul to Pakistan in the 1990s. He said many of his friends in Pakistan were also members of China Radio International's listeners' clubs.

He said he believes listeners have played a vital role in enhancing mutual friendship and respect between the two peoples, and he made the following suggestion to China Radio International.

"In order to improve our relations with Pakistani listeners even further, I think we should increase as far as possible the number of opportunities to get in touch with them directly. To do this, we need to expose them to more up-to-date information about China's development. If possible, CRI should invite local listeners to China."

Radio Broadcasting and the Internet

By Bruce Girard (published in the June 2001 issue of the Worldwide DX Club "DX Magazine")

While the benefits offered by the Internet are many, its dependence on a telecom infrastructure means that they are only available to a few. Radio is much more pervasive, accessible, and affordable. Blending the two could be an ideal way of ensuring that the benefits accruing from the Internet have wider reach.

More than eighty years after the world's first radio station was founded, radio is still the most pervasive, accessible, affordable, and flexible mass medium available, especially in the developing world.

Low production and distribution costs have made it possible for radio to focus on local issues, to interpret the world from local perspectives, and to speak in local languages. In Latin America, for example, while most radio is produced locally or nationally, only 30% of television programming comes from the region; with 62% produced in the United States. Quechua, a language spoken by some 10 million people in Bolivia, Ecuador, and Peru, is all but absent from the region's television screens, but in Peru alone an estimated 180 radio stations regularly offer programmes in the language.

Radio also has a developed infrastructure that must be the envy of any developing country telecom operator. In Sri Lanka, one person in 500 has access to the Internet, but

China Radio International attaches great importance to its Pakistani listeners. In order to express its gratitude, it has invited eight representatives from local listeners' clubs to China, and four CRI delegates have been sent to Pakistan.

Distance is always an obstacle for the media, especially in terms of feedback: face to face meetings are the best way to overcome this hurdle. It's the best way to cultivate understanding between CRI's reporters and its listeners, even though there may be thousands of kilometers between them.

virtually everyone has access to a radio. Bolivia has fewer than five telephone lines per hundred people in 1996, but more than 57 radio receivers per hundred. With per capita GNPs of \$800 and \$970 respectively, we should not expect that the North American model of individual access to telecommunications will enable a substantial percentage of Bolivians or Sri Lankans to gain access to the global knowledge infrastructure in the near future.

Radio has a special importance for rural and marginalised urban communities. In addition to being the only accessible mass medium, it also fulfills a role as a "community telephone" with several hours a day reserved for broadcasting personal messages, birth and death announcements, invitations to parties, ordering food and supplies from the store in the next village, calling for emergency medical assistance, and even for receiving personal medical advice from the local doctor. In many rural areas, radio is the only source of information about market prices for crops, and thus the only defense against speculators. It is used in agricultural extension programs, is a vehicle for both formal and informal education, and plays an important role in the preservation of local language and culture.

While in some parts of the world we take radio for granted, seeing it as little more than an accessory for an automobile, in others it fulfills a variety of roles: it is the only mass medium that most people have access to; it is a "personal" communications

medium fulfilling the function of a community telephone; and it is a school, the community's first point of contact with the global knowledge infrastructure.

The medium offers tremendous potential to promote development and democracy and, while many stations have squandered this potential, the contribution that has been made is significant. Relevant, interesting, and interactive radio enables neglected communities to be heard and to participate in the democratic process. And having a say in decisions that shape their lives, ultimately improves their living standards.

Telecommunications and Participation

Probably the three most important characteristics contributing to radio's strength as a medium for development are its pervasiveness, its local nature, and its ability to involve communities in an interactive communications process. The Internet is also characterized by its interactivity, and technically, its potential in this area is far greater than radio's. However, if, as many believe, better access to information, education, and knowledge would be the best stimulant for development, the Internet's primary development potential is as a point of access to the global knowledge infrastructure. The danger, now widely recognized, is that access to this infrastructure continues to require a telecom infrastructure that is inaccessible to the poor with the result that the development is increasingly a slower process in the places where it is most needed.

The excluded far outnumber the connected and even while the Internet is bringing about profound changes to the world, the vast majority of the world's population has no direct access to it (much less any influence over the nature of the changes it brings with it). On an estimated 179 million people with access to the Internet (barely 3% of the world's population), more than 80% are in North America or Europe, home to 10% of the world's population. In most developing countries, less than 1% of the population has direct access to the technology that is changing the world. With the growth of the

global knowledge economy, there is a very real danger that the ever-widening gap between the info-rich and the info-poor may obliterate any chance of a more equitable world order.

Diversity and Concentration

Switching our focus back to the media, we can see that this sector is also experiencing a series of disturbing changes, many of them brought on by the same set of factors that are behind the rise of telecom—liberalization, privatization, and technological change. However, the nature of the changes is significantly different. While liberalization and privatization have created new opportunities for new players in the telecom sector, for radio the increased competition often simply means a larger number of stations chasing after the same number of potential listeners, and the same slice of the national advertising expenditure pie. There may be new players, but there are no new markets.

Thus, while for telecom operators, the solution has been to expand into new markets and offer new services, for broadcasters the only obvious option is to reduce expenses by producing cheaper programming or by sharing production costs over a network, at the expense of local content and alternative perspectives.

In many broadcast markets, the drive to reduce or rationalize expenses has led to increased concentration of ownership and control. Seeking to spread production costs over an even greater number of stations, larger networks buy up independent stations and smaller networks and then use relatively inexpensive digital satellite technologies to link them all together. In the United States, for example, this tendency has been so marked that even the FCC has expressed concern.

In South America, hundreds of radio stations that began broadcasting when the sector was liberalized in the early 1990s, have since become part of national and even international networks. In Peru, for example, three satellite networks, broadcast-

ing from the capital via repeater stations throughout the country, have more audience share in the provinces than the 40 largest provincial stations put together. In Argentina and Brazil, the national multimedia empires of El Clarin and O Globo have built satellite radio networks that have transformed hundreds of independent local radio stations into repeater stations offering programmes produced in the national capital. The economies of scale enjoyed by these networks mean that the programming is of high technical quality, but the cost is the loss of choice, of local information, and of alternative perspectives.

It is ironic that the convergence, liberalization, and privatization that were expected to open the broadcast spectrum to competition and greater diversity of voices, are in fact bringing about a broadcast environment increasingly characterized by concentration of ownership and control in fewer hands and the exclusion of local and alternative voices. At the same time, the benefits offered by the Internet are only available to a few. As valuable as they are, no telecenter or call center will ever be able to reach so many so easily as radio can. If radio continues its decline, and the Internet continues to rise, the gap between those who have knowledge and information and those who do not will grow.

By way of example, local radio stations in rural communities often broadcast the prices paid in various national markets for agricultural products produced in the community. This enables farmers to grow the crops that will provide them with the best return, to sell their crops in markets that pay well, and to avoid being defrauded by wholesale buyers and speculators. If the local radio station's programming is replaced by network programming from the capital, the need for price information for local crops may be ignored. At the same time, there are a number of well-intentioned donor-supported projects to put this information on the Internet. Since speculators from the city are far more likely to have access to the technology, the end result may be better informed speculators and more vulnerable farmers. However, if the local radio station has access

to the Internet, and thus a cheap way of gathering information about prices in national markets, then it will be able to make sure the information gets to the farmers. In this case, radio is the best way of covering the last mile of the telecommunications infrastructure.

Blending Radio with Internet

None of this is to take away from the value of the Internet and the necessity of expanding it in whatever way possible—direct connection from home or office, telecenters, and commercial call centers offering email access are essential. Over the past few years a number of experiments have begun to develop ways of blending independent local radio and the Internet. These were presented and discussed at a conference—*Converging Responsibility: Broadcasting and the Internet in Developing Countries*—held in Kuala Lumpur in September 1999. Some of these projects have sought to introduce more diversity and a democratic environment into radio programming by using the Internet as a distribution network among independent broadcasters for news and programmes. Examples of this type of experiment include: two projects in Indonesia, Kantor Berita Radio 68H—www.isai.or.id and Local Radio Meeting Point.—www.un.or.id/unesco/localradio/frontpage.htm; the Panos Institute's Banque de Programmes on Line, located in Mali with correspondents in twenty francophone African countries—www.oneworld.org/panos_audio/; and Latin America's Agencia Informativa Pulsar—www.pulsar.org.ec.

Others, such as Sri Lanka's Kotmale Community Radio—www.kirana.lk, seek to address the problem of the growing gap between the info-rich and info-poor by providing collective access to the knowledge resources available on the Internet, using the radio as a sort of people's gateway making the Internet's resources available to rural and marginalised communities. Links to various sites and articles concerned with broadcasting and the Internet in developing countries can be found at <http://www.comunica.org.kl/docsnlinks.htm>. 

Adrian Peterson's Diary

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

Wireless Backgrounds in Samoa

It was very early in the wireless era that a spark gap Morse Code station was established at Apia on the main island of Upolu. At the time, Western Samoa was a German colony, and the transmitter was a newly designed Telefunken unit with the "singing spark" technology.

However, soon after the commencement of the European War in 1914, New Zealand troops landed in Samoa, captured the islands and the radio station also. From then onwards, this maritime station in the Samoan Islands was on the air under the callsign VMG.

Wireless broadcasting came to Samoa, at least temporarily, way back in the pioneer eras. It happened this way.

A New Zealander, Mr. E. R. Plominski of 32C in Christchurch, was granted a radio broadcasting license for a station in Apia in 1931. It would seem that he sold this license soon afterwards to a newly formed company, the Apia Radio Corporation.

This new station was soon afterwards inaugurated with 5 watts on 940 kHz under the callsign ZL5ZA. However, station 5ZA was on the air for less than two years and it was closed on March 31, 1933.

For a period of more than 10 years, Western Samoa was without its own radio station, though it was possible during the hours of darkness to hear stations located on the Pacific rim. Soon after the end of the Pacific War, another New Zealander enters the picture. He was the noted Alan Roycroft who went on afterwards to radio fame in Hawaii as the engineering director for many of their mediumwave stations.

Alan Roycroft was stationed in Apia with ample free time to pursue a radio dream. He modified a 300 watt auxiliary aircraft beacon in Apia so that it could be switched from one operation to another. On the longwave channel 450 kHz it was on the air as an aircraft beacon with the continuous broadcast of the letters "AP" in Morse Code, and on mediumwave 630 kHz it was on the air as radio broadcasting station ZMAP.

Roycroft also set up an auxiliary studio in his hotel bedroom for his unofficial though highly appreciated radio station. He played music records, carried live broadcasts of band concerts on the hotel veranda, and read news bulletins into the microphone. However, this impromptu and short-lived radio broadcasting station highlighted the need for a regular station in Samoa, and the governor made such a request during his next visit to New Zealand. Thus was born the now very familiar radio station 2AP.

Apia in Western Samoa has been on the air shortwave during three different eras. When the mediumwave station was established in 1946, a shortwave transmitter fed the programming from the studio building by the seashore on the edge of Apia to the mountain top transmitter some seven miles distant. This feeder transmitter was on the air on 7700 kHz under the callsign ZMB6.

This unique feeder service was heard back in 1946 by three well known DXers in the United States: Roger Legge, Mr. Dilg, and August Balbi. Transmitter AMB6 is shown as emitting 2 kW, but it is suggested that this was in reality probably just 200 watts.

A second era of shortwave broadcasting in Western Samoa began in 1951 with the installation of a 200 watt transmitter, perhaps the same unit that was in use earlier as a feeder transmitter. Radio personnel from New Zealand worked on the installation of this unit, and on several occasions test broadcasts were announced and then postponed. These test broadcasts finally went to air in August 1953.

A new QSL card was printed for the occasion with the callsign 2AP in large red letters and the text in black on a white card. This transmitter was never in use for regular relays of broadcast programming. Two channels were allocated, 6040 kHz and 3241 kHz, though only 6040 was reported as heard overseas.

A third era of shortwave broadcasting from Samoa began to appear on the horizon when 2AP announced that plans were in hand for the installation of a shortwave transmitter during the year 1990. However, we have no reference anywhere in our files that this station was ever operative.

In 1994, the noted DX reporter William Matthews arranged a special relay of radio station 2AP in his DX Report from Radio Korea International. This relay took place

on February 20, 1994 and it was heard worldwide in the shortwave relay stations carrying KBS programming. Special QSL cards were issued from Apia by station 2AP for this unique relay.

Mediumwave station 2AP has been on the air from five different locations, from the nearby mountain height Afiamatu, and with low power from three different regional locations. They are currently on the air with two units of 10 kw, with English on 540 kHz and Samoan on 747 kHz.

Is it possible to hear the radio station in Samoa these days? Well, yes and no. If you happen to live in close proximity to the Pacific Ocean and if you have a long beverage antenna, you could hear this station. If you live in a nearby island area or in Australia or New Zealand, you can hear this station on a good mediumwave receiver. If you were to take vacation to the Pacific, then you could hear this station also.

Station 2AP has issued several different QSL cards over the years, and if you happen to own one of these cards it is indeed an exotic addition to your collection.

Independent Adventist Shortwave Stations

During the past two thirds of a century, various units of the Seventh-day Adventist denomination have owned and operated a total of nine different shortwave stations in five different countries. We go back to the beginning and we take a look first at a series of three radio broadcasting stations on Pitcairn Island in the South Pacific.

Back in March 1938, a group of amateur radio operators from the United States visited Pitcairn Island by passenger liner and off-loaded three tons of electronic

equipment. They installed a 50 watt amateur radio station, together with generator equipment and began a series of test transmissions under the callsign VR6AY. This station was operated by the newly trained radio operator, Andrew Young.

Experimental station VR6AY was also in use for program relays to NBC in New York, and the first broadcast from Pitcairn Island went on the air on March 15, 1938. This program was relayed to NBC by station KKW in Bolinas, California.

Fifteen years later, in 1953, a new 500 watt multi-band transmitter was installed on Pitcairn Island, and this went on the air under the call ZBP. Test broadcasts were radiated using mainly large program discs from the syndicated radio program, Voice of Prophecy, in California. The station operator at this stage was Floyd McCoy.

Some nine years later, in the year 1962, amateur station VR6AC was on the air with religious programming, intended, as the radio magazine stated, for reception in nearby Pacific Islands.¹

Next on the scene was another series of three shortwave radio stations in Indonesia. In 1967 a small 50 watt station was installed in the five-story headquarters building of the Adventist church in Jakarta, Indonesia. This station was on the air for three years under the slogan Radio Harapan Zaman, using a borrowed license and call sign.

The Jakarta station left the air in 1979, though another station was launched in the same year at Makassar in the Celebes Islands of East Indonesia. This station, Radio Nafiri, was located in the Adventist church building, and it was on the air for just a few years with 100 watts, apparently in the 120 metre band.

The third station in Indonesia was located at Manado in the head office building of

the Adventist church in East Indonesia. This station was in reality Radio Nafiri transferred to a new location, and it was on the air for more than ten years, beginning in 1974.

Next, we turn to Latin America. The Adventist church in Central America purchased a radio station, Union Radio, and rebuilt it entirely, with studios in the administrative building and transmitters on a hilltop outside Guatemala City. This station was allocated the basic call sign TGMU, and it was on the air as TGMUA on 6090 kHz and TGMUB on 5980 kHz. This station was launched in 1980 as a unit of the AWR network, though in more recent time it has been on the air as Union Radio.

In the Dominican Republic, another radio complex was purchased and transferred into the administrative office of the Adventist church in Santo Domingo. Radio Amanecer Internacional was launched in 1987 and it is still on the air today with 1 kw on 6025 kHz.

And finally we come to Radio Adventista Mundial in Celendin, Peru. This small shortwave station emits 350 watts on 3870 kHz and it was launched without prior news coverage in 1993.



This month's cover was sent in by Jim Renfrew of Byron, NY who picked it up at a St. John's CBC open house. Thanks, Jim. We are always looking for covers. Members can send copies of any radio-related material to NASWA, 45 Wildflower Road, Levittown, PA 19057-3209. Or if you're so inclined, you can design your own. Contributors whose work is accepted will be rewarded with additional months on their membership subscriptions.

Equipment Reviews

Alan Johnson • 2490 Sharon Way • Reno, NV 89509 • alanjohnson@gbis.com

Grundig eTraveller VII Portable Receiver

Sometimes good things come in small packages and the new eTraveller VII from Grundig is one of them. It is a truly shirt-pocket sized travel portable, measuring 2.7x4.5x1 inches and weighing just 5.3 oz. It comes complete with carry pouch, AC adapter, 2 AA cells, stereo earbuds and plastic stand to hold the radio in a tilted position. The suggested list price is \$159.95, with a street price in the range of \$129.95. The radio covers the mediumwave band from 530 to 1710 kHz (9 or 10 kHz tuning steps), shortwave 2 to 10.4 and 11 to 30 MHz in 5 kHz steps and FM (stereo with headphones) from 87.5 to 108 MHz.

The radio has an unusual elongated shape with rubber grips on either side and fits well in the hand. There is a hinged front cover that protects the display and tuning controls. There is a square cutout in this cover that permits listening to the speaker with the cover closed. The controls are minimal—tuning is via pushbuttons labelled Hour and Minute, which, surprise!, are also used to set the 24 hour clock. Also on the front panel are pushbuttons for band, autoscanning, memory channel select and store, standby timer and sleep timer. On the top of the radio are the MW step switch, volume control, earphone jack, AC adapter jack, power and time set pushbuttons and a 14.5 inch telescoping whip antenna (there is an internal ferrite rod antenna for MW).

Operation

Pressing the Power/Standby button on the top of the radio twice turns the radio on. The radio can then be tuned with the Hour/Minute buttons—holding the tuning buttons down for slightly longer than two seconds puts the radio into a hyper-fast

tuning mode, which is useful for jumping to different meter bands, but it takes some practice to avoid tuning beyond the desired frequency. Once the radio is tuned to the desired meter band segment, I found it more convenient to use the autoscanning feature to tune to individual stations within the band. The autoscanning worked quite well, stopping on channel on stations with moderate to strong signal strengths.

