

The **NASA** Journal

VOLUME XLV NUMBER 4

APRIL 2005



RADIO TAHITI

Vous remercions de votre compte-rendu d'écoute des 5 jours 2005 conforme en tout point au programme de nos émissions de ce jour.

RADIO TAHITI émet quotidiennement sur 6135 Kcs (40 mètres).

Le programme français de 0900 à 0210 G M T et de 0210 à 0500 G M T

Le programme tahitien de 0740 à 0300 G M T et de 0300 à 0510 G M T

Le programme anglais de 0750 à 0140 G M T

FIJI BROADCASTING COMMISSION

Dear Sir,

Thank you for your report on the reception of station **VRH-14** on the 2nd of April 2005 at 22.00 hours.

We have pleasure in advising that your report is confirmed.

We regret that there is no official recognition of other reports received.

K. J. G. G. G.
Manager

Broadcasting House,
Suva

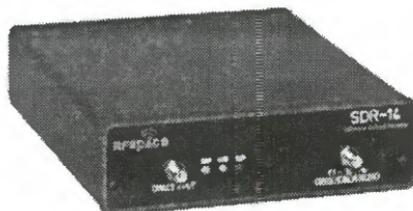
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RFspace

SDR-14



The RFspace SDR-14 is a 14-bit software defined radio receiver. It offers a broad range of spectrum analyzer and demodulation capabilities. The hardware samples the whole 0-30 MHz band using a sampling rate of 66.667 MHz. The digital data from the ADC is processed into I and Q format using a direct digital converter (DDC). The I and Q data is then sent to the PC for processing using a USB 1.1 interface. All of the demod and spectral functions are done on the PC side. The connection between the SDR-14 and your PC is the USB 1.1 jack on the rear panel.

Supported formats at this time include USE, LSB, AM, FM, WFM, CW, CW and DSB. Filter bandwidths are continuously adjustable. DRM is now supported via special demod mode using third-party software (DREAM) by routing the demod audio through the mixer control.

The SDR-14 comes with a High Frequency (HF) amplified frontend with switched attenuators and 1Hz tuning. A direct input port to the analog to digital converter is also included. This port can also be used to connect downconverters and spectrum analyzer frontends. The SDR-14 also supports high resolution spectral captures using up to 262144 point FFTs. The maximum spectral display width is 30 MHz simultaneously.

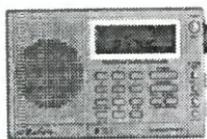
One of the most exciting features of the SDR-14 is the ability to record band segments of any band to hard drive in real time. This is done at a rate of 52GB/day for a 150 kHz wide segment. The stored file contains everything that happened in that segment of the band for the duration of the recording. The fidelity of the file is superb with over 96dB of dynamic range. The recording can be played back at any time with full tunability and choice of demodulation modes. The recording can also be analyzed for hidden signals and carriers.

The SDR-14 comes with AC power supply, USB cable and computer CD.

Please visit the Universal website www.universal-radio.com to view screen shots, spectrograms and for complete specifications.
RFspace SDR14 Order #0014 \$999.95

etón E100

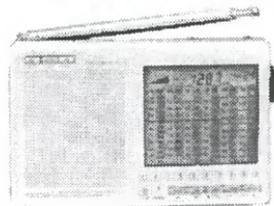
The etón E100 is a stylish, compact portable digital radio covering AM, FM and continuous coverage shortwave. You can store up to 200 of your favorite stations. The built in clock has two turn-on timers and a sleep function. FM stereo is provided to the ear-phone jack and stereo or mono may be switch selected. There is also a Hi/Low tone control. Other refinements include: tuning bargraph, keypad entry, backlight LCD and flip stand. The display can simultaneously show tuned frequency and time. You can quickly change meter bands by just pressing "SW Meter Band" keys up or down. The E100 may be programmed to personal preferences and



geographic location. The controls are easy to operate. This very cool radio is only 4.75 x 3 x 1.1 inches. Silver color. With earphone and 3 VDC jacks. Includes wrist strap, protective case, two AA cells and ear buds.

E100 Order #0100 \$99.95

KAITO-ELECTRONICS INC. KA1103



The Kaito KA1103 is a dual conversion portable radio covering 522-1710 kHz (1/9/10 kHz steps) and SW 3000-29990 kHz (1/5 kHz steps). SSB is featured and 190 memories are available in 19 banks plus auto scan and auto memory. A built in clock has 3 alarms and wakes you to beeper or radio. The backlit LCD features a signal strength indicator. There are switches for: DX-Local switch, FM Mono-Stereo, tone switch and Wide-Narrow selectivity. Other refinements include: battery power indicator, lock and sleep. There are jacks for external antenna and stereo earphone. This radio comes with four AA NiMH cells, AC adaptor-charger, wrist strap, wire antenna, carry bag, stereo earbuds and Owner's Manual. Silver 6.5 x 4.1 x 1.2 inches.
Kaito KA1103 Order #0028 \$79.95

PAR ELECTRONICS EF-SWL



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

Par EF-SWL Order #2205 \$57.95



PASSPORT TO WORLD BAND RADIO 2005

A must have book for every worldband listener. Provides complete visual data on all SWBC stations. See at a glance: station name, location, frequency, time, language and power. Plus candid hard-hitting reviews on SW radios. World's #1 selling SW guide. Indispensable!
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NASWA Notes

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

The 18th Winter SWL Festival is now in the history books. It was another grand party with about 160 hobbyists in attendance. The usual good time was had by all and there were no arrests this year! Congratulations to co-chairs Rich Cuff and John Figliozzi along with a volunteer cast of thousands that made the show a smooth, well-oiled machine. This was another truly outstanding event and these gents and all the folks that help put this great gathering together deserve a big thank you for doing what they do. **Thank you!**

Remember, the Fest never ends. That means it's never too early to begin planning the **19th Winter SWL Festival** next March in beautiful and historic Kulpville. If you have never attended a Winter SWL Festival, you are really missing something special. You need to be there to experience the full impact of this great gathering. Next year is a mere eleven months away. In my opinion, it's never too early to begin planning to attend the 2006 extravaganza. If you have never attended, what are you waiting for? I look forward to seeing you in beautiful downtown Kulpville for the 2006 Winter SWL Festival that will be held on 3 and 4 March 2006. Watch the *Calendar of Events* and the pages of the Journal for news and information as the event approaches. I hope to see you there!

Congratulations to **Sheryl Paszkiewicz** who was honored by the Executive Council for the *2005 William P. Eddings Award* as the NASWA Member of the Year. **Harold Cones** made the announcement of the award at the Winter SWL Festival banquet in recognition of her many contributions to the club over the years as a contributor, and editor and finally as a pioneer in launching the weekly electronic *Flashsheet*. Her dedication, lead-

ership and expertise have been essential to the club and the shortwave listening hobby. The selection of Sheryl Paszkiewicz by our Executive Council for this honor is well deserved.

Harold was a busy man announcing myself as the recipient of the *Don Jensen Distinguished Service Award* on behalf of the Association of North American Radio Clubs. It was a well-kept secret and I was rather surprised. Thanks to the ANARC Club Representatives but more importantly thank you to all the great people I come into contact with on a daily basis through the shortwave listening hobby. It's the people that make the extra effort worth doing!

The *Company Store* had a very successful showing at the Winter SWL Festival. A lot of good business was conducted in Kulpville. If members have any interesting books ideas for **Mike Wolfson** <mwolfson@bright.net> and the *Company Store* you should contact Mike as soon as possible. Universal Radio is planning an updated edition of *Shortwave Receivers Past and Present* sometime in 2007 and possibly a similar guide for portables at some future point. Anyway, Mike would appreciate any ideas members might have.

David Ross <dross@globalserve.net> asks the question, "Have you ever thought of getting online and participating in a live DXpedition with numerous shortwave minded listeners?" Check out <http://www.starchat.net/channels.php> and scroll down and click on #NASWA. Here are the rest of the steps: "Enter a nickname that you want or Guest will be used. Select irc.starchat.net. Click on Connect to Starchat." David notes that Distributing Editor "Bob Montgomery drops in several weeknights and every Saturday and Sunday

OUR MOTTO IS - "UNITY AND FRIENDSHIP"

evening. Another channel to consider is #swl. Email lists are okay, but live chat makes DXing more enjoyable. There are dedicated software programs if one prefers something other than Java Chat. Windows: MIRC <http://www.mirc.com/get.html>; Mac OS9/OSX; Ircle <http://www.ircle.com/download.shtml>. "If you have any questions about setting up the software or anything related to the project, please feel free to contact David at the above e-mail address.

The 19th edition of the 40 page *Australasian Shortwave Guide* (ASWG) by **Bob Padula**, OAM, Chartered Professional Engineer is now available. The ASWG has over 1400 entries and covers the international shortwave transmission period commencing March 27, 2005, and concluding on October 31, 2005, known as the "A05 international transmission season". The Guide includes comprehensive schedules for broadcasts in English to Australia, Asia, the Far East, the Indian sub-continent and the Pacific; broadcasts in all languages to Australia and the Pacific. The data is arranged in two main sections, by studio country and starting time. Each entry shows broadcasting organization, frequency, starting time, finishing time, language, target area, transmitter site, transmitter country, studio country, and days of operation. Additional full operational schedules are provided, with transmitter sites, for: Radio Australia, Voice International, HCJB-Australia. Full schedules of Digital Radio Mondiale (DRM) transmissions intended for Australia, the Pacific, the Far East, Asia and the Indian sub-Continent. Schedules of the national services in English of broadcasters in the Australia-Asia-Pacific region. The ASWG is compiled from an extensive worldwide network of broadcasters, frequency planners, engineering consultants, professional monitors, and members of the Electronic DX Press Radio Monitoring Association. Information is also included from the detailed research by the author, himself a radio engineering consultant and technical journalist, with some 45 years experience at both the professional and hobby level. The ASWG19 costs A\$10—cash, personal check, bank check, Australian Money Order, financial institution check, mint Australian stamps, PayPal to Australian address and US\$10 / 10 Euro /

5 British Pounds / A\$15 (cash, 10 international reply coupons, Australian mint stamps to the value of A\$15, international bank transfer, international bank draft, PayPal) for all other address. Orders and payments should be sent to: Robert J. Padula <bobpadula@mydesk.net.au>, 404 Mont Albert Road, Mont Albert, Victoria 3127, Australia

Sean D. Gilbert, International Editor—*World Radio TV Handbook* (WRTH) notes that a new update file for WRTH 2005 is now available for download at the WRTH web site, www.wrth.com. The file is PDF document and you will require the free Adobe Acrobat Reader 5 or above to read it. This file contains the latest International broadcaster updates, schedule changes and new stations for the winter (B04) season. The file is just over 100k so won't take too long to download. New/changed entries are marked in RED so they are easy to identify.

The 12th Annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will take place in Madison, WI on Saturday, August 20 2005. Further information will be published in future *NASWA Journals*, or you can contact this year's host **Bill Dvorak** <dxerak@aol.com>, 501 Algoma Street Madison WI 53704-4812, phone 608-244-5497 for more details. I'm trying to arrange my summer travel schedule to be in Madison for this event. I attended two years ago at Bill's place and had a great time.

The Danish Shortwave Clubs International will hold its *Annual General Meeting and DX Camp* at Vejers Beach in Denmark from 17 through 19 June 2005. Vejers Beach is located at the West Coast of Jutland and about 75 kilometers North of the German border. This location provides for an excellent opportunity for long wire antennas out into the sand dunes. Friday will be basically devoted to DXing in "The DX Room." The AGM will commence at 1400 local time and will include lectures. It will end with a typical Danish buffet. The DX camp closes at 1200 local time on Sunday. The price includes a bunk but you need to bring your own sleeping bag. No meals are included but a grocery and a bakery are nearby. The cost is US\$50.00

for each participant sent to Bent Nielsen, Egekrogen 14, DK-3500 Vaerloese, Denmark.

From **Bob Padula** we learn of the activation of the World Shortwave Forum, a new free public access service for anyone, anywhere in the world with an Internet connection, having an interest in world HF broadcasting. It is sponsored by the Electronic DX Press Radio Monitoring Association. The Forum is Web-based (no E-mail), where visitors may post, read, word-search and reply to articles, which may include loggings, QSLs received, news, schedules, propagation, antennas, receivers, programming comments, discussions on Digital Radio Mondial (DRM), Broadband over Powerlines (BPL), and transmission technology. Past messages are archived. This new unmoderated service is very simple, with no need for user names, passwords, registrations, sign-ups, or filling in forms! There is no requirement to "join" or "subscribe"—visitors may come and go as they please! Neither is there any "membership list". The Forum is participative, and additional content is provided by the Forum Administrator, sourced to professional engineering contacts worldwide, much of which is not available elsewhere or in that format. The new Forum is at this URL: <http://swforum.edxp.org>

There is still plenty of life left to the DX season and the shortwave listening activity continues to be excellent. Stay on top of the action with breaking shortwave news and

information from the club's electronic *Flashsheet*. If you are a current member of the club and want to receive the electronic *Flashsheet* just drop Rich D'Angelo (rdangelo3@aol.com) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic *Flashsheet* edited by **Ray Bauernhuber**, DXRADIO@webtv.net. Each week the electronic *Flashsheet* brings a lot of exciting, late breaking DX news and information to our members. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news. This is a service that is only available to our members. Deadlines are posted in the *NASWA Flashsheet* each week. Let's keep Ray busy with plenty of hot logs!

Please remember to direct all communications about subscriptions, bulletin delivery issues, spring cleaning ideas, the use of PayPal as a payment method, etc. to **Bill Oliver** at the club's Levittown address or to his electronic address, weoliver@comcast.net. The regular postal address is the familiar 45 Wildflower Road, Levittown, PA 19057. Inquiries sent to Wyomissing only slow down the process. Thanks!

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

FRENDX: Twenty-Five Years Ago (April 1980)

Roll Call welcomed 88 new or rejoining members. The *Shortwave Center* featured an article by Jerry Berg, "The Hammarlund HQ-180 Receiver, with Digital Readout." Bill Krause provided a User Review of Mizuho sx-59 Preamp/Preselector. Roger Legge updated the *English to North America* list while Robert Fraser wrote "Shortwave—Boon or Bust?" Jerry Linebach reviewed the Radio West active antenna and John Kapinos discussed what equipment does one need? In Glenn Hauser's *Listeners Notebook* it was learned that New Hebrides would be renamed Vanuatu when it became independent in May. Various different spellings were noted leading gh to quip, "Well, I hope they decide on the spelling by then." Sam Barto noted that *QSL Report* featured a record 131 countries reported. Editor Gregg Bares noted in *Frendx Credits* that 96 reporters contributed in April.

Calendar Of Events

- Apr 15 Meeting. Philadelphia Area NASWA Chapter.** Kulpsville Holiday Inn, Kulpsville, PA at 7:30 PM. For more information contact Dan Cashin at 610-446-7831 or Internet: dcscckp@aol.com.
- Apr 15 Meeting. Boston Area NASWA Chapter.** The Boston Area DXers have found a new location for meetings. Inquiries about the BADXers may be sent to Paul Graveline at 978-470-1971 or Internet: ctreditor@aol.com. The URL for the BADX guys is <http://www.anarc.org/naswa/badx/>
- Apr 28–May 2, 2005 Conference. The European DX Council** will hold its **annual conference** in Prague from 28 April to 2 May 2005. The planned agenda includes visits to Radio Prague and Radio Free Europe. Tibor Szilagyi of the Hungarian DX Club is Conference organizer and for further information e-mail him at Tibor.Szilagyi@skf.com or check the EDXC website <http://www.edxc.org>.
- May 14 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meets at the Lebanon Citizens' National Bank (LCNB), 425 West Central Avenue (Ohio 73), Springboro, Ohio at 7:00 PM. For more information contact Mark Meece at 937-743-8089 or e-mail at <antennapig@siscom.net>. For additional information about MONIX, check out their web site at <<http://www.siscom.net/~mmeece/monix.html>>
- May 30–31, 2005 Conference. The Association of International Broadcasting Global Media Business Conference 2005** in Montreal, Canada on 30 and 31 May 2005 hosted by Radio Canada International, billed as "*the international broadcast media summit where leaders from all sectors of the industry debate and shape the future of their businesses.*" Further information about the conference will be available in the coming weeks or online at www.aib.org.uk.
- Jun 17–19, 2005 AGM and DX Camp. The Danish Shortwave Club International** will hold its **annual general meeting (AGM) and DX Camp** at the Scout Camp Vardeborg (Vejers Beach) on 17-19 June 2005. Further details will follow.
- Jul 29–31, 2005 Convention. The 11th National DX-Meeting** in Mexico will take place on July 29–31, 2005 in Tampico.
- Aug 20, 2005 Get-Together. 2005 Madison-Milwaukee Radio Get-Together.** The 12th Annual Madison-Milwaukee Get-Together for DXers and Radio Enthusiasts will take place on a Saturday sometime in August. This year's venue will be Madison. Further information will be published in future NASWA Journals, or you can contact this year's host Bill Dvorak <dxeak@aol.com>, 501 Algoma Street Madison WI 53704-4812, phone 608-244-5497 for more details.
- Aug 25–27, 2005 Convention. The International Radio Club of America (IRCA)** will hold its annual convention in Anaheim, CA on 25-27 August 2005 at the Days Inn (1111 South Harbor Boulevard, phone number 714-533-8830). Registration fee is \$25.00 with a banquet at a nearby restaurant. Convention host is Mike Sanburn.
- Mar 3–4, 2006 Convention. The 19th Annual Winter SWL Festival**, sponsored by NASWA, will be held at the *Best Western—The Inn at Towamencin* (Kulpsville to the rest of us), located at Exit 31 on the Northeast Extension of the Pennsylvania Turnpike, on 3rd and 4th March 2006. Richard Cuff and John Figliozzi co-chair the organizational committee. Of course, it's never too early to begin planning. Watch the pages of the Journal for registration information and other pertinent details. See you there!
- Mar 9–10, 2007 Convention. The 20th Annual Winter SWL Festival**, sponsored by NASWA, will be held at the *Best Western—The Inn at Towamencin*. Join us for this 20th anniversary extravaganza in the DX Mecca.

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

Musings

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.

Rich Cuff and John Figliozzi, Winter SWL Festival Headquarters, Kulpville, PA

Greetings from the "afterglow" of the 18th (!) Annual Winter SWL Fest!

It was great to see so many old and new friends this past weekend in Kulpville! From shortwave legends like Bob Zanotti, Ian McFarland and Frans Vossen to first time attendees like Joe Kelly, we certainly shared a few laughs, learned some new things to augment our listening activities, ate and drank a bit too much (yeah, so what!) and had an all-around great time.

We don't have the space to individually thank all those who help us before, during, and after the Fest, but you know who you are. Suffice to say the Fest is clearly a group effort -- more than 30 of us share the blame (or the credit) for their help with the Fest, enabling it to be the fun that it is. Many, many thanks for your help -- if we didn't have that depth of support, there's no way we could pull this off. It's really nice to see all those smiling faces and be able to say that you had a small part in getting them there.

Mark your calendars for the next TWO years -- the 19th (!) Fest will be on March 3rd and 4th, 2006; the 20th (!) Fest will be on March 9th and 10th, 2007.

We are already brainstorming on special activities for the 20th Fest, and several of our broadcasting friends have already gone "on record" in announcing their plans to join us in 2007. If you have ideas or suggestions for special activities for our 20th anniversary, don't hesitate to drop either of us a note.

Thanks again to all those who made the 18th Fest the most relaxing one yet...at least since we began mis-managing them! It seems that the formula for this event is truly "fool" proof! (hi!)

73 DE Richard Cuff & John Figliozzi / Co-Festmeisters

James P. Ronda <james-ronda@utulsa.edu>, Barnard Professor of Western American History, The University of Tulsa, Tulsa, OK 74104

I am not exactly a new NASWA member; during the 1970s while living in Youngstown, OH I was a very active member of NASWA and eagerly looked forward to the arrival each month of FRENEX. I did manage to verify 100 countries; sadly those cherished QSLs were lost in our move from Ohio to Oklahoma! The demands of a family and growing professional obligations took me away from the hobby. Now that retirement is close, I have decided to return to a number of hobby interests, including DXing. I still have my vintage FRG-7 and have just ordered a FRG-100B from Universal Radio. I do note the many changes in the shortwave radio landscape since the 1970s; the Journal seems quite a bit different from FRENEX but I do recognize some familiar names.

I've also sent an e-mail to Jerry Berg commenting on the fact that both of us started DXing in the 1950s with Knight-Kit Ocean Hoppers! When I was teaching at Youngstown State in the 1970s I found that the university library had a full set of Radio News -- a treasure trove of material about early DXing. I dearly wish I had that stuff today. The University of Tulsa (where I am now, and have been since 1990) has great collections in my research area but no hidden radio treasure! Very best regards, Jim

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

I came across the enclosed article in a recent Fast Company, some sort of business magazine. Not shortwave but this competition of the two U.S. satellite radio companies may interest you all. (The article from the February 2005 issue of Fast Company provides an interesting perspective on the development and growth of Sirius and XM including a behind the scenes look at each outfit's operations and business plans. It's a classic battle in strategy and execution. Interesting reading! RAD)

73, Bob

Bill Patalon III <bill.patalon@baltsun.com>, Maryland

I know we exchanged messages about this last year, but I just felt compelled to say again how much I enjoy these flash sheets, how well done they are, and how much I appreciate the time I know you put into this project. I'm fairly confident that I speak for my fellow NASWA members when I say this, too. What's more, you've always been exceedingly kind and gracious in whatever correspondence we've had.

I say all this just because I think that we're all, by nature, just far too busy these days, and don't often enough take the time to express gratitude to those who are providing a service that we might actually like a great deal, but just not say anything about. Folks just naturally remain mum unless there's cause for complaint, so that people like you who are doing wonderful things only rarely get to hear how much they're appreciated. And I just wanted you to know that.