There are ten memories for each band (AM, FM and SW), which are selected by the Channel UP button on the front panel. This button selects the desired channel both for memory storage and recall. When the Store button is pressed and released, CH-UP is then pressed to select the desired memory channel and the Store button is pressed again to store the frequency. The memory channels within a single band can be scanned by pressing the CH-UP button for two seconds. The radio will then step through the memory channels, stopping at each channel for about five seconds.

The eTraveller VII has a timer which can be set to turn the radio both on and off at specified times. There is also a sleep timer which can be set for ten minute increments up to a maximum of 60 seconds.

Performance

I would rate the eTraveller VII as acceptable, overall. The sound was pleasant and volume level satisfactory, but I would have preferred a little more sensitivity. In modern high-rise hotels, I had to place the radio directly against a window to receive the major international broadcasters. I did find that a ten foot length of wire clipped to the whip

antenna with an alligator clip significantly improved sensitivity without causing overload. Using the AC adapter did not improve sensitivity, in fact, there was noticeable hum present when the adapter was used. Selectivity was fair—strong stations were still readable when the radio was tuned off frequency by 5 kHz.

Overall

The main advantage that the Grundig eTraveller VII has going for it is its size and weight, even when the earbuds and ten feet of wire with an alligator clip are thrown in. It lacks such refinements as one kHz step

tuning, keypad tuning and SSB reception. If one were looking for a do-it-all portable in this price range, and size and weight were of lesser importance, my recommendations would be the Grundig YB-400 for \$20 more with many more features or the Sangean ATS-505 (SSB reception, street price \$129) or the ATS-808 (dual bandwidths, but no SSB for \$10 less than the Grundig). All of these alternatives have keypad tuning.

More information can be found at: www.grundigradio.com or at: <http://www.universal-radio.com/catalog/portable/0077.html> .



WELCOME TO THE FOLLOWING NEW MEMBERS

DAVID K. BAUMANN, Hope, MI
WERNER SCHUELE, Cumberland, RI
PAUL TRAIN, Wells, MN
MIKE BRANKO, Islip, NY
ROBERT SINGER, McKeesport, PA
DENNIS CLEMENTI, South Milwaukee, WI
DR. LEDERMAN, Moorestown, NJ
RONALD J. STUMPF, Grey Eagle, MN
ALAN MICHON, Cleveland, OH
PETRO T. GIANNAKOPOULOS, Atlanta, GA
RENE F. TETRO, Abington, VA
WALTER E. SMITH, Roanoke, VA
WILLIAM MALIN, Reading, MA
STEPHEN R. SCHOENING, Omaha, NE
JULIANA & NORBERT GRABOWIECKI, Blanco, TX
CHRISTOPHER ROMIG, Sterling Heights, MI
KENNETH WILSON, Georgetown, NY
DWIGHT W. WILSON, Homeland, FL
GILBERT A. TOON, Interlaken, NJ
JOE MONTEITH, Topeka, KS
JERRY ERVINE, Hidalgo, TX
DANIEL C. RYDHOLM, Marquette, MI
DAVID M. LEIBOWITZ, Wesley Hills, NY
DAVID COOK, Ventura, CA
JOHN BRENNAN, Bruceton Mills, WV
CHRIS KIRK, Dandridge, TN
MIKE CARR, Fruitport, MI
MR. ROBERT M. FAASSE, Walden, NY
KENNETH GODFREY, Fontana, CA
MICHAEL P. QUINN, Harrison, OH

Listener's Notebook

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

AUSTRALIA The Darwin facility is now being used continuously from 2030-0800, with two of the six transmitters now in use for Radio Australia or Vision International programming. The full schedule, confirmed by monitoring here in Melbourne, as at Jan-06, is:

7170	2030-2200	VI English
11935	2030-2130	VI English
11935	2130-2330	RA Indonesian
11935	2330-0000	VI Indonesian
13620	2200-0000	RA English
17645	0130-0500	VI English
17645	0500-0700	VI Chinese
17775	0000-0130	RA English
17820	0700-0800	VI Chinese
21680	0000-0030	RA English
21680	0030-0130	VI Indonesian
21680	0130-0400	VI English
21680	0400-0430	RA Indonesian
21680	0430-0500	VI Indonesian
21680	0500-0530	RA Indonesian
21680	0530-0800	VI Indonesian

(Padula-AUS/EDXP)

AZERBAIJAN *Voice of Azerbaijan* observed in Bulgaria on new 6110.7:

1100-1200	Persian
1200-1300	Turkish
1300-1400	German/French
1400-1600	Azeri
1700-1800	Arabic
1800-1900	English/Russian

(Ivo and Angell, Observer, Bulgaria, Jan 11/DX Listening Digest/Hauser-OK)

BELARUS 3346.00 *Radio Mayak* 0342 Popular and light rock music with Russian vocals. Songs interspersed with quick announcements and sweepers by man in an apparent DJ style. Intro music then apparent news items read on top of music (sounded almost like the Miami Vice theme) by a man at 0400 until 0405. Strong, clear signal despite a few brief service drops (and RTTY bursts before top of the hour). (Fine-VA 21 Jan)

BOLIVIA 4716.75 *Radio Yura*, Yura, 0105 Ann "La voz de los Ayllus hasta las diez de la noche" (E-mail: canal18@cedro.pts.entelnet.bo QTH: Casilla 326, Yura, Provincia Antonio Quijarro, Potosi. V/s: Rolando Cueto F., Director (Jan 18/Buschau/Play-DX/DX Listening Digest/Hauser-OK)

4774.95 *Radio Mallku*, Uyuni, -0043* S/off "A esta hora Radioemisora Mallku cierra sus emisiones con la firme promesa de volver dentro de algunas

horas; Radio Mallku oper en la frecuencia de 4795 [sic] kilociclos, banda tropical de 60 metros, onda corta, muchas gracias por su preferencia" (E-mail: frutcas@hotmail.es QTH: Casilla 16, Uyuni, Potosi. V/s: Freddy Juarez Huarachi, Director (Jan 18/Nuzzi/Play-DX/DX Listening Digest/Hauser-OK)

5952.44 *Radio Pio XII*, Siglo XX. 1110 Conexion con Cochabamba informando acerca del grave conflicto entre los cocacoleros y la policia boliviana (E-mail: radiopio@nogaloru.entelnet.bo (Grimm-DXCB/Play-DX N 1133/Jan 19/Margenet/DXLD/Hauser-OK)

CENTRAL AFRICAN REPUBLIC 6100 *Radio Centrafrique* 2024 Highlife vocals and man in Swahili-sounding vernacular. After 2030, the language sounded more like Creole, with mention of "Radio Centrafrique" at 2035. Off at 2100 after national anthem. This on Dec. 26; next day, woman gave closing announcements in French at 2100 before anthem and s/off. Fairly strong but with horrendous co-channel QRM from Iran, so bad that at times it was difficult to tell which station was which. (Hill-MA)

CHILE *Radio Parinacota*, the new station on 6010.0, has been heard since the evening of November 5, for 24 nights in that month, and also 23 mornings, signing on at 0800? On 21 days, one day each at 0830 and 0930. (Nawosat-ARG/Assoc. DX del Litoral/DX Listening Digest/Hauser-OK) 6010 *Radio Parinacota*, Putre, 0816-0835. Andean musica. Check time: "cinco de la maana con 23 minutos." At 0833 ID: "...Radio Parinacota...Chile." 24342 (Slaen, Dec 28/Cumbre DX/Johnson)

CHINA Adjustments have been made to CRI schedules in mid-January, and the Cuba relay is now listed:

5990	2300-2357	English
9570	1200-1257	Chinese
9570	1300-1357	English
9580	0100-0157	English
13650	2300-2357	Portuguese
15210	0000-0057	Spanish
17720	1400-1457	English
17720	1500-1557	English.

(Nagoya DXers' Circle/EDXP/Padula-AUS)

4220 un-ID(Xinjiang?) Jan01 1235-1430 in Kazakh or Kirghiz(?). Heard short mention by woman and regional pop musics that like western China or central Asia. At 1300, heard long 6 pips then talk by man. 1330, talk by man and woman. News? Till 1430, heard same format. I could not get ID. Xinjiang is back? (Jan 1/Iwata/Japan Premium) Ac-

cording to information direct from the station, **Qinghai PBS**, Xining uses the following freqs now: 9850, 9780, 6500, 6260, 6145, 5990, 4750 and 4220. (Mauno Ritola-FIN/DXLD/BC-DX/Bueschel-GER)

6075 **Yushu PBS**, "Qinghai." For several days I have been following a Chinese station that is heard pretty well here around 1115-1145. On Jan 12 it was mostly Chinese music at the outset, brief announcements by woman, audio seemed to weaken at 1130 when straight talk began, but came back at 1134. Is said to be in Tibetan and supposedly carrying CNR1 at 1135. (Berg-MA/DSWCI DX Window/DX Listening Digest/Hauser-OK)

CLANDESTINE—MIDDLE EAST 11530 *Denge Mezopotamya*. The transmission time has been expanded from 6 hours per day to 12 hours per day, and we are broadcasting on one single frequency 11530 kHz from 0500 to 1700 UTC using different transmitters depending on the time of day, with the intention to have a good reception in the target area all of the time. Another change is that previously these broadcasts were prerecorded and now they are all live. (Maes via Johnson Dec 29/Cumbre DX/Johnson)

6810 **Radio Azadi Kurdistanana Irana** 1640 Long piece of music, announcements in Middle Eastern language 1650 including Azadi Kurdistanana Irana, two more pieces of music, brief jamming 1655, commentary 1700 with many mentions of America, Iran and Al Qaeda, more music 1711. Recheck 1752 man with commentary, piece of orchestral music, closing down announcements by lady, brief anthem and off 1801, jamming and local interference made copy difficult at this stage. Fair signal, heavy utility on 6808.5, seemed to be on reduced carrier USB, some distortion on AM, no signal on LSB, fair copy on USB when no jamming and local noise. Is pro Soviet per a report from Rumen Pankov last October. (Barracough Jan 17/Cumbre DX/Johnson)

5101.04 *Voice of Jammu Kashmir* (t) 1339 poor signal and not improving much, talk in Vernacular (Norrie Dec 30/Cumbre DX/Johnson)

Yesterday I heard a Kurdi speaking station on 6810 and they Ided as "*Radio Dengi Komalah*." Tipped by Reijo Alapiha I found a web page <http://www.komala.org/radio/index.htm>. Also heard Iding as Radio Free Kurdistan so there are many organisations/producers using the same frequency? (Johnson-USA, Cumbre, BC-DX Jan 24/DX Listening Digest/Hauser-OK)

COLOMBIA 4470.06H **HJAY Onda Nueva**, Barranquilla 0030 UTC. (Probably Johnson's UNID) at this time with the Colombian National Anthem and starts up (?) probably around 1100 UTC, when I have at least also have heard the Colombian National Anthem (otherwise it is usual that Colombian stations for some mysterious reason play the NA at 1100 and 2300 UTC. Does anybody know why?). 4470.06 can be heard both mornings and evenings

announcing the frequency 1490 kHz. A clear "Onda Nueva"-ID and "HJAY"-prefix. On 4469.88 kHz I have a UNID LA—the only thing to say about this one is that they had a religious program with a female vicar. Harmonic from 1490 kHz (3x 1490.02). (Malm Jan SWB translation by Nilsson/Cumbre DX/Johnson)

CROATIA Croatian Radio HS-1 in Croatian noted on Jan. 22/23: 0500-2300 on NF 6150 via Deanovac 100 kW / non-dir, instead of traditional 6165. Other freqs for Croatian Radio: 7365 0600-1000 9830 0700-1800 13830 1000-2200 (Ivo and Angel! Observer, Bulgaria, Jan 23/DXLD/Hauser-OK)

DOMINICAN REPUBLIC Fernando Hermin Gross, Program Manager of shortwave station *Cristal Internacional* (5010 kHz) needs reception reports from all over the world. Please, send your reports to: cristalinternacional@hotmail.com or Apartado Postal 894, Santo Domingo, Dominican Republic. QSL card will be sent to OK reports. Now, the station is // 1510 kHz, but in the near future will separate the signals (Pedro Sedano, Madrid, Spain, Jan 22, hard-core-dx via DXLD)

ECUADOR HCJB English to India will change from 11785 to 12035 as of 2330 Saturday, Feb-26. (Allen Graham-HCJB/EDXP/Padula-AUS). HCJB discontinuing French as of March 27 at 2000 UT. (Cole-HCJB/Jan 19/DX Listening Digest/Hauser-OK) English to India 2330-0100 moved to new 12035 (ex-11785). (Sosedkin-USA, Jan 24/DXLD/Hauser-OK)

ETHIOPIA Voice of the Tigray Revolution, new 6350 thanks to WOR tip, ex-6315. Jan 19 *0354-0415+. S/on with IS, into talk in language and local music at 0358, fair. //5500 (Alexander-PA/DX Listening Digest/Hauser-OK) DIGEST)

FRANCE Registered A-02 frequencies for *Libyan Jamahiriya Broadcasting* via Issoudun 500 kW to Africa:

1045-1230	17695	21630	21675	21695	
1630-1800	15625	17530	17635	17695	
1800-1900	11715	15205	15625	15660	17695
1900-2000	11517	15205	15625	15615	15660
2000-2100	9415	11635	11715	15615	
2100-2200	9415	11635	11645	11715	
2200-0400	7330	9445	9485		

(Ivo and Angel!, Observer, Bulgaria, Jan 24/DX Listening Digest/Hauser-OK)

GABON 9770 Africa No 1 is relaying *RTNCongo* from 0400-0600 and 1600-1900. (RTNC TV via BBC-MS via Kenny BDXC Jan 8) RTNC Kinshasa via Gabon confirmed on 9770 kHz from tune in today (8 Jan) at 1725 UT with Congolese-sounding music and talk in vernaculars, news in French at 1800. Full ID in French at 1830 "vous ecoute Radio Television Nationale Congolaise..." Reception is difficult here with heavy co-channel interference and splatter from adjacent channels, improving slightly after 1830. (Kenny BDXC Jan 8/Cumbre DX/Johnson)

GEORGIA 4540 *Radio Khara*, Dusheti, 1525-1543* Mostly music, signal to *weird* to decide between 'gypsy' or straight 'rock'. Thought first it was a Belarus relay, but I don't think so. Sign off at 1543. Presumed and very poor. (Pijpers, Jan 1) ["Weird" how?-AQ] 4540 Radio Khara, Dusheti began two new broadcasts on Dec 03: 1515-1545 in Abkhazian and 1600-1630 in Azeri (ex 1500-1515). Not heard on Dec 04 & 05. (Pankov via BC-DX). Also scheduled here Tu & Fr 0500-0535 & Mo & Th 1700-1735 in Abkhazian. This is the alternative frequency of 4875. (DX Window 184 via Pijpers/Cumbre DX/Johnson)

GERMANY *Deutsche Welle* in English to As/Au/NZ eff. Dec. 20: 0900-0945 on additional NF 9510 // 6160 7300 17820 17845 (Ivo and Angel! Observer, Bulgaria, Dec 27/DX Listening Digest/Hauser-OK)

GUAM Frequency change for *KTWR* Agana in Chinese, all on NF 9910 ex-9870:

1300-1330 Daily
1330-1445 Mon-Fri
1330-1430 Sat
1330-1500 Sun

(R BUL Observer, Ivo Ivanov and Angel Datzinov, BC-DX/Bueschel-GER)

HONDURAS Re UNID 2540.0: After reviewing recordings from Hans Johnson's very clear reception and my somewhat noisier one, it sounds as if this station is *Radio Sonaguera*. Sonaguera being a town in Honduras near the coast between La Ceiba and Trujillo. There are many mentions of "Valle de la Aguana" which is the river which runs through the town. Hans got a great ID which goes something like, "Radio Sonaguera el? color? con ms calor en el Valle de Aguana." Also, with a few carriers in the vicinity of 2540 I got the frequency wrong; it is actually closer to 2541.5 (Mohrman-VT, Jan 23/DX Listening Digest/Hauser-OK)

ICELAND In late December, the SW relays of the *Icelandic National Broadcasting Service* (RUV) returned to the air after an absence of several months. The future of these transmissions is uncertain, and this might be a last chance for DXers to report this station on SW. A final decision on the future of the service is expected shortly.

The SW frequencies (January 2002 until further notice) are:

To Europe (live): 1215-1300 on 13865 1755-1825 on 11402

To USA (recorded): 1410-1440 on 13860 1835-1905 on 13860 2300-2335 on 11402

All programs are in Icelandic.