My DXing was a bit on the light side this past winter. I didn't get my "shack" done, as planned, because of work around the house, though I did get my antenna up last year in time to participate in that worldwide DX contest that is put on in part by, I think, the Danish shortwave group. I was surprised: If I'm recalling this right, I think I was the only U.S. SWLer in the top 25 points-getters; and I hadn't been able to put the time into it that I'd wanted to because of the flu and work.

I really need to invest in a good tabletop receiver. I have some older Radio Shack units, including a DX-394 that I'm modifying with all the Kiwa add-ons. I also have a couple of Grundig portables, and a DX-440. My dream would be to buy a used Drake R-8, or Ten-Tec, or a new Icom R-75. With all the stuff we've needed for the house, I've not been able to get that together in a way that would've left me "free of guilt" (lol). Actually, I've got it really good. We bought a good-sized, five-bedroom house on eight-tenths of an acre in Northern Maryland (about 45 minutes north of Baltimore near Bel Air in Harford County) when my wife Robin and I were married about five years ago. I've got a hundred-plus foot longwire up, running pretty much N-S, and a buddy of mine sold me a used but very nice ham radio antenna mast for \$50 (if I recall, it's five or six sections, so maybe it's 30 feet). The big maple tree that holds up the innermost end of my longwire has to come down this spring, a real shame since it's the nicest tree on our lot. But the roots are starting to encroach upon the patio, driveway and septic system drain field, so it has to come down. I'm going to hang the

antenna on another tree, and also would like to get the mast installed (after I check zoning requirements and pour "footers" to serve as a foundation). Ahhh, the projects of the DXer.

Kindest regards; Bill

Wayne C. Patterson, 11891 No. Farm Road 241, Fair Grove, MO 65648

Probably I should share my recent experience with a Grundig Satellit 800. The unit I bought had three significant defects:

(1) There was a fixed level of power supply hum in the audio. This was about 20 db below program with the volume control set low (as with earphones) but not objectionable when volume was turned up (as with my extension speakers). Less efficient phones would have been a solution. The replacement power supply sent by the retailer didn't help.

(2) The 800 is supposed to switch on its stereo circuitry automatically when a stereo subcarrier is detected on FM. This worked very poorly - recognizing the subcarrier on less than half of the stations which my Sangean ATS 818 receives perfectly with the same antenna.

(3) The clock lost about 30 seconds a week.

Although the synchronous detection with selective sideband worked wonderfully and will be much missed, I sent the 800 back and opted for a Sangean ATS 909 instead. I'm about to affix it to the table with carpet tape and enter a second day of getting to know the tiny thing. It's working perfectly so far.

Wayne

Louis Crisler-Smith <chasinthetrane@hotmail.com>

I had to improvise around Steve Price's grounding methods. I got in 3 copper rods to ground my 160 foot long and 35+ foot high long wire, but the ground is very hard and rocky underneath my long wave.

The ground around my house is softer and stone free. So I grounded the radio (an R75) to 3 copper rods (all 8 feet long) 10 feet apart. The rods hug the wall of the house, so my XYL can't see them in the bushes. The final rod is in front of a basement window. The wooden window frame has a tiny doorbell hole in it already, so I grounded the 3rd and final rod to the copper cold water pipe that enters the house just below the basement window. The distance is 5 feet between grounding rod and water pipe.

I checked with the town engineer: my town uses copper and iron pipes for its cold water grid that serves a city of 9000 and covers several square miles.

The results on HF are a dream come true: Med basin stations sound like local MW stations. At night I have to attenuate signals from Sackville and the Middle East.

And ute DX is great too: ATC from Rio Janeiro, Lima Peru, San Francisco USA, W Africa (Dakar, Luanda, Niamey, Kinshasa, Accra, Jo'berg SA), N Africa, and East Africa (Nairobi, Addis Abba, Mogadishu, Seychelles, Madagascar). And VOLMET from Tokyo, Sydney, Honolulu, and Auckland NZ.

Thanks Steve for the inspiration.

Kevin Mikell <k.mikell@comcast.net>, 101 N Wacker Dr #230, Chicago, IL 60606-7301

Thought I'd pass on a web site that I found this week. Statoids.Com. It is, ostensibly, a site devoted to countries and their subdivisions, having various tables and hyperlinks to maps, state/province names and their capitals, populations, ISO nerdy information, etc. There are also links to the web site of the post office in each country. The site owner posts the information as a means of keeping users of a related book updated between publications.

I suspect some of you may already know about this site, but thought I'd pass it on since it seems to be very useful to people in our hobby, geography buffs, NASWA award chasing, and so forth.

<http://www.statoids.com/statoids.html>

<http://www.statoids.com/details.html>

I also found that BBC News has some great country information on line, too. The URL for that is http://news.bbc.co.uk/1/hi/country_profiles/default.stm. For what appears to be every country, they have posted an audio file of the national anthem, biography of leaders, history timelines, links to media in the country, and such.

Mike Barraclough <mikewb@dircon.co.uk>, England

The Government's Green Paper on the future of the BBC is available as a pdf for download at http://www.bbccharterreview.org.uk/have_your_say/green_paper/greenpaper_home.html.

The section which includes the BBC World Service "Bringing the World to the UK and the UK to the World" starts on page 42. The Government will take into account the conclusions of the independent review being conducted by Lord Carter of Coles before publishing its White Paper.

Among the main points: The Green Paper suggests BBC World Service undertake a "radical and creative reprioritization of its vernacular output." which is 42 languages. The 8 languages it currently has online websites for Arabic, Chinese, Hindi, Persian, Portuguese, Russian, Spanish and Urdu should be the starting point for the discussion. In particular it says that the BBC World Service's offering of services in 16 vernacular languages spoken in countries which either formed part of the Soviet Union or the Eastern bloc of countries formerly under the Soviet Union's domination is beginning to look anachronistic.

The Government says there is a case for the World Service to develop niche foreign language TV services, in particular an Arabic language TV service to the Middle East. However this would have to be done from its existing budget. This could be achieved by more efficient use of resources and a reduction in the number of vernacular radio services.

Mike

Jim Snell <W8DRZ@aol.com>

Once again I'm chasing serial numbers in an attempt to track the true production numbers of a Drake Radio and I need your help.

If you are an owner of a Drake SW-4 or Drake SW-4A this may be of interest to you.

From published information I have always thought that 500 to 600 SW-4 receivers were built before the change to the SW-4A version.

I no longer believe this is true.

I have acquired a SW-4A with a S/N of 451, this then would mean that 450 or less SW-4's were built before the change to the "A" version. I was surprised to learn recently of a SW-4A with much lower SN.

The owner was kind enough to send me plenty of pictures of this radio, it is clearly a SW-4A and sports the SN of 251.

This would mean a much smaller number of SW-4's were built before the change to the SW-4A.

Here then is my quest, To find more information about the SW-4's true production numbers.

Do you own a SW-4 or SW-4A? If so can you send me your SN and version.

I own two SW-4's, 221 and 225. Our friend Sindre has SW-4, 001.

There are 4 versions of the SW-4A and it would be fun to track the SN breaks on these as well.

SW-4A differences:

- 1) Earliest type has Dial window and PTO knob like a R-4A
- 2) Next version is like the R-4B in the Dial window/knob
- 3) The C-Line type Dial and knob is next.
- 4) The last version is minus the New York Radio WW logo.

The SW-4 and SW-4A are a very overlooked radio in the Ham world being a AM only rig, but an important part of the Drake History puzzle and one of my favorites.

Almost 40 years ago in 1966 when the SW-4 first appeared it was way above the means of a 14 year old paperboy. I had to settle for a Knight-kit SpanMaster at one-tenth the cost of the Drake. (I still have it!)

Still I dreamed of someday owning a Drake receiver and like many of us now I do, many times over, HI!

SW-4 S/N UPDATE....(25 March 05)

So far I have received 17 e-mails from SW-4 / SW-4A owners. Every scrap of information helps with sorting out this Drake puzzle.

I don't have enough information yet to do a serial Number breakdown of the SW-4A versions but I do have news on the SW-4.

A SW-4A with a serial number of 230 has been reported. This is most interesting as I own SW-4 S/N 225. With only 4 radios between the first version and the reported "A" version.

This would indicate that a much smaller number of SW-4's may have been built making it perhaps the rarest Drake production radio known.

As of yet I have not heard of a SW-4 with a S/N greater than 225 or a SW-4A of less than 230.

Make's one wonder where they meet, hi hi.

Please send your SW-4 and/or SW-4A information to me at W8DRZ@aol.com

I will post the results of the survey in a few weeks.

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

Despite some "on again - off again" weather, the 18th annual Winter SWL Festival was another big success. Thanks to the entire gang that helps make this show the best there is. Rich Cuff and John Figliozzi lead a great team of volunteers with each one playing an important role making the FEST the people's gathering. Also, I want to thank the folks that helped man the NASWA table over the two day event: Dan Cashin, Ed Mauer, Bob Montgomery, Bill Oliver and Mike Wolfson (I hope that I didn't miss anyone). Congratulations to Sheryl Paszkiewicz who has been a long time contributor and a long time editor for the club. She was selected our member of the year and received the William P. Eddings award for that honor. She deserves it! Sheryl is a terrific person, friend and colleague in the shortwave field. Remember, the FEST never ends!

Time to look at this month's QSL returns. I keep getting QSL cards from China Radio International for my report for their new Albania relay. China Huayi Broadcasting also verified for a second time with a full data logo card. It was nice to get a postal reply from Rádio Record in Brazil after previously getting an e-mail reply. I still prefer postal replies to electronic replies. I wish Radio Filia, Greece would have verified as such instead a got a somewhat disappointing Voice of Greece card although they did send a nice tourist brochure for Crete. The special Radio 555 one-time broadcast via Juelich was verified thanks to Walter Brodowsky at DTK. Any reply from Perú is worth adding to the scrapbook so Radio Melodia is a pleasant addition to the collection although I have them QSL's on a different frequency. Europirate Radio Malaysia send a very nice sunset card claiming a broadcast location in Southern Europe. Closing out the month was a no data personal letter reply from KOA radio for their 25,950 kHz operation.

73, Rich

Contribute!

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

NASWA

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

Easy Listening

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

We survived another 'Fest!

More than 150 joined us last month for the 18th (!) Annual Winter SWL Fest. It was great to see so many there again this year, and meet newcomers joining us for the first time. We were able to wax nostalgic, what with Kevin Carey's "Big Iron" forum on classic radios, and David Goren and Myke Weiskopf's "Listening Lounge" session featuring air checks of days gone by. We were joined by two veterans remembered fondly by many shortwave listeners—Bob Zanotti and Ian McFarland—and commiserated with RVI's Frans Vossen as RVI ended shortwave broadcasts at the end of March. Richard Hankinson walked away happiest of all, winning the AOR AR7030+ grand prize in the annual Fest raffle.

We already have dates posted for 2006 (March 3-4) and 2007 (March 9-10), so you have absolutely *no* excuse not to join us the next two years!

Many, many thanks to the more than 30 folks who helped us before, during and after the 'Fest to make it as smooth-running and enjoyable as it was.

BBCWS drops more frequencies and hours; will be even harder to hear in the USA

By now I'm guessing most have heard that the BBC is cutting back its shortwave hours to the Americas as of the A-05 schedule that took effect at the end of March. I have superimposed the new shortwave schedule to the Caribbean and the Americas along with the programming scheduled for the A-05 season.

0000-0100 5975
Sun: *In Concert*

Mon: *Pick of the World, Write On*
Tues: Documentary 1, Music Feature
Wed: *Masterpiece, White Label*
Thu: Documentary 2, *Charlie Gillett*
Fri: *Assignment, The Music Biz*
Sat: *Global Business, Music Review*

0200-0300 12095, 9825

Sun: *The World Today, Reporting Religion*
Mon-Fri: *The World Today*
Sat: *The World Today, World Football*

0300-0400 5975

Sun: *From Our Own Correspondent, People & Politics*
Mon: *Talking Point, Off the Shelf*
Tues-Fri: *Outlook, Off the Shelf*
Sat: *Pick of the World, Write On*

1000-1100 6195

Sun: Documentary 2, *In Praise of God*
Mon-Fri: *World Briefing, British News, World Business Report, Sports Roundup*
Sat: *World Briefing, World Football*

1100-1200 11865

Sun: *World Briefing, Reporting Religion*
Mon-Thu: *Caribbean Report, Sport Caribbean, Caribbean Magazine, World Business Report, Analysis*
Mon-Thu: *Caribbean Report, Sport Caribbean, Caribbean Magazine, World Business Report, World Cricket*
Sat: *World Briefing, The Interview*

1200-1300 11865 (to the Caribbean)

Sun: *Newshour, Sports News*
Mon-Fri: *Caribbean Business, Caribbean Report, Caribbean Magazine, Newshour, Sports News*
Sat: *Newshour, Sports News*

1200-1300 9605 (to Central America),
15190 (to South America)
Sun-Sat: *Newshour, Sports News*

1300-1400 15190

Sun: *From Our Own Correspondent, The Interview*

Mon-Fri: *Outlook, Off the Shelf*

Sat: *Pick of the World, Write On*

2100-2200 15390

Sun: Documentary 2, *Westway Omnibus*

Mon-Fri: *Sports Roundup, Caribbean Report, Analysis, Sports Roundup*

Sat: *Play of the Week*

2200-2300 5975

Sun-Thu: *The World Today*

Fri: *The World Today, World Football*

Sat: *The World Today, Reporting Religion*

2300-0000 5975

Sun: Documentary 1, *Westway Omnibus*

Mon-Fri: *Outlook, Off the Shelf*

Sat: *Top of the Pops*

You might not recognize "Documentary 1" or "Documentary 2"—these are the slots reserved for the changing documentaries offered by the BBCWS. The early April entries are *Controlling Science* (Documentary 1) and *Global Perspectives* (Documentary 2), a cooperative series produced by a group of broadcasters including the BBC, CBC, Australia's ABC, Radio TV Hong Kong, Radio New Zealand, Ghana's Joy FM, Radio Netherlands and Soundprint, the US-based documentary production company.

The programs conspicuously absent from shortwave to the Americas include the last two hours of *Sportsworld* and the features block including *Discovery*, *Science In Action*, and *Health Matters*.

Filling in the gaps?

Even more than in 2001, we in North America will have to get creative in finding other frequencies that are likely to reach us in North America. I compared notes with John Figliozzi and supplemented them with listings provided by Andrew Reid of the ODXA; together the following should be your first choices for the BBC World Service targeting

other areas but still potentially audible in eastern North America:

First, in general, try out 6195, 9410 and 12095 kHz. These are frequencies in use *somewhere* around the world much of the time.

Next, try out the following:

0300-0700: 7160 (from Ascencion targeting West Africa)

1400-1900: 21470 (from Ascencion targeting southern Africa)

1100-2100: 17830 (from Ascencion targeting west Africa)—this frequency will likely be better from 1600 onwards.

1200-1700: 15485 (from the UK targeting north Africa)

1200-1500: 17640 (from the UK targeting north Africa)

1500-1800: 15565 (from the UK targeting northwestern Europe)

1500-2300: 15400 (from Ascencion targeting West Africa)—probably the best bet of the bunch

While these cutbacks are tough enough on North America; they're even more dramatic in Europe. During much of the middle part of the day, only 17640, targeting both North Africa and Eastern Europe, may be feasible there. Service to Africa appears to be untouched; as the BBCWS continues to move towards alternate delivery systems, shortwave service to Africa will probably remain intact the longest.

The online discussion groups have been brimming with opinions and analysis following these announcements; the BBC says the general trend continues to indicate that shortwave audiences are decreasing in size, with listenership via other delivery methods (satellite, local FM rebroadcast, webcast) is increasing. While the advantages of webcasting—especially on-demand program availability have been often touted here in the *Easy Listening* column, the comparison of local rebroadcasting to shortwave results in statistical distortions: How do you equate local primetime availability of

feature programming vs. overnight relays of mostly news?

The fact remains that the BBC WS is choosing to serve audiences in a targeted fashion, which is something shortwave is not ideally suited for. Those of us who were weaned on the BBC World Service via shortwave must either adapt to these new listening options or consider ourselves disenfranchised—not a desirable option. It's also undeniable that costs drive the BBC's decisionmaking process—it costs the BBC nothing for a public radio station in the USA to add BBC programming, since the programming is already delivered via satellite from the UK to the various shortwave transmitter sites. Shortwave transmitters on Caribbean islands usually have diesel-powered electricity generators to fuel the transmitter plant, and the year-long run up in petroleum prices hurts the BBC's operations budget as well.

Being the eternal optimist, at least the BBC isn't like RVI or Swiss Radio International, YLE and Radio Norway, which ended program production as well as shortwave transmission.

I'll continue to include BBC World Service programming highlights in the *Easy Listening* column when space is available; I'll include shortwave airtimes for the Americas and for Africa, since those are the two regions we're most likely to hear in eastern North America.

Admittedly, I'm sure many of us now listen to the BBCWS via the alternate, non-shortwave delivery methods of satellite radio (XM, Sirius) and overnight FM rebroadcasts if we're night owls. For schedule information relative to these other methods, I recommend two resources: 1) the regularly updated schedules appearing at the BBCWS website; 2) the listings for each program and each station at Kevin Kelly's *Public Radio Fan* website, <http://www.publicradiofan.com>.

It's also worth mentioning that the BBCWS schedule on Sirius appears to be changing

with the seasonal time change—instead of the strict “all-news” feed, Sirius will be carrying the same programming as the PRI feed to US public radio stations. This means that *some* of the music programming—specifically *Masterpiece* and *Charlie Gillett*—will be heard on Sirius, along with *Health Matters*, *Science In Action*, and *Go Digital*. The first hour of *Sportsworld* on Saturdays will also air on Sirius.

Some might wonder if it's worth the effort to resurrect the *Save the BBC World Service* initiative to try to turn around these decisions; I frankly don't think it's worth the effort. In 2001, word of the changes became public in May—a full two months prior to the changes. In 2005, this information only became generally known in late February—once the planning for the A-05 season was locked in. And, as mentioned above, the BBC is acting as though American listening patterns since 2001 have vindicated these decisions.

So what's your take on all this? Which non-Americas BBCWS frequencies work the best for you? Take a moment and drop me a letter, post card or e-mail. Your experiences can help everyone else here!

Other seasonal changes—relatively few

Most other broadcasters with significant English language presence aren't making too many changes this season, aside from the Radio Australia changes noted last month.

Radio Netherlands

Aside from the morning shift from 1200 to 1100 UTC, one program is worth special highlighting: *EuroQuest*, the weekly European magazine program hosted by Jonathan Groubert. During the 2005 summer season one of the especially interesting topics will be *The Future of Radio*. The exact timing of this topic hasn't been firmed up; more details will be available later. *EuroQuest*—justifiably considered by *Passport*

to *World Band Radio* as one of the Top Ten programs on shortwave—airs Tuesdays 1130 and Wednesdays at 0027, 0127 and 0427 UTC to North America.

Radio Australia

This somehow slipped under the radar, but the rotating ABC Education series aired on **Radio Australia** are normally very well researched and produced. The current series, *Smart Societies*, is an 11-part series, asking a range of people what they think it will take to be truly “smart” in the 21st century. Societies have come to think of “smart” as having a digital connotation with the development of “smart cards”, “smart cars” and even “smart fridges”. People in various fields in the Asia Pacific region, all specialists in their own fields, have diverse opinions on what makes for a smart society. Airls Sundays 0830, Wednesdays 0405 and 1105, plus Thursdays 1330. The last two episodes will go to air after you receive the *April Journal*; all episodes including the most recent are archived for on-demand listening at the RA website, <http://www.abc.net.au/ra>. Click on **Radio Guide**, then **Programs A-Z**, then **R-U**, then **Smart Societies**.

So long to RVI on shortwave

As most should know, funding for shortwave and mediumwave broadcasts for **Radio Vlaanderen International** was eliminated as of the end of March. While we heard, yet

again, the sympathetic comments from RVI's parent, VRT, these had no significant effect. There will be daily short audio newscasts available via RVI's website, and text news about Belgium will also be available via the RVI website. You can listen to Frans Vossen's last edition of *Radio World* (which includes mention of the 'Fest and a picture of some shortwave notables (along with yours truly to fill empty space) at http://www.rvi.be/rvi_master/uk/radio_world/index.html.

I'll miss RVI—while they certainly weren't in the same class as Radio Netherlands or Deutsche Welle, it was the best way to find out about their corner of Europe.

Non-shortwave tip for April: *Switzerland In Sound*

I mentioned this last September, but it's worth highlighting again. Bob Zanotti, now retired from SRI, has taken it upon himself to produce a “voice” from Switzerland even though **Swiss Radio International** has gone silent. Bob's programs are mindful in style of his days on the air at SRI; they're of various lengths and provide interesting sound portraits of Switzerland and things Swiss. It was great to see Bob in person at the SWL Fest, and it's great to hear him on the air still. Visit Bob's site at <http://www.switzerlandinsound.com/>, and tell him that I sent you.

Until next month, 73 DE Richard

WWW Shortwave Listening Guide

Looking for programs to listen to? You can find what programs are on for the current hour or list programs of a desired type on a given day at the **www Shortwave Listening Guide** on NASweb. 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

The 18th Annual Winter SWL Festival The Fest Never Ends...



Ed Mauger and Bill Oliver manning the NASWA Table Friday afternoon

By Richard A. D'Angelo

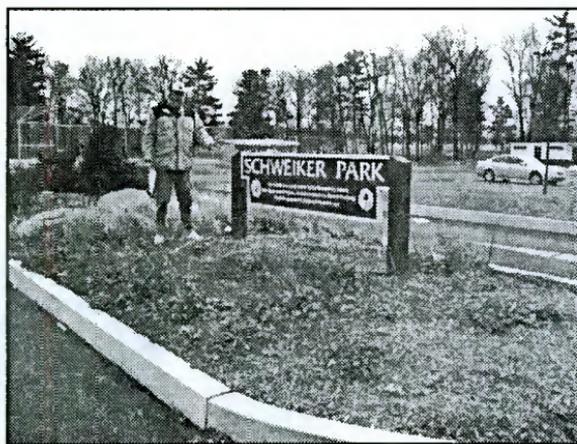
"The Fest never ends..." These immortal words spoken by Rich Cuff during a brief moment of Festing became the theme of this year's extravaganza. As in past year's the Winter SWL Festival was a combination of social interaction, informal gatherings, and forums designed to enlighten, inform and entertain culminating with the banquet and prize raffle give away on Saturday evening.

All in all, it was another grand party with about 160 hobbyists in attendance. The 18th Winter SWL Festival is now in the history books. The usual good time was had by all and I am happy to report that there were no arrests this year! Congratulations to co-chairs Rich Cuff and John Figliozzi and the

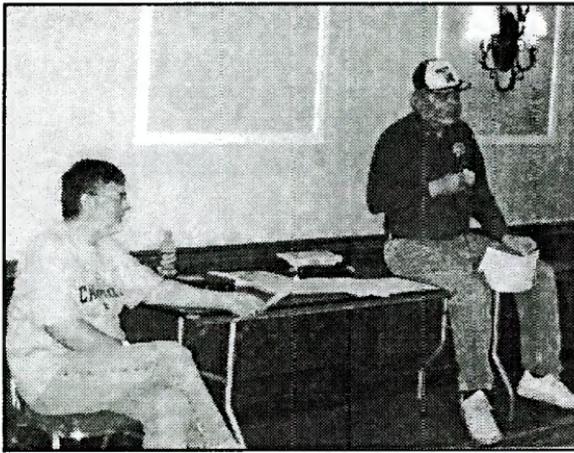
gang of volunteers that make this *the* gathering for radio hobbyists in North America. This was another truly outstanding event and these gents and all the men and woman that help put this great gathering together deserve a big thank you for doing what they do. **Thank You!**

The Fest formally begins on Friday but many folks arrive on Thursday to renew old acquaintances and help in setting up the venue, the Best Western, for the onslaught. A lot of wire is run to make the demonstrations of satellite television, DRM and anything

else imaginable possible. Those arriving early generally make the Thursday evening meal a traditional event and the Winter SWL Festival is all about tradition. Even newcomers are immediately caught up in the



George Zeller standing by the Schweiker Park sign where the 1951 NNRC Summer Picnic was held when it was known as Mapine Farms



Chris Lobdell and George Zeller during the pirate and clandestine forum

traditions such as buying excessive amounts of raffle tickets from Maryanne Kehoe to support the massive prize give away that concludes each banquet.

The main ballroom is where the various clubs set up display tables and sell sample bulletins, memberships and anything else they care to market. Mike Wolfson brings the entire Company Store so the club has sweatshirts, tee shirts, coffee mugs, beer mugs, books and catalogs available for purchase. Ed Mauger assisted Bill Oliver behind the club display table for most of the weekend. I saw Dan Cashin and Bob Montgomery helping out from time-to-time enabling Ed and Bill catch a forum or two but more importantly visit the bathroom!

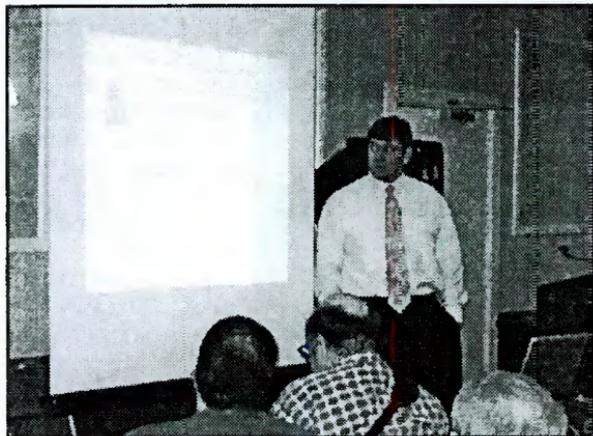
Friday is when things begin to heat up. Early risers can register at 0730 local time. John and Rich offer welcoming remarks at 0845 before the first of the day's many forums. There were two specific displays this year that attracted a lot of attention beginning at 0900 local and running throughout the day until 2200 local. Kim Elliott of the Voice of America hosted a continuous two-day demonstration and test of DRM transmissions, several of which were beamed specifically this week-

end to Kulpville. Talk about narrowcasting a target audience. The Ten-Tec 320D DRM-ready receiver used for the demonstration was one of the many raffle prizes on Saturday evening. Tracy Wood provided an opportunity to explore the world of international satellites by demonstrating the three-foot Ku-band satellite system.

The first forum entitled *The Scum Also Rises (The Year in Scanning)* was lead by Skip Arey and Tom Swisher with help of other active scanner listeners discussing the past year's developments in the world of scanning. The second forum of the morning, *The Year in Pirate and Clandestine Radio*, featured George Zeller and Chris Lobdell reviewing recent developments in unofficial, non-sanctioned, unlicensed and political dissident radio. This session fea-



Rich "the thin man" Arland during his presentation on QRP DXing



"A.J." Janitschek of Radio Free Asia during his talk about the station

tured a number of vintage recordings from Chris Lobdell's collection of pirate stations from the past.

The Friday lunch break is on your own with the exhibit area staying open for those interested in conversations and checking out the displays. George Zeller and I made a special side trip during the lunch break. Jerry Berg through his constant and never ending *On The Shortwaves* research told us about a location in nearby Lansdale where the 1951 Newark News Radio Club (NNRC) convention and picnic was held through 1951. For many years the NNRC held a summer convention at a place called Mapine Farm, which was the home of NNRCers Harold and Mary Robinson. The Robinsons sold the "farm" shortly after the '51 picnic making this gathering the last one on these hallowed DX grounds. Unlike the Fest, bingo, horseshoe pitching and beanbag tossing were popular activities with the wives winning most of the activities (spouses at a radio convention?). Jerry supplied a map to the Mapine Farm location with travel directions to nearby Lansdale. George and I had been planning to make this side trip

for the last two weeks leading up to this year's Fest with the constant prodding of Señor Berg. The map was essentially still accurate some five decades later with the only exception being the last turn where some industrial company apparently bought the land in the ensuing years and closed off a road that was once a public street. Nevertheless, we were able to find the exact location. Unfortunately, we did not find any old NNRC members playing horseshoes or holding potato sack races on the picnic grounds. Today the old Mapine Farm location of the 1951 NNRC Summer Con-

vention and Picnic is Schweiker Park. The park is home to a number of little league baseball fields where Lansdale's finest play ball and graffiti the dugouts.



Rich D'Angelo standing next to the little league dugout at Schweiker Park where the 1951 Mapine Farms NNRC Summer Picnic was held

The afternoon began with a cheery presentation by long time NASWA member and Voice of America broadcaster Dan Robinson talking about *The Continuing Decline and Future of the VOA*. Dan discussed the future of America's international broadcaster. The fourth session of the day featured our own Technical Topics editor Joe Buch who gave a *BPL Update and The Art of Noise Reduction* presentation. After these two presentations



Harold Cones presenting the Don Jensen Distinguished Service

most people attending needed some liquid adult beverages to keep their spirits high.

At 1500 local time the amateur radio licensing exams returned again with Richard Magdy and Skip Arey. This was very popular last year but this year a much smaller group of Fest participants used this opportunity to get their first ham ticket or upgrade. The fifth session of the day and final afternoon session was *Old Iron—Finding, Fixing and Enjoying Classic Receivers* with Kevin Carey offering tips on how to acquire classic receivers and how to keep these rigs running in top condition. Here you could get tips on Heath, Hammarlund, Hallicrafters, National and Collins receivers.

The hospitality room opened at 1700 local thanks to Mike Wolfson with able assistance for the second year from his dad, Marv. There was the traditional *Swap Meet* in the Stockholm Room beginning at 1900 local. The evening closed with the *Fest Friday Late Night Forums* for all those that didn't get enough during the day sessions. Skip Arey took people on a tour of the wide, wide world of radio in *A Survey of the Radio Hobby* at 1930 local time.

This was followed by David Goren and Myke Weiskopf re-opening the popular *The Listening Lounge* where all sorts of sounds, programs, tunes and voices could be heard. There are always the usual array of late night conversations going on throughout the hotel so there was plenty to keep overnight guests occupied.

Things continued hopping bright and early on Saturday morning. The DRM, Satellite, the DX-Tuner demonstrations plus the club and vendor displays opened early at 0800 local. The first forum of the day began at 0900 local with activities running continuous until Pancho Villa's ride at midnight.

Dr. DX, Harold Cones, started the Saturday forums off at 0900 local with *If Your Erektion Lasts Longer Than Four Hours ... You Must Be a Dixer!: The Great Outer Banks DXpedition*. Harold talked about getting away from it all with John Bryant for a Cape Hatteras DX outing. At 1000 local the infamous silent



Bill Oliver checking the sweatshirt and tee shirt inventory at the NASWA Table on Saturday afternoon.

auction commenced which raises money for charity (this year's charity was a Tsunami relief organization). The ninth forum was hosted by a slender Rich Arland, *The Art and Science of QRP DXing*. Here Rich talked about low power, five watts or less, DXing and portable QRP and SWLing using his Elecraft KX-1 transceiver with an emphasis on technique and antennas while offering tips that can be used by shortwave DXers as well as hams. Rich could also be heard talking about how he became known as "slim" in northeast Pennsylvania.



George Zeller and Harold Cones

Lunch was another outstanding pizza and dessert buffet guaranteed to increase the size of the average shortwave listener's waistline, as if our waistlines needed that extra encouragement. The pizza and desserts were so tasty, nobody seemed to have room for the unlimited salad bar. Andrew "A.J." Janitschek of Radio Free Asia returned to the Fest with a review of the station's recent activities, its QSL card collection for DXers and a few other surprises. AJ gave an open invitation to shortwave listeners to visit Radio Free Asia at its Washington, DC headquarters. With a little advance notice, he would be more than happy to provide a tour of the facilities. This is a very DX friendly station. The tenth and final forum of the day was hosted by two very familiar names to all shortwave listeners, Ian McFarland (Radio Canada International) and Bob Zanotti (Swiss Radio International), *Looking Back; Looking Forward*. Although retired from broadcasting duties, Ian and Bob did some reminiscing but also looked to the future while engaging the crowd in a discussion of the future of the shortwave broadcasting medium.

The silent auction closed down at 1615 local time. Alan Johnson, Harold Cones and Kris Field made themselves available to collect money from the winning bidders. Almost \$700 was raised through this year's silent auction, which went to tsunami relief.

Some of the junk left over managed to make its way into George Zeller's hands as the first "winner" during the prize raffle later that evening.

The time slot between 1630 and 1800 local time is reserved for organizations, such as the Association of North American Radio Clubs, to hold meetings. Mike and Marv Wolfson got the hospitality room open with an extra hand provided by Dan Cashin. A lot of stories are told during this time period leading up to the evening's activities. Some of the stories are even true!

The Saturday evening activities commenced at 1800 local time with a cash bar. The hotel did another fine job with the banquet. After consuming our food, it was time for the evening activities hosted by Master of Ceremonies Harold Cones. After dinner remarks were given by Frans Vossen of Radio Vlaanderen International. With RVI discontinuing its shortwave broadcasting activities Frans let down his hair with an honest, heartfelt talk about the situation in Belgium. The standing ovation from the audience was an indication of the love and respect shortwave listeners have for this man and what he and his colleagues have gone through in recent months.

Congratulations to Sheryl Paszkiewicz who was honored by the Executive Council for the 2005 William P. Eddings Award as the

NASWA Member of the Year. Harold Cones made the announcement of the award at the Winter SWL Festival banquet in recognition of her many contributions to the club over the years as a contributor, and editor and finally as a pioneer in launching the weekly electronic *Flashsheet*. Her dedication, leadership and expertise have been essential to the club and the shortwave listening hobby. The selection of Sheryl Paszkiewicz by our Executive Council for this honor was well deserved.

Harold was a busy man announcing myself as the recipient of the Don Jensen Distinguished Service Award on behalf of the Association of North American Radio Clubs (ANARC). It was a well-kept secret and I was rather surprised. Thanks to the ANARC Club Representatives but more importantly thank you to all the great people I come into contact with on a daily basis through the shortwave listening hobby. It's the people that make the extra effort worth doing!

The final official event was the tremendous prize raffle. There seemed to be a lot of beer mugs and "things" in white and black boxes as prizes. There was also an assortment of communications receivers with the top prize an AOR 7030. As the final ticket was pulled from the drum by Bob Zanotti, or was it Ian McFarland, you could hear a pin drop. Unfortunately, there was no name on the ticket so the number had to be called off. Everyone frantically checked their ticket

stubs. When Rich Hankison discovered he held the winning ticket, he jumped out of his seat as if a dynamite charge went off under his chair. To say Rich was overwhelmed would be a mild understatement. Rich was so thankful for the prize, he wrote out an additional check for the tsunami relief organization in appreciation. They don't get any classier than this guy! Thanks Rich and I hope the security folks at the airport didn't give you too difficult a time getting the 7030 on the plane, hi!

After the banquet ended, informal gatherings are held almost everywhere conceivable in the hotel. The hospitality suite usually enjoys a full house consuming all sorts of adult beverages, soft drinks and munchies. The midnight broadcast of the infamous Pancho Villa seems to cap off every Fest. Once Mr. Villa signs off, things begin to slowly taper off although not everyone turns in early. There are always plenty of places to find someone to talk to about radio or almost anything else for that matter. After all, what else does one do at a family reunion of this size?

The 2006 Winter SWL Festival is scheduled for 3 and 4 March 2006 at the Best Western. It will be the 19th such event. The 20th Fest is scheduled for 9 and 10 March 2007 with plenty of surprises in store for all that attend. You don't want to miss that one! It's never too early to begin planning on attending. Remember, *the Fest never ends...*

Temporary Goodbye

Due to circumstances beyond my control, I have become engaged to a lovely young lady who happens to live and work in the Bay Area. Therefore, I am selling my property in Kansas, retiring, and heading west. Due to the work necessary to accomplish all this, plus building up frequent flyer miles, I must leave my post as Editor for the Short-Wave Center. It has been a pleasure working with the staff of the *Journal* now, more or less continuously, for nearly 30 years. Things have changed in the way we produce the *Journal*, but one thing has never changed. We depend on you, the members, to support the *Journal* with interesting articles and other

material for publication. I wish to thank our many contributors over the past several years I have edited SWC. Please continue to contribute and support the *Journal*.

Parting company will be temporary. Once settled in Sunny California I plan to set up a listening station and report on that wonderful trans-Pacific DX I have always envied. It is likely that we will move somewhere else when she retires in several years. Hopefully, my duties as househusband will allow me to resume assisting with the *Journal*, perhaps next year. Meanwhile, 73s to all my Shortwave DX friends. 

Scoreboard

Gary R. Neal • 4866 N. Wyndham Rd. • Wichita, KS 67219-5501 • grneal@earthlink.net

This month we are highlighting our members' totals from Africa. This is your chance to show everyone how well you are doing. The next deadline is May 15th for the June 2005 issue of the *Journal*. The spotlight will be on South America.

Name, State	Total		Africa		Best Africa QSL
	c/H	c/V	c/H	c/V	
Marlin Field, MI	244	244	66	66	Kenya (250 w.)
Jerry Berg, MA	244	244	64	64	R. Clube Tenerife, CanaryIs. (250 w.)
Tom Williamson, ON	243	230	65	61	ZNB Mafeking, Bechuanaland
John Sgrulletta, NY	240	240			
Harold Cones, VA	234	232	64	64	R. Reunion
Steven R. Lare, MI	234	216	61	51	Mauritius
Rich D'Angelo, PA	225	223	58	57	R. Mogadishu, Italian Somaliland
Chris Lobdell, MA	224	221	62	61	Zanzibar
Sheryl Paszkiewicz, WI	224	217	59	58	Guinea
Jerry Klinck, NY	220	202			
Paul Buer, FL	218	207	60	54	La Voz de la Isla de la Palma (350 w.)
Dan Robinson, MD	217	205	62	58	Reunion
Ron Howard, CA	212	200	57	52	R. Cidade-
Jerry Johnston, KY	209	138	58	28	R. St. Helena
George Maroti, NY	204	195	53	50	R. Hargeysa
Stephen Price, VA	193	174	52	41	R. Tunisia
Ross Comeau, MA	192	168	51	38	R. Tanzania - Zanzibar
Allan R. Loudell	192	167	50	37	R. Lesotho
James R. Renfrew, NY	187	156	51	38	Biafra 6025
Gary W. Froemming, AZ	184	44	51	8	ZUD Time Station (S. Africa)
Bob Raymond, NH	175	150			
Scott R. Barbour, NH	161	108	40	19	R. Lomé, Togo
George L. Glotzbach, MN	154	136	30	25	R. Lomé, Togo
Scott C. Newman, IN	148	113	37	25	R. Omdurman
Jilly Dybka, TN	145	108	34	21	R. Nacional Angola
David Turnick, PA	144	124	29	25	Zimbabwe Broadcasting Corp.
Paul Brouillette, IL	141	118	38	22	R. Mozambique
Edward G. Stroh, IL	135	104	30	18	R. Mogadishu, Somalia
Gary R. Neal, KS	134	123	25	22	R. St. Helena
John Mosman, WI	120	120	27	27	W. Nigeria Broadcasting Corp.
Jerry Ervine, TX	110	60	15	6	Nigeria



Listener's Notebook

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

ARGENTINA *Radiodifusion Argentina Al Exterior (RAE)* thru October 30:

0000-0200	Portuguese	11710	Mo-Fr
0200-0300	English	11710	Mo-Fr
0300-0400	French	11710	Mo-Fr
0900-1200	Spanish	6060	
1000-1200	Japanese	11710	Mo-Fr
1200-1400	Spanish	11710	Mo-Fr
1800-0100	Spanish	11710	Su
1800-0300	Spanish	6060 15345	Su
1800-1900	English	9690 15345	Mo-Fr
1900-2000	Italian	9690 15345	Mo-Fr
2000-0230	Spanish	6060 15345	Sa
2000-2100	French	9690 15345	Mo-Fr
2000-2200	Spanish	11710	Sa
2100-2200	German	9690 15345	Mo-Fr
2200-2400	Spanish	6060 11710 15345	

Weekends relay Radio Nacional AM 870 kHz. (Marcela Campos, Director, RAE/Alokesh Gupta-INDIA)

ARMENIA *Radio Yerevan's* Sunday service still registered in A-05 schedule in Fr/En/Ge, (0700-0830 15270) but never heard in past three periods anymore! (Churchill-CA, DXplorer Mar 13/BC-DX/Bueschel-DE)

BANGLADESH *Bangladesh Betar* A05 External Service:

1230-1300	English	7185
1315-1345	Nepali	7185
1400-1430	Urdu	7185
1515-1545	Hindi	7185
1600-1630	Arabic	7185
1630-1730	Bangla	7185
1745-1815	English-VOI	7185
1815-1900	English	7185
1915-2000	Bangla	7185

English-VOI = Voice Of Islam

(Ashik Eqbal Tokon-Bangladesh/Cumbre DX/Johnson-FL)

BELGIUM A-05 *Radio Vlaanderen Internationaal* schedule, ceased T-systems Julich relays:

9590	0655-0800	SKN BEL MER
9925	0455-0530	MEY BEL MER
9970	0300-2200	WAV BEL VRT
15160	1255-1600	SKN BEL MER Su
15195	1055-1130	RMP BEL MER
15325	1755-1900	DHA BEL MER
21630	1000-1130	MEY BEL MER

A-05 *RTBF International* ceased daylight 9970 kHz outlet at Wavre, see VRT above.