(Radio Netherlands Media Network/RUV/EDXP/Padula-AUS)

11402 khz, Rikisutvarpid, 2308-2330*, in Icelandic with news reports by M & F announcers, in-

terviews. After 2330 carrier on up to 2343+, but, not audio. (Gabriel Ivan Barrera-ARG, Jan 3)

INDIA AIR noted again on variable frequency 9861-9868, instead of 9910.0 as follows:

0215-0300 Pashto
0300-0345 Dari
1315-1415 Dari
1415-1530 Pashto
1530-1545 English (news bulletin)
1615-1730 Farsi
1745-1945 Arabic
1945-2030 French
2045-2230 English
2245-0030 English

(Observer, Bulgaria, Jan 18/DX Listening Digest/Hauser-OK)

INDONESIA 3325 *RRI Palangkarya*, 1224, full ID at 1227 with mention of Banda Aceh, invariably blocked by PNG in Auckland (Dec 29/David Norrie-NZ/Jembatan DX/Yamada-JPN)

3344.8 *RRI Ternate*, 2135-2150 Male and female in Bahasa Indonesia, noisy and signal was gone by 2150. Poor. (Jan 10/Pijpers-NTH/DX Window/Jembatan DX/Yamada-JPN) 2045 talk from somewhere outside the studio, SCI then into news from Jakarta. (Jan 18/Yamada-JPN/Jembatan DX)

3960.25 *RRI Palu*, 1429, weak, with piano music, mention of "Palu," interference from UNID on 3959.76, monitored up to 1449 when SCI was clearly heard (Jan 1/Norrie-NZ/Jembatan DX/Yamada-JPN)

4000.11 *RRI Kendari*(p), 1438, very good signal, traditional music (Jan 2/Norrie-NZ/Jembatan DX/Yamada-JPN)

4753.4 *RRI Makassar*, 2140-2310, Bahasa Indonesia talk mentioning Jakarta, string music & songs, 2200 & 2300 Jakarta news, quick fade out after 2300. (Jan 10/Petersen-DEN/DX Window/Jembatan DX/Yamada-JPN)

4874.6 *RRI Sorong*, 2102 Jakarta news relay, English music then advertisements. Fair to poor. (Jan 18/Yamada-JPN/Jembatan DX)

4925 *RRI Jambi* (p), 1208 very good signal with news in BI (Dec 29/Norrie-NZ/Jembatan DX/Yamada-JPN/Jembatan DX)

6071.2 *RRI Jayapura*, 2010 with talk by female, listening music and telephone conversations. Poor signal. (Jan 18/Yamada-JPN/Jembatan DX)

6153.6 *RRI Biak* 0858-0906 Indonesian, Pops music and Koran. ID at 0900 and 0904. (Jan 6/Hashimoto/Japan Premium)

IRELAND B-01 schedule of *RTE Radio One* in English via Merlin Communications:

0130-0200 6155 Rampisham
1000-1030 15540 Singapore
1800-1830 9895 Rampisham

1830-1900 13640 Sackville
1830-1900 21630 Ascension

(Ivo and Angel!, Observer, Bulgaria, Jan 11/DX Listening Digest/Hauser-OK)

ISRAEL The English News Department of *Kol Israel* has advised me that the station no longer seeks, nor makes use of listener reception reports, and has ceased issuing QSLs.

Kol Israel made a freq change on Dec-12: 11605 was replaced by 6280, for English 0500-0515, English 2000-2025, and French 2030-2045.

The station is now working to appear to be an unusual calendar, with the above frequency changes now listed as effective until "February 31, 2002." (Padula-AUS/EDXP)

The IBA Board approved the 2002 Budget after removing shortwave transmission of all but Reshet Bet (Hebrew) and Dalet (Arabic): no other languages will be transmitted, though will still be produced.

The Knesset has to ratify this and all involved with overseas broadcasting are mounting a campaign to try to stop it happening. (Rosenzweig/Lamb/EDXP/Padula-AUS)

Bad news: Last night the IBA Board approved the 2002 Budget after removing shortwave transmission of all but Reshet Bet (Hebrew) and Dalet (Arabic)...no other languages will be transmitted...though will still be produced. The Knesset has to ratify this and all involved with overseas broadcasting are mounting a campaign to try to stop it happening. Information will be placed on <http://www.israelradio.org> with an address to send protest letters. (Rosenzweig/Jan 22/DX Listening Digest/Hauser-OK)

Some changes for Kol Israel: 2000-2025 English; 2030-2100 French/Spanish all on NF 7519.9, ex 11604.9 // 9435 15640 15650 plus additional NF 6280. (Ivo and Angel!, Observer, Bulgaria, Jan 11/DX Listening Digest/Hauser-OK)

ITALY Some frequency changes for *RAI International*:

English 1935-1955 new 9745, ex-9760 //5970

Italian/Spanish/Portuguese/Italian/Spanish
2240-0335 new 11990, ex-11755//9840

(Observer, Bulgaria, Jan 18/DX Listening Digest/Hauser-OK)

JAPAN Changes in *Radio Japan NHK World* in Japanese to ME/AFG:

0400-0700 15470 (ex 0500-0700)
1500-1600 NF 15255 (ex 15265)

(Ivo and Angel! Observer, Bulgaria, Dec 27 via DXLD)

LAOS 6130 *Lao National Radio*, 1146-1204 Dec 28, indigenous vocals hosted by a woman announcer

with familiar 7 gongs beginning at 1159 followed by a man with ID and then segment of instrumental music prior to a woman with news. Poor to fair signal with choppy audio. (D'Angelo-PA)

LIBYA Here's the latest available schedule of the expanded schedule, for the *Libyan Radio*:

1045-1230	RGJ	17695 21630 21675 21695
1045-1230	RGJ/VOA	15435 17750
1245-1500	KAK/VOA	15435 17750
1500-1630	RGJ	15435 17750
1645-2200	KAK/VOA	15435 17750
1700-1800	RGJ	15660
1800-1900	RGJ	9415 11635 15615 15660
1900-2100	RGJ	9415 11635 11715 11865
2100-2200	RGJ	9415 11635 11715 11865
2200-2300	RGJ	9415 9445 9485 11635

KAK=Koran Al Kerim in Arabic

RGJ=Radio Great Jamahiriya in Arabic

VOA=Voice of Africa in English and French

(Radio Bulgaria monitoring/EDXP/Padula-AUS)

also see **FRANCE**

MALAWI From Chris Greenway in Nairobi, 22 January: Since yesterday [21 Jan] I've been hearing Malawi reactivated on 7130 kHz. (Note: WRTH lists 7130 @ 1400-2210. Other **MBC** freqs previously used are 3380 & 5995) (via Dave Kenny, BDXC-UK/DX Listening Digest/Hauser-OK)

MALI RTM Bamako, the 41 mb outlet seems to have "locked" on 7285.9, e.g. 18 Jan 0817-0855 almost f/out, rated at 35322, airing a theatre play in Vernacular (Goncalves-POR/BC-DX/DX Listening Digest/Hauser-OK) DXLD)

China Radio International via Bamako relay noted on Jan. 19-21 on NF 13670, ex 13685:

1700-1727	Swahili
1730-1757	Hausa
1800-1827	Hausa
1830-1927	Arabic

(Ivo and Angel! Observer, Bulgaria, Jan 23/DX Listening Digest/Hauser-OK)

NEW ZEALAND *Radio New Zealand International* amended English language schedule announced at 1210 11th January:

0359-0659	15340
0700-1005	11675
1006-1210	15175
1211-1649	6095 (occasional sport and cyclone warnings)
1650-1850	11725
1851-2050	15160
2051-0358	17675

(Beesley-UK/World DX Club/Barraclough/DX Listening Digest/Hauser-OK)

PAPUA NEW GUINEA *Radio Gulf* is back on air after being off air for 19 months. The radio station

which had been off air since May 2000, was switched on at New Year's Eve, December 31, 2001. (The Independent, Jan 10 2002, via Don Nelson/DXLD/Hauser-OK) [presumed 3245 kHz-AQ]

PERU 6324.34 *Radiodifusora Comercial* "La Voz del Vecino," Nueva Cajamarca, la provincia de Rioja, el departamento de San Martn. Dec 26 2001—2355 UT. Must be a new station at least on SW. Mixed music, from both Ecuador and Peru. Close down at 0108 UT. (Malm-ECU/Nilsson-SWE/Dec 27/DX Listening Digest/Hauser-OK)

6673.87 *Radio Super Nueva Sensacion* (ex-Radio Andina, I suppose), Huancabamba, la provincia de Huancabamba, el departamento de Piura (Peru). 0100. (Malm Dec SWB translation by Nilsson/Cumbre DX/Johnson)

13565.6 *Ondas del Pacifico*, Ayabaca. 2333-2349. (harmonic:6782.8 x 2). Andean music. Local advs. read in spanish by male. Time check and identification as: "...las 6 de la tarde con 37 minutos en este programa por Radio Ondas del Pacifico." messages. Greetings. Other ann.: "...estan en la sintonia de Ondas del Pacifico...nosotros vamos a proseguir con mas exitos, continuando con la programacion del dia de hoy." (Slaen, Jan 1/Cumbre DX/Johnson)

RUSSIA *Radiostantsiya Tikhyy Okean* has eliminated its SW 7175, LW 234-Magadan & 243-Vladivostok from this year. Only 810 kHz-Vladivostok has been used. Opening announcement is not changed and describes itself as "program for fishermen, seamen & all the people living in Far East Russia," but now, as a matter of fact, the program seems only for Vladivostok (Hironao/Japan Premium Jan 24/DX Listening Digest/Hauser-OK)

According to a letter just received from Leo Shishkin of *Radio Samorodinka*, Russia, he has made some tube changes in the transmitter. He gives the output power now as 40W (since summer 2001, I guess). Also some antenna work has been done. The radiation towards Finland and Sweden is screened by an apartment building. You can try Radio Samorodinka on v3922 around Moscow midnight (2100 UT). 73 (Jari Savolainen, Kuusankoski, Finland, Jan 17, hard-core-dx/DX Listening Digest/Hauser-OK)

SAUDI ARABIA B-01 schedule of *BSKSA*:

0300-0600	Arabic-2	9578.9
0300-0600	Arabic-HK	11820 15170 15435 21495
0400-0500	Somali	17760
0400-0600	Turkish	15275
0500-0600	Swahili	17760
0600-0800	Arabic-HK	15380 17895
0600-0900	Arabic-M	17560 17760 21505 21705
0600-1700	Arabic-2	11855.1
0800-0900	Arabic-HK	15380
0800-1000	French	21600
0900-1200	Arabic-HK	11935 17615 21495

0900-1200	Arabic-M	21505 21705
1000-1200	Indonesian	21670
1200-1400	Arabic-HK	15380 17895 21600
1200-1400	Urdu	15345
1200-1500	Arabic-M	17585 21505 21705
1400-1500	Arabic-HK	17745 17895
1400-1600	French	21600
1400-1600	Persian	11745
1400-1600	Turkmen	9730
1500-1600	Arabic-HK	13690 17745
1500-1700	Arabic-COI	11785 15315 15435
1600-1700	Arabic-HK	13690 15205 17560 17745
1600-1700	Bengali	15345
1700-1800	Arabic-HK	13690 15205 17560
1700-1800	Arabic-M	11785 15315 15435
1700-1800	Bambara	17775
1700-1800	Pashto	9695
1700-2200	Arabic-2	9578.9
1800-2100	Arabic-HK	11820 11935 11950 15230
1800-2300	Arabic-M	9555 9870
2100-2300	Arabic-HK	11820 11935 15230

Arabic-M= Main Arabic program

Arabic-2 = Second program in Arabic

Arabic-COI = Call Of Islam

Arabic-HK = Holy Koran

(Ivo and Angel!, Observer, Bulgaria, Jan 24/DX Listening Digest/Hauser-OK)

TURKMENISTAN 4930 *Turkmen Radio*, Asgabat 0322 Continuous light classical music. Announcements by woman in presumed Turkmen, ID at 0324. Program change at 0330, which was introduced by gongs then music and announcements read by a man. Good signal with little fading. Lower sideband was missing, making AM reception muddled. Best heard in USB. (Fine-VA 21 Jan)

UNITED ARAB EMIRATES—DUBAI 15400 *Radio Dubai* 1617 Reference previous reports of frequency inconsistencies for Dubai: Looks like they're playing the 5kHz game here now, vice 15395. This is parallel 21597.6 instead of their originally coordinated frequency of 21605. The 15400 signal was completely obliterating the BBC African Stream, and mixed with Radio Finland at 1630. What a mess. (Fine-VA 03 Jan)

UAE Radio Dubai monitoring schedule:

0600-1015	Arabic	13675 15400 21597.6
1015-1030	Arabic	13675 15370 15400 21597.6
1030-1050	English	13675 15370 15400 21597.6
1050-1315	Arabic	13675 15370 15400 21597.6
1315-1330	Arabic	13630 13675 15400 21597.6
1330-1350	English	13630 13675 15400 21597.6
1350-1600	Arabic	13630 13675 15400 21597.6
1600-1640	English	13630 13675 15400 21597.6
1640-2100	Arabic	11945.2 13630 13675 15400

(Ivo and Angel! Observer, Bulgaria, Jan 23/DX Listening Digest/Hauser-OK)

UNITED KINGDOM 6035 *Everest Radio* Their website says this is their frequency now with broadcast on Sat/Sun/Mon/Tue from 9-10pm (2100 to 2200 UTC). (Johnson, Dec 30/Cumbre DX)

UNITED STATES OF AMERICA The *Remnants Hope Ministry* began in October 2001, using WBCQ, Monticello, Maine, USA. Current schedule is 17495 1700-1800 Mo-Fr, 7415 2230-2330 Tu/Th, 9335 0000-0100 Sa and 0100-0200 Su. In December 2001, broadcasts started over Julich, Germany, on 6110 1215-1315 Sa/Su, intended for Eu and WAS, and 6125 0200-0300 We for USA. (via Wolfgang Buschel, Germany/EDXP/Padula-AUS)

WWFV R.I.P. About a week ago I was tuning across the bands and heard the owner say they were closing down WWFV at that time for good and moving to Tennessee. The owner of the station was saying that this particular broadcast of WWFV I was listening to was to be the very last transmission from that location and that they were changing callsigns. He gave a "speech" about the history of the station, and then said goodbye. (Jim rec.radio.shortwave Dec 28/9 via Johnson/Cumbre)

WWFV was located in McCaysville, GA. The station has now moved to the American state of Tennessee (TN) in the town of Manchester. Its new call letters are **WWRB** for World Wide Radio Broadcasting. It is owned by Dave Frantz, the same fella who owned WWFV.

It is a bit unusual for a shortwave station to move in such a fashion so let's sum up what has happened:

One transmitter was operational on Dec 24th from Manchester. IDing as WWRB it carried WWFV's former lineup in the local evenings on 5085 and tested with a loop tape for a few days daytime local on 12172. The daytime tests were announced as being for Africa/Middle East. With WWRB now able to carry the programming load at WWRV, the latter is able to shut down for good on Dec 24 or so as noted by Jim above.

By Jan 1, two transmitters are operational at Manchester. Both carry the former WWFV programming lineup, signing on weekdays at 2300v on 5085 and 6890. The former is billed as for North America and the latter is announced as for Africa/Middle East. No details have been heard as to antenna type/azimuth in use on 5085. The antenna for Africa/Middle East is described as a 200' tower with the station. Sign of is at 0700v. On Jan 2nd, WWRB announced that 12172 and 9320 would be returning to the air in the coming days during local daytime. So the entire set of frequencies is the same as used by WWFV 5085/6890/9320/12172. By Jan 3rd, WWRB announced that the power of the two transmitters is 100 kW each. Although there was talk of a 100,000 watt transmitter upgrade at WWFV, the station operated with two 50 kW transmitters.

The station ran a test loop on 12172 on the local afternoon of Jan 3, as noted by Claes Olsson in Florida.

WWRB gave out its new phone number as 931-841-0492.

Early on UTC Jan 2nd, the station owner stated that the reason for moving to TN is that the new site had "no shading to the east," but in TN they have an antenna for the Middle East and Africa. He implied that WWFV in GA was shaded to the east. He added that the response from the Middle East to WWRB's new antenna had justified the move.

I looked at the still-active WWFV website on Jan 2 to see what it says about antennas to the east. It includes a statement that WWFV's antenna setup "will have the ability to cover the entire compass upon completion of our expansion project." Antennas at 38 and 160 degrees are listed as being modified as of June 15, 2001. A 70 degree antenna is listed as operational as of May 15, 2001, with a coverage map including Middle Eastern nations such as Iraq and Syria. A 130 degree antenna is listed as completed but awaiting certification. Its coverage map includes all of Africa and the Middle East.

Although WWFV talked about having all sorts of transmitters, no more than two were ever regularly heard on the air. WWRB made an Internet posting in the fall that they had purchased five used Harris 100 kW transmitters and would be using them at WWRB. Nothing has been heard about WWFV's two former transmitters and antennas. I'm inclined to believe that the two transmitters in use at WWRB are the two WWFV units. They were simply moved from WWFV to WWRB, although they are now announced as 100 kW units instead of 50's so perhaps that 100 kW upgrade took place along the way.

I've checked the FCC website for information on the station's setup, but haven't found anything yet. Once that is available, we'll have a better idea of the transmitter/antenna setup at the new WWRB. (Johnson Dec 31-Jan 4/Cumbre DX/Johnson)

WWRB started daytime weekdays on Jan 4. Sked is 1700v-2300v on 9320 and 12172, relaying programs of the Genesis Communications Network. (Johnson Jan 7/Cumbre DX/Johnson) WWRB noted 1717 testing on 9320 and 15725, per occasional announcements, advising antenna tests to ME/Af/Eu, on Jan-20. (McDonough and Fine, USA, via Cumbre-DX/EDXP/Padula-AUS)

Reception reports will be replied with a multi verification reception certificate. Not an ordinary 'QSL' card. Reception reports to: WWRB, Box 7, Manchester, TN 37349-0007 (Peter Taggart, Operations Manager WWRB via Dave Frantz, Jan 21/DX Listening Digest/Hauser-OK)

Some changes for **VOA/RFE/RL** schedule to ME/AFG:

VOA Arabic
 1500-1600 11955 15120 15265 17795 <<<<< ex 1500-1530
 1600-1700 11950 15120 17795 <<<<< ex 1600-1630

RL Azeri
 1400-1500 11795 15430 17605 <<<<< additional transmission

VOA Dari
 0200-0230 6035* 6170 9705 9750
 0230-0300 6035* 9750 15580 15705 17780 <<<<< additional
 1630-1700 9705 9875 11760 <<<<< additional transmission

VOA English
 1530-1600 11955 15120 15265 17795 <<<<< deleted
 1630-1700 11950 15120 17795 <<<<< deleted

RL Kazakh
 1500-1600 5005* 6055 12010 <<<<< additional transmission
 1600-1700 5005* 7105 11920 <<<<< additional transmission

RL Kyrgyz
 0100-0200 NF 15115, ex 6050
 0200-0300 5035* 9555 11795 <<<<< additional transmission
 1500-1600 9595 11760 13615 <<<<< additional transmission

VOA Pashto
 0100-0130 6170 7145 9750 <<<<< additional transmission
 1400-1430 6170* 11770 13605 15515 15705 17680 <<<<< additional transmission
 1430-1530 NF 17680, ex 11990

VOA Persian
 1130-1230 15415 17560 17730<<<<< ex 1130-1200
 1430-1500 13650 15290 17855<<<<< ex 1430-1500

RL Persian
 1400-1430 13605 15705 <<<<< deleted
 1900-2000 6150* 7175 11835 <<<<< additional transmission

RL Tajik
 0100-0200 4760* 6050 7275 <<<<< additional transmission
 0230-0300 9750 15705 <<<<< deleted
 0330-0400 6050 7275 9585 <<<<< additional transmission
 1400-1500 12010 15405 17660 <<<<< additional transmission
 1630-1700 4760* 9695 11705 <<<<< additional transmission

RL Turkmen
 1400-1500 9865 12030 15185 <<<<< additional transmission

RL Uzbek
 0500-0600 11750 11905 17870 <<<<< additional transmission
 1630-1700 12020 17805 <<<<< additional transmission

* via transmitter in Dushanbe 100 kW.
 (Ivo and Angel! Observer, Bulgaria, Dec 27/DX Listening Digest/Hauser-OK)

KNLS Anchor Point, AK schedule B-01.

0800	11765	English
0900	9615	Russian
1000	9615	Mandarin
1100	9615	Russian
1200	9615	Mandarin
1300	11765	English
1400	9615	Mandarin
1500	9615	Mandarin
1600	9615	Mandarin
1700	9615	Russian

(KNLS webpage/WWDXC/BC-DX/Bueschel-GER)

VIETNAM The *Voice of Vietnam's* morning service in Japanese 2130-2200 is currently only using a single frequency, 12020, since mid-December. The scheduled parallel channel of 9840 has been suspended. From 2200, the morning Mandarin service is currently noted on 12020 and 9840, continuing in Cantonese 2230-2300, Thai 2300-2330, and English 2330-2359. Services for Europe are currently noted 1600-2130 on 9730 and 7145 throughout, including English 1600-1630, 1800-1830, and 2030-2100.

Relays noted currently for Eu are: 5955 Moosbrunn 1800-1830 English, 1830-1930 Vietnamese, 1930-2000 French; 5970 Skelton 2000-2030 Russian, 2030-2130 Vietnamese.

Note that only three frequencies are used at any given time from Vietnam proper, for External Service broadcasts: there are two "couplets"—12020/9840 and 9730/7145. From 1100-1530 an additional (third) freq of 7285 is taken into use, for English services to Asia and Siberia in various languages. That frequency is also used for Khmer 0000-0030, and Lao 0030-0100, for morning services to Asia. Evening services are noted commencing at 0830 on 12020/9840 with Mandarin (EDXP Jan 12/DX Listening Digest/Hauser-OK)

6498.10v *Cao Ban BC* 1225 in Vietnamese 2434Z. Heard man singing. Very weak. (Jan 1/Iwata/Japan Premium)

UNIDENTIFIED 5761.1 UnID 1132 Someone here with solo vocals accompanied by orchestra; a couple of announcements by woman with high-pitched voice. Extremely poor; fading fast and almost gone by 1150. (Hill-MA, Dec. 28)

Pirate Radio Report

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

Winterfest Almost Here!

This year's Winterfest will be held on March 8th and 9th at the Best Western Inn in Kulpsville, PA. There is always a large contingent of pirate DXers in attendance. The Fest always has a pirate radio forum as part of the agenda and don't forget to tune in the **Voice Of Pancho Villa** Saturday at midnight. This year I plan to be in attendance as well. See you there!

Pirate Radio Popularity Poll

Yes, it's that time of year again. Time to vote for your most favorite and least favorite pirate radio stations. So either email or snail mail on a post card your choices. The stations should have been active during the past year although no longer have to be, such as **United Patriot Radio**. The results will be announced in the July column.

Reward Raised For Steve Anderson

As many of our regular readers know, Steve Anderson, the operator of the clandestine radio station, **United Patriot Radio** has been on the loose since his October 14th shootout with a deputy sheriff in Kentucky. According to an article in the January 17th edition of the Lexington, KY *Courier-Journal*, the Federal Bureau of Alcohol, Tobacco and Firearms has increased to reward from \$5000 to \$20,000 for information leading to his arrest and capture. [Article submitted by Victor Kolodjeski-KY]

Radio Azteca CD Available

A collection of the first 25 **Radio Azteca** programs, mastered from the studio tapes is now available on a MP3 formatted CD. The CD also features an introduction by Bram Stoker and a copy of the Winamp MP3 player. The cost is \$5.00 in the USA and \$6.25 to the rest of the world. Order from Box 146, Stoneham, MA 02180. Make any checks payable to Chris Lobbell.

Europirates On Higher Frequencies

In last month's column we mentioned several Europirates were operating around 21890 kHz on weekend mornings.

Well, the trend continues. On Sunday, January 20th, both the Dutch pirate **ROZ/Radio Omroep Zuid** was transmitting on 21890 and at the same time, **Radio Cupid**, another Dutch pirate was broadcasting on 21895 kHz between the times of 1300-1700 UTC. So, keep an ear on those frequencies on weekend mornings.

Loggings...

Many thanks to Brian Alexander-PA, Ralph Brandi-NJ, Ross Comeau-MA and Pete Costello-NJ

He Man Radio, a station dating back to the early '90s was heard on December 29th at 2352 UTC on 6950 kHz in the manly mode of USB. They were playing manly Xmas music. [Alexander-PA]

Oxycontin Radio. The pro-painkiller station was noted on 6925 kHz on 21 January at 0154-0228 UTC with taped remarks by Bozo, Dixeland Jazz and statements like "Drugs Don't Make Zits". [Comeau-MA]

Radio Argus, a Europirate was heard transmitting on 6209.75 kHz at 0915 UTC with rock music, many IDs, including a canned one "The Sound Of Free Radio, Radio Argus" on January 13th. [Brandi-NJ]

Radio Marabu, a German pirate was logged on January 20th from 0506 past 0522 on 6210.15 kHz in the AM mode with songs by Smooth Criminal, Kid Rock. Talk by and OM in German. ID heard at 0518 UTC. Stronger than usual. [Comeau-MA]

Radio Toronto was logged at 2230 UTC on 6955 kHz in USB. Claimed to be broadcasting from downtown Toronto. They use the Box 293, Merlin, Ontario N0P1W0 maildrop. [Alexander-PA]

Until next month, Happy Pirate DXing! 

QSL Report

Sam Barto • 47 Prospect Place • Bristol, CT 06010



CERTIFICADO DE SINTONIA

NOSOTROS LE DAMOS GRACIAS POR SU INFORME DE RECEPCION

Por este medio verificamos la sintonia de

De la emisora Radio Litoral, HRLW, 4830 Kbc, banda internacional de 60 metros

En el día

Sam Barto
Firma de Corrente



Misión
Comunión
Cristiana
De Honduras

Fecha

ABU DHABI: Radio Canada International 17820 via **Al Dhabbaya** f/d "Marconi & Fessenden" cd. and a Special Edition map of Canada in 19 ds. (Glotzbach-NM). same w/ sticker and schedule in 29 ds. (Humenyk). f/d cd. in 2 wks

(Craighead-KS). **Adventist World Radio 17875** via **Al Dhabbaya** f/d "AWR DIY" cd. w/ QSL stamp in 83 ds. (Humenyk-ONT). 15385 f/d "Kid's Kard Art" cd. in 2 mo. (Craighead). **African Beacon 15365** via **Al Dhabbaya** p/d cd. in 2 wks. (Craighead-KS).

ALGERIA: Radio Algerienne rcvd. sticker, report form and schedule in 6 mo. for a taped rpt. but no QSL. (Dybka-TN).

ANGUILLA: Caribbean Beacon 11775

STATION INFO: Radio Starshine 3985 via **IRRS** Addr: P.O. Box 520 112, DE-44207 Dortmund, Germany. **Radio Titanic International 6210 & 6261** Addr: SRS, Ostra Porten 29, SE-44254 Ytterby, Sweden. **Radio Gardarika 15605** v/s Dmitri Vasyliiev. Addr: Ligovsky Prospect - 174, RU-192007 Saint Petersburg, Russia. **Seldom Heard Radio 7120** via **IRRS** 36 West Main Street, Warner, NH 03278. **Tower Radio 6306** Addr: P.O. Box 49, NL-7475 ZG, Marello, Netherlands. **Wrekin Radio International 12256** v/s Dave Jones, Addr: same as **Titanic** above. **Radio Racjia 6180** v/s Zmicer Novka, Executive Director. Addr: P.O. Box 144, BLR-220102 Minsk, Belarus...via **PLAY DX**...Sam.

MR. PEDRO M CEREJIO DE SOUTH AMERICA

THE VOICE OF VIETNAM

58 Chien Su Street HANOI Democratic Republic of Vietnam

Date: 18/7/73

VERIFICATION

Thank you for your report of reception

at 10.00 GMT on 2/6/73

on 15.105 kc/s

I'd sure like to shiver her timbers....mate

QSL from RADIO BORDERHUNTER

P.O. BOX 44 - B 2387 - BH BELGIUM

via Kusalik and D'Angelo

ListNER: Richard A D'Angelo, Wagonville, Pa. U.S.A.

date: Sep 7th 2001 freq: 15.795 khz time: 23:45-23:55 UTC

simPo: *23:45-23:55 UTC*

DETAILS:

1. This report is for the station mentioned above. It is not valid for other stations. 2. This report is for the frequency mentioned above. It is not valid for other frequencies. 3. This report is for the time mentioned above. It is not valid for other times. 4. This report is for the mode mentioned above. It is not valid for other modes. 5. This report is for the power mentioned above. It is not valid for other powers. 6. This report is for the antenna mentioned above. It is not valid for other antennas. 7. This report is for the location mentioned above. It is not valid for other locations. 8. This report is for the date mentioned above. It is not valid for other dates. 9. This report is for the time mentioned above. It is not valid for other times. 10. This report is for the frequency mentioned above. It is not valid for other frequencies. 11. This report is for the mode mentioned above. It is not valid for other modes. 12. This report is for the power mentioned above. It is not valid for other powers. 13. This report is for the antenna mentioned above. It is not valid for other antennas. 14. This report is for the location mentioned above. It is not valid for other locations. 15. This report is for the date mentioned above. It is not valid for other dates. 16. This report is for the time mentioned above. It is not valid for other times. 17. This report is for the frequency mentioned above. It is not valid for other frequencies. 18. This report is for the mode mentioned above. It is not valid for other modes. 19. This report is for the power mentioned above. It is not valid for other powers. 20. This report is for the antenna mentioned above. It is not valid for other antennas. 21. This report is for the location mentioned above. It is not valid for other locations. 22. This report is for the date mentioned above. It is not valid for other dates. 23. This report is for the time mentioned above. It is not valid for other times. 24. This report is for the frequency mentioned above. It is not valid for other frequencies. 25. This report is for the mode mentioned above. It is not valid for other modes. 26. This report is for the power mentioned above. It is not valid for other powers. 27. This report is for the antenna mentioned above. It is not valid for other antennas. 28. This report is for the location mentioned above. It is not valid for other locations. 29. This report is for the date mentioned above. It is not valid for other dates. 30. This report is for the time mentioned above. It is not valid for other times. 31. This report is for the frequency mentioned above. It is not valid for other frequencies. 32. This report is for the mode mentioned above. It is not valid for other modes. 33. This report is for the power mentioned above. It is not valid for other powers. 34. This report is for the antenna mentioned above. It is not valid for other antennas. 35. This report is for the location mentioned above. It is not valid for other locations. 36. This report is for the date mentioned above. It is not valid for other dates. 37. This report is for the time mentioned above. It is not valid for other times. 38. This report is for the frequency mentioned above. It is not valid for other frequencies. 39. This report is for the mode mentioned above. It is not valid for other modes. 40. This report is for the power mentioned above. It is not valid for other powers. 41. This report is for the antenna mentioned above. It is not valid for other antennas. 42. This report is for the location mentioned above. It is not valid for other locations. 43. This report is for the date mentioned above. It is not valid for other dates. 44. This report is for the time mentioned above. It is not valid for other times. 45. This report is for the frequency mentioned above. It is not valid for other frequencies. 46. This report is for the mode mentioned above. It is not valid for other modes. 47. This report is for the power mentioned above. It is not valid for other powers. 48. This report is for the antenna mentioned above. It is not valid for other antennas. 49. This report is for the location mentioned above. It is not valid for other locations. 50. This report is for the date mentioned above. It is not valid for other dates. 51. This report is for the time mentioned above. It is not valid for other times. 52. This report is for the frequency mentioned above. It is not valid for other frequencies. 53. This report is for the mode mentioned above. It is not valid for other modes. 54. This report is for the power mentioned above. It is not valid for other powers. 55. This report is for the antenna mentioned above. It is not valid for other antennas. 56. This report is for the location mentioned above. It is not valid for other locations. 57. This report is for the date mentioned above. It is not valid for other dates. 58. This report is for the time mentioned above. It is not valid for other times. 59. This report is for the frequency mentioned above. It is not valid for other frequencies. 60. This report is for the mode mentioned above. It is not valid for other modes. 61. This report is for the power mentioned above. It is not valid for other powers. 62. This report is for the antenna mentioned above. It is not valid for other antennas. 63. This report is for the location mentioned above. It is not valid for other locations. 64. This report is for the date mentioned above. It is not valid for other dates. 65. This report is for the time mentioned above. It is not valid for other times. 66. This report is for the frequency mentioned above. It is not valid for other frequencies. 67. This report is for the mode mentioned above. It is not valid for other modes. 68. This report is for the power mentioned above. It is not valid for other powers. 69. This report is for the antenna mentioned above. It is not valid for other antennas. 70. This report is for the location mentioned above. It is not valid for other locations. 71. This report is for the date mentioned above. It is not valid for other dates. 72. This report is for the time mentioned above. It is not valid for other times. 73. This report is for the frequency mentioned above. It is not valid for other frequencies. 74. This report is for the mode mentioned above. It is not valid for other modes. 75. This report is for the power mentioned above. It is not valid for other powers. 76. This report is for the antenna mentioned above. It is not valid for other antennas. 77. This report is for the location mentioned above. It is not valid for other locations. 78. This report is for the date mentioned above. It is not valid for other dates. 79. This report is for the time mentioned above. It is not valid for other times. 80. This report is for the frequency mentioned above. It is not valid for other frequencies. 81. This report is for the mode mentioned above. It is not valid for other modes. 82. This report is for the power mentioned above. It is not valid for other powers. 83. This report is for the antenna mentioned above. It is not valid for other antennas. 84. This report is for the location mentioned above. It is not valid for other locations. 85. This report is for the date mentioned above. It is not valid for other dates. 86. This report is for the time mentioned above. It is not valid for other times. 87. This report is for the frequency mentioned above. It is not valid for other frequencies. 88. This report is for the mode mentioned above. It is not valid for other modes. 89. This report is for the power mentioned above. It is not valid for other powers. 90. This report is for the antenna mentioned above. It is not valid for other antennas. 91. This report is for the location mentioned above. It is not valid for other locations. 92. This report is for the date mentioned above. It is not valid for other dates. 93. This report is for the time mentioned above. It is not valid for other times. 94. This report is for the frequency mentioned above. It is not valid for other frequencies. 95. This report is for the mode mentioned above. It is not valid for other modes. 96. This report is for the power mentioned above. It is not valid for other powers. 97. This report is for the antenna mentioned above. It is not valid for other antennas. 98. This report is for the location mentioned above. It is not valid for other locations. 99. This report is for the date mentioned above. It is not valid for other dates. 100. This report is for the time mentioned above. It is not valid for other times.

Your report is correct!



f/d "Cartoon Building" cd. in 185 ds. v/s Doris Mussington. (Humenyk-ONT).

ASCENSION ISLAND: United Nations Radio 17580 via **English Bay**. ltr. in 40 ds. (Glotzbach-NM).

ASIATIC RUSSIA: Voice of Russia 13665 via **Petropavlovsk Kamchatskiy** f/d cd. w/ nice personal ltr. in 30 ds. (Klinck-NY). 9495 via **Chita** cd. w/ personal ltr. from Elena Osipova in EG. (Glotzbach). 9490 via **Irkutsk** f/d cd. in 138 ds. (Glotzbach). **True Light Station 9450** via **Petropav-**

* **Radio Educacao Rural-Tefe** 3385 f/d prepared cd. w/ postcard in 28 ds. for a PT rpt., tape and \$1.00. (Kli-
BULGARIA: Radio Bulgaria nck-NY). 11700 via **Plovdiv** f/d "Old Bulgarian Architecture - Zheravna" cd. in 108 ds. (Humenyk). 17500 f/d "Rozhen" cd. in 150 ds. (Humenyk-ONT).
CANADA: Radio Nederlands 15220 via **Sackville** f/d cd. w/ site in 37 ds. (Buer FL). **Radio Korea International** 11715 via **Sackville** f/d cd. w/ schedule, newsltr. and sticker in 156 ds. (Glotzbach-NM). **Radio Canada International** 21570 via **Sackville** 2 f/d cds. w/ schedule and sticker in 27 ds. for 1 IRC. v/s Bill Westenhaver. (Brouillette-IL).
CHINA, PEOPLES REP. OF: Chinese Peoples Broadcasting Station 13725 via **Baoji** f/d cd. in 34 ds. for a taped rpt.

STATION INFO: Swiss Radio International 6165 via **Radio Vatican** v/s E. Niedhammer. Addr: SRI, CH-3000 Bern 15, Switzerland. **Radio Sana'a** 9780 v/s Mohammed H. Bather, Chief Engineer. Addr: P.O. Box 2371, Sana'a, Yemen. **Zambia National Broadcasting Corporation** 6265 v/s Patrick Nkula, Director of Engineering. Addr: P.O. Box 50015, Lusaka. **Radio Reveil et Parole** 9510 via **FEBA** Addr: B.P. 502, FR-75666, Paris, Cedex 14, France. **Radio Australia** 15435 via **Kranji** v/s John Wright, DXer. Addr: ABC, G.P.O. 9994, Sydney, NSW 2001. **Radio Tupi** 9565 Addr: Rua Basilio Itibere 1001, CEP 80215-140 Bairro Reboucas, Curitiba, Parana, Brasil.....via PLAY DX...Sam.