17545	1000-1400	JUL DTK
17570	1400-1900	JUL DTK
17580	0500-1000	JUL DTK
21565	1000-1400	JUL DTK

(Nueschel-DE/BC-DX)

BRAZIL *Radio Guaruja Paulista* now on 3385 (ex-3400). Reception reports to:

Radio Guaruja Paulista
a/c Orivaldo Rampazo, Director R.
Jos Vaz Porto 175
11431-190 Guaruj-SP Brasil

Or via email:

radioguarujaam@radioguarujaam.com.br

(Rudolf Grimm-Brasil/Cumbre DX/Johnson-FL)

Problems with the shortwave transmitter of *Radio Inconfidencia* (Belo Horizonte). Jaime Soares informs that the equipment is burnt. Then, no signal (off the air) from Inconfidencia 6010 kHz, at this moment. (Celio Romais/Rudolf Grimm/Cumbre DX/Johnson-FL)

BULGARIA *Radio Bulgaria* Summer A05:

0000-0100	Bulgarian	9500 9700 11500 11700
0100-0200	French	9700 11700
0100-0200	Spanish	9400 9500 11500
0200-0300	English	9700 11700
0300-0400	Russian	7500 9400
0400-0500	Bulgarian	7200 7500 9400 9500 11500 Sa/Su
0430-0500	Bulgarian	7200 7500 9400 9500 11500 Mo-Fr
0500-0530	German	9500 11500
0500-0530	Greek	7200 Mo-Fr
0500-0530	Russian	7500 9400
0500-0530	Turkish	6000 7400
0500-0600	Greek	7200 Sa/Su
0530-0600	Albanian	7200 Mo-Fr
0600-0630	French	11600 13600
0600-0630	Serbian	7200 Mo-Fr
0600-0630	Spanish	13700 15700
0600-0700	Albanian	7200 Sa/Su
0630-0700	English	11600 13600
0700-0800	Serbian	7200 Sa/Su
1000-1030	Bulgarian	7200 11600 11700 13600 15700
1000-1030	Turkish	6000 7400
1030-1100	German	11700 15700

1030-1100	Greek	7200
1030-1100	Russian	11600 13600
1100-1130	Albanian	7200
1100-1130	French	11700 15700
1100-1130	Spanish	11600 13600
1130-1200	English	11700 15700
1130-1200	Serbian	7200
1200-1400	Bulgarian	11700 15700
1400-1500	Russian	7500 9400 12000
1500-1600	Bulgarian	7200 7500 9400 15700
1600-1630	Albanian	7200
1600-1630	Russian	7500 9400
1630-1700	German	9500 11500
1630-1700	Greek	7200
1630-1700	Spanish	15700 17500
1700-1730	French	9500 11500
1700-1730	Serbian	7200
1730-1800	English	9500 11500
1730-1800	Turkish	7400
1800-1900	Bulgarian	5900 7400 9700
1800-1900	Russian	7500 9400
1900-2000	Albanian	5900
1900-2000	Bulgarian	7400 9700
1900-2000	German	5800 7500
2000-2100	French	5800 7500
2000-2100	Greek	5900
2100-2200	English	5800 7500
2100-2200	Serbian	5900
2100-2200	Spanish	11800 13800
2300-2400	English	9700 11700
2300-2400	Russian	13600
2300-2400	Spanish	9500 11500

Radio Varna

2100-2400 7400 Su
0000-0300 7400 Mo

(Observer-BUL)

CONGO—DEMOCRATIC REPUBLIC 11690 *Radio Okapi*, 0414-0424, Some sort of nx pgm in an African dialect hosted by W anncr. Played one actuality by M reporter in FR followed by W in FR. Had a short fast musical signature at 0419, and W host continued. 0421 nice canned promo ID jingle by W w/dif. W repeating "Okapi" about a half dozen times!! Somewhat weak but readable and clear. (11 March/Valko-PA)

CYPRUS A05 *Cyprus Broadcasting Corporation*, Nicosia only on weekends Fr-Su, registered with VT Communications Zyggi transmitter site near Limasol, for decades on these channels: 2215-2245 Greek 6180 7210 9760. (Bueschel-DE/BC-DX)

CZECH REPUBLIC *Radio Prague*, Summer period 2005

0000-0030	English	7345 9440
0000-0030	Spanish	11665-Ascension
0030-0100	Spanish	7345 9440
0100-0130	English	6200 7345

0130-0200	Czech	6200 7345
0200-0230	Spanish	6200 7345
0230-0300	Czech	7345 9870
0300-0330	English	7345 9870
0330-0400	English	9445 11600
0400-0430	Russian	9445 11600
0600-0630	French	5930 7345
0630-0700	German	5930 7345
0700-0730	English	9880 11600
0730-0800	French	9880 11600
0800-0830	Spanish	11600 15710
0830-0900	Czech	11600 15710
0900-0930	English	21745
0930-1000	Czech	21745
1000-1030	German	6055 9880
1030-1100	English	9880 11615
1100-1139	Czech	11615 15710
1130-1200	Russian	11615 15710
1200-1230	German	6055 7345
1230-1399	Czech	6055 7345
1300-1330	English	13580 21745
1330-1400	Czech	13580 21745
1400-1430	Spanish	11625 13580
1430-1500	Russian	9410 13580
1500-1530	German	5930
1530-1600	Czech	5930 17485
1600-1630	English	5930 17485
1630-1700	French	5930 17485
1630-1700	German	11810-Krasnodar
1700-1730	English	5930 17485
1730-1800	Czech	5930 17485
1800-1830	Russian	7390-Novosibirsk
1800-1830	Spanish	5930 13580
1830-1900	French	5930 13580
1900-1930	Spanish	5930 13580
1930-2000	Czech	5930 11600
2000-2030	English	5930 11600
2030-2100	Spanish	5930 11600
2100-2130	Czech	9800 11600
2130-2200	English	9800 11600
2200-2230	French	7345 9415
2230-2300	English	7345 9415
2300-2400	Spanish	7345 9440
2330-2400	Czech	7345 9440

Transmitters at Litomyšl, except where marked (Radio Prague via Andreas Volk-D, ADDX Mar 6/BC-DX/Bueschel-DE)

DJIBOUTI 4780, 0417-0422, *RTD Djibouti* Mar 19 Tentative. I didn't learn of this reactivated outlet until past 0400 tonight, but I presume it was Djibouti putting in a weak signal anyway, more than one hour past RTD sunrise. Male announcer in African-sounding language, a brief bit of music, and that was it. Signal quickly dropped into the noise by 0420. Some swisher (CODAR) interference. Thanks to Hallmann via Bueschel for tip. (Atkins-WA/Cumbre DX/Johnson-FL)

ECUADOR HCJB World Radio A05 schedule:

0000-0300	Quichua	3220 6080
0100-0500	Spanish	6050 9745 21455
0200-0230	German-L	9785
0230-0300	German-H	9785
0500-0530	German-H	9780 21455
0530-0600	German-L	9765 21455
0800-0930	Portuguese	9745 21455
0830-0930	Quichua	3220 6080 6125
0930-1000	Quichua	3220 6080 6125 21455
1000-1100	Quichua	3220 6080 21455
1030-1100	Huarani	6050
1100-1130	Cofan	6050
1100-1200	Quichua	3220 6080
1100-1300	Spanish	6050 11760 11960
1100-1330	English	21455
1100-1330	English	12005
1200-1300	Quichua	6080
1300-1330	Spanish	6050 9745 11760
1330-1500	Spanish	6050 9745 11760

1530-1800	Portuguese	15295
1900-2000	Spanish	6050
2000-2100	Spanish	6050 21455
2100-2130	Quichua	6080
2100-2300	Spanish	6050 11710 21455
2130-2400	Quichua	6080 9745
2230-2300	German-L	12040
2300-0100	Spanish	6050 11710 21455
2300-0230	Portuguese	11920 12020
2300-2400	German-H	12040

Note: HCJB's shortwave broadcast schedule also includes these programs transmitted from these locations.

0000-0100	English	15525-Australia
0100-0230	English	15560-Australia
0230-0300	English	15560-Australia Su
0230-0300	Urdu	15560-Australia Mo-Sa
0700-1000	English	11750-Australia
1000-1300	English	15425-Australia
1230-1300	English	15405-Australia
1300-1330	Indonesian	15405-Australia
1330-1400	English	15405-Australia Su
1330-1400	Urdu	15405-Australia Mo-Sa
1400-1415	Hindi	15405-Australia
1415-1430	Chhattisgarhi	15405-Australia Th
1415-1430	Hindi	15405-Australia Su
1415-1430	Hmar	15405-Australia Fr
1415-1430	Malayalam	15405-Australia We
1415-1430	Meetei	15405-Australia Sa
1415-1430	Nepali	15405-Australia Tu
1415-1430	Punjabi	15405-Australia Mo
1430-1600	English	15390-Australia
1600-1630	German-L	3955-Germany
1600-1630	various*	9740-UK
1630-1700	German-H	3955-Germany
2100-2230	Arabic	12025-UK
2230-2400	English	15525-Australia Sa/Su
2230-2400	Mandarin	15525-Australia Mo-Fr

German-L = Low German
 German-H = High German
 * = former Soviet Union languages
 (HCJB/Alokesh Gupta-India)

GERMANY A-05 Democratic Voice of Burma schedule:

5910	1430-1530	A-A KAZ GFC
9435	2330-0030	JUL DTK
17625	1429-1526	MDC MDG RNW

(Bueschel-DE/BC-DX)

GREENLAND The relays of *Greenlandic Radio (KNR)* on 3815 USB are a service provided by Ammassalik Radio (OZL), the coastal maritime station of the Greenlandic PTT in Tasilaq. 3815 is not a KNR transmitter; KNR is renting air time (2:30h/day) on the facilities of Ammassalik Radio to broadcast news in Greenlandic and Danish for the fishery fleet. Acc. to the station, the times of the broadcasts will shift to 1400-1515 and 2000-2115 from 27 March when Greenland starts observing DST. (Bernd Trutenau-Lithuania/Cumbre DX/Johnson-FL)

HUNGARY Summer A-05 schedule for *Radio Budapest* (# via Rimavska Sobota):

0000-0100	Hungarian	9770
0100-0130	English	9590
0130-0230	Hungarian	9820
0230-0300	English	9795
0300-0330	Russian	3975 6025#
0330-0400	Spanish	3975 6025#
0400-1100	Hungarian*	6025 Su
0400-1600	Hungarian*	6025 Mo-Sa
1100-1200	Hungarian	6025 Su
1100-1200	Hungarian	21590
1200-1300	German	6025# 7220 Su
1300-1400	Hungarian	6025 Su
1400-1500	German	6025# 7160 Su
1500-1530	English	6025 9655 Su
1530-1600	Russian	6025 9690 Su
1600-1630	French	6025# 9685
1630-1700	Italian	3975 6025
1700-1730	Russian	6025# 9855 Mo-Sa
1700-1800	German	3975 6025# Su
1700-1800	Hungarian	15335
1730-1800	German	3975 6025# Mo-Sa
1800-1900	Hungarian	3975 6025 11990
1900-1930	English	3975 6025
1930-2000	German	3975 6025# Mo-Sa
1930-2000	Russian	3975 6025# Su
2000-2030	French	3975 6025
2000-2100	Hungarian	11695
2030-2100	Italian	3975 6025
2100-2130	English	6025# 9525
2130-2200	Spanish	6025# 7250
2200-2300	Hungarian	6025 9850 12030
2300-2400	Hungarian	9850 12030 Su

* R. Kossuth

(Observer-BUL)

IRAN A-05 IRIB Tehran schedule, 75 mb transmissions:

3945	1430-0430	ZAH	Pushtu-m-p
3985	1630-0330	MAS	Arabic
3985	1700-1800	KAM	Russian
3985	1900-1930	AHW	Hebrew
3985	1930-2030	KAM	Russian

(Bueschel-DE/BC-DX)

ISRAEL Kol Israel A-05

0255-2110	Arabic	5915
0330-0345	English	7545 9345 11605 17600
0345-0400	French	9345 7545
0400-0500	Hebrew	9345
0500-0930	Hebrew	17535
0930-0945	English	15640 17535
0945-1000	Ladino	15640 17535
1000-1015	French	15640 17535
1000-1015	Spanish	15640 17535
1030-1400	Hebrew	17535
1400-1500	Persian	15640 17525 17535* Fr/Sa/holidays
1400-1525	Persian	15640 17525 17535* Su-Th
1500-1525	Russian	15640 17535 Fr
1500-1525	Sp/Ladino	11605 15640 17535 Sa
1530-1545	French	11605 15640 17535
1545-1600	Ladino	11605 15640 17535
1600-1625	Yiddish	9345 11605 15640
1625-1645	Romanian	9345 11605 15640
1645-1700	Hungarian	9345 11605 15640
1700-1715	French	9345 15640
1715-1730	Spanish	9345 15640
1730-1745	English	9345 15640
1800-1845	Amh/Tigre	9345 11605 15640
1845-1900	Hungarian	9345 11605 15640
1900-1925	English	11605 15615 15640
1930-1945	French	9345 11605 15640
1945-2000	Spanish	9345 11605 15640
2000-2100	Hebrew	15640
2000-2100	Russian	9345 11585
2100-2300	Hebrew	11585
2300-0330	Hebrew	9345

* = Reserve frequencies of 11605 and 13805

NB. 27 March to 31 March, as above, but all times will be one hour later than shown) (Website/Glenn Hauser/Alan Roe, WDXC/DX Listening Digest)

ITALY A-05 RAI Rome late changes

0345-0425	Russian	11830
0600-0620	Russian	11795
1245-1630	Italian	9605 11915 21515 Su
1330-1355	Arabic	11915
1400-1500	various	9570
1500-1525	Italian	11720 11915
1605-1625	Russian	9555 11700
1630-1655	Arabic	11915
1630-1700	French	9675
1700-1800	Italian	9675 11890

1830-1905	Italian	15380
2000-2020	Russian	9615 11805
2025-2045	English	11875
2050-2110	Portuguese	11875

(March 9/BC-DX/Bueschel-DE)

JAPAN 3607.5 NHK1 Tokyo-Shobu at 1243-1301* UT on Mar 14. Several En croon tunes 1243-1255 UT, all sounding like Bing Crosby to me w/only one brief anmt by M ancr; 1255-59 M talking, nx maybe?; 1300 M&W ancrs with closing anmts and off at 1301. Better-than-usual signal; 3373.5 (not //) was also VG this morning. (John Wilkins-CO-USA, DXplorer Mar 16/BC-DX/Bueschel-DE)

3925 at 1429- UT, **Radio Nikkei** on Mar 19. Very strong reception with usual light Japanese banter, quiz show with ditzy females (so typical of JJ programming!). Off suddenly in mid-sentence at 1430 UT. I didn't hear any kind of sign off ID. (Walt Salmaniw-BC-CAN, DXplorer Mar 19/BC-DX/Bueschel-DE)

3373.5U **NHK Osaka** at 0931-1017 UT on Mar 19, En lang. lessons, first prgm repeated words and short sentences, 2d prgm read short story, then a Q&A session, poor-fair. A quick check at 1020 found 3607.5U // 6005(AM), both good. (Ron Howard-CA-USA, DXplorer Mar 20/BC-DX/Bueschel-DE)

KOREA—SOUTH According to Mr. Tohru Yamashita of Asian Broadcasting Institute, **Radio Korea International** has changed the name to "**KBS World Radio**" as from March 3, which is the 32nd anniversary of today's KBS (Korean Broadcasting Public Corporation). The new name was selected from the 10 candidate names voted by all the KBS employees, finally decided by the president of KBS, and announced to the public on February 22. After the change, former RKT's site has changed to <<http://world.kbs.co.kr/>> integrated with their international TV broadcasting "**KBS WORLD.**" E-mail addresses including "rki" have also changed. Now english@kbs.co.kr. (Akabayashi-JPN, WWDXC/BC-DX March 11/Bueschel-DE)

MALAYSIA Radio Television Malaysia A05 schedule:

0000-2400	English	7295-KAJ
0000-2400	Malay	5965-KAJ
0000-2400	Tamil	4845-KAJ
0200-1700	LocalMalay	6025-KAJ
0300-0830	English	9750-KAJ
0300-0830	English	6175-KAJ
0300-1230	Eng/Chin	15295-KAJ
0400-0600	Local	7130-STA
0400-1500	Local	6060-MIR
0800-1500	Local	7270-STA
0800-1500	Local	4895-STA
1000-1900	Indo/Malay	9750-KAJ
1000-1900	IndoMalay	6175-KAJ

1030-1230	Chinese	11885-KAJ
1300-1530	Thai/Bur	6100-KAJ
1530-1900	Arab/Malay	15295-KAJ
2100-1800	Local	4970-TUA
2200-0100	Local	4895-STA
2200-1500	Local	3385-MIR
2200-1500	Local	6050-SIB
2200-1500	Local	5005-SIB
2200-1500	Local	5980-TUA
2200-2400	Local	5030-STA

(Gupta-India/Cumbre DX/Johnson-FL)

NEW ZEALAND Radio New Zealand International schedule thru May 1:

0459-0705	11820
0706-1059	9885
1100-1259	9885
1300-1650	6095
1651-1851	6095
1851-1950	9845
1951-2050	11725
2051-0458	15720

(BC-DX/Bueschel-DE)

A-05 Tentatively DRM test schedule of **RNZi**:

0445-0700	9615
0700-1315	7145
1300-1900	7145
1845-2000	9615
1945-2100	11675
2045-0500	13730

(Mar 9/BC-DX/Bueschel-DE)

PAPUA NEW GUINEA I recently asked Joe Emert for another update on the planned *Wantok Radio Light* project (7120 kHz) in Papua New Guinea; they are evidently behind schedule as many new radio station operations are. The target date is now in the period from late May to early June (prior target was early March). Mr. Emert shared the following excerpt from the calendar of an HCJB engineer who is overseeing the installation:

"May 5-28 Shortwave team from Elkhart is here to install and commission the Shortwave.

May 29-June 10 I travel to Rabaul, Lae, Goroka, and Lalibu to install the first remote FM transmitters. This schedule is predicated on the understanding that two of these sites have multiplexers and we won't need to install antennas.

Jun 11 Celebration of the commencement of SW and the first FM stations. This will be held in the highlands. More details are pending but I wanted you to know so you can mark your calendars that this is the plan at this time." (Guy Atkins-WA-USA, hcdx Mar 14/BC-DX/Bueschel-DE)

SLOVAKIA Radio Slovakia International A05 rearranged from RSI website:

0100-0130	English	5930 9440
0130-0200	Slovak	5930 9440
0200-0230	French	5930 9440
0230-0300	Spanish	9440 11990
0700-0730	English	9440 15460
0730-0800	Slovak	9440 15460
0800-0830	German	6055 7345
1300-1330	Russian	9440 11990
1330-1400	German	6055 7345
1430-1500	Spanish	9440 11600
1500-1530	Russian	9535 11715
1530-1600	Slovak	5920
1600-1630	German	5920 7345
1630-1700	English	5920 7345
1700-1730	French	5920 7345
1730-1800	Russian	5920 9485
1800-1830	German	5920 6055
1830-1900	English	5920 6055
1900-1930	Slovak	5920
1930-2000	French	5920 6055
2000-2030	Spanish	6055 11650

(via Eike Bierwirth-DE/DX Listening Digest/Hausen-OK)

SOUTH AFRICA Complete schedule from site Sen-tech A05:

Channel Africa

0300-0355	English	6160
0300-0355	Swahili	6120
0300-0500	English	3345
0400-0455	French	7390
0500-0555	English	9685
0500-0800	English	7240
0600-0655	English	15440
0800-0900	Nyanja	11825
0900-1000	Lozi	11825
1000-1200	English	11825
1200-1300	Nyanja	11825
1300-1400	Lozi	11825
1400-1600	English	11825
1500-1555	English	17770
1500-1555	Swahili	17780
1600-1655	French	15235
1700-1755	English	15235
1900-2000	Portuguese	3345
2000-2200	English	3345

Radio Sonder Grense

0530-0800	Afrikaans	7185
0800-1600	Afrikaans	9650
1600-0530	Afrikaans	3320

South African Radio League

0800-0900	English	7205 Su
0800-0900	English	17810
1900-2000	English	3215 Mo

BBC

0300-0330	Swahili	6050
0300-0500	English	3255 6190 7120
0400-0430	Swahili	9840
0430-0500	Portuguese	3390 6135 7205
0500-0600	English	3255 6190 11765
0530-0600	Kirundi	15400 Sa/Su
0600-0700	English	6190 11765 11940
0700-0730	French	17695
0700-1500	English	6190 11940
0500-1530	English	6190 11690 11940
0530-1600	English	6190 11940
0530-1615	Swahili	11690 Sa/Su
0530-1700	Swa/Kirundi	11690
0600-1700	English	3255 6190
0615-1700	English	11690 Sa/Su
0700-1900	English	3255 6190 11945
0730-1745	English-t	3390 7230 9525
0745-1800	Swahili	7230
0800-1830	French	7230
0900-2200	English	3255 6190
0930-2100	Portuguese	3390 6135 7205

English-t = English teaching

Family Radio

0900-2100 English 3230

United Nations Radio

0700-1715 French 7150 11735 Mo-Fr
0730-1745 English 7150 Mo-Fr

Trans World Radio

0330-0345	Sidamo	7215 We/Th
0330-0345	Amharic	7215 Fr-Tu
0345-0357	Oromo	7215 Su
0600-0645	English	11640 Mo-Fr
0600-0615	English	11640 Sa/Su
0600-1630	Kirundi	9675
0625-1655	Somali	9660
0645-1700	Oromo/ Borana	9930 Su
0645-1700	Kambaata	9930 We/Th
0645-1700	Hadiya	9930 Fr/Sa
0657-1712	Juba	9660 Tu-Sa
0657-1727	Juba	9660 Su/Mo
0700-1715	Amharic	9930 Su
0700-1730	Amharic	9930 Mo-Sa
0703-1718	Sena	7265
0715-1745	Oromo	9930 Su
0718-1733	Yao	7265
0730-1800	Oromo	9930 Mo-Fr
0730-1800	Amharic	9930 Sa
0733-1748	Yao	7265 Tu/Fr/Su
0745-1800	Amharic	9930 Su
0755-1825	Pulaar	9620 Mo-Fr
0755-1825	French	9620 Sa/Su
0810-1840	Bambara	9720
0830-1900	Fulfulde	9510
0830-1900	Hausa	9695
0840-1910	Songhai	9720 Fr

1840-1925	French	9720 Sa-Th
1900-1930	Yoruba	9510
1900-1915	Kanuri	9695
1910-1925	Moore	9720 Fr
1925-1940	Songhai	9720 Sa
1925-1940	Moore	9720 Mo-Fr
1930-1945	Ewe	9510 Sa/Su
1945-2000	Igbo	9510 Su
1945-2015	Igbo	9510 Su

FEBA Radio

1500-1545	Nuer/Dinka	12125
1545-1600	Makonde	12125
1600-1700	Amharic	12125

Radio France International

0300-0400	French	5925
0700-0800	French	15170
1100-1200	French	17850
1200-1400	French	17850
1230-1300	French	21760
1600-1700	English	7170 15160
1900-2200	French	7160

Adventist World Radio

1700-1730	Swahili	9595
1730-1800	Masai	9595
1800-1830	English	3215 3345
1800-1900	English	9590
2000-2030	French	6100 9820
2000-2100	English	7175
2030-2100	Yoruba	6100

China Radio International

1500-1800	English	6100
1800-1900	Chinese	6100

Hirondelle Foundation

0400-0600 French 11690

(Kathy Otto, Broadcast Planning, Sentech Ltd/
Alokesh Gupta-India)

SWEDEN Radio Sweden's A05 English Schedule:

0130-0200	6010-Sackville
0130-0200	9435-Madagascar
0230-0300	6010-Sackville
1230-1300	13580 15735
1230-1300	15240
1230-1300	15735
1330-1400	15240-Sackville
1330-1400	15735
1330-1400	15735
1730-1800	6065
1930-2000	6065
2130-2200	6065 7420-Madagascar

(MediaScan/Sweden Calling DXers 2490/Alokesh Gupta-INDIA)

SWITZERLAND SWISSINFO—follower of *Swiss Radio International* on Internet will only remain on

English language website. Eight language sections will be ceased totally: German, French, Italian, Spanish, Portuguese, Arabic, Japanese, and Chinese. <<http://www.swissinfo.org>> [Insult to injury!-AQ]

TURKEY TRT Ankara, A-05 schedule

0000-0400	Turkish	5960 9460
0100-0200	Uzbek	7175
0300-0400	English	6140 7270
0400-0700	Turkish	9460 11750 15225
0700-0800	Georgian	9760
0700-0830	Azerbaijani	11730 15140
0700-0900	Turkish	11750 11955 15350
0800-0900	Macedonian	11690
0830-0930	Persian	11795 15220
0900-1100	Arabic	11690 15520
0900-1200	Turkish	11955 15350 17605
0930-1030	Hungarian	13770
0930-1030	Romanian	9560
1000-1500	Turkish	17705 Fr
1030-1130	Greek	7295 9840
1100-1200	Chinese	17715
1130-1230	Albanian	11875
1130-1230	German	13760
1200-1300	Urdu	13710
1200-1600	Turkish	11955 13655 15350
1230-1330	English	15225 15535
1230-1400	Persian	11940
1300-1400	Russian	13720
1330-1400	English	15225
1330-1400	Serbian	11860
1330-1430	Bulgarian	7210
1400-1500	Azerbaijani	9645
1400-1600	Arabic	11735 17790
1430-1530	Greek	7180
1500-1600	Kazakh	11860
1500-1600	Tatar	9855
1530-1630	Turkmen	11905
1600-1630	Croat	11865
1600-1700	Kirghiz	9575
1600-1700	Turkish	5960 9460 9560
1630-1700	Spanish	13720
1700-1800	Russisch	9675
1700-1800	Uzbek	6115
1700-2100	Turkish	5960 7215 9460 9560
1730-1830	German	13640
1800-1900	Bosnian	5980
1830-1930	English	9785
1930-2030	French	9535 11850
2030-2130	English	7170
2100-2200	Turkish	5960 7215 9460 9560
2200-2300	English	9830
2200-2400	Turkish	5960 9460

(March 10/BC-DX/Bueschel-DE)

UGANDA In its latest newsletter, *High Adventure* Canada announced short-term plans for a SW station in Uganda. The station is to be developed in co-operation with Dunamis FM Kampala, which already holds a licence for short wave. According to High Adventure, at the National Religious Broadcasters

Convention in Anaheim a deal was struck with the HCJB engineering plant for the speedy delivery of a low power short wave unit. The station is hoped to be on the air by summer 2005.