Radio Omroep Zuid
 Shorwave Radio from the Netherlands
 via Edward Kusalik

CHILE: Radio Esperanza 6090 f/d QSL brochure, p/d ltr. and tourist info. in 1 mo. for a taped rpt., EG rpt. and \$1.00. v/s Rodolfo Campos, Director. (Dybka-TN).
CYPRUS: Cyprus Broadcasting Corporation 6180, 7205 and 9760 via **Zyyi** f/d "Building w/ Transmitter Site" cd. in 22 ds. (Humenyk-ONT). **British Broadcasting Corporation** via **MNO** 9410 via **Zyyi** f/d ltr. in 138 ds. w/ schedule. v/s Michelle Franks, Internal Communication Assistant. (Humenyk).

Certificado de Sintonía
Radio Nor Andina
PERU

Estimado Sr. John Sgrulletta:

Muchas gracias por su informe de recepción. Tenemos el gusto de confirmar su control de nuestra emisión en 4461 kHz de fecha 15-12-00 a las 20:04-20:20 horas de Hora de PERU con 1000 v. vatios de potencia.

Radio NOR ANDINA
 Lima
 sello oficial

REAL PIRATE RADIO from IRELAND.
 JRR INT. QSL card.

via D'Angelo

POST BOX 39. WATERFORD.
 IRELAND.

(Klinck-NY). 17580 and 17605 f/d "CNR Building" cd. in 38 ds. (Humenyk). **China Radio International** 11765 (LSB) via **Urumsqi** f/d cd. w/ schedule in 26 ds. (Glotzbach). 15265 f/d "Jiuzhaigui Valley" cd. in 28 ds. (Glotzbach). **China National Radio** 13725 via **Baoji** f/d cd. in 27 ds. (Glotzbach).

CZECH REPUBLIC: Radio Prague 11615 via **Litomysl** f/d e-mail reply in 9 ds. (Glotzbach-NM). f/d "Spark Transmitter" cd. w/ schedule, sticker, Czech map and brochures in 22 ds. for \$1.00. (Barbour-NH). 15545 and 13580 f/d cds. in 25 ds. (Humenyk-ONT).

ECUADOR: Radio Oriental 4780 f/d green "Indian w/ Microphone" cd. w/ personal ltr. and stic-ker in 84 ds. for a SP rpt. & \$1.00. v/s Luis Enrique Espin Espinoza, Gerente General. (Brouillette-IL).

EGYPT: Egyptian Broadcasting and Television Union - Radio Cairo 12050 via **Abis** personal note w/ schedule in 1014 ds. v/s Niveen Laurence. (Glottzbach). 12050 and 15285 via **Abis** f/d "King Tuts Soldiers" cd. in 180 ds. w/ schedule. (Humenyk).

ENGLAND: Radio Canada International 13690 and 21570 via **Rampisham** and **Skelton** f/d cds. in 29 ds. (Humenyk). **Radio Japan** 15495 via **Rampisham** cd. w/ station brochure, calendar and NHK News in 12 ds. (Glottzbach). 7230 via **Woofferton** f/d "Persimmon Drying" cd in 25 ds. w/ schedule and other goodies for \$1.00. v/s T. Yaguchi. (Barbour Jr.-NH). **Radio Telefis Eireann** 6155 via **Rampisham** short f/d ltr. w/ station brochure from Julie Hayde, Broadcasting Developments in 19 ds. (D'Angelo-PA). **HCJB** 12025 via **Rampisham** f/d cd.

QSL

Certificado de Sintonia

Estação **Radio Cultura Araraquara, Sao Paulo, Brazil**
Para **Richard A. D'Angelo**

Agradecemos o seu relato de recepção. Confirmamos a exatidão dos seus detalhes de nossa emissão no dia 16 de Novembro 2000 entre as 00:17 e 00:47 horas na frequência de 3.365 qHz. com watts.

Richard A. D'Angelo ³⁸/₁₂

Assessor Com. de Propaganda

firma e selo

VOICE OF INDONESIA

VERIFICATION CARD

Mr. Richard A D'Angelo

This is to verify your report dated 7 or 9 Nov. 1996 on our English language broadcast on a frequency of 9525 kHz.

Thanks for listening.

LANGUAGE	GMT/UTC	W.L.T.	FREQUENCY(KHz)
ENGLISH I	01.00 - 02.00	06.00 - 09.00	9525 -
ENGLISH II	08.00 - 09.00	15.00 - 16.00	9525 -
ENGLISH III	20.00 - 21.00	03.00 - 04.00	9525 -
INDONESIAN I	02.00 - 03.00	09.00 - 10.00	9525 -
INDONESIAN II	12.00 - 13.00	19.00 - 20.00	9525 -
ARABIC	03.00 - 04.00	10.00 - 11.00	9525 -
MALAYSIAN	09.00 - 10.00	16.00 - 17.00	9525 -
MAHARAJIN	10.00 - 11.00	17.00 - 18.00	9525 -
THAI	11.00 - 11.30	18.00 - 18.30	9525 -
JAPANESE	11.30 - 12.00	18.30 - 19.00	9525 -
SPANISH I	17.30 - 18.00	00.30 - 01.00	9525 -
SPANISH II	18.00 - 19.00	07.30 - 08.00	9525 -
GERMAN	18.00 - 19.00	01.00 - 02.00	9525 -
FRENCH	19.00 - 20.00	02.00 - 03.00	9525 -

W.L.T.: Western Indonesian Standard Time.

STATION INFO: Radio Africa International via **Julich** 13820 v/s Donna Niemann, Executive Producer. Addr: United Methodist Church, 475 Riverside Drive, New York, NY 10115. **Radio La Hora** 4855 v/s Carlos Gamarra Moscoso, Director. Requests \$2.00. Addr: Avenida Garcilaso 411, Wanchaq, Cusco, Peru. **Radio San Antonio** 3375 v/s Jose Gamero. **Radio Union** 6350 v/s Raul Ribbeck Jimenez, Director Gerente. Addr: Apartado Postal 833, Lima, Peru. **Radio Veritas Asia** 9610 v/s Cleofe Labindao, Secretary. Addr: P.O. Box 2642, Quezon City, Metro Manila, Philippines.....via PLAY DX.....Sam.

of "Children in Native Clothing" in 35 ds. ms. v/s John E. Beck, Station Manager. (Buer-FL).

ETHIOPIA: Radio Fana 6940 cd. via registered mail in 80 ds. v/s Woldu Yemmesel, General Manager. (Glottzbach-NM).

QSL

Certificado de Sintonia

Estação: **RÁDIO DIFUSORA DE AQUIDAUANA LTDA.**

Para: **JOHN L. SGRULLETTA**

Agradecemos o seu relato de recepção. Confirmamos a exatidão dos seus detalhes de nossa emissão no dia 21.04.95 entre as 23:56 e 00:43 horas, na frequência de 4.795 qHz. com 1000 watts.



RÁDIO DIFUSORA DE AQUIDAUANA LTDA

firma e selo

EUROPEAN PIRATE: Alfa

Lima International 15070 f/d cd. w/ ltr. in 78 ds. for \$1.00. (Raymond-NH)

EUROPEAN RUSSIA: Voice

of Tatarstan 11665 via **Samara** f/d cd w/ "Honorary Listeners Diploma" info. and a personal note in 32 ds. (Glottzbach). **Voice of Russia** 9480 via **Saint Petersburg** cd. w/ Xmas cd. and a personal ltr. in 129 ds. (Glottzbach) **Deutsche Welle** 15200 via **Krasnodar** cd. in 1 mo (Glottzbach)

Agora sua nova rádio musical



Precisão na hora, na informação e na fé

mail reply in 4 ds. (Glotzbach-NM).

GERMANY: Sudwestrundfunk 7265 via Rohrdorf f/d "Globe w/ Logos" cd. in 33 ds. w/ frequency list and sticker. v/s M. Dieter Langel. (Humenyk).

- * Radio Africa International 11735 via Julich p/d cd. in 18 ds. (Klinck-NY).
- * KAF The Voice of the Lord 15750 via Julich f/d montage cd.

STATION INFO: East Rock Radio 3985 via IRRS v/s Lutz Zony. Addr: P.O. Box 1136, DE-06201 Merseburg, Germany. East Side Radio 6242 Addr: P.O. Box 1136 as above. Free Radio Service Holland 6275.8 Addr: P.O. Box 2702, NL-6049 ZG Herten, Holland. Laser 208 3910 v/s Danny Brown Addr: P.O. Box 840 124, DE-12531 Berlin, Germany. Mike Radio 9290 Addr: P.O. Box 23, NL-8090 AA Wezep, Holland. Radio Antares 3900 Addr: 9 The Hollies, London N11 2EA, England. Black Arrow Radio 15807 and 6282 Addr: P.O. Box 128, NL-9410 AC Beilen, Holland. Use 2 IRCs.....via PLAY DX....Sam.

Voice of the Mediterranean 12060 via Krasnodar f/d cd in 65 ds. (Humenyk). Voice of Tatarstan 15105 f/d cd. w/ ltr. and schedule in 35 ds. for a taped rpt. and \$1.00. (Klinck-NY).

FRANCE: China Radio International 13650 f/d "Glazed Tile Pagoda" cd. in 28 ds. (Glotzbach). Radio France International 11615 via Issoudun f/d "Toucan" cd. w/ schedule in 13 ds. for \$1.00. (Barbour). 15460 e-



Certificado de Sintonía
Radio Frecuencia VH
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 44.85 kHz de fecha 01 Mayo del 2000 a las 19.05 horas de PERU con 0.500 vatios de potencia.

[Signature]
Gerardo S. Tagore Costa
DIRECTOR - GERENTE
firma



w/ station booklet in 9 wks. from the Manila addr. (Craighead-KS). Radio Vlaanderen International 13710 f/d cd. w/ schedule in 35 ds. (Glotzbach).

GUAM: Adventist World Radio

11730, 15265 and 17635 f/d "AWR DIY" cd. w/ QSL stamp in 90 ds. (Humenyk). KTWR 9865 via Merizo f/d "Mount Schroeder" cd. in 122 ds. w/ personal ltr. and schedule. (Humenyk-ONT).

GUATEMALA: Radio Verdad 4052.5

n/d "Man On Antenna" cd. w/ personal ltr., listener chart, calendar and pennant (paper). This in 52 ds. for a SP rpt. and \$1.00. Even rcvd. a "US Tax Deductible" receipt for my \$1.00 rp. v/s Dr. Edgar Amilcar Madrid, Director and Manager. (Brouillette-IL). same as above in 29 ds. w/ new pennant and a 2002 calendar. (Barbour Jr.-NH).

Rio de Janeiro. 16 de outubro de 2001

À
John L. Sgrulletta.

Cari Ouvinte e colaborador:

Acusamos recebimento de vossa carta, e ratificamos sua escuta.

Agradecemos sua colaboração, que é para nós valiosíssima.

Sempre que puder, nos mande notícias, através do nosso e-mail: radiorelógio@hotmail.com.br - estamos remetendo com esta, um adesivo rádio Relógio, como lembrança.

Atenciosamente,

[Signature]
Olinda Coutinho



Certificado de Sintonía
Radio Imperio
PERU



Estimado Sr. John Sgrulletta:

Muchas gracias por su informe de recepción. Tenemos el gusto de confirmar su control de nuestra emisión en 4389 kHz. de fecha 10 Nov 2000 a las 04:50-05:36 horas de Perú con 300 vatios de potencia.

**Q
S
L**

W. Sgrulletta
firma

RADIO IMPERIO S.A.
ULS'S VISIONIZACION DE
SISTEMAS DE COMUNICACION
sello oficial

IRAN: Voice of the Islamic Revolution of Iran 9575, 11660, 11765, 11870, 13790, 15084, 21470 and 21730 via the sites of **Sirjan, Zahedan and Teheran** f/d cd. of "The Tile Works" in 320 ds. Postcards, sticker, travel book, and map rcvd. (Humenyk)

ISRAEL: WRMI Radio Miami International 7385 via **IBA** 4 color cd. w/ schedule in 45 ds. (Glotzbach). **Kol Israel** 17545 rcvd. hand-

written ltr. from Steve Linde, head of their EG news. Also rcvd. station pennant in 29 ds. for 1 IRC. (Barbour Jr.-NH).

JAPAN: Radio Japan 9505 via **Yamata** f/d "Fireworks" cd. w/ sticker and schedule in 23 ds. v/s T. Ohiwa. (Humenyk). **Radio France International** 17710 via **Yamata** f/d cd. w/ sticker and schedule in 22 ds. (Glotzbach-NM).

STATION INFO: Radio Marina International / Radio Nordsee International

6210 Addr: P.O. Box 2209, DE-77612 Offenburg, Germany. **Radio Marabu** 6210 Addr: P.O. Box 1166, DE-49187 Belm, Germany. **Radio Nova International** 6280 Addr: 64 Brighton Road, Leicester LE5 0HA, England. **The Voice of Orthodoxy** 9355 via **Alma Ata** Addr: B.P. 416-08, FR-75366 Paris, Cedex 08, France. **Voice of Kenya** 4935 v/s Robinson Wanjau Githae, Transmitting Station - Chief Engineer. Addr: P.O. Box 38, Morala...via PLAY DX...Sam.

RADIO CAPIXABA
Av. San Andrés, 366 - Cochabamba - Bolivia - E-mail: radiocapixaba@terra.com.bo

OSI - Certificado de Sintonía

Agradecemos ao Sr.(*) SAMUEL BARTO seu relato de recepção. Confirmamos a exatidão dos seus detalhes de nossa emissão no dia 04/09/1992 entre as 19:46 horas de Brasília/Br, na frequência de 4.935 kHz. Com 1000 Watts de potência.

Vitória(ES), 26 de novembro de 2001

Jose Valdemar do Prado
Diretor Geral

NO 2114

JORDAN: Radio Jordan 11935 via **Qasr el Kharana** f/d cd. w/ sticker and schedule in 195 ds. v/s H. Shibli Atoom, Director. (Hume-
KOREA, DEMOCRATIC PEOPLES REP: Radio Pyongyang 13760 f/d cd. nyk). in 69 ds. No postage on envelope. (Raymond-NH).
KOREA, REPUBLIC OF: Radio Korea International 15575 via **Kimjae** f/d "The Seohae Grand Bridge" cd. in 65 ds. w/ newsltr., booklet and report forms. (Humenyk).
MALAGASY REPUBLIC: Radio Voice of Hope 15320 via **Radio Nederlands** f/d cd. in 6 ds. (Glotzbach-NM).

NEWFOUNDLAND: CKZN 6160 f/d cd. w/ ltr. and sticker for \$1.00. and 2 IRCs in 592 ds (Glotzbach-NM).
NIGERIA: Voice of Nigeria 7255 f/d cd. in 71 ds. (Glotzbach).
OMAN: BBC Eastern Relay Station - Masirah Island 11685 n/d ltr. w/ schedule in 59 ds. for a taped rpt. (Klinck-NY).
PERU: Radio Comas 4880 ltr. w/ certificate



Certificado de Sintonía
Radio del Pacifico
PERU



Estimado Sr. John Sgrulletta:

Muchas gracias por su informe de recepción. Tenemos el gusto de confirmar su control de nuestra emisión en 4975 kHz. de fecha 27 de abril de 2000 a las 21:15-22:02 horas del Perú con 5.000 vatios de potencia.

**Q
S
L**

Jose Sgrulletta
firma

COMISION NACIONAL ONDAS DEL PERU
RADIO DEL PACIFICO
ABARTADO 4236
LIMA - PERU
sello oficial

schedule, note pad and a plastic bag in 16 ds. (Glotzbach)

PHILIPPINES: Radio Vaticana
6020 f/d cd.
w/ schedule & stickers in 133 ds. (Glotzbach). **Radio Veritas Asia**
11820 f/d "International Year of the Family" cd. in 60 ds. for 2 IRCs. Schedule and report forms rcvd. v/s Ms. Cleofe Labindao, Audience Relations Officer. (Brouillette-IL).

POLAND: Radio Polonia 9525 f/d "Globe w/ Logo" cd. in 82 ds. w/ schedule ltr., and report forms. (Humenyk).

PUERTO RICO: AFRTS 6458 f/d ltr. in 40 ds. v/s April Ball. (Humenyk-ONT).

STATION INFO: Radio Jordan 11690 v/s Al Hattham Shibli Atoom, Director. Addr: P.O. Box 909, Amman. **Houa Phanh Radio** 4661 Addr: Houa Phanh Radio, 07000 Houa Phanh, Laos. **Radio Station ELWA** 4760 v/s Moses T. Nyantee Addr; P.O. Box 192, Monrovia, Liberia. **XEPP Radio Educacion** 6185 v/s Miss Lidia Camacho. Addr: Apartado Postal 21-940, MEX-04021

Mexico DF. **Namibia Broadcasting Corporation** 3290 v/s P. Schachtschneider, Manager. Addr: P.O. Box 321 Windhoek. **Radio New Zealand International** 15160 v/s Adrian Sainsbury, Frequency Manager. Addr: P.O. Box 123, Wellington, New Zealand...via PLAY DX...Sam.

JOLLY ROGER RADIO IRELAND

Dear John,

What a nice surprise to hear from you and to know that we have been heard quite clearly in Malaga in Malaga in NY. Thanks also for your e-mail report.

You did hear our signal on 6.239 kHz. from 0317-0405 UTC. You noted our signal report as SINPO 33222. Your details were indeed very correct.

The signal you heard came from near Waterford in SE Ireland on September 3rd, 2001. The power we used on 6.239 kHz was 185 watts. This was fed through a dipole antenna, which is suspended about 30' at the three points. The transmitter has 3 x 807 valves and is a homebrew. It was made by friends at Britain Radio Int. and modified last Easter by some of the crew at Laser Hot Hits to 185 watts.

The first part of your report related to our transmission John, but the end part related to Radio Casanova from Holland. These people come on what frequency or if they have been on this frequency for years. Like we have. Recently during night time and early morning transmissions our signals have been heard in various parts of the USA including Nashville, where lots of our music comes from those days, as well as Canada, Scandinavia and mainland Europe.

The show you heard was a relay of Laser Hot Hits, some of their DJ's were on Radio Caroline last year, hence the mention of Radio Caroline and time checks. Big Bill's Country Classics (JRR1) followed this show. Big Bill is from Pennsylvania in the USA and he sends some regular programmes for transmissions.

The rest of the DJ line up on JRR1 is Eddie Russell from Texas, he used to be a DJ with the Willis Nelson & Outlaws for Peace on the radio station out of Costa Rica (Radio For Peace International RFP1). By the DJ comes from Denmark. Chris Williams and Tony Stevens from the UK, Chuck Wilson and myself from Ireland.

We have relayed some South American pirates recently including Radio Cochiquan. Radio Blanesque as well as Laser Hot Hits, Britain Radio International and we are waiting for Northern Music Radio relay from Finland this week end. So perhaps you will hear this station as well.

If you know any good American SW Pirates we would gladly relay them over the air for an exchange relay, or just relay them free from Ireland.

If you care to contact us by e-mail please use JR_Radio@HotMail.com for a fast reply. Our website on the Internet is fairly popular as well as we have got over 3,000 visitors in just over a year.

Regards to you and your family at 237 Buffet Hole Road (I love the street name).

We will be on air 14 years this November, and to date we have never heard from the Department of Communications here in Waterford.

Well dear friend, thanks again for writing.

I remain yours as Free Radio.

Joe Vincent & all the DJ's

Thanks for being out there, it makes it all worthwhile.

**JRR1 Post Box 39, Waterford. IRELAND.
EUROPE.**

On the Web: <http://jrr1.net/>
E-mail: JR_Radio@HotMail.com

Republic
of Tatarstan



Tatarstan
Awazy

HONORARY DIPLOMA

Awarded to Wendel.....
Coalghead, Kansas.....
U.S.A.....

No. 015
Date: 17.11.2001

for sending in 12 correct
reception reports during
a period of 12 months.

Editor-in-chief RS /Remzil Valiev/
QSL manager RS /Tidus Tbatullin/



Designed by: Fullpage design, Tatarstan, Russia, © 2001.



SINGAPORE: Swiss Radio International 9540 f/d cd. in 142 ds. for \$1.00. (Raymond).

SOLOMON ISLANDS: Solomon Island Broadcasting Company 5020 cd. in 478 ds. (Glotzbach).

SOUTH AFRICA: BBC 6190 and 7120 via **SENTECH Meyerton** f/d cd. in 26 ds. w/ schedule. v/s Kathy Otto. (Humenyk).

SPAIN: Radio Exterior de Espana 17755 via **Noblejas** f/d cd. in 57 ds. w/ schedule and report forms. (Humenyk-ONT).

SRI LANKA: Radio Japan 11880 via **Ekala** f/d "Autuma at the Asagiri Highlands" cd. in 27 ds. w/ schedule, report forms and station guide. (Humenyk).

SWEDEN: Radio Sweden 9495 and 18960 f/d poster w/ schedule in 9 ds. v/s C. Adlir. (Humenyk-ONT).

SYRIA: Radio Damascus 12085 via **Adhra** f/d "Globe w/ Logo" cd. in 287 ds. w/ sticker, schedule and a copy of the Syrian Times. (Humenyk).

GAZETA



fm 88.1

STATION INFO: Radio Voz Christiana 21500 v/s Valeria de Almeida, DJ Presenter and Bernice Ramirez, Gerente of Portugues Service. Addr: 15485 Eagle West Lane, Suite 220, Miami Lakes, FL 33014. **Falun Dafa Radio** Addr: P.O. Box 117, Buford, GA 30518. **Voice of China** 9450 Addr: P.O. Box 273538, Concord, CA 94527. **Voice of Ethiopian Mehdin** via **DTK Julich** v/s Walter Brodowsky. Addr: TDK, Rundfunksendestelle, Mefischer Hoehe, DE-52428 Julich, Germany. **La Voz del Llano** 6115 v/s DXer Rafael Rodriguez R., QSL Manager. Addr: Apartado Aereo 67751, Bogota, DC Colombia. **Radio Difusora Nacional de Colombia** 9635 v/s Athala Morris, Directora. Addr: Instituto Nacional de Radio y Television, RDF, Avenida el Dorado CAN, Bogota, DF. **Radio Abkhazia** 9489 v/s Zubar Argun, Director. Addr: National Library of Abkhazia, Krasnodar District, P.O. Box 964, 354000 Sochi, Russia. **Advertiser World Radio** 7230 v/s Lina Lega, Secretary. Addr: C.P. 383, IT-47100 Forli...via PLAY DX...Sam.

Radio Bandonica

pobex 663 cc 7900 AR
Hoogveen
Holland



FOR *Richard D'orge*

At first i would like to thank you for your reception report. We find it a corect one and enjoyed reeding it. Hopefully you will catch our signal again. in the last few years we are working a lot on 48 and 26 m.b. We are active on shortwave now since 20-11-1997. but had already 23 years of expirance with free radio broadcasting. The transmitter is a rohde & schwarz sk-50, and the power we used at that time was. ~~2500~~... The antenna is a half wave dipole inverted V 12 metrs above ground level. We don't have a regular program and frequency. But 48 and 26 metre band are our favorite parts of the shortwave band. Till you write us again, best wishes from Bandonica radio.

Date of transmission *21 Aug 2000* time *0800* / *0800* UTC
Freg. *48* / *26* KHZ

TAIWAN: Radio Taipei International 15265 via **Paoc-hung** cd. w/ schedule and sticker in 21 ds. (Glotzbach-NM).

TURKEY: Voice of Turkey 9445 via **Gakirlar** f/d "Souvenirs" cd. w/ schedule and pennant in 50 ds. (Humenyk)

I'm going to end it here. We have a few more QSLs but they will be in next months column

Best of QSLing.....

Net Notes

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

The 60m band is toast...

DXers on or near USA's east coast have a new enemy to deal with. We have an invading marauder that destroys the 60m tropical band. Our favorite stations from Africa, Asia, Oceania and the Pacific are mostly gone, virtually impossible to hear.

Most members will remember the decade-plus-old infamous Russian woodpecker broadband signal that created a cottage industry of noise filters specifically designed to nuke the woodpecker signals.

Now we have a US-invented pest. This is a long-range HF radar system manufactured by a company called CODAR. The radar does real-time ocean current mapping to distances almost 200 km from shore.

Far below our radar screen, the HF radar history dates back to 1955. The company was formed in 1983 by ex-NOAA personnel. There are three radar sites, two on the west coast and now there is one near Barnegat, NJ.

Regular participants in the IRC Starchat room #swl/ noted the annoying signal a few months ago, and the information came to light.

So what's the problem? The operating range is 4.5 to 5.5 MHz! Rated

power is 40w (80w peak). The modulation is Pulsed Swept Frequency CW, with a sweep bandwidth of 12.5-50 kHz. The signal is vertically polarized, thus a low take-off angle.

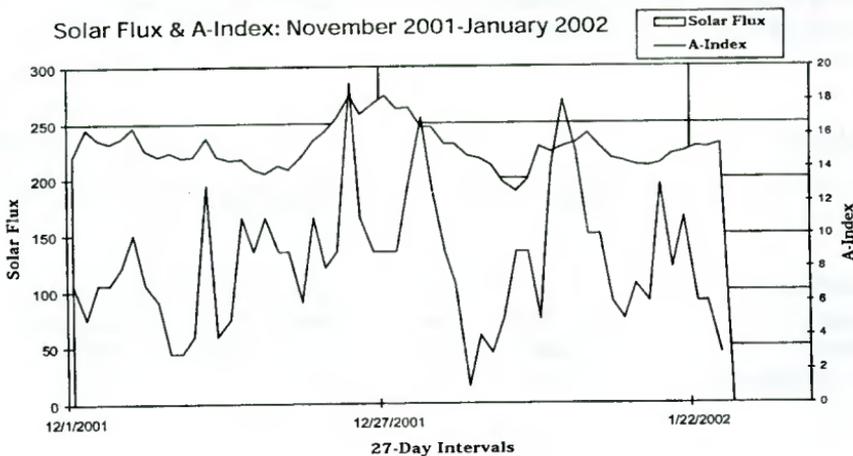
According to reports noted in #swl/, the Barnegat radar transmitter signals are very strong in NJ, PA and around the NYC and Washington, DC/northern VA areas. The rapid blips have been noted in Canada, Ohio, North Carolina, The Netherlands, Norway and Brazil. The radar blips seem to most often cover approximately 4850 to 4950 kHz, but all listeners have noted this signal above and below this range. None of us can believe this signal is just 40w.

I often used Ghana on 4915 as an indicator of how early I could hear Africans in the fall and winter afternoons. Now I can only listen when the signal peaks at sunset. Ralph Brandi, the NASWA Journal's guru, spends a lot of time digging out the weaker 60m signals, but the going is very difficult. And the horror stories just go on and on.

I just don't understand how the FCC can allow such a device on a broadcast band used by USA broadcasters and NBS-WWV. Read the details and weep:

www.codaros.com

www1.etl.naa.gov/codar/



Contributors' Page

Bob Montgomery • P.O. Box 1458 • Levittown, PA 19058 • RMonty3@worldnet.att.net

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA	NRD-545 AOR AR-7030 100' LW
Sean BARBOUR, NH	ATS 818, RS antenna system
Jerry BERG, Lexington, MA	R8A 165' LW
Mike BEU, Austin, TX	Drake R8B, terminated delta loop
Ralph BRANDI, Tinton Falls, NJ	AOR7030, R8, 250' longwire
Paul BROUILLETTE, Geneva, IL	Drake R8, ICF2010, 60' long wire
Peter COSTELLO, Matawan, NJ	AR3030 DX-390 YB400 70' LW Tun-4A
Rich D'ANGELO, Wyomissing, PA	Drake R8B, Lowe HF-150, DX Sloper
Mark FINE, Remington, VA	Drake R8A, 150' longwire
Bob FRASER, Cohasset, MA	Sony ICF-2003 ICF-SW100S 2m LW
George GLOTZBACH, Santa Fe, NM	R8B ARA-60
Bob HILL, Littleton, MA	Sony 2010 100' dipole at 35'
Jerry LINEBACK, Scranton, KS	Icom 746 beverage antennas
George MAROTI, Mt. Kisco, NY	R8B, 2010, 30/45 m. dipoles
Phil MARSHALL, Bradenton, FL	Icom R-75, Alpha Delta DX Sloper, 80' LW
William McGUIRE, Cheverly, MD	DX-380
Jim MOATS, Ravenna, OH	DX398, DX440, and indoor dipoles
David MUEHLING, Portsmouth, NH	Sat 800, 40' antenna
Gary NEAL, Sugarland, TX	Grundig YB-400
Ed NEWBURY, Kimball, NE	WJ-1000, R8, 60' sloper, 20' loop
Karl RACENIS, MI	Icom R-9000, Eavesdropper & Datong ant
Tom WILLIAMSON, Peterborough, ONT	HF-225, R-1000, 60 m. Delta loop, 80' inverted v
Dan ZIOLKOWSKI, Hamburg, NY	info not available

Strange weather here in the northeast and some surprise DX has been heard. Hope to see some of you at the winter fest.

73

Bob Montgomery



There are still a few copies of the December 2001 Journal here. This issue contains the latest Complete English Schedule. New members who started with the January issue can get one by sending \$2.00 to NASWA, 45 Wildflower Road, Levittown, PA 19057-3209.

Tropical Band Loggings

Sheryl Paszkiewicz • 314 Riverview Drive, Apt 16 • Manitowoc, WI 54220 • spasziewicz@yahoo.com

Before we begin this month, I want to both thank and apologize to TOM WILLIAMSON, who has been sending me some great loggings. Unfortunately, I was putting them in the CIDX Messenger instead of the Journal. Tom is a Canadian and I assumed his loggings were for CIDX. His latest are included here.

- 2485 **AUSTRALIA ABC NT Service 0949** 12/12/01 C&W, YL w/ABC ID (Mars-FL)
- 2850 **KOREA-NORTH KCBS Pyongyang(P)** 12/22 1251 very weak, music (Ziol)
- 3205 **NEW GUINEA R. Sandaun** 12/30 1159-1210+ OM in Vern, EG TC, eg NX @1200 //4890, fair(Line-KS)
- 3222.1 **TOGO Radio Kara (tentative)** 12/13 0615 talk in French; decent signal until clobbered by a ute at 0625; ute off at 0635, but signal degraded (Bran-NJ)
- 3235 **NEW BRITAIN RWNB** 12/30 1158-1210+ YL in Vern, drum IS, Island mx, poor under UTE (Lineback-KS) 1/9 1150-1203 Finally after 3 weeks or so, some 90 meter PNG's! Choral music at tune-in, then the OM DJ took a listener's phone call. Some decent propagation with low noise on the band; SINPO 24343. Re-check at 1203 had some UTE QRM that wasn't there before. (Maroti-NY)
- 3240 **SWAZILAND TWR** 12/24 0315, Talk by om in lang, Weak (Beu-TX) 12/19 0258, EG/vernac, IS w/ clear ID's repeated in EG. Brief EG intro then M *in vernac t1k. Faded out very quickly. (Brouillette - IL)
- 3255 **SOUTH AFRICA 3255** 12/27 2103 BBC Relay BBC news by man and woman // 6190 (also Meyerton); very weak. (Hill-MA) 12/19 0305, EG, BBC WS news. Very good on peaks, but mostly in the mud. (Brouillette - IL)
- 3275 **PAPUA R. Southern Highlands** 1/3 1147 Vern pops, poor (Lineback-KS) 1/9 1155-1156 Presumed to be them, with typical vocals heard on the PNG stations. SINPO 24342. (Maroti- NY)
- 3279.5 **ECUADOR Radio María Ecuador via La Voz del Napo** 1/3 0847-0915 long religious talk by a man followed by choir vocals with an ID at 0858. Fair. (D'Angelo-PA)
- 3315 **ADMIRALTY ISL R. Manus** 1/9 1156-1204* Weak at tune-in, talk by YL as they were signing off; choral national anthem, then bird calls. (Maroti-NY)
- 3320 **SOUTH AFRICA R. Sondergrense** 12/19 0314, AK, M DJ pop/rock px. Good, but fading fast. (Brouillette - IL)
- 3325 **KALIMANTAN RRI Palangkaraya** 1/12 1359 Indo pops, OM in Indo, IS, nx, good, better than 4753, (Lineback-KS)
- 3365 **INDIA AIR New Delhi(P)** 12/22 1233 YL tlk, them OM tlk, a short yl vocal, SC style, more OM tlk. Weak, in clear. Hindi. 1258 stronger, vocal music. 1300 strange segment with animal sounds, dog cat chickens. 1302 om voel (Ziolkowski-WI) 12/27 1321, Subcontinental mx, Fair (Beu-TX)
- 3375 **BRAZIL R. Educadora** 12/12/01 0941 Pop Mx, Jingle ID @0944 Fair (Marshall-FL) 12/21 1003 talk in Portuguese, ID "Radio Nacional, Amazonas, Brasil" and frequency information @ 1022 (Brandi-NJ)
- 3385 **NEW BRITAIN RENB Rabaul** 1/3 1143-1203* Pulled plug in middle of vern pops, poor (Lineback-KS)
- 3905t **NEW IRELAND RNI** 12/30 1155 Vern pops, poor (Lineback-KS)
- 3945 **JAPAN R Tampa** 2/29 1245 JP tlk, mx, anmts (Will-ON)
- 3985 **ITALY IRRS** 12/12/01 0527 EG IS, ID in EG, some ARO QRM, Pgm intro, talked about upcoming SSB bcst Good Signal (Marshall-FL)
- 4010 **RUSSIA V of Russia** 1/5 1143-1158 Hoping to hear Kyrgyzstan, I finally got some audio out of this one. Although SINPO was only 14231, the cadence of the OM announcer sounded like Chinese. Some music with vocals was heard until 1158