It remains to be seen, whether this schedule can be met. High Adventure has a pentecostal tradition of "proclaiming victory" long before it happens. (Bienen-DE, WWDXC Mar 9/BC-DX/Bueschel-DE)

UKRAINE Radio Ukraine International, Summer A05 Broadcasting Schedule

0000-0100	English	7485
0000-0100	Ukrainian	7420
0100-0300	Ukrainian	7420 7485
0300-0400	English	7485
0300-0400	Ukrainian	7420
0400-0500	Ukrainian	7485
0500-0800	Ukrainian	9945
0800-1100	Ukrainian	15675
1100-1200	English	15675
1200-1300	Ukrainian	15675
1300-1700	Ukrainian	7530
1700-1800	German	7490
1800-2000	Ukrainian	7490
2000-2100	German	7490
2100-2200	English	7420
2200-2400	Ukrainian	7420
2300-2400	German	7420

(Alexander Yegorov-Ukraine/Alokesh Gupta-India)

UNITED KINGDOM VT Merlin Communications schedule, various broadcasters, A05

ABC

6120	0000-0030 smtwfts	Singapore Indonesian
9720	2300-2330 smtwfts	Singapore Khmer
9770	1330-1400...s	Rampisham English
11550	0900-0930 smtwfts	Taipei Indonesian
11550	2130-2330 smtwfts	Taipei Indonesian
11920	0500-0530 smtwfts	Singapore Khmer
11920	0530-0600 smtwfts	Singapore Vietnamese
12010	1300-1430 smtwfts	Singapore Mandarin
15110	2330-2400 smtwfts	Taipei Vietnamese
21780	0400-0430 smtwfts	Dhabbaya Indonesian

AWR

11710	0300-0330 smtwfts	Dhabbaya Orominya
11795	1400-1500 smtwfts	Taipei Vietnamese
11975	0300-0330 smtwfts	Dhabbaya Amharic
11975	0330-0400 smtwfts	Dhabbaya Tigrinya
15135	1200-1230 smtwfts	Dhabbaya English
15135	1230-1300 smtwfts	Dhabbaya Bangla
15205	0300-0330 smtwfts	Dhabbaya Russian
15225	1500-1530 smtwfts	Dhabbaya Nepali
15225	1530-1600 smtwfts	Dhabbaya English
15265	1500-1530 smtwfts	Dhabbaya Punjabi
15265	1530-1600 smtwfts	Dhabbaya Hindi
15320	1300-1500 smtwfts	Dhabbaya Mandarin
15445	0100-0200	AWR Taipei Vietnamese

15460	1630-1700 smtwfts	Dhabbaya Somali	6050	1800-1830 smtwfts	Cyprus Romanian
17740	1330-1400 smtwfts	Dhabbaya Russian	6050	1930-2000. mtwtf.	Cyprus Turkish
			6065	0000-0030 smtwfts	Nakhon_Sawan Burmese
BBC					
3255	0300-0600 smtwfts	Meyerton English	6065	0030-0100 smtwfts	A'Seela Bengali
3255	1600-2200 smtwfts	Meyerton English	6065	0100-0130 smtwfts	A'Seela Hindi
3390	0430-0500 smtwfts	Meyerton Portuguese	6065	0130-0200 smtwfts	A'Seela Urdu
3390	1730-1746 smtwfts	Meyerton English	6065	1700-1730 smtwfts	A'Seela Hindi
3390	2030-2100 smtwfts	Meyerton Portuguese	6065	1730-1800 smtwfts	A'Seela Urdu
3915	1600-1800 smtwfts	Singapore English	6065	2330-2400 smtwfts	A'Seela Thai
3915	2100-2200 smtwfts	Singapore English	6080	2200-2300 smtwfts	Singapore Indonesian
3915	2200-2300 smtwfts	Singapore Indonesian	6080	2300-2400 smtwfts	Singapore Vietnamese
3915	2300-0030 smtwfts	Singapore English			
5875	0000-0115 smtwfts	Rampisham Spanish	6090	1300-1530 smtwfts	Kimjae Mandarin
5875	0000-0115 smtwfts	Skelton Spanish	6090	1600-2000 smtwfts	A'Seela Farsi
5875	0115-0130...twfts	Rampisham Spanish	6110	0000-0115 smtwfts	Ascension Spanish
5875	0115-0130...twfts	Skelton Spanish	6110	0000-0115 smtwfts	Antigua Spanish
5875	0300-0330. mtwtf.	Rampisham Russian	6110	0000-0115 smtwfts	Antigua Spanish
5875	1500-1600 smtwfts	Cyprus Turkish	6110	0115-0130...twfts	Ascension Spanish
5875	1600-1630 smtwfts	Cyprus Serbian	6110	0115-0130...twfts	Antigua Spanish
5875	1700-1730 smtwfts	Cyprus Azeri	6110	0115-0130...twfts	Antigua Spanish
5875	1900-2000...s	Cyprus Russian	6110	0300-0345 smtwfts	Antigua Spanish
5875	1900-1930. mtwtf.	Cyprus Russian	6110	0300-0345 smtwfts	Antigua Spanish
5875	2100-2400 smtwfts	Rampisham Arabic	6110	0345-0400...twfts	Antigua Spanish
5965	1500-1600 smtwfts	A'Seela Urdu	6110	0345-0400...twfts	Antigua Spanish
5965	2100-2400 smtwfts	Nakhon_Sawan English	6130	1100-1130. mtwtf.	Greenville Spanish
			6130	0400-0415 smtwfts	Rampisham Serbian
5970	0000-0100 smtwfts	A'Seela English	6130	1100-1130. mtwtf.	Spanish
5975	0400-0500 smtwfts	Antigua English	6130	1300-1330. mtwtf.	Spanish
5975	0400-0500 smtwfts	Antigua English	6135	0430-0500 smtwfts	Meyerton Portuguese
5975	1500-1600 smtwfts	Singapore English	6135	0530-0600 smtwfts	Ascension Hausa
5975	1600-1830 smtwfts	Nakhon_Sawan English	6135	2030-2100 smtwfts	Meyerton Portuguese
			6140	1400-1500 s...	A'Seela Hindi
5975	2100-2130. mtwtf.	Antigua English	6140	1400-1445. mtwfts	A'Seela Hindi
5975	2100-2130 s...	Antigua English	6140	1445-1500. mtwfts	A'Seela English
5975	2130-0400 smtwfts	Antigua English	6140	1515-1545 smtwfts	A'Seela Sinhala
5990	1430-1500 smtwfts	Singapore Vietnamese	6140	1545-1615 smtwfts	A'Seela Tamil
			6180	2215-2245 s...fs	Cyprus Greek
5990	1630-1700 smtwfts	Singapore Bengali	6190	0300-0600 smtwfts	Meyerton English
5995	0300-0345 smtwfts	Spanish	6190	0600-1600 smtwfts	Meyerton English
5995	0345-0400...twfts	Spanish	6190	1600-2200 smtwfts	Meyerton English
6005	0300-0400 smtwfts	Ascension English	6195	0200-0230 s...	Rampisham English
6005	0400-0705 smtwfts	Ascension English	6195	0200-0300. mtwfts	Rampisham English
6005	0705-0720 smtwfts	Ascension English	6195	0230-0300 s...	Rampisham English
6005	1700-1746 smtwfts	English	6195	0300-0400 smtwfts	Rampisham English
6005	1746-1800 smtwfts	Swahili	6195	0300-0600 smtwfts	Skelton English
6005	1800-1830 smtwfts	Somali	6195	0400-0700 smtwfts	Rampisham English
6005	1830-2100 smtwfts	English	6195	0900-1100 smtwtf.	Singapore English
6005	2100-2200 smtwfts	English	6195	0900-1100 smtwtf.	Singapore English
6010	0400-0430. mtwtf.	Cyprus Turkish	6195	0900-1000...s	Singapore English
6010	0430-0445. mtwtf.	Cyprus English	6195	0900-1000...s	Singapore English
6010	0430-0445 s...	Cyprus English	6195	0900-1100. mtwtf.	Nakhon_Sawan English
6030	1235-1300 smtwfts	A'Seela Thai			
6030	1300-1330 smtwfts	A'Seela Indonesian	6195	0900-1030 s...	Nakhon_Sawan English
6030	1630-2000 smtwfts	A'Seela Arabic			
6030	2000-2200 smtwfts	A'Seela Arabic	6195	0900-1000...s	Nakhon_Sawan English
6035	0430-0500 smtwfts	Ascension French			
6035	1300-1330 smtwfts	Singapore Indonesian	6195	1000-1100. mtwtf.	Antigua English
6050	0300-0330 smtwfts	Meyerton Swahili	6195	1000-1400 s...	Antigua English
6050	1700-1730 smtwfts	Cyprus Albanian	6195	1000-1100...s	Singapore English
6050	1730-1745. m.w...	Cyprus English	6195	1000-1100...s	Singapore English

6195	1000-1100...s	Nakhon_Sawan English	7205	1500-1545 smtwftfs	Nakhon_Sawan Urdu
			7205	1545-1615 smtwftfs	Nakhon_Sawan Tamil
6195	1100-1130. mtwtf.	Antigua English	7205	1630-1700 smtwftfs	Nakhon_Sawan Bengali
6195	1100-1700 smtwftfs	Singapore English			
6195	1100-1700 smtwftfs	Singapore English	7205	1700-1730 smtwftfs	Singapore Hindi
6195	1130-1200...f.	Antigua English	7205	1730-1800 smtwftfs	Singapore Urdu
6195	1130-1200. mtwt...	Antigua English	7205	2030-2100 smtwftfs	Meyerton Portuguese
6195	1200-1230. mtwtf.	Antigua English	7210	0300-0330 smtwftfs	Rampisham Swahili
6195	1230-1400. mtwtf.	Antigua English	7210	0400-0415 smtwftfs	Cyprus Serbian
6195	1400-1500 smtwftfs	Skelton Dari	7210	2215-2245 s...fs	Cyprus Greek
6195	1500-1600 smtwftfs	Skelton Pashto	7225	1330-1400 smtwftfs	Nakhon_Sawan Bengali
6195	1600-1700 smtwftfs	Skelton Farsi			
6195	1700-1900 smtwftfs	Cyprus English	7230	1730-1746 smtwftfs	Meyerton English
6195	1700-2200 smtwftfs	Rampisham English	7230	1746-1800 smtwftfs	Meyerton Swahili
6195	1900-2200 smtwftfs	Cyprus English	7230	1800-1830 smtwftfs	Meyerton French
6195	2100-2200 smtwftfs	Nakhon_Sawan English	7255	1600-1630 smtwftfs	Cyprus Serbian
			7270	0100-0130 smtwftfs	Cyprus Hindi
6195	2200-2300 smtwftfs	Cyprus English	7270	0130-0200 smtwftfs	Cyprus Urdu
6195	2200-0200 smtwftfs	Singapore English	7275	2200-2300 smtwftfs	Singapore Indonesian
6195	2200-0200 smtwftfs	Singapore English	7285	0530-0600 smtwftfs	Cyprus Albanian
7105	0230-0300 smtwftfs	Cyprus Farsi	7320	1000-1500 smtwftfs	Rampisham English
7105	0430-0500 smtwftfs	Ascension French	7325	0300-0345 smtwftfs	Rampisham Spanish
7105	0530-0600 smtwftfs	Ascension Hausa	7325	0300-0345 smtwftfs	Skelton Spanish
7105	0600-0630 smtwftfs	Ascension French	7325	0345-0400...twftfs	Rampisham Spanish
7105	1300-1530 smtwftfs	Nakhon_Sawan Mandarin	7325	0345-0400...twftfs	Skelton Spanish
			7325	0400-0600 smtwftfs	Rampisham Arabic
7105	2200-2300 smtwftfs	A'Seela English	7325	1800-1900 smtwftfs	Cyprus Russian
7105	2300-2400 smtwftfs	Nakhon_Sawan Vietnamese	7325	1900-2000...s	Cyprus Russian
			7325	1900-1930. mtwtf.	Cyprus Russian
7115	1500-1600 smtwftfs	Cyprus Turkish	7330	1100-1530 smtwftfs	Vladivostok Mandarin
7120	0300-0400 smtwftfs	Meyerton English	7430	1500-1545 smtwftfs	Tashkent Nepali
7120	0400-0500 smtwftfs	Meyerton English	9410	0000-0200 smtwftfs	Cyprus English
7135	1100-1130 smtwftfs	Singapore Indonesian	9410	0200-0300 smtwftfs	Cyprus English
7135	1130-1145 smtwftfs	Singapore English	9410	0200-0300 smtwftfs	Skelton English
7135	1235-1300 smtwftfs	Singapore Thai	9410	0300-0600 smtwftfs	Rampisham English
7135	1300-1330 smtwftfs	Singapore Indonesian	9410	0300-0700 smtwftfs	Skelton English
7135	1345-1430 smtwftfs	Singapore Burmese	9410	0400-0800 smtwftfs	Skelton English
7135	1430-1500 smtwftfs	Singapore Vietnamese	9410	0800-0900 s...	Cyprus Turkish
			9410	1600-1700 smtwftfs	Woofferton English
7140	0000-0300 smtwftfs	Skelton Arabic	9410	1700-2200 smtwftfs	Cyprus English
7140	0300-2400 smtwftfs	Cyprus Arabic	9510	0200-0230 smtwftfs	Rampisham Russian
7160	0300-0600 smtwftfs	Ascension English	9510	1100-1130 smtwftfs	Singapore Indonesian
7160	0600-0700 smtwftfs	Skelton English	9510	1500-1600 smtwftfs	Singapore Urdu
7160	1600-1800 smtwftfs	Singapore English	9510	1600-1800 smtwftfs	Singapore English
7160	2200-2300 smtwftfs	Nakhon_Sawan Mandarin	9510	1800-1830 smtwftfs	Nakhon_Sawan English
					Spanish
7160	2330-2400 smtwftfs	Singapore Thai	9515	0300-0345 smtwftfs	Spanish
7165	0030-0100 smtwftfs	Cyprus Dari	9515	0345-0400...twftfs	Spanish
7165	0100-0130 smtwftfs	Cyprus Pashto	9525	0000-0115 smtwftfs	Ascension Spanish
7165	0130-0200 smtwftfs	Cyprus Dari	9525	0115-0130...twftfs	Ascension Spanish
7165	0200-0230 smtwftfs	Cyprus Pashto	9525	1730-1746 smtwftfs	Meyerton English
7165	0230-0300 smtwftfs	Cyprus Dari	9535	1600-1700 smtwftfs	Cyprus Ukrainian
7165	0300-0330 smtwftfs	Cyprus Pashto	9540	1235-1300 smtwftfs	Singapore Thai
7185	0400-0430 smtwftfs	Ascension Swahili	9540	1300-1330 smtwftfs	Singapore Indonesian
7185	0445-0500 smtwftfs	Rampisham Serbian	9540	1345-1430 smtwftfs	Singapore Burmese
7185	2330-2400 smtwftfs	Cyprus Thai	9555	1500-1530 smtwftfs	Cyprus Romanian
7205	0430-0500 smtwftfs	Meyerton Portuguese	9560	0400-0500. mtwtf.	Skelton Ukrainian
7205	1400-1500 s...	Nakhon_Sawan Hindi	9565	0300-0400 smtwftfs	Rampisham Farsi
7205	1400-1445. mtwftfs	Nakhon_Sawan Hindi	9565	0400-0430 smtwftfs	Rampisham Farsi
7205	1445-1500. mtwftfs	Nakhon_Sawan English	9570	1700-1730 smtwftfs	Cyprus Azeri
			9580	0000-0030 smtwftfs	A'Seela Burmese

9580	0030-0100 smtwf	Singapore English	9815	0430-0445 smtwf	Rampisham English
9580	2200-2330 smtwf	Kimjae Mandarin	9815	1800-1830 smtwf	Rampisham French
9580	2330-2400 smtwf	Kimjae English	9825	0000-0300 smtwf	Ascension English
9585	0300-0430. mtwtf.	Woofferton Russian	9840	0400-0430 smtwf	Meyerton Swahili
9585	1400-1430 smtwf	Cyprus Ukrainian	9860	2100-2300 smtwf	English
9600	1500-1545 smtwf	Singapore Nepali	9865	1330-1400 smtwf	Tashkent Bengali
9605	0900-1030...s	Yamata English	9865	1400-1445 smtwf	Tashkent Hindi
9605	0900-1030 smtwf.	Yamata English	9870	2100-2200 smtwf	Ascension Brazilian
9605	1030-1100 smtwf	Yamata English	9875	0030-0100 smtwf	Cyprus Dari
9605	1100-1530 smtwf	Yamata Mandarin	9875	0100-0130 smtwf	Cyprus Pashto
9605	1630-1700 smtwf	Nakhon_Sawan	9875	0130-0200 smtwf	Cyprus Dari
		Bengali	9875	0200-0230 smtwf	Cyprus Pashto
9605	1700-1730 smtwf	Nakhon_Sawan Hindi	9875	0230-0300 smtwf	Cyprus Dari
9605	1730-1800 smtwf	Nakhon_Sawan Urdu	9875	0300-0330 smtwf	Cyprus Pashto
9610	0245-0300 smtwf	English	9875	0500-0515 smtwf	Cyprus Romanian
9610	0300-0330 smtwf	Swahili	9875	0515-0530 s...s	Cyprus Romanian
9610	0445-0500 smtwf	Cyprus Serbian	9875	0530-0545 s...s	Cyprus English
9610	0530-0600 smtwf	Ascension Hausa	9885	0530-0600 smtwf	Cyprus Albanian
9610	0600-0630 smtwf	Ascension French	9895	0400-0500. mtwtf.	Rampisham
9610	2200-2300 smtwf	Nakhon_Sawan			Ukrainian
		Mandarin	9915	0000-0300 smtwf	Cyprus Arabic
9615	1600-1630 s...s	Cyprus Uzbek	9915	0300-0445 smtwf	Skelton Arabic
9615	1600-1700. mtwtf.	Cyprus Uzbek	9915	0300-0445 smtwf	Skelton Arabic
9630	1700-1746 smtwf	English	9915	0445-0600 smtwf	Rampisham Arabic
9630	1746-1800 smtwf	Swahili	9915	0445-0600 smtwf	Skelton Arabic
9630	1800-1830 smtwf	Somali	9915	0600-0730 smtwf	Skelton Arabic
9630	1830-2100 smtwf	English	9915	1600-1615 smtwf	Cyprus Dari
9635	1630-1900 smtwf	Cyprus Russian	9915	1615-1700 smtwf	Cyprus Pashto
9635	1900-1930. mtwtf.	Cyprus Russian	9915	1700-2100 smtwf	Cyprus Arabic
9635	1900-2000...s	Cyprus Russian	9915	1800-2400 smtwf	Cyprus Arabic
9670	0200-0230 smtwf	A'Seela Russian	11665	1700-1730 smtwf	Rampisham Azeri
9670	0230-0300 smtwf	Rampisham Farsi	11675	1600-1630 smtwf	Rampisham Serbian
9670	1100-1130. mtwtf.	Antigua Spanish	11675	2110-2115. mtwtf.	Antigua English
9670	1300-1330. mtwtf.	Spanish	11675	2110-2115. mtwtf.	Antigua English
9680	1515-1545 smtwf	Singapore Sinhala	11675	2115-2130. mtwtf.	Antigua English
9685	0300-0400. mtwtf.	Cyprus Russian	11675	2115-2130. mtwtf.	Antigua English
9730	2200-2300 smtwf	Nakhon_Sawan	11680	0600-0800 smtwf	Cyprus Arabic
		Indonesian	11680	0600-0900 smtwf	Rampisham Arabic
9740	0900-1000...s	Singapore English	11680	1030-1045 smtwf	Cyprus Serbian
9740	0900-1000...s	Singapore English	11680	1100-1130 smtwf	Cyprus Romanian
9740	0900-1600 smtwf.	Singapore English	11680	1630-1800 smtwf	Cyprus Arabic
9740	0900-1600 smtwf.	Singapore English	11680	1800-2100 smtwf	Rampisham Arabic
9740	1000-1600...s	Singapore English	11680	2100-2400 smtwf	Skelton Arabic
9740	1000-1600...s	Singapore English	11680	2130-2145...t...f.	Rampisham English
9740	2200-0100 smtwf	Singapore English	11685	0230-0300 smtwf	A'Seela Hindi
9740	2200-0100 smtwf	Singapore English	11685	1500-1545 smtwf	Singapore Nepali
9750	0200-0300 smtwf	English	11685	2300-2400 smtwf	Singapore
9750	0300-0400 smtwf	English			Vietnamese
9750	1500-1530 smtwf	Meyerton English	11690	1700-1730 smtwf	Nakhon_Sawan Hindi
9750	1530-1630. mtwtf.	Meyerton Swahili	11690	1730-1800 smtwf	Nakhon_Sawan Urdu
9750	1630-1700. mtwtf.	Meyerton Krwanda/ Kruundi	11695	1600-1630 s...s	Singapore Uzbek
			11695	1600-1700. mtwtf.	Singapore Uzbek
9760	0930-1000 s...s	Nakhon_Sawan	11720	1930-2000. mtwtf.	Skelton Turkish
		Burmese	11740	0300-0600 smtwf	Cyprus Arabic
9760	2215-2245 s...fs	Cyprus Greek	11740	1600-1700 smtwf	Skelton Ukrainian
9780	0400-0415 smtwf	Woofferton Serbian	11750	0100-0130 smtwf	Singapore Hindi
9790	0030-0100 smtwf	Nakhon_Sawan	11750	0130-0200 smtwf	A'Seela Urdu
		Bengali	11750	1400-1600 smtwf	Nakhon_Sawan
		Sackville English			English
9800	2300-2400 smtwf	Singapore Tamil	11760	0200-0300 s...s	Cyprus English
9810	1545-1615 smtwf	Rampisham Turkish	11760	0200-0300. mtwtf	Cyprus English
9815	0400-0430. mtwtf.				