- when I heard the VOR interval signal. According to PWBR, VOR is scheduled to be on this frequency via Vladivostok with 100 kW the entire winter. No joy. (Maroti-NY)
- 4052.48 **GUATEMALA R. Verdad** 12/11 0244 SP, M 'in reflective r1g t1k, piano solo mx. Vy good. (Brouillette - IL) 0300-0505* SP rel pgming with talk, marimba mx, vibraphone mx, choral mx. EG ID anmts with addr, asking for reports at 0311 & 0404. S/off with 4 minute long NA. (Alex-PA) 11/25 0021 rel mx, Messiah (Barb-NH)
- *4062 **CLAND V of the People of Kurdistan** 0315 Tune-into martial mx. Talk in lang. Koran at 0322. Weak. Stronger on // 6995. (Alex-PA)
- 4389.0 **PERU R. Imperio 0915** 12/12/01 SP Huaynos, OM screaming ID @0919, fair despite UTE QRM (Marshall-FL)
- 4600.3 **UNIDENTIFIED** 0112 A Latin here with mostly Andean ballads and hyper DJ in Spanish; very weak amid extremely noisy conditions. Faded down below audibility before 0200. Not readable any day since. (Hill-MA)
- 4725 **BURMA Myanmar Radio** 12/25 1150 music, talk in language with possible ID and mentions of Yangon and Myanmar, definite IS @ 1200, into news; playing songs "Silver Bells" and "Silent Night" at 1217 recheck (Brandi-NJ)
- 4760 **INDIA AIR Pt. Blair** 1/12 1200 presumed fading in before 1200 and out by 1215, YL in lang, very poor, best on 70 degree ant. (Lineback-KS)
- 4760 **LIBERIA ELWA Monrovia** 1/1 0627 Soft local music and announcements in English read by man. Letters to the station were read at 0633. Good, readable signal with no interference, despite unusually high noise levels on the 60mb that have prevailed most of this evening. (Fine-MA)
- 4775 **INDIA AIR Imphal** 12/29 1247 talk in lang, SC mx (Will-ON)
- 4790(p) **INDIA AIR Chennai** 12/16 0000, lang (Tamil?), M 'in t1k, vy rustic flute mx w/ drumming and chanting, probable nx items for a while, then typical Indian film songs around 0025. Fair and fading out fast. (Brouillette - IL)
- 4800 **GUATEMALA R Buenas Nuevas** 11/2 1209 mx, ID (Barbour-NH)
- 4800 **INDIA AIR Hyderabad** 12/29 1232 talk in lang, severe het (Will-ON)
- 4810 **ARMENIA V of Armenia** 0334-0505+ Tune-in to talk in lang. Lcl mx with a mid-east flare. Choral mx at 0400-0430. Talk in lang at 0430. (Alex-PA)
- 4830 **VENEZUELA R. Tachira** 12/11 0300, SP, LAm ballad-style pop mx. Heavy QRM from Honduras. (Brouillette - IL)
- 4830.1 **HONDURAS R Litoral** 12/24 1153 SP vocal music, male. OM SP between songs, strong, good audio. ID 1158, 1159. (Ziolkowski WI) 0355-0457* Tune-in to xmas mx. Rel mx. Short EG rel messages. IDs. Canned SP anmts. "Searchlight" EG rel pgm at 0428-0453. (Alex-PA) 12/11 0300, SP, ID and mostly unintelligible mess (Brou-IL) 12/23 1157 ID, Bible readings (Will)
- 4850 **INDIA AIR Kohima** 12/14 1230 long talk, instl mx (Will-ON)
- 4860 **INDIA All India Radio** 12/25 1233 news in English, followed by news in vernacular, many mentions of Pakistan as tensions increase and the two countries prepare for war in the wake of the terrorist attack on the Indian parliament, ID as "Doordarshan" @ 1240 at beginning of yet another newscast in yet another language (Brandi-NJ)
- 4880 **INDIA AIR Lucknow** 12/23 1213 IS, Vande Mataram, s/on anmts (Will-ON)
- 4890 **PAPUA NBC** 12/24 1318, Midnight Christmas Service (Neal-TX).
- 4895 **INDIA AIR Kurseong** 12/8 1223 talk in lang, TP, ID 1230 (Will-ON)
- 4895 **SARAWAK RM Kuching** 1/5 1355 Lang pops, fair but hrd only on 315 Bev. (Lineback- KS)
- 4905t **TIBET Xizang PBS** 12/30 1237 presumed Mandarin tlk, orch mx //4920, 5240 (Will-ON)
- 4910 **INDIA AIR Jaipur** 12/27 1240 talk in lang, poss nx (Will-ON)
- 4919 **ECUADOR R. Quito** 12/11 0306, SP, ID, wx, nx. Strong carrier, but terrible modulation. Too bad, one of few 60mb Latins w/ detailed regional nx px. (Brouillette - IL) 11/25 0347 mx, ID, seemed to ment "South America." (Barb)

- 4930 **DOMINICAN REP R.Barahona** 12/19 0400, SP, Continuous bachata mx w/ no anns.Strong. (Brouillette IL) 0230-0357* SP chatter. IDs.Ads, promos, LA mx. Abrupt s/off. Good (Alex-PA) 11/24 1000 horns, drums, ID, nx (Barb)
- 4939.5 **VENEZUELA R.Amazonas** 1/1 0355-0430+ LA mx, SP talk. Sirens at 0359-0401 to celebrate the beginning of the new year. Phone talk, ID. Poor in noise.(Alexander-PA) 11/25 0111 mx, anmts (Barb-NH)
- 4940 **INDIA AIR Guwahati** 12/29 1222 talk, poss drama pgm, songs (Will-ON)
- 4950 **KASHMIR AIR Srinagar** 12/29 1239 instl mx, anmts (Will-ON)
- 4960 **ECUADOR R.Federacion** 0030-0057* SP ballads/pop mx.Rel recitations at 0050. Lcl distinctive folk MX. S/off with bouncy march tune. Fair.(Alex-PA)
- 4960 **INDIA AIR Ranchi** 12/29 1236 talk in lang, poor (Will-ON)
- 4965 **ZAMBIA Christian Voice** 12/8 2048 lang, Christian mx (Will-ON)
- 4976 **UGANDA R. Uganda** 12/30 0350 lang. talk at 0350 with many ments. of Pakistan, 0400 brief anthem-like mx, then EG nx, starting with main points. Several ments. of Uganda noted. (Berg- MA) 12/19 0406, EG?, mx w/ heavy drum rhythm. 0410 into acapella hymn,deep-voiced M anncr w/ possible nx items. Lang sounds EG but unsure due to QRN and anncrs *incredible* deep voice. (Brouillette - IL) 12/18 0400 national anthem, ID in English, into news, ID again at 0415, public service announcement telling people to get HIV tests before getting married, provided by a division of the Ministry of Health, ID again @ 0420 (Brandi-NJ) 12/14 2100* Afro pop mx, closing anmts (Will-ON)
- 4980 **VENEZUELA Ecos del Torbes** 11/24 2239 DJ anmts, freq, ID (Barbour-NH)
- 4990 **INDIA AIR Itanagar** 12/9 1215 Indian instl mx, long talk (Will-ON)
- 4991 **SURINAM Radio Apintie** 1/1 0726 Popular music played with DJ-like announcements in Dutch by man. ID given at 0728. (Fine-MA)
- 5009.8 **DOMINICAN REP R.Pueblo** 12/4 2300 SP, Mi t1k, ID a TOH. QRM CPBS Beijing. Fair. (Brouillette - IL) 0200-0237* SP anmts, LA mx. , SP ballads. Ids. S/off with NA. (Alex-PA)
- 5010 **CHINA CPBS-Beijing** 12/4 2300, CH, M & Win alternating nx items. Usual format. (Brouillette IL) 2227-2235+ EG lang lesson. Fair but slight QRM from R.Pueblo on 5009.78. (Alex-PA)
- 5010 **HONDURAS HRMI** 0345-0414* Irr. Reduced carrier USB. SP rel (Alex-PA)
- 5020 **SOLOMON ISL SIBC** 12/24 0850-0920+ xmas mx. Lcl pop mx. Country mx. EG xmas message at 0901. Prayer. Choir mx. Fair. (Alexander-PA)
- 5030 **SARAWAK RM** Kuching, 1346 Jan 5, EG oldies, YL in lang, fair (Line-KS)
- 5035.2p **BRAZIL R. Aparecida** 12/4 2308, PT, M in Catholic rlg t1k, many mentions of the Pope.(Brou)
- 5040 **INDIA AIR Jeypore** 12/20 0023 tone, IS, Vande Mataram, s/on anmts (Will)
- 5050.09 **TANZANIA Radio Tanzania** 12/18 0330 news reports, IDs as "Radio Tanzania" at end of some reports, mentions of report location as Dar es Salaam at end of others; fading away by 0355 (Brandi-NJ) 12/14 2100* closing anmts, choral anthem (Will-ON)
- 5460 **PERU LV de Bolivar** 1/1/02 0455 SP Mx, OM w/IDs & New Year's greetings, TC @0459 and more mx Fair (Marshall-FL)
- 5486.6 **PERU Reina De La Selva** 12/12/01 1009 SP MX, Long ID after 1010 TC, more mx @1002 Very Good (Marshall-FL)
- 5678 **PERU R. Ilucan** 1/2/02 0125 SP Usual mx, OM w/IDs Good (Mars-FL)
- 5761.1 **UNIDENTIFIED** 5761.1 UnID 1132 Someone here with solo vocals accompanied by orchestra; a couple of announcements by woman with high-pitched voice. Extremely poor; fading fast (Hill-MA)
- 5770 **NICARAGUA R.Miskut** 1/4 2352 Relaying VOA SP, editorial (Bran-NJ) 2345-2358* Irr. SP talk, ID. SP ballads. S/off with NA. Fair-good. (Alex-PA)
- 5800 **BULGARIA R Bulgaria** 12/11 2235 Time Out for Music //7500 (Fraser-MA)

Glad to see Phil Marshall's logs. We needed some Florida reporters—sp



International Band Loggings

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

- 5925 **RUSSIA R Center** via St Petersburg in RS/EG 0300, mainly RS, some EG relig tlks, ID's, heavy rock mx, radiocenter.net for Internet QTH, test xmsns (Berg MA 12/23, Brandi NJ 12/24)
- 5940 **RUSSIA V of Russia** via Armavir relay in EG 2030, "Russia-People & Events", tlk abt 16th century Patriarch of Russia, f (Fraser MA 12/18)
- 59544 **GUATEMALA R Cultural** in SP 0915, holiday mx pgm, vg, //3300 (Marshall FL 12/31)
- 59752 **COLOMBIA R Macarena** Villavicencio in SP 0645, bcst of New Year's celebrations w/live audience, continuous live mx (guitar and horns), ancmts, g until V of Hope s/on 0656 (Fine VA 1/1)
- 5985 **CONGO R Congo** Brazzaville in FR 2001, ID, tlk abt Noel & children, nx, nx (Brandi NJ 12/24)
- 5990 **BRAZIL R Senado** Brasilia in PT 2232, "Witch Craft", "Girl from Ipanema", full ID w/call letters, fqy, into PT vocals, QRM from China R Int Havana relay at 2300 s/on (Berg PPDx/ME 12/7)
- 5995 **MALI Mali R** Bamako in FR 2220, nice African mx, ID, conversation, f (Muehling NH 1/13)
- 6010 **MEXICO R Mil** in SP 0931, SP version of US rx, ID, more pop tunes (D'Angelo FCDX/PA 12/18)
- 60113 **PERU Radio LTC** Juliaca in SP 0950, strident speech, big brassy OA mx, TC, ID (Berg PPDx/ME)
- 6035 **IRAN VOIRI** in EG 0045, nx, ID 0049, f-g reception, vp on //6135 (D'Angelo PA 1/12)
- 6045 **GERMANY D Welle Wertachtel** in EG *0300, IS, ID, rpt on fighting in Afghanistan (McGuire MD)
- 6055 **RWANDA R Rwanda** Kigali in EG 1840, tlk at conf on lcl development, QRM (Berg ME 12/8)
- 6070 **CANADA CFRX** Toronto in EG 1146, MW relay CFRB, interview of Disney skaters, ID, wx rpt for Xmas, tlk on Boxing Day, lotto #'s, ad, f (Glotzbach NM 12/23)
- 6100nf **CENTRAL AFRICAN REPUBLIC R Centrafrique** in SH? 2024, after 2030 the lang sounded more like Creole or FR, ID 2035, s/off at 2100 after NA, bad QRM from co-chan Iran (Hill MA 12/26) in FR 2055-2126*, tlk, instrum'l mx, nx 2100, s/off ancmts, f (D'Angelo PA 1/1)
- 6115 **BELARUS Belarussian Radio 1** Minsk in Belarus 0604, ads, ID, tlks, anmts, vg (Marshall FL 12/12)
- 6130 **LAOS Lao National R** in Laotian 1146-1204, indigenous vcls, familiar 7 gongs prior to 1159 ID, nx, instrumental mx, p-f signal with choppy audio (D'Angelo PA 12/28, Ziolkowski WI 12/31)
- 6150nf **CYPRUS NORTHERN Bayrak R Int** in EG 2157-2206*, ballads, New Year's greetings by DJ, ID as "Bayrak Radio International, the voice of the Turkish Republic of Northern Cyprus, s/off with NA, f (Maroti NY 12/31) heard daily since 12/15 around 2157 after CRI relay from France goes off air, TK NA and s/off at 2201 (Hill MA)
- 6185 **IRAN VOIRI** Sirjan in Armenian 1703, soft orch mx, //7230, 9780, vg (Hill MA 12/15)
- 6205 **VATICAN CITY Vatican R** in CH 2230, CH pgming, IS for 4 minutes to 2245* (Alexander PA)
- 6230v **ALBANIA TWR** relay in RS 1935-1945*, RS duet, orch mx, IS at s/off (Berg PPDx/ME 12/8)
- 6245 **RUSSIA R Radonezh** via Samara in RS 1902, large group relig vcls, tlks, ID, orch mx (Berg 12/7)
- 6265 **ZAMBIA ZNBC** Lusaka in Vernacular 1903, African vcl mx, tlks, prgm preview?, applause 2000 (Berg 12/7) in Vern 2352, tribal mx, ID, nx 0000, f (D'Angelo PA 12/31)
- 6280 **ISRAEL Kol Israel** Tel Aviv in EG *2000, nx, financial nx, ID's, into FR 2030 (Alexander PA 12/25)
- 6296v **PERU R Union** Lima in SP 0810, tlks, OA folk mx, usual distorted wobbly sig (Alexander 12/15)
- 6790nf **CHINA China Nat Radio 5** in CH 2132, "Taiwan Service 2", CH vcls, tlks, p-f (D'Angelo PA 12/18)
- 67975v **PERU R Ondas del Rio Mayo** in SP 0110, OA folk mx, ancmts, ID, rustic mx, s/off anmts and off at 0137, weak sig in noise, only l kw xmtr (Alexander PA 12/24)
- 68167 **PERU LV de las Huarinjas** in SP 0343, huaynos, TC, ID, bad QRM, only 250 watts (Marshall FL 1/1)
- 6940 **ETHIOPIA Radio Fana** Addis Ababa in Amharic 0340, nice Horn of Africa mx, tlks, //6210 weaker (D'Angelo FCDX/PA 12/18, Berg ME 12/8)
- 7125 **GUINEA R Guinea** in FR 0745, school pgm "Radio Scolaire" for "les enfants" (Brandi NJ 12/19)
- 7175 **ITALY-SICILY RAI Radiodue** in IT 0712, phone conversation, ID, tlk re Euro, //Real Audio feed found on Internet (Brandi NJ 1/3)
- 72103 **BENIN R Benin** Cotonou in FR *0555, tlk, ID, QRM Belarus and BBC after 0600 (Brandi NJ 1/4)
- 7210 **QATAR QBS** in AR 2110-2130*, nx re Pakistan/India standoff, vcls, ID, NA, g (D'Angelo PA 12/27)

- 7210 **BELARUS R Minsk** in EG 0300, nx, cmntry, ID's, sked, addr at 0329*, g (Alexander PA 12/16) in EG *2130, IS, multi-lang s/on, ID's, nx (D'Angelo PA 12/27) ED: listed in EG T/TH's only
- 7215 **UZBEKISTAN R Tashkent** in EG 0123, lcl mx, asking for EG ads, many ID's (Brandt NJ 1/5)
- 7230 **SLOVAKIA R Slovakia Int** in EG *0100, IS, ID, "Slovakia Today", fgy, sked (McGuire MD 12/30)
- 7235 **UNITED KINGDOM R Canada Int** relay Skelton in FR/EG 2100, end of FR xmsn and into EG, ID, fgy, sked, "Canada Today", f (McGuire MD 12/17)
- 7290 **GREECE VOA** relay Kavalla in EG 2230, rpt on Jewish life, "News Now", ID, p (McGuire 12/28)
- 7290 **INDIA AIR** Thiruvananthapuram regional service in HD 0227, "Song of India" IS, s/on anmts, YL and OM swapping mike after 0230, weak, bad QRM, //7140 Hyderabad (Hill MA 12/21)
- 7295 **MALAYSIA RTM Radio 4** Kajang in EG 1203, nx, TC, mx, DJ, ham QRM (Brandt NJ 12/27)
- 7390 **NORWAY RNI** in NO *2300, IS, ID, fgy, sked, nat'l and regional nx, g (McGuire MD 12/28)
- 7440 **RUSSIA V of Mediterranean** relay in EG 2006, "Maltese Cultural Notebook", interview w/Director of Museum of Malta, p (Barbour NH 12/5)
- 7477 **GREECE V of Greece** Avlis in GK 0115-0230+, GK mx, tlk, g, //5865, 12110 (Alexander PA 12/8)
- 93199nf **USA WINB** Red Lion, PA in EG 1243, sermon by Rev Sharpe, ID, into Calvary Baptist Radio Hour, ex-13570 (Brandt NJ 1/1)
- 9550 **BANGLADESH Bangladesh Betar** in EG 1807, subcont mx, tlk, ID as "Voice of Islam", QTH, nx (Brandt NJ 1/3) Trnx to Mark Fine for tip on this one
- 9560 **CANADA China Radio Int** relay in SP 0315, Latin Am nx, mention Paraguay, ID (McGuire 12/24)
- 9580 **CUBA China R Int** relay Havana in EG *0100, IS, ID, rpt on plane crash in Pakistan (McGuire 1/10)
- 9580 **GABON Afrique Numero Un** in FR 2200, nx, tlk w/reporters, sports nx re futbol, ID, ezl mx w/DJ, QRM from Radio Medi, f (Barbour NH 11/27)
- 9650 **CANADA R Korea Int** relay via Sackville in EG 1130, mx, nx, ID, fair audio (Muehling NH 1/13)
- 9760 **UNITED KINGDOM VOA** relay Wooferton in EG 2150, financial nx, editorial, ID (McGuire 12/28)
- 9765 **VATICAN CITY V of Russia** relay in EG *0159-0230*, hrd noted Vatican Radio IS for a minute til opening of VOR pgming, IS, NA, ID, nx, vg (D'Angelo PA 1/10, McGuire MD 12/24)
- 97796 **YEMEN Repub of Yemen Radio** in AR 2202, nx items or ancmts, short mx clips between each item, Quran reading, NA, late s/off 2225, good w/slight fades (Fine VA 12/30)
- 9810 **THAILAND R Thailand** in EG *1230, chimes, mx, TC, local nx, rpt on art show, interview, feature on Thai culture, Dec. 5 Nat'l Fathers day, ID, chimes 1300, f (Barbour NH 12/3)
- 9835 **HUNGARY R Budapest** in EG *0200, IS, ID, "Hungary Today", nat'l nx, g (McGuire MD 12/18) in EG 0332, nx, Santa Claus is coming to town, Canada now requires HG visas (Newbury NE 12/6)
- 9925 **GERMANY V of Croatia** relay Juelich in CR/SP 0030, regional nx, fgy, sked, ID in EG, into SP at 0035, g (McGuire MD 12/18)
- 9960 **ARMENIA V of Armenia** Yerevan in GM/EG 2035-2100*, end of GM pgm 2040, into EG, IS, mx fanfare, ID, nx, mailbag, f-g (D'Angelo PA 1/13)
- 11335 **NORTH KOREA V of Korea** Kujang in EG 1318, nx, ID 1325, martial mx (Brandt NJ 1/1)
- 11540nf **USA WYFR Family Radio** in EG 2303, call-in talk show re relig matters, //15400 (Costello NJ 12/28)
- 11655 **BOTSWANA VOA** relay in EG 2220, rpt on the Red Cross, ID, ment Australia, g (McGuire 12/18)
- 11675 **NEW ZEALAND RNZI** in EG 0850, talk on New Zealand economic situation, f (Fraser MA 12/18)
- 11735 **NORTH KOREA V of Korea** Kujang in EG 0102, NA?, ID, nx, tlk, rough copy (Barbour NH 11/29)
- 11905 **UZBEKISTAN R Tashkent** in EG 2130-2157*, nx, cmntry, lcl mx, ID's, //7105 (Alexander PA 12/24)
- 11990 **KUWAIT R Kuwait** in EG *1800, ID, fgy, sked, pgm on cultural matters, f (McGuire MD 12/29)
- 13710 **GERMANY R Vlaanderen Int** relay Juelich in EG 1828, IS, ID, fgy, nx bulletin, tlk on Euro currency, wx rpt, special pop/rock mx pgm of top 2001 hits, f (Moats OH 1/1)
- 150995v **PAKISTAN R Pakistan** in Dari 0633, YL DJ w/mid-East mx pgm, f (Marshall FL 12/19)
- 15120 **NIGERIA V of Nigeria** Ikorodu in EG *0500, mx, African/world nx, ID's, carols (Brandt NJ 12/24)
- 15150 **CHINA R Canada Int** relay Xi'an in EG 0250, ID, web site address, IS at 0257 (Brandt NJ 1/5)
- 15175 **NEW ZEALAND RNZI** in EG 1005, IS, ID, spec bcst for NZ soldiers serving in E Timor, wx alert re cyclone near Tonga, bagpipe mx, pips, Auld Lang Syne, RNZ nx (Costello NJ 12/30, Brandt 12/31)
- 151846 **EQUATORIAL GUINEA R Africa** Bata in EG 1720, relig sermons, good signal w/little adjacent channel QRM but undermodulated audio, move from 7190 alt fgy? (Fine VA 12/30)