11760	0300-0330 s...	Cyprus English	11945	2200-2300 smtwfts	Yamata Mandarin
11760	0300-0500. mtwfts	Cyprus English	11945	2300-2330 smtwfts	Yamata English
11760	0330-0500 s...	Cyprus English	11950	1600-1630 s...s	A'Seela Uzbek
11760	0500-0600 smtwfts	A'Seela English	11950	1600-1700. mtwft.	A'Seela Uzbek
11760	0700-1400 smtwfts	A'Seela English	11955	0000-0100 smtwfts	Nakhon_Sawan English
11765	0000-0115 smtwfts	Ascension Spanish			
11765	0115-0130...twfts	Ascension Spanish	11955	0100-0300 smtwfts	A'Seela English
11765	0500-0700 smtwfts	Meyerton English	11955	0300-0400 smtwfts	Sackville English
11765	0700-0800 smtwfts	Ascension English	11955	0500-0900 smtwfts	Nakhon_Sawan English
11770	0400-0500. mtwft.	Cyprus Ukrainian			
11770	1630-1800 smtwfts	Woofferton Russian	11955	2200-2300 smtwfts	Singapore English
11780	0800-0900 s...	Cyprus Turkish	11955	2300-2400 smtwfts	Nakhon_Sawan English
11795	0445-0500 smtwfts	Cyprus Serbian			
11820	0800-1800 smtwfts	Cyprus Arabic	11960	1700-1730 smtwfts	Cyprus Albanian
11825	1800-2000 smtwfts	Singapore Farsi	11960	1730-1745. m.w...	Cyprus English
11835	0000-0300 smtwfts	Okeechobee English	11965	0230-0300 smtwfts	Cyprus Dari
11835	0300-0500 smtwfts	250 C	11965	0300-0330 smtwfts	Dhabbaya Pashto
11835	1330-1400 smtwfts	Singapore Bengali	11965	2130-2200 smtwfts	Ascension Brazilian
11845	0200-0230 smtwfts	Cyprus Russian	11980	2200-2330 smtwfts	A'Seela Mandarin
11845	0300-0330. mtwft.	Cyprus Russian	12010	0900-0915. mtwft.	Cyprus Albanian
11845	0330-0430. mtwft.	Rampisham Russian	12010	1230-1345 s...	Skelton Albanian
11845	0530-0600 smtwfts	Rampisham Albanian	12010	1315-1345. mtwfts	Skelton Albanian
11845	1500-1600 smtwfts	Cyprus Urdu	12030	0930-1130...f.	Dhabbaya Farsi
11845	1630-1900 smtwfts	Cyprus Russian	12030	0930-1030 smtwft.s	Dhabbaya Farsi
11845	1900-1930. mtwft.	Rampisham Russian	12035	0300-0500 smtwfts	Cyprus English
11845	1900-2000...s	Rampisham Russian	12045	0930-1000 s...	Singapore Burmese
11850	0000-0030 smtwfts	Singapore Burmese	12045	1830-2000 smtwfts	Nakhon_Sawan English
11850	0030-0100 smtwfts	Singapore Bengali			
11855	0230-0300 smtwfts	A'Seela Farsi	12090	1600-1700. mtwft.	Moscow Uzbek
11855	0300-0430 smtwfts	Cyprus Farsi	12090	1600-1630 s...s	Moscow Uzbek
11855	1930-2000 smtwfts	Ascension Hausa	12090	1630-1700...s	Moscow Russian
11855	2030-2100 smtwfts	Ascension Portuguese	12090	1630-1633 s...	Moscow Russian
11860	1400-1415. mtw...	English	12090	1633-1700 s...	Moscow Russian
11860	1400-1500...tf.	Somali	12095	0000-0300 smtwfts	Skelton English
11860	1415-1500 smtw...s	Somali	12095	0300-0400 smtwfts	Cyprus English
11860	1500-1530 smtwfts	English	12095	0400-0600 smtwfts	Cyprus English
11860	1530-1615 s...s	Swahili	12095	0600-0700 smtwfts	Woofferton English
11860	1530-1630. mtwft.	Swahili	12095	0700-1700 smtwfts	Woofferton English
11860	1615-1700 s...s	English	12095	0700-0800 smtwfts	Woofferton English
11860	1630-1700. mtwft.	Krwanda/Krundi	12095	1500-1700 smtwfts	Woofferton English
11875	1600-1700 smtwfts	Cyprus Farsi	12095	1700-1800 smtwfts	Woofferton English
11920	1100-1130 smtwfts	Nakhon_Sawan	12095	1700-1900 smtwfts	Woofferton English
		Indonesian	12095	1900-2100 smtwfts	Ascension English
11920	1130-1145 smtwfts	Nakhon_Sawan	12095	2100-2400 smtwfts	Ascension English
		English	13610	1400-1500 smtwfts	Cyprus Dari
11920	1400-1445 smtwfts	Singapore Hindi	13610	1500-1600 smtwfts	Nakhon_Sawan Pashto
11935	1400-1430 smtwfts	Rampisham			
		Ukrainian	13610	1600-2000 smtwfts	Nakhon_Sawan Farsi
11940	0600-1600 smtwfts	Meyerton English	13645	0300-0430 smtwfts	Cyprus Farsi
11945	1030-1100 smtwfts	Nakhon_Sawan	13645	1400-1430 smtwfts	Cyprus Ukrainian
		English	13645	1615-1630 smtwfts	Nakhon_Sawan Pashto
11945	1100-1300 smtwfts	Nakhon_Sawan			
		Mandarin	13645	1630-1700 smtwfts	Nakhon_Sawan Pashto
11945	1300-1330 smtwfts	Nakhon_Sawan			
		Indonesian	13650	1700-1730 smtwfts	Skelton Albanian
11945	1345-1430 smtwfts	Singapore Burmese	13650	1730-1745. m.w...	Skelton English
11945	1430-1500 smtwfts	Singapore	13660	0000-0300 smtwfts	Cyprus Arabic
		Vietnamese	13660	0300-1200 smtwfts	Cyprus Arabic
11945	1500-1530 smtwfts	Cyprus Tajik	13660	1200-2400 smtwfts	Skelton Arabic
11945	1700-1900 smtwfts	Meyerton English	13670	1600-1700 smtwfts	Cyprus Ukrainian
11945	2100-2200 smtwfts	Yamata English	13685	1030-1045 smtwfts	Rampisham Serbian

13740	0600-0630 smtwfts	Rampisham French	15285	1100-1530 smtwfts	Singapore Mandarin
13740	1500-1530 smtwfts	Cyprus Tajik	15310	0000-0300 smtwfts	Nakhon_Sawan English
13745	0100-0130 smtwfts	Tashkent Hindi			
13745	0330-0430. mtwtf.	Cyprus Russian	15310	0300-0600 smtwfts	A'Seela English
13745	1630-1900 smtwfts	Rampisham Russian	15310	0600-2100 smtwfts	Nakhon_Sawan English
13745	2030-2100 smtwfts	Rampisham Portuguese	15310	0600-1800 smtwfts	Nakhon_Sawan English
13750	0900-0915. mtwtf.	Rampisham Albanian			
13755	1230-1345 s...	Cyprus Albanian	15325	1030-1045 smtwfts	Rampisham Serbian
13755	1315-1345. mtwfts	Cyprus Albanian	15325	1300-1330. mtwtf.	Greenville Spanish
13760	1600-1615 smtwfts	Nakhon_Sawan Dari	15340	1500-1600 smtwfts	Skelton Turkish
13790	2200-2330 smtwfts	Nakhon_Sawan Mandarin	15360	0000-0300 smtwfts	Singapore English
			15360	0300-0500 smtwfts	Nakhon_Sawan English
15105	0700-0730 smtwfts	Ascension French			
15105	1200-1230 smtwfts	Woofferton French	15360	0500-0900 smtwfts	Singapore English
15105	1230-1245 smtwfts	Woofferton English	15360	0500-0900 smtwfts	Singapore English
15105	1330-1345 smtwfts	Ascension English	15360	0900-1030 smtwtf.	Nakhon_Sawan English
15105	1345-1415 smtwfts	Ascension Hausa			
15105	1600-1700 smtwfts	Woofferton English	15360	0900-1000...s	Nakhon_Sawan English
15105	1700-1800 smtwfts	Skelton English			
15105	1800-1830 smtwfts	Ascension French	15360	1000-1030...s	Nakhon_Sawan English
15105	1915-1930 smtwfts	Ascension English			
15105	1930-2000 smtwfts	Ascension Hausa	15380	1600-1800 smtwfts	Singapore Farsi
15105	2030-2100 smtwfts	Skelton Portuguese	15390	2115-2130. mtwtf.	Greenville English
15180	0330-0600 smtwfts	A'Seela Arabic	15390	2130-2200 smtwfts	Antigua Brazilian
15180	0600-0900 smtwfts	Cyprus Arabic	15395	1345-1430 smtwfts	Cyprus Burmese
15180	0900-1800 smtwfts	Rampisham Arabic	15400	0530-0600 s...s	Meyerton Krwanda/ KrunDi
15190	0900-1100 s...s	Ascension English			
15190	0900-1000. mtwtf.	Ascension English	15400	0630-0700 smtwfts	Ascension English
15190	1100-1130 s...s	Ascension English	15400	0700-1000. mtwtf.	Ascension English
15190	1100-1130 s...s	Antigua English	15400	0700-1130 s...s	Ascension English
15190	1100-1130 s...s	Antigua English	15400	1100-1130. mtwtf.	Ascension English
15190	1100-1130. mtwtf.	Antigua English	15400	1500-2300 smtwfts	Ascension English
15190	1100-1130. mtwtf.	Antigua English	15405	0230-0300 smtwfts	Nakhon_Sawan Hindi
15190	1130-1200...f.	Antigua English	15405	0600-0630 smtwfts	Cyprus French
15190	1130-1200...f.	Antigua English	15420	0330-0600 smtwfts	English
15190	1130-1700 s...s	Antigua English	15420	0830-0900 smtwfts	A'Seela Dari
15190	1130-1700 s...s	Antigua English	15420	0900-0930 smtwfts	A'Seela Pashto
15190	1130-1200. mtwt...	Antigua English	15420	0930-1000 smtwfts	A'Seela Dari
15190	1130-1200. mtwt...	Antigua English	15420	1000-1030 smtwfts	A'Seela Pashto
15190	1200-1230. mtwtf.	Antigua English	15420	1030-1100 smtwfts	A'Seela Dari
15190	1200-1230. mtwtf.	Antigua English	15420	1100-1130 smtwfts	A'Seela Pashto
15190	1230-1700. mtwtf.	Antigua English	15420	1300-1400 smtwfts	English
15190	1230-1700. mtwtf.	Antigua English	15420	1400-1500...tf.	Somali
15215	0100-0130 smtwfts	Nakhon_Sawan Pashto	15420	1400-1415. mtw...	English
			15420	1415-1500 smtw...s	Somali
15215	0130-0200 smtwfts	Nakhon_Sawan Dari	15420	1500-1530 smtwfts	English
15215	0200-0230 smtwfts	Nakhon_Sawan Pashto	15420	1530-1630. mtwtf.	Swahili
			15420	1530-1615 s...s	Swahili
15215	0230-0300 smtwfts	Nakhon_Sawan Hindi	15420	1615-1700 s...s	English
15215	1800-1900 smtwfts	Rampisham Russian	15420	1630-1700. mtwtf.	English
15220	1100-1130. mtwtf.	Ascension Spanish	15450	1800-1830 smtwfts	Woofferton Somali
15225	1630-1900 smtwfts	Woofferton Russian	15485	0700-1700 smtwfts	Skelton English
15225	1900-1930. mtwtf.	Woofferton Russian	15510	0100-0130 smtwfts	Nakhon_Sawan Hindi
15225	1900-2000...s	Woofferton Russian	15510	0130-0200 smtwfts	Nakhon_Sawan Urdu
15245	1400-1500 s...	A'Seela Hindi	15530	0900-0915. mtwtf.	Woofferton Albanian
15245	1400-1445. mtwfts	A'Seela Hindi	15530	1100-1130 smtwfts	Cyprus Somali
15245	1445-1500. mtwfts	A'Seela English	15535	1200-1230. mtwtf.	A'Seela Kazakh
15280	2300-0530 smtwfts	Nakhon_Sawan English	15545	0930-1000 s...	Singapore Burmese
			15555	0900-1630 smtwfts	Cyprus Arabic
15285	1030-1100 smtwfts	Singapore English	15565	0400-0430. mtwtf.	Rampisham Russian

17810 1730-1745. mtwtf. Ascension Non-Specific

WYFR

3230 1900-2100 smtwfcs Meyerton English
3955 0400-0500 smtwfcs Skelton German
3955 1700-1800 smtwfcs Skelton English
11985 2030-2130 smtwfcs Ascension French
13700 1700-1800 smtwfcs Rampisham Arabic
13720 1800-1900 smtwfcs Skelton Arabic
13780 1800-1900 smtwfcs Rampisham English
15165 1900-2000 smtwfcs Rampisham Arabic
15195 2000-2100 smtwfcs Ascension English
15520 1400-1500 smtwfcs Dhabbaya Hindi
15520 1500-1700 smtwfcs Dhabbaya English
21680 1700-1800 smtwfcs Ascension English

(Michael Bethge/Wolfgang Bueschel/Andreas Volk/
Alokesh Gupta/Cumbre DX/Johnson-FL)

Additional frequency for **SW Radio Africa** in English to Zimbabwe:

1600-1700 11845, tent. via ASC // 6145 via MEY
(Observer-BUL)

This from the BBC web site: From March 27 2005 there will be adjustments to the **BBC World Service** SW provisions to reflect global changes in audiences' use of short wave. The number of hours broadcast on short wave in English, Arabic, Spanish and Portuguese for South America will be reduced. For any changes to short wave listening where you live, as well as detailed schedule and program information see <<http://www.bbc.co.uk/worldservice/schedules/frequencies/index.shtml>>

From March 27 2005 there will be adjustments to the BBC World Service SW provisions to reflect global changes in audiences' use of short wave.

The number of hours broadcast on short wave in English, Arabic, Spanish and Portuguese for South America will be reduced.

For any changes to short wave listening where you live, as well as detailed schedule and program information, please select your region from the links below:

AMERICAS Central America & Caribbean. South America

From March 27 2005 there will be adjustments to the BBC World Service short wave provisions across South America to reflect global changes in audiences' use of short wave. The number of hours broadcast on short wave in English and Spanish will be reduced to two blocks at peak times daily, in the early morning and evening. The short wave sce to Brazil in Portuguese will cease altogether. Also available on partner stations and online at the BBC World Service, BBC Mundo and BBC Brasil websites. (BBW Website, Mar 13/BC-DX/Bueschel-DE)

UNITED STATES Some frequency changes for **Radio Liberty**:

1600-1700 Azeri NF 9850, ex 9605
1800-1900 CeAslang NF 6220, ex 9840
1400-1500 Kazakh NF 15235, ex 17695
0100-0300 Kyrghyz 7450 9785 11975 >>>> new morning transmission
1300-1330 Kyrghyz NF 7595, ex 9315
1400-1430 Kyrghyz NF 7595, ex 9315
0200-0400 Turkmen NF 9735, ex9770

Some frequency changes for **Voice of America**:

0000-0300 Mandarin ADD 17645
0700-0900 Mandarin ADD 9845 11665 15375
0900-1100 Mandarin ADD 9855 11665 11825
1100-1200 Mandarin ADD 11665
1200-1400 Mandarin ADD 6040 11995
1400-1500 Mandarin ADD 6040 9890
2200-2300 Mandarin ADD 9545 9755 9875
1900-2000 Kurdish NF 9690, ex 7195

(Observer-BUL)

Summer A-05 for IBB via KWT:

0230-0330 12140 15615 RFA Pashto
0330-0430 15615 17670 RFA Dari
0430-0530 15615 17670 RFA Pashto
0530-0630 15615 17670 RF_Dari
0630-0730 15615 RF_Pashto
0730-0830 15615 RF_Dari
0830-0930 15615 RFA Pashto
0930-1030 15090 RF_Dari
1030-1130 15090 RF_Pashto
1130-1230 15090 RF_Dari
1230-1330 15090 17600 RF_Pashto
1330-1430 15090 17600 RF_Dari
1430-1500 12140 15090 VOA Pashto
1500-1530 12140 15090 VOA Dari
1530-1630 12140 15090 VOA Pashto
1630-1730 12140 15090 VOA Dari
1730-1800 12140 15090 VOA Pashto
1800-1830 12140 15090 VOA Dari
1830-1930 12140 VOA Pashto
1930-2030 12140 VOA Dari
2030-2230 12140 VOA English
2230-0030 12140 VOA English
0030-0130 12140 VOA Pashto
0130-0230 12140 VOA Dari

RFA=Radio Free Afghanistan VOA=Voice of America

Summer A-05 for IBB via JBR 250 kW:

0200-0300 9520 **Radio Liberty** in Russian
0300-0400 9815 **Radio Liberty** in Russian
0400-0500 7175 **Radio Liberty** in Russian
1600-1700 11885 **Radio Liberty** in Uzbek

(Observer-BUL)

ALL OVER THE PLACE A05 Adventist World Radio (AWR) Broadcast Schedule

0000-0030	Burmese	15510-SDA
0000-0200	Mandarin	12025-SDA 15590-SDA
0030-0100	Karen	15510-SDA
0100-0200	Mandarin	15520-SDA
0100-0200	Vietnamese	15445-TAI Sa
0200-0230	English	9895-MOS
0230-0300	Urdu	9895-MOS
0230-0330	Malagasy	3215-MDC
0300-0330	Oromo	11710-DHA
0300-0330	Russian	15205-DHA
0300-0330	Tigrinya	11975-DHA
0330-0400	Amharic	11975-DHA
0330-0400	Farsi	9895-MOS
0400-0430	Arabic	9770-MOS
0430-0500	Arabic	9770-MOS
0500-0600	Bulgarian	5965-JUL
0900-1000	Italian	11775-JUL Su
1000-1030	English	11930-SDA
1000-1100	Mandarin	15510-SDA 15615-SDA
1030-1100	Filipino	11930-SDA
1030-1100	Mongolian	11780-SDA
1100-1130	Indonesian	15435-SDA
1100-1200	Mandarin	11770-SDA 11975-SDA 12105-SDA
1130-1200	Thai	15435-SDA
1200-1230	English	15135-DHA
1200-1300	Korean	9685-SDA
1200-1300	Mandarin	9720-SDA 12105-SDA 15145-SDA
1230-1300	Bengali	15135-DHA
1300-1330	Bengali	15275-SDA
1300-1330	Japanese	7180-SDA 11980-SDA
1300-1330	Mandarin	15320-DHA Mo-Fr
1300-1330	Uighur	15320-DHA Sa/Su
1330-1400	Assamese	15275-SDA Su/We
1330-1400	English	15275-SDA Mo/Tu/Th/ Fr/Sa
1330-1400	English	11980-SDA
1330-1400	Khmer	11885-SDA
1330-1400	Russian	17740-DHA
1330-1500	Mandarin	12105-SDA 15320-DHA
1400-1430	Burmese	9725-SDA
1400-1430	Sinhalese	????-SDA
1400-1430	Urdu	17720-MOS
1400-1500	Mandarin	9695-SDA
1400-1500	Vietnamese	11795-TAI
1430-1500	Afar	15225-MOS
1430-1500	Chin	9590-SDA
1430-1500	Karen	11885-SDA
1500-1530	German	6130-MOS
1500-1530	Mizo	11895-SDA
1500-1530	Nepali	15225-DHA
1500-1530	Panjabi	11870-SDA 15265-DHA
1500-1530	Tamil	9600-SDA
1500-1530	Telugu	11640-SDA
1528-1628	Malagasy	3215-MDC
1530-1600	English	15225-DHA
1530-1600	Hindi	11870-SDA 15265-DHA
1530-1600	Kannada	11640-SDA

1530-1600	Malayalam	9600-SDA
1530-1600	Marathi	11895-SDA
1600-1630	English	11640-SDA 11680-SDA
1600-1630	Oriya	12015-SDA
1600-1630	Urdu	11975-SDA 15225-MOS
1630-1700	English	11975-SDA
1630-1700	Farsi	15360-MOS
1630-1700	Somali	15460-DHA
1700-1730	Arabic	15265-MOS
1700-1730	Filipino	9385-SDA
1700-1730	Hindi	11560-SDA
1700-1730	Kiswahili	9595-MEY
1730-1800	Arabic	15265-MOS
1730-1800	English	9385-SDA
1730-1800	Masai	9595-MEY
1730-1800	Oromo	15520-DHA
1730-1800	Tamil	11560-SDA
1800-1830	Bari	15280-MOS Mo
1800-1830	English	15280-MOS We/Fr
1800-1830	English	3215-MEY 3345-MEY
1800-1830	Juba	15280-MOS Tu/Sa
1800-1830	Moru	15280-MOS Su/Th
1800-1900	English	9590-MEY
1830-1900	Arabic	15280-MOS
1900-1930	Arabic	15245-JUL
1900-1930	Hausa	11955-MOS
1930-2000	Dial	15245-JUL Mo/We
1930-2000	Ibo	11955-MOS
1930-2000	Kabyle	5245-JUL Su/Th
1930-2000	Tachelhit	15245-JUL Tu/Fr/Sa
2000-2030	Dyula	11870-MOS
2000-2030	English	7175-MEY
2000-2030	French	6100-MEY 9820-MEY 15245-JUL
2000-2100	Korean	5990-SDA 6115-SDA
2030-2100	English	7175-MEY
2030-2100	French	11870-MOS
2030-2100	Yoruba	6100-MEY
2100-2130	English	9715-MOS
2100-2130	Japanese	11850-SDA 11980-SDA
2100-2200	Mandarin	11750-SDA 11895-SDA
2130-2200	English	9715-MOS
2200-2230	Indonesian	11850-SDA 15320-SDA
2200-2300	Mandarin	12120-SDA 15215-SDA
2200-2357	Spanish	6165-BON
2230-2300	English	11850-SDA 15320-SDA
2300-2400	Mandarin	12120-SDA 15370-SDA
2300-2400	Vietnamese	15320-SDA

BON = Bonaire

DHA = Dhabayya

JUL = Julich

MDC = Madagascar

MEY = Meyerton

MOS = Moosbrunn

SDA = Agat

TAI = Taipei

(AWR Frequency Management Office/Alokesh Gupta-India)



Pirate Radio Report

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

Hello and welcome to the April 2005 edition of *The Pirate Radio Report*. This year's Winterfest has come and gone. It was another great one. Kudos to the Fest organizers Rich and John. Well done! Didn't attend this year? Well, start making plans for next March now.

Contributors: Many thanks to the following fine folks who took the time and effort to contribute: John Fisher-MA, George Maroti-NY, Joe Wood-TN, George Zeller-OH.

Great Pirate CD Collection of 1980s Pirates For Sale.

At the Winterfest I talked to Andy Yoder who was selling this nice collection of 65 different stations for \$10.00. It has over an hour of audio and a must for the serious pirate enthusiast. The cost is \$10.00 plus shipping. Contact Andy for ordering info from: info@hobbybroadcasting.com or by mail at Box 642, Mont Alto, PA 17237

The Crystal Ship, a reactivated 1980's pirate, was noted on the unusual frequency of 4070 kHz AM on February 28th at 0104 UTC. Programming included rock music by Pink Floyd, Van Halen with occas. talk by The Poet. Sign off with the rock tune "We Want The Airwaves". [Zeller-OH] **6857 kHz**, heard from 0147 to 0156 UTC on March 21st with the song "99 Luft Ballons" plus a song by Selena. [Wood-TN]

Ground Zero Radio, 6925.6 AM, was noted with mostly rock music at 0001 UTC on Feb 27th. Also audio from "Bert The Turtle" from the old "Duck & Cover" nuclear attack propaganda film. Elkhorn, Nebraska maildrop announced. Also noted at 2327 UTC with a repeat of the same show. [Zeller-OH]

Radio FCC, heard by Mr. NASWA, Rich D'Angelo on February 20th from 2218-2237 sign off on 6925 kHz. Program featured oldies music, ID by a woman. Off with the "Lover's Concerto" by The Toys. [D'Angelo-PA]

Radio Shamrock International is Joe Vincent's St. Patty's Day pirate. Noted here in Massachusetts from 2348 past 0010 with traditional Irish folk music on 6240 kHz AM on March 16th/17th. [Lobdell-MA]

Radio Spaceman, the powerful Dutch pirate, was noted on 6304.92 kHz at 0655 to 0751 March 6th with tunes by the Beatles. Signal was decent at tune in but rapidly deteriorated. [Maroti-NY] Yup, the "Europirate Season" is over until next October I'm afraid!

Swinging Radio England, a British station was noted on 3939.83 AM kHz from 2311 past 2330 UTC on March 6th. Even despite disturbed conditions, some audio was noted including the song "It Don't Come Easy" during a fade up. [Maroti-NY]

Voice Of The Pink Puma Radio. Pink Panther theme music, instrumental music noted on 6925.9 kHz USB on March 6th from 2345 past 0015 UTC. [Lobdell-MA]

WMPR [aka Micro Power Radio], was noted with a killer signal on 6925 kHz AM on March 20th from 0024 UTC. The usual techno music was heard. [Fisher-MA] Thanks for the nice QSL that I received at the Fest!

WSPY, a new quite active station was noted from 1919 past 1954 UTC on March 16th on 6926 USB. Their trademark is telephone test tones. [Lobdell-MA]

Mail Drops. The following mail drops are currently active for North American pirates.

Box 1, Belfast, NY 14711

Box 69, Elkhorn, NE 68022

Box 146, Stoneham, MA 02180

Box 293, Merlin, Ontario NOP 1W0, Canada.

A lot of stations are using email addresses as well.

Until next month, Happy Pirate DX! 

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



ABU DHABI: Adventist World Radio
15385 f/d cd. in 8 ds. for a rpt. to the UK address. Also received a note from Victor Hulbert, Director of the English Language and Listener Services and Josee Penner, Listener Services Secretary, who mentions writing "to your local studio or region office" beginning in January 05. (D'Angelo-PA). schedule, pocket calendars and cd. in 79 ds. for 1 IRC. My rpt. was sent to

the Voice of Hope - China, Kowloon, Hong Kong address that was mentioned during the program. The QSL was sent from the AWR Asia / Pacific regional office in Singapore. The transmitter site is listed as "Agat, Guam" although every list I've seen including the one w/ the QSL lists the site as Abu Dhabi. v/s A. Kaibe. (Barbour-NH).

ALBANIA: China Radio International
6020 and 9570 via Cerrick f/d w/ no site "Black Snub-nosed Monkey" cd. in 18 ds. (D'Angelo-PA).

BONAIRE: Radio Vlaanderen International
11635 f/d "Kortrijk Belfort"

STATION NOTES: Radio Caroline Eifel

6248.1 Addr: SRS Germany, PF 101145, DE-99801 Eisenach, Germany
Radio Columbia 6269.5 Addr: PO Box 32, NL-5398 ZG Aalst, Netherlands.

Radio Geronimo 9290 via **Euronet Latvia** v/s Dave Scott. Addr: Ostra Porten 49, SE-44254 Ytterby, Sweden. **Radio Mazda** 6290.1 v/s Jan Wevers Addr: Pastinaak 4, NL-7447 AE Nijverdal, Netherlands. **Radio Six International** 13840 via IRRS v/s Tony Currie, Program Director. Addr: PO Box 600, Glasgow G41 5SH, Scotland. **Radio Thunderbird** 6260 v/s



Daniel McQueen. Addr: SRS Deutschland "Thunderbird" PF 101145, DE-99801 Eisenach, Germany. ...via PLAY DX

QSL Verification Card

To: Richard D'Angelo

Salsam Watandar in Kabul, Afghanistan confirms your reception of our transmission on

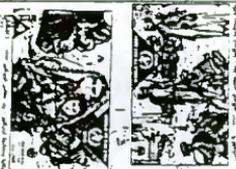
11795 kHz at 11 on July 2004

The transmission power was 250 kW over the VTMerlin Communications transmitter in

Russia

Thank you for your report

Internews Afghanistan



Richard D'Angelo
2216 Burkley Dr
Wyomissing, PA
19610
USA

cd. in 19 ds. for 1 IRC. (Brouillette-IL) 11730 f/d "Oudenaarde Belfort" cd. in 14 ds. for 1 IRC (returned). (Brouillette-IL) same w/ "Nordzee" cd. in

Καρία, Κύπρος

Mrs. Mr. SCOTT E. ZARAVYA Jr.

Η νέα μηνιαία που εξέδωσε από την ΕΡΤ, είναι για τους ακροατές της του ελεύθερου αποικισμού και 4 κάρτες QSL με θέματα ιστορικού και τουριστικού ενδιαφέροντος, που απευθύνονται στους 4 ερωτησθέντες παραρτηματικούς (D, M, J, and S). Η σειρά αποτελείται από:

We are very pleased to confirm your report concerning reception of the broadcasting, having the following characteristics.

Με ευχαρίστηση επιβεβαιώνουμε την απειρά σας για τη λήψη της εκπομπής μας, που απευθύνει με το παραρτημάτιό μας, με τα παρακάτω στοιχεία.

Συχνότητα/Frequency 15630 kHz
Ώρα/Time 17.00 - 17.45 UTC
Ημερομηνία/Date 26.1.02

Τος ευχαριστούμε και θα γυρίσουμε εν έργοις νέο σας νόκι. Με τις καλύτερες ευχές από την Ελλάδα.

We thank you for your report, and we will be pleased to hear from you again. With best wishes from Greece.

This new mini-series, issued by ERT, intended for its listeners abroad, consists of 4 QSL cards with scenes of tourism and historical interest, corresponding to the 4 seasonal schedules (D, M, J, and S). The full series consists of:

1. "The prince of the Miles" fresco from Knossos (1500 B.C.) Heraklion Archaeological Museum (Crete)
2. Beach in Lefkada (Isparta - Ionia sea)
3. Traditional Sardinia (jewelry - Cyprus - Paphos)
4. Athens, National Historical Museum

ERT S.A.
ERA - E' PROGRAMME
"THE VOICE OF GREECE"
432, Mousionian Av.
15742 Agnia Paraskevi
ATHENS - GREECE
TEL: 6066402 - 6066397 - 6066510
FAX: 6066309

ERT S.A.
DIRECTION OF
ENGINEERING
AND DEVELOPMENT
P.O. B. 60019
15310 AGHIA PARASKEVI
ATTIKES
ATHENS - GREECE

9 ds. for no rp. (Brouillette-IL).
Radio Netherlands 9590
p/d "Dutch Morning" cd. and a New Year's cd. in 392 ds. for a rpt. direct to the site.
Addr: Bonaire Relay, PO Box 45, Krakndijk, Netherlands Antilles. (Wood-TN).

BRASIL: Radio Educadora Rural de Tefe 4925 f/d "Certificate" w/ postcard of "Boca do Mamiraua" in 42 ds. for a PT rpt. and \$1.00. v/s Thomas Schwaborn, Diretor Administrativo. (Brouillette-IL). Radio Guarujá Paulista 5045 f/d "Certificado" form ltr., stickers and tourist brochures in 24 ds. for a PT rpt. and \$1. v/s Orivaldo Rampazo, Diretor Presidente. (Brouillette-IL). Radio Re-



ΕΛΛΗΝΙΚΗ ΡΑΔΙΟΦΩΝΙΑ ΘΑΛΑΣΣΑ
ΕΛΛΗΝΙΚΗ ΡΑΔΙΟΦΩΝΙΑ ΤΗΛΕΟΡΑΣΗ
HELLENIC RADIO TELEVISION



Η ΦΩΝΗ ΤΗΣ ΕΛΛΑΔΟΣ
THE VOICE OF GREECE

STATION INFORMATION: Voice of Armenia 4810 Addr: Alex Manoogian Str. 5, Yerevan 375025. **Radio Vlaanderen International 13790** via Sackville Addr: B-1043 Brussels, Belgium. **Denge Mezopotamya 15675** via Tashkent and 11530 via Maiaç Addr: TDP Services, Box 1, B-2310 Rijkevorsel, Belgium. **Jakada Radio International 12125** via **Krasnodar**. Addr: TDP Services. **Radio Rhino International 17555** via **Deutsche Telekom Julich**. v/s Walter Brodowsky. **Shortwave Radio Africa 4880** via **Meyerton** v/s S. Surrey, Technical Manager. Addr: Shortwave Radio Africa Ltd., P.O. Box 243, Borehamwood, Herts WD6 4WA, United Kingdom....Via PLAY DX.... Sam.



cord 6150 replied to my e-mail rpt. in 5 ds. from Depto. Comercial/ Depto. Marketing. (D'Angelo-PA). **Radio Difusora de Macapa 4915** the station verified one of my rpts. (I sent a postal and e-mail rpt) in 435 ds. for \$1.00. the e-mail came from Martins Filho. (D'Angelo-PA). **BULGRARIA: Radio Bulgaria 11700 f/d "Nessebur" cd. w/ a New Years cd. in 32 ds. for 1 IRC. (Brouillette-IL). 7500 f/d "Zheravna Architecture" cd. along w/ a "Happy Spring" cd. and a red and white "Martenisas Tassle" w/ form ltr. regarding its origin in 61 ds. for 1 IRC. (Barbour-NH).**



The Way of life, increasing for visitors. Photographer: Sanchi Hgama-ng-an

via Barbour

Broadcasting at the frequencies of 4530, 6020, 9045, 8165, 7140, 7300, 7215, 7235, 7235, 7285, 7285, 7280, 9510, 9530, 9533, 9540, 9555, 9615, 9635, 9640, 9645, 9655, 9665, 9690, 9703, 11725, 11735, 11755, 11780, 11805, 11820, 11865, 11905, 11920, 15205, 15370, 15430, and 15465 kilohertz in accordance with required time, target area and weather conditions.

QSL RADIO THAILAND WORLD SERVICE

Broadcast Schedule

GMT	Service
08.00 - 01.00	English
01.00 - 02.00	Thai
03.00 - 03.30	English
03.30 - 04.30	Thai
11.00 - 11.15	Vietnamese
11.15 - 11.30	Khmer
11.30 - 11.45	Laot
11.45 - 12.00	Burmese
12.00 - 12.15	Bahama Malaysia
12.15 - 12.30	Bahama Malaysia
13.00 - 13.15	Japanese
13.15 - 13.30	Mandarin
13.30 - 14.00	Thai
18.00 - 19.00	Thai

CHINA, PEOPLE'S REPUBLIC OF: China Huayi Broadcasting Company 4830 e-mail reply rcvd. in 8 hours promising "The standard QSL card is on its way to you. Maybe it is the last QSL card of CHBC I signed in the year 2004". v/s

Qiao Xiaoli.
(D'Angelo-PA).

* Scott Barbour reports that he received a registered package from the CRI English Service containing a certificate for 3rd prize in the Zhejiang China quiz contest and the prize of a nice silk scarf, a very fine product of Dujinsheng. Very good!...Sam.

Scott R. Barbour
听友:

我公司收到您关于2004年8月24日的广播收听报告, 频率6185 KHz, 中国北京时间1915-1936, 符合我公司播出频率、节目内容和YMD: 时间, 谢谢您的收听和关心。2004/9/24

我公司播出频率, 调频(FM): 99.6 107.1 MHz, 中波(MW): 783 KHz, 短波(SW): 4830 6185KHz。
特此证明

齐小力 中国华艺广播公司
2004年9月4日

CHINA HUAYI BROADCAST CO.
P.O.Box 251
Fuzhou, Fujian, 350001,
China

Dear Mr/Ms Scott R. Barbour.
We take great pleasure in receiving your reception report on a frequency of 6185 KHz from 1915 to 1936 Chinese local time. Your report is in accordance with our frequency and program. It is also of great value to our programming and technical staff. We highly appreciate your listening to CHBC. (Language: Mandarin)
For your information, our frequencies are as follow:
FM: 99.6 107.1MHz MW: 783KHz
SW: 4830 6185KHz Power: 15kw
Best wishes, Location: Fuzhou China
CHINA HUAYI BROADCAST CO.
Qiao Xiaoli

GERMANY: Pan American Broadcasting 13605 via Deutsche Telekom Julich p/d ltr. in 2 mos. (Barto-CT). IBRA Radio 15775 via Deutsche Telekom Julich f/d cd. in 2 mos. (Barto-CT). Radio Liberty f/d "50 Year" cd in 7 wks. (Barto-CT). 7245 via Biblis cd. in 5 wks. (Barto-CT). Ham-burger Lokalradio 6045 via Deutsche Telekom verified in 9 ds. w/ a brief ltr. in GM and a colorful f/d "Jazz Panorama Goes Swing" cd. from v/s Michael Kittner. All for \$1.00. (D'Angelo-PA).

HUNGARY: Radio Budapest 6025 via Szekesfehervar f/d "ADXB-OE/Radio Budapest Special QSL 2004" cd. #147 and an ADXB info sheet in 115 ds. for 1 IRC. My report was sent to the ADXB in Austria. The QSL arrived from Hungary. (Barbour-NH).

INDIA: All India Radio 13710 and 9690 via Bangalore f/d cd. in 46 ds. (Glottzbach-MN).

RUSSIA: Scott Barbaour reports that he has received a small package from

STATION INFORMATION: Radio Vlaanderen International 15325 via Dhabbaya Addr: B-1043 Brussels, Belgium. Radio Tanzania 5050 Addr: Nyerere Road, P.O. Box 9191, Dar Es Salaam. v/s N. Nyamwocha. Radio Netherlands 5955 via Horby Addr: PB 222, NL-1200 JG Hilversum. Radio Respubliki "Sakha" 7345 via Yakutsk v/s Peruacheva Polina Alekseevna. Addr: Ul. Ordzhonikidze 48, Yakutsk 677 007. Radio Freundes-Dienst 15455 Addr: Postfach DE-79705 Bad Sackingen, Germany... via PLAY DX...Sam.

From: <clubdeoyentes_rti@argentina.com>
To: "0107 Henry Weissborn" <weissbh@webtv.net>
cc: <esp@cbs.org.tw>
Subject: QSL Club de Oyentes de RTI Mes de Diciembre
Sent: Sunday, December 21, 2003 1:33 PM
Attachment: image001.jpg (89 KB)

Club de Oyentes de Radio Taiwán Internacional



Mar del Plata - Provincia de Buenos Aires - Argentina

Vista panorámica desde frente al Parque San Martín, mirando hacia Playa Grande

Fotografía Gentileza de www.HumorMDQ.com

- Tarjeta QSL -

Nombre y Apellido: Henry Weissborn
Fecha: 5 de diciembre, 2003
Hora (UTC): 6:06- 6: 55
Frecuencia (Khz.): 5950 khz

http://www.clubdeoyentes.unlujar.com

clubdeoyentes_rti@argentina.com

the Voice of Russia containing a "Russian Christmas" cd. and a personal ltr. from Sofia Berezhkova thanking me for participating in VORS anniversary project. They told me that I was one of their 75 winners. A full list can be found on the VOR website. (Barbour-NH)

SINGAPORE: BBC 9740 f/d

Q S L

Radio "La Voz del Napo" HCVN 7

Tena - Napo - Ecuador

TARJETA DE VERIFICACION

Señor *Jerry*

Estimado oyente:

Con la presente acusamos recibo de su atenta carta en la que nos informa que escuchó nuestra estación: Radiodifusora Cultural "La Voz del Napo" HCVN 7 que transmite desde Tena, Napo, Región Amtrónica Ecuatoriana Su recepción fue el día 6 de Febrero 1999 a las 05:28 a. 05.59 hora ecuatoriana GMT

Atentamente:

Eduardo Rosado

"BBC Far East Relay Station, Kranji" cd. in 37 ds. for 1 IRC. My rpt. was sent direct to the site. (Barbour-NH).

TINIAN: Radio Free Asia
15510 f/d "Year of the Rooster" cd. w/o site and w/o signature in 23 ds. I rcvd. a second ltr. from A.J. Janitschek with an RFA sticker. (Wilkins-MO).

UKRAINE: Radio Ukraine International 5910 f/d

"Kiev-Pechersk Cultural National Park" cd. in 34 ds. Station says they now require 3 reports to issue a QSL card. (Brouillette-IL).

We have now come to the end of yet another NASWA QSL Column. Keep the reports coming in.

QUESTION: Does anyone have a 1970 WRTH that I could borrow for a week or two...Sam. I would really appreciate one.

STATION NOTES: British Forces

Broadcasting Service 15530

Addr: BFBS Worldwide, PO Box

903, Gerards Cross, SL9 8TN,

England. **Bible Voice Broadcasting Network** 17860 via **Rampisham** Addr:

PO Box 200, Leeds, LS26 0WW, England. **Christian Media Network** 9330

v/s Mrs. Susan Lenox. Addr: PO Box 448, Jacksonville, OR 97530. **PAB**

Sungenis Project 7415 via

WBCQ v/s Pab Sungenis,

Owner. E-mail: pab@cnx.

com. **The Lost Disc Radio**

Show 7415 via **WBCQ** E-mail:

lostdiscradio@yahoo.com

...via Play Dx...Sam

QSL
Certificado de Sintonia
Emisora Caracol Colombia
Para Kerr W. Field
Muchas gracias por su informe de recepción. Tenemos el gusto de confirmar su control de nuestra emisión en 5075 kHz. de fecha 24 - Octubre 1992 a las 0204 horas de GMT/UTC con vatios de potencia.
World Series baseball con Caracol.
David P. Jones



RADYO PILIPINAS

Office of the Press Secretary
PHILIPPINE BROADCASTING SERVICE
(Member of Broadcast Services)

1st FLOOR, MEDIA CENTER BLDG., TORAYAS AVE., QUEZON CITY, METRO MANILA, PHILIPPINES. ZIP CODE 1108
TEL. NO. 9293399; TEL/FAX - 9220461 - E-MAIL ADDRESS: info@rdb.com.ph

March 31, 2000

MR. GEORGE L. GLOTZBACH
5 Herrada Court
Santa Fe, New Mexico
USA 87505

3/31/00

Dir Sir:

This is to acknowledge your letter sent to us. We highly appreciate your time listening to our programs over Radyo Pilipinas. Much more, we treasure your letter which specifies a reception report. We are therefore confirming your programs monitored on that day to you.