- 15195nf **ITALY AWR** Forli relay in IT *0959, all talk, occasional bridge mx, closedown 1100* after a brief ID in EG as the "Voice of Hope" and usual VoH melody, weak w/fades (Berg MA 12/30)
- 15215 **SOUTH AFRICA Channel Africa** Meyerton in EG *0500, ID, TC, fqy ancmt w/drums in back, local and world nx, mx, f/o by 0530*, f-p (Barbour NH 11/18)
- 15270nf **PHILIPPINES R Pilipinas** Tinang in EG/Tagalog? 0245, local mx, p, //15120 (Brandi NJ 1/5)
- 15275 **RWANDA Deut Welle** relay Kigali in EG 1900, "Newslink", //11810, 13780, f (Moats OH 1/1)
- 15425 **SRI LANKA SLBC** Colombo in EG 0054, western pop mx, promo for relig pgm, TC, ID, into Christian relig feature, //9770, polar flutter on signal (Brandi NJ 1/3)
- 154755 **ANTARCTICA R Nacional Arcangel** in SP 2101*, brief tlk and some mx before closedown ancmts, weak signal (D'Angelo FCDX/PA 12/17)
- 15595 **RUSSIA V of Russia** via Komsomolsk relay in EG 0442, discussions re USA/CIS relations in the past and at present, g (Newbury NE 12/9)
- 175196v **PAKISTAN R Pakistan** Islamabad in EG/Sindhi 0801, world nx, ID, into nx in Sindhi 0803, good sig //214655 also good (Marshall FL 12/31)
- 17660 **FRENCH GUIANA Swiss R Int** relay in AR/EG 1925, end of AR svce and into EG 1930, ID, report on satellites, f (McGuire MD 12/17)
- 17765 **ANTIGUA Deut Welle** relay in GM 1605, nx, ments Pakistan, Kabul, Bin Laden, ID (McGuire 1/7)
- 17820 **PHILIPPINES VOA** relay in EG 2356, editorial re terrorism, fqy, TC, ID, "News Now", sports nx w/football scores, nx in Special (slow) EG at 0030, f (Moats OH 1/1)
- 17830 **ASCENSION ISLAND BBC** relay in EG 2000, internet address, ID, pips, "News Hour", mention of European Union, g (McGuire MD 12/17)
- 17835 **JAPAN R Japan** Tokyo in EG *0058, IS, ID, nx bulletins, fqy, New Year's Special at 0115, interview Experts re Afghanistan and Israeli-Palestine conflict, f, //17685 (Moats OH 1/1)
- 17885 **ASCENSION ISLAND VOA** relay in EG *2000, "Africa Nightline", ID, p (McGuire MD 12/29)
- 21740 **AUSTRALIA R Australia** in EG 2110, tlk on violence in Israel and reaction thereto (Newbury NE)
- 25820 **FRANCE RFI** in EG 1157, IS, pips, TC, ID, nx headlines, "Network Europe", f-p (Moats OH 1/5)

Clandestine, Tentative, Presumed, Or Unknown

- 5925 **CLANDESTINE Falun Dafa R** via Bulgaria? in Mandarin *2052, OC w/test tones until opening ID at 2100, long tlks w/CH instrum'l mx in background, off 2231, f-g, //9945 (D'Angelo FCDX/PA 12/17)
- 59272 **CHILE(t) R Minieria(t)** in SP 2258, tlks, mix of different types of mx, no ID, p (D'Angelo 12/17)
- 6010 **BELARUS(t) Belarus Radio 1 Brest(t)** in Belarus 0500, 5+1 pips, ID, nx? (Berg ME 12/8)
- 6965 **CLANDESTINE V of Freedom & Renewal** via Eritrea(p) in AR 0423, tlk, lcl mx, f (Alexander 12/22)
- 6995 **CLANDESTINE V of Kurdistan** via Sulamanyiah Iraq in Kurdish? 2113*, group vocals, good signal (D'Angelo FCDX/PA 12/18)
- 73544v **USA WRNO** New Orleans(p) in EG 0114-0302*, no ID during listening span, continuous Xmas and gospel songs, excellent signal level but warbling QRM on upper sideband (Fine VA 12/20)
- 78095 **UNKNOWN** in SP 0209, futbol match between Argentina and ??, bad QRM and no idea what feeder this might be, signal good when UTEs were occasionally off (Marshall FL 1/2)
- 9706v **UNKNOWN** in AR 2300, OM talking, AR singing 2317, massive QRM from AIR on 9705 and China Nat Radio het on 9710, finally gave up getting ID at 2330 (Fine VA 1/5)
- 11530 **CLANDESTINE V of Mesopotamia** via Samara, Russia relay in Kurdish 1334, five ID's "Dengi Mesopotamia", mostly tlk and Mideast mx (Brandi NJ 1/1)



**WORLD OF RADIO, CONTINENT OF MEDIA, MUNDO RADIAL
BROADCAST SCHEDULE EFFECTIVE January 24, 2002**

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. The 15040 outlet lately has been closer to 15039. 7445 may be on AM or
USB.

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

Days and times here are strictly UT.

Thu 0030 WOR WBCQ 7415 [first airing of each edition]
Thu 0600 WOR WBCQ 7415
Thu 2130 WOR WWCR 9475 [ex-15685 through Feb]
Fri 1030 WOR WWCR 9475 [ex-3210]
Fri 1900 COM RFPI 21815-USB 15040
Fri 1930 WOR RFPI 21815-USB 15040
Fri 2215 MR WWCR 9475 [ex-3210]
Fri 2330 WOR Studio X, Momigno, Italy 1584 87.35 96.55 105.55
Sat 0100 COM RFPI 15040 7445
Sat 0130 WOR RFPI 15040 7445
Sat 0500 WOR R. LavaLamp, Osaka, Japan, internet:
<http://www.rinku.zaq.ne.jp/bkaec205/index.html> [often runs late]
Sat 0600 WOR WWCR 5070
Sat 0700 COM RFPI 7445-USB
Sat 0730 WOR RFPI 7445-USB
Sat 0900 WOR WRN1 to Europe, Australia, NZ,
WorldSpace AfriStar, AsiaStar
Sat 0955 WOR WNQM Nashville TN 1300
Sat 1300 COM RFPI 21815-USB
Sat 1330 WOR RFPI 21815-USB
Sat 1500 WOR WRN to North America, also WLIO-TV Lima OH SAP
Sat 1700 WOR R. LavaLamp, Osaka, Japan, internet:
<http://www.rinku.zaq.ne.jp/bkaec205/index.html> [often runs late]
Sat 1730 COM RFPI 21815-USB 15040
Sat 1800 WOR RFPI 21815-USB 15040
Sat 1928 WOR WPKN Bridgeport CT 89.5 [week delay]
Sat 2330 COM RFPI 21815-USB 15040
Sun 0000 WOR RFPI 21815-USB 15040
Sun 0330 WOR WWCR 5070
Sun 0500 WOR R. LavaLamp, Osaka, Japan, internet:
<http://www.rinku.zaq.ne.jp/bkaec205/index.html> [often runs late]
Sun 0530 COM RFPI 15040 7445-USB
Sun 0600 WOR RFPI 7445-USB
Sun 0728 WOR WWCR 3210
Sun 1130 COM RFPI 7445-USB
Sun 1200 WOR RFPI 21815-USB
Sun 1700 WOR R. LavaLamp, Osaka, Japan, internet:
<http://www.rinku.zaq.ne.jp/bkaec205/index.html> [often runs late]
Sun 1730 WOR Studio X, Momigno, Italy 1584 87.35 96.55 105.55
Sun 1830 WOR RFPI 21815-USB 15040 [often as substitute]
Mon 0030 WOR RFPI 21815-USB 15040 [often as substitute]
Mon 0430 WOR WSUI Iowa City IA 910 [week delay]
Mon 0600 WOR WWCR 3210
Mon 0630 WOR RFPI 7445-USB [often as substitute]
Mon 1230 WOR RFPI 21815-USB [often as substitute]
Tue 1900 WOR RFPI 21815-USB 15040
Tue 2000 COM RFPI 21815-USB 15040
Wed 0100 WOR RFPI 15040 7445
Wed 0200 COM RFPI 15040 7445
Wed 0700 WOR RFPI 7445-USB
Wed 0800 COM RFPI [suspended; try webcast]
Wed 1300 WOR RFPI 21815-USB
Wed 1400 COM RFPI 21815-USB 15040

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, Studio X.

WRN: <http://www.wrnlive.com>
RFPI via SW feed: <http://www.boinklabs.com/xfpi.html>
RFPI direct webcast: <http://www.rfpi.org>
WPKN: <http://www.wpkn.org>
WSUI: <http://wsui.uiowa.edu>

WORLD OF RADIO HOMEPAGE: <http://www.worldofradio.com>
WORLD OF RADIO OTHER HOMEPAGE: <http://www.angelfire.com/ok/worldofradio>

Hope you can listen! 73, Glenn Hauser

15th Annual Winter SWL Fest

Sponsored by **NASWA**

March 8-9, 2002

Best Western—The Inn at Towamencin

(formerly Holiday Inn),

Sumneytown Pike, Kulpsville, Penna.

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

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

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

Early Registration (rec'd by March 2, 2002)

Full registration: **\$43**

Two-day Partial (no meals): **\$17**

One-day Partial (no meals): **\$9**

Full spouse/son/daughter: **\$28**

Banquet only spouse/son/daughter: **\$16**

Student (w/ valid ID, no meals): **\$5**

Many things, like the raffle, remain the same:

GRAND PRIZE To be announced

SPECIAL Register early to win a sw portable! One free entry for an early-bird registration received by February 12, 2002.

Please bring items for the Silent Auction. Proceeds are donated to charity.

Checks should be made payable to WINTER SWL FEST. Register directly with the hotel for your rooms by calling the Holiday Inn at (215) 368-3800. For 2001, one special rate **\$75** single or double! Tell the hotel staff you're with the WINTER SWL FEST to receive this special room rate. *You must make your reservation directly with the hotel to receive this rate; reservations via the Best Western 800 number or web site are not eligible for this rate.* Up to the minute info. can be found on the Winter SWL Fest Web Page at <http://www.swlfest.com/> or from <http://www.anarc.org/naswa/>.

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

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

SWL WINTERFEST

P.O. Box 4153

Clifton Park, NY 12065

NAME: _____ (SPOUSE'S NAME) _____

ADDRESS: _____

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

REGISTRATION:

___ Full (\$43)

___ Two-Day Partial (\$17)

___ One-Day Partial (\$9)

___ Spouse (\$28)

___ Banquet only (Spouse) (\$16)

___ Student (\$5)

BANQUET:

___ Roast Beef

___ Chicken

RAFFLE TICKETS:

___ raffle tickets, please

(\$1 ea./ 6 for \$5/ 13 for \$10)

Registration Fee Enclosed \$ _____

Raffle Tickets Fee Enclosed \$ _____

Total Check/Money Order \$ _____

Registration cancellations after 2/28/2002 cannot be refunded, however we will refund raffle ticket money if you have to cancel.

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. Please note the new proprietor and address.

Publications

Shortwave Listening Guidebook by Harry Helms. Covers equipment, antennas, propagation, station profiles, utilities, clandestines, QSL'ing, etc. 315 pages.	\$19.95 +2.00 s/h US/CA +3.00 s/h world
Underground Frequency Guide 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!	\$19.95 +2.00 s/h NAM +3.00 s/h world
Joe Carr's Loop Antenna Handbook Comprehensive but readable guide to understanding and building loops for LW, MW, SW and VHF. Non-technical, has many diagrams.	\$17.50 +2.00 s/h US/CA +3.00 s/h world
The Vacuum Tube Era Reviews the golden years of vacuum tube receivers, 1932-1981. If you feel real radios glow in the dark, this is for you! 141 pages.	\$17.00 +1.50 s/h worldwide
Shortwave Receivers, Past & Present by Fred Osterman. A comprehensive guide to over 770 shortwave, amateur and commercial communications receivers produced in the last 55 years! Over 800 photos. 473 pages.	\$22.95 +2.00 s/h US/CA +3.50 s/h world
Confidential Frequency List (NEW!) This book, which details frequencies, callsigns and data for the non-broadcast stations on 2-30 MHz, has just been released (12th edition). Ships December 15th.	\$24.95 +4.00 s/h NAM +6.00 surface +8.00 air world
NASWA Country List and Awards Program Booklet	\$3.00 PP US/CA \$5.25 elsewhere
The System Log Book Masters, QSL reports and log, program notes.	\$2.00 PP worldwide
Spectrum Log Covers International bands. Great way to keep track of what frequencies have yielded certain stations. Price reduced from \$8.50.	\$7.50 PP worldwide
QSL Signers by Al Quaglieri. The most comprehensive and up-to-date list of verification signers names, titles, and addresses available anywhere!	\$3.00 PP US/CA \$4.50 elsewhere

The NASWA Reprint List and Propagation Predictor are no longer available.

Make checks payable in U.S. funds to "The NASWA Company Store."



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

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

FIRST CLASS MAIL



The Journal of the
North American Shortwave Association

ISSN 0160-1989

Executive Director: Richard A. D'Angelo, 2216
Burkey Dr., Wyomissing, PA 19610

Publisher / Business Manager: Bill Oliver, 45
Wildflower Road, Levittown, PA 19057

Executive Council: Jerry Berg, Ralph Brandi,
Bob Brown, Dr. Harold Cones, Rich D'Angelo,
Fred Kohlbrenner, Bill Oliver

EDITORIAL STAFF

Managing Editor: Dr. Harold Cones, 2 Whits
Court, Newport News, VA 23606

Desktop Publishing/Graphics: Ralph Brandi,
P.O. Box 491, Lincroft, NJ 07738

Easy Listening: Richard Cuff, 42 North 37th
Street, Allentown, PA 18104

Shortwave Center: Jerry Lineback, 506 S.
Lawrence Ave., Scranton, KS 66537

Technical Topics: Joe Buch, N2JB, P.O. Box
1552, Ocean View, DE 19970-1552

Equipment Reviews: Alan Johnson, N4LUS
2490 Sharon Way, Reno, NV 89509

Adrian Peterson's Diary: Dr. Adrian M.
Peterson, Box 29235, Indianapolis, IN 46229

NASWA Awards: Dr. Harold Cones, 2 Whits
Court, Newport News, VA 23606

Listener's Notebook: Al Quaglieri, P.O. Box
888, Albany, NY 12201-0888

Pirate Radio Report: Chris Lobdell, P.O. Box
146, Stoneham, MA 02180-0146

QSL Report: Sam Barto, 47 Prospect Place,
Bristol, CT 06010

Scoreboard: Fred S. Kohlbrenner, 214 West
Marshall Road, Lansdowne, PA 19050

Net Notes: Tom Sundstrom, W2XQ P.O. Box
2275, Vincentown, NJ 08088-2275

Distributing Editor: Bob Montgomery, P.O. Box
1458, Levittown, PA 19058

Tropical Band Loggings: Sheryl Paszkiewicz,
P.O. Box 152, Manitowoc, WI 54221-0152

International Band Loggings: Wallace C.
Treibel, 357 N.E. 149th St., Shoreline, WA 98155

English Schedules: Mark J. Fine, 11252
Cardinal Drive, Remington, VA 22724-2032

The Company Store: Bill Bergadano KA2EMZ,
32 Joysan Terrace, Freehold, NJ 07728

MEMBERSHIP FEES:

United States (First Class Mail)\$26.00

Canada & Mexico (First Class Mail)\$27.00

Overseas (ISAL Mail):

Central & South America and Europe\$30.00

Asia, Africa and Pacific\$32.00

Overseas (Air Mail):

Central & South America and Europe\$36.00

Asia, Africa and Pacific\$42.00

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

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