Attached is a copy of our program guide. Right now, we are continuously re-programming our station and please be assured that we will send you regularly a copy of our programs if there will be some changes. We included you in our mailing list, so please be assured that we have opened our communication line with you.

Please keep the assurances of our highest esteem as I remain

Very truly yours,

Tanny V. Rodriguez
TANNY V. RODRIGUEZ
Station Manager

MEMBERS NOTES: Bill Wilkins

wishes he had more to report. Most of his DXing this winter has been on the utility and mediumwave bands. **Jerry Klinck** asks if I've gotten over the Super Bowl yet. Not really. An even bigger surprise was the Red Sox and the UCONN women's and men's basketball teams. Good year for this area...Sam.

Until next time.

Sam

Net Notes

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

The Winter SWL Feistival was a lot of fun and was too short to effectively renew old friendships and make new ones. It was fun to listen to Bob Zanotti and Ian McFarland swap stories of the lives with SRI and RCI. And it was a bit surprising that all of this took place more than 10 years ago

Bob, once of the Two Bobs, once a very popular program at RSI, has almost become the defacto English language voice from this tiny country buried in the heart of Europe. Zanotti's new Web site is Switzerland in Sound—<http://switzerlandinsound.com/>—and it has a lot program material to listen to.

The Saturday luncheon speaker was Andrew "A.J." Janitschek of Radio Free Asia—<http://rfa.org/>—and he gave us an interesting inside look at the organization and the intended audience. The 'fest was honored with the selection of the Web site's logo — the globe with headphones on it — for the next special QSL card to be issued to those listeners sending reception reports.

Frans Vossen was the keynote speaker for the evening. It will be a shame to have RVI go off the air. I for one will miss the marvelous stories he can tell. Let's hope Frans can find a microphone...

In closing the event the staff and management of the 'fest have announced the new two dates for the fests. The 19th 'fest is scheduled for March 3 and 4, 2006. And the big number 20—two decades—will be on March 9 and 20, 2007!

If you have pictures you would like to share with others, please arrange to post the pictures on a Web site of your choosing—there are a numner of free sites—and pass the URL on to us to attaching to our pages. Sorry but we just do not have the time to handle your pictures in a batch file mode.

OK, gang, what shall we do to improve the SWLfest web site?

I have been kicking around ideas. Do you or your familty use the tourism links? Road reports? Weather?

Does the airport info help? Is radio and print media data useful? Scanner, ham radio?

Should I reduce the pictures to just a selection of highlights over the years?

The Web site can be expanded or contracted, but part of the decision will be based upon feedback. The site has been on the Wen for a long time. Is the site being taken for granted? 



<http://www.nhk.or.jp/nhkworld/>
E-mail nhkworld@nhk.jp

Contributors' Page

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

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA	NRD-545 AOR AR-7030 100' LW
Scott BARBOUR, Intervale, NH	R-75, MLB-1, RS antenna system
John BEATTIE, Ventura, CA	Drake R8B, Eavesdropper dipole, MFJ1026
Jerry BERG, Lexington, MA	R8A 165' LW
Bill BERGADANO, Freehold, NJ	Icom 718, 170' tuned inverted L
Mike BEU, Austin, TX	Drake R8B, terminated delta loop
Paul BROUILLETTE, Geneva, IL	Drake R8, ICF2010, 60' long wire
William BROWN, Independence, MO	Drake R8B 168' LW
Lawrence BULK, Mullica Hill, NJ	AOR AR-7030 Plus, Wellbrook ALA 33S
Jim CLAR, Rochester, NY	R8, Eavesdropper dipole, Palomar loop
Rich D'ANGELO, Wyomissing, PA	TenTec R340, Lowe HF-150, DX Sloper
Dennis DEAN, Bay City, MI	No equipment listed
Mickey DELMAGE, Sherwood Park, AB	Collins HF-2050
Jim EVANS, Germantown, TN	RX340, R8B, 30 m wire, AN-LP1
John FIGLIOZZI, Clifton Park, NY	R8A, HF150 w/sloper
Bob FRASER, Belfast, ME	Sony ICF-2003 ICF-SW100S 2m LW
Rich HANKISON, Leawood, KS	AOR7030+, random wire antenna
George HERR, Olinda, HI	no equipment listed
Ron HOWARD, Monterey, CA	NRD545, LW 160'
Jerry KLINCK, East Aurora, NY	R8, Drake HQ180AX, 80' longwire, 60' dipole
Bob MONTGOMERY, Levittown, PA	NRD535D, R390A, RX320, HF150, SE3, T2FD,
Jim RONDA, Tulsa, OK	FRG-100B, FRG-7, Eavesdropper
Louis Crister SMITH, Thurmond, NJ	R-75, 160' long wire
David TURNICK, Sinking Spring, PA	NRD-545, Alpha Delta sloper
George VADINO, Bellevue, WA	Drake R8
Joe WOOD, Gray, TN	DX-390, Grundig Mini 100 PE, whip antenna

RFA

RADIO FREE ASIA

Tropical Band Loggings

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- 310 AUSTRALIA ABC Alice Springs 1324 2/6 EE phone in pgm. (Brown-MO) 1427 Good News at 1429//VL8T 2325 (poor) and 2485 Katherine (poor) 2/17/05 (Herr-HI) 1240-1251 3/5 two M discussing Grand Prix racing, //2325; weak but steady signal. (Brown-MO)
- 325 AUSTRALIA VL8T 3/6 1134-1205. Tuned into 'Sunday Night' program with an prolonged interview with a female author. Good ID's throughout. Fair. (Turnick-PA)
- 390 MEXICO R. Huayacocotla 1330-1346 3/5, ponderous tuba band mx, W SS anmts. (Brown-MO)
- 850.04 KOREA(N) KCBS Pyongyang 1434 Good Very pleasant YL singing with instrumental background. Booming signal 2/17/05 (Herr-HI)
- 850.1 KOREA(N) KCBS presumed, 1215-1223 KOREan opera, martial mx, sometimes hrd //6100, but not 2/6. (Brown-MO)
- 200 SWAZILAND TWR 1732 Poor Religious programming 2/18 (Herr-HI)
- 230 CLANDESTINE (Zimbabwe) SW R. Africa (tentative), 0401-0426 2/26, man talking with snatches of English noted by I don't think it was the exclusive language. Numerous references to Zimbabwe but nothing close to an ID. Very poor. (D'Angelo-PA)
- 235 N. BRITAIN R. W. N. Britain 1155-1220 f/o 2/27, group singing followed by a man announcer with mix of English and Pidgin talks. More island vocals. ID and English talk segment at 1212. Poor. (D'Angelo-PA)
- 245v HONDURAS R. Luz y Vida @1150 with IDs and vocals; good; better signal on 3247 (Ronda, 3/12)
- 249.53 KOREA(N) KCBS Pyongyang 1502 Good Martial Music probably opera. 2/17 (Herr-HI)
- 250 HONDURAS R. Luz y Vida 1140-1200 1/22 SS Rel. pgm w/MX; good. (Ervine,TX) 3249.8, 1120 3/4 ID, M EE Bible reading, xlated to SS by W. (Brown-MO)
- 255 S.AFRICA BBC Meyerton fair 0417 w/pgm abt bigotry in sports 2/19 (Herr-HI)
- 280 CHINA "Voice Pujiang, Shanghai" 1507 M&W in CC. Good signal with somewhat muffled modulation. 2/17 (Herr-HI)
- 280 ECUADOR LV del Napo/R. Maria 1051 lite pop mx, TC & ID as R. Maria at 1100, then rel pgms w/praying the Holy Rosary "Maria, Madre de Dios" by M&W; fair (Ronda, 3/13) 3279.8, 1132-1152 SS ID, Latin pops. (Brown-MO)
- 287.7 MADAGASCAR R. Nationale Malagasy 0309 1/26 W in lang, // 5010. Weak (Beu-TX)
- 1306 ZIMBABWE R. Zimbabwe 0402-0420 3/11 M in vernacular, W ID 0405; nx features including phone reports from remote locations. Fair. (D'Angelo-PA) 0230 3/5 M ancw w/mx; fair. (Brown-MO)
- 1315 INDIA AIR Bhopal time pip 1514, then M w/nx? No sign of Radio Manus PNG. 2/17 (Herr-HI)
- 1320 S.AFRICA R. Sondergrense 0348-0356 3/12 W in Afrikaans with EE pop mx including Rain in Africa at 0350. Fair. (Wood, TN) 0156-0201 3/13 Afrikaans language of the 'African Night' px w/mostly US pop music. The female DJ was quite lively and spunky for 3AM S.Africa time. Good. (Turnick)
- 1320.21 KOREA (N) Pyongyang 1520 good pleasant music. 2/17 (Herr-HI)
- 1325 KALIMANTAN RRI Palangkaraya 1158-1205 2/27, SCI under much stronger PNG stn, then Jakarta nx. Seemed to peak for SCI but slowly dropped away during news leaving just Bougainville. (D'Angelo-PA)
- 13350 KOREA (N) PBS 1526 unreadable due jamming at this location. 2/17. (Herr-HI)
- 13373.5(U) JAPAN NHK Osaka 1058-1120 3/6 JJ song, ToH TC(3+1), NHK ID. (Howard-CA)
- 13385 N.BRITAIN R. E. N. Britain 1152-1222 2/27 pop mx hosted by M w/EE tlks & ID. Generally fair but peaked around top of the hour to good level. Also 1047-1115 3/19 W EE promo, island vocals; ID 1059, then pop mx px; fair & improving. (D'Angelo-PA)
- 13559.88 KOREA (N) V.Korea 1537 should be in AA at this time; doesn't sound like Korean 2/17; poor. (Herr-HI)
- 13815U GREENLAND KNR Tasiilaq presumed, dead on frequency, 2103 heard woman speaking, rang Noel Green and he had the same, 2113 female singer, 2116 discussion between man and woman. Signal was threshold level but steady, just above the noise level, the music was coming over better than the speech, too weak to be positive about the language. At 2130 there was a short mx bridge/IS, then presumed news in Greenlandic as listed in WRTH, same IS 2142 followed by music. Signal began to fade down but the mx bridge was heard again 2200, W w/presumed Danish news, mx bridge 2210, then another piece of mx & left the air 2215 without apparent anmt. Occasional short 20 second bursts of utility interference and presumably the same utility transmitter tuning up from time to time. 3/4. (Barraclough-UK)

- 3905 PNG [N.Ireland] *R. N. Ireland* 1058-1104 3/19, M in Pidgin/EEE, nx 1100; poor w/ARO QRM. (D'Angelo-PA)
- 3912 KOREA (S) *V of The People* 1542 Unrd due to totally effective jamming. Not old style bubble jammer. 2/17 (Herr-HI)
- 3930 KOREA (S) *KBS Hwasung* 1547 fair, not jammed! Talk show. 2/17 (Herr-HI)
- 3959.72 KOREA (N) *Kanggye* 1615 W singing lullaby like melody; don't think this is jammed. //3970.5 Wonsan w/marginally better audio. 2/17 (Herr-HI)
- 3965 FRANCE *RFI* Issoudin 0449 fair //9555 Issoudin (F/G) & //4890 Gabon (fair); EE ID 0456. 2/19 (Herr-HI)
- 3970 CLANDESTINE-IRAN *VO People of Kurdistan* 0307-0320, Kurdish, Call to Prayer at t/in, W w/fanfare 0310, alternating talks b/w M&W. Poor/fair. //4860.(Barbour-NH)
- 4005 VATICAN *RV* 2224-2235 2/28 Italian-? ballads & talks w/ various ancrs, IS loop/ID 2230. Poor/fair w/ constant "data" QRM. (Barbour-NH)
- 4009.99 KYRGYZSTAN *R. Bishek* 1636 mx w/W ancr; poor 2/17 (Herr-HI)
- 4052 GUATEMALA *R. Verdad* 0550 2/6 M in EE w/request for rx rpts. (Brown-MO) 4052.46, 0458-0520 2/20 EE spiritual folk mx (very nice), M ID & prg description at ToH F/G, rty qrm (Caras-ME) 4052.47, 0545-0601* EE gospel mx, s/off w/EE anmts giving "Radio Truth" ID & addr at 0555. S/off 0556 w/ 5 minute long NA. Very good. (Alexander-PA 2-26) 4052.5, 0400-0405 3/12 M SS ancr, marimba mx; SS ID 0405; F/G (Wood, TN) 4052.5, 1105-1119 3/19, soft rel instl mx, then M in EE w/Voice of Revival px, giving Box 5, Chiquimula address for listeners to write. Fair. (D'Angelo-PA)
- 4055 UNID 0405-0423 Ukraine sounding mx, in the noise level. I doubt this was the Guatemala strn from 4052 (Bergadano-NJ 3/6)
- 4330 CHINA *Xinjiang PBS* Urumqi, 1653 2/17 lcl quality with S7-8 signal. Very mellow western sounding music. (Herr-HI)
- 4385 PERU *R. Imperio* 0407-0454 3/12 rel svc or rally w/M & lots of crowd noise; several Halleluiahs throughout. Poor. (Wood, TN).
- 4460 CHINA *CPBS* Beijing 1657 2/17 lcl quality. Three pips at ToH. Format seems similar to US domestic station including what sounds like ads. (Herr-HI)
- 4605 INDONESIA [PAPUA] *RRI Serui* 1128-1140 3/1 II talk, ballad at t/in, M ID & instl mx 1130 (not SCI). Talk continues throughout. Weak. (Barbour-NH)
- 4635 TAJIKISTAN *R. Dushanbe* (tent) 2309-2340 3/15 Tajik, continuous talks w/2 M b/w occ mx bridges and W (briefly) at 2327. No discernible ID noted. Poor/fair, but better than prior monitoring. (Barbour-NH)
- 4750 SUDAN *R. Peace* 0333-0347 3/8 Vernacular/EE, native mx & talks. Full EE ID 0342; talks over choral mx, then instl version of "Oh Come all ye faithful" F/G. (Barbour-NH)
- 4759.98 LIBERIA *ELWA* *0556-0620+ s/on with vibraharp IS, lite instl mx; EE s/on anmts 0559, into a variety of EE gospel mx, local Af rel choral mx. ELWA ID 0612. Back to the Bible pgm 0615. P/F. (Alexander-PA 2-26) 4760, 0720 2/6 EE rel px; fair and steady signal (Beu-TX)
- 4760 ANDAMAN IS. *AIR Port Blair* 1158 2/22 man singing a subcontinental pop tune. P/F (Figliozzi)
- 4765 BRAZIL *R. Rural* Santarem 0050 3/3 M doing sporting event, probably futebol in Port; fair but severe static crashes throughout. (Klinck-NY)
- 4770 NIGERIA *NBC* 0525 2/20 mx px, EE cmtry; fair. (Turnick-PA) 0505 3/5 M ID & EE nx; weak but clear. (Klinck-NY) 0505 2/5 EE men w/nx cmntry P?F (Crisler-Smith MD)
- 4774.98 PERU *R. Tarma* 1007-1020+ OA folk mx, ID 1008, SS anmts. Fair.(Alexander-PA 2-19) 4775, SS mx px, loud ID; then faded right out (Bergadano-NJ)
- 4774.98 SWAZILAND *TWR* 0435-0500 2/20 EE animated rel discourse by M, ID 0500. Poor to fair, qrm/ /6120 about same. (Caras-ME) 4775, 0402 GG during excellent African opening; tlk by M; VG signal. (Bergadano-NJ 3/7) 0421-0429 3/11 GG px w/M preaching, 0429 ID & soft instl mx. P/F but noisy conditions. (D'Angelo-PA)
- 4777 GABON *R. Gabon* *0531-0600+ abrupt s/on with FF talk. Hi-life mx at 0534. R.Gabon IDs at 0600. Very good. (Alexande1r-PA 2-26) FF *0532-0603 2/5 abrupt s/on, M DJ in FF w/greetings to traffic safety patrols, hi life music. Excellent. (Brouillette-IL)
- 4780 DJIBOUTI *RTV Djibouti* strong carrier came on at 0245 3/19, pggm started 0300 w/Horn of Africa mx, ID in what appeared to be Somali ("Halkani . . . R. Djibouti"), several ments. of "Somali," into prayers. ID for R. Djibouti 0310, talk, many ments. of Islam. HoA mx from 0320, nx 0331, into mx again 0338. Brief anmt by man at 0400, "Salaam Aleikem" by woman 0401. Signal started deteriorating noticeably after 0345, but was still easily audible at 0405 tune-out. Some rumbling behind the signal, which increased as signal weakened. Audio very good, but I did notice some very slight over modulation at times. Hrd at 0300 3/20 as well, but signal not quite as good as 3/19. This via new IBB-supplied xmtr which was thought to be 50 kw.

- per IBB documentation referenced by Wolfgang Bueschel <<http://www.fboday.com/archive/2002/06-June/26-Jun-2002/FBO-00098287.htm>> But Djibouti comm. ministry website <<http://www.mccpt.dj/Direcom.htm>> says 100 kw. Stn website is <<http://www.rtd.dj/>> Tnx Make-lainen & Bueschel tips. (Berg-MA) 0300-0400, 3/20 nice mx at s/on, possible IS and then to a M anc in AA w/long talks, after Koran. Possible news items. Then to mx program at 0310 or so. At 0330 a mention of Djibouti heard from M anc, a very fast talker. Freq mentions of Israel thru news items. S8 signal level at tune in. Mentions of George Bush and Iraq heard at 0335. Much time talking about Iraq in the news cast. Mx at 0341 after ending of news cast. Again, Djibouti mentioned at 0341. S7 level at this time with some fades but still very audible. A bit of a surprise to hear this one. Not sure when I last heard this station. Taped. Possible IS at ToH then to W anc anc w/nx items. Loosing it at this point. Koran at 0401. S4 level. Some qrm on occasion. (Montgomery, PA) 0340 3/20 vern HoA style mx; fair. (Crisler-Smith, MD)
- 4780 **GUATEMALA R. Cultural Coatan** 0200 TC, Andean flutes & vocals; fair-poor (Ronda, 3/7) Mayan dialect 0008-0019 2/5 lca musicians, M anc, lots of mentions of "Cristo, " Excellent signal. (Brouillette-IL) 1215-1230 2/26 SS tik & mx w/singing. Also 2220 1/24 SS rel pgm w/mx. (Ervine,TX) 1104 2/22 M&W in unid lang w/trumpet fanfares. Good, came in like a local in FL. (Figliozzi) 1040-1047 SS prg, song "Buenos Dias" sung by 2 W; exc. (Bergadano- NJ 3/7) *1031 w/NA, M w/SS ID; fair 3/4. (Brown-MO)
- 4782.38 **MALI ORTM** 2230-0002* FF talk, FF pops/ballads. Abruptly pulled plug mid sentence at 0002. Usually s/off w/NA. // 5995 - both freqs weak. Noted the past several days back closer to their nom 4783 freq. Heard at 0622 on 4783.38.(Alexander-PA 2/12-13) 4783.1, 0612 2/6 W.Afr pop by W w/guitar. (Brown-MO) 4786.9, FF 2317-0002* 2/3, off nominal freq, hilife mx, W anncr, off w/ ID and national anthem by brass band, (Brouillette-IL) 4783, 2220-2235 3/7 M in FF over stringed instruments, vocal music. ID/IS 2230, then presumed newscast. F/G. (Barbour-NH)
- 4790 **INDONESIA [PAPUA] RRI Fak-Fak** 1140-1205, 3/1 II, continuous Indo ballads from t/in to 1159. W ID & snippet of SCI. M&W thru t/out. Poor/fair w/ "sweeper" f/in around 1155. (Barbour-NH)
- 4790 **PAKISTAN (AZAD K) Azad Kashmir Radio** via Islamabad (tent) 1715Fair "Recorded speech in EE about Pakistan and other countries. Freq. breaks in another lang.Poor audio with strong signal. ID 1732 Radio Pakistan, Islamabad" 2/17/05 (Herr-HI)
- 4799 **GUATEMALA R. Buenas Nuevas** 0136 3/11 w/choral mx & talk; fair; here most nights (Ronda) 4799.8, M in SS 1220. Good. (Figliozzi 2/22) 0033-0100 1/25 SS rel px w/mx. Fair. (Ervine,TX)
- 4800 **INDIA AIR Hyderabad** 1733 2/17 W w/EE nx to 1735; then lang; fair. (Herr-HI)
- 4810 **MEXICO R. Transcontinental** 1158-1220 3/12 rel talks; F/G. (Ronda) 0437 2/19 poor w/heavy sweeper interference. (Herr-HI) 1138 rel px, W singing hymn, M in SS; poor 2/21. (Figliozzi) SS mx prg w/ID 1135, unid qrm (Bergadano-NJ 3/7)
- 4815 **ECUADOR R. El Buen Pastor** 1000-1015+ SS rel mx, ID, SS talk. Poor with sweeper & rtty QRM. (Alexander-PA 2-26)
- 4820 **INDIA AIR Kolkata** 1735 Fair //4880 2/17 (Herr-HI)
- 4830 **INDIA R. Kashmir** Jammu (tent) 1738 poor w/abrupt S/O. No EE as listed in WRTVH 2/17 (Herr-HI)
- 4835 **PERU R. Maranon** 1026-1040 2/22 M SS w/talks re Santa Rosa, crowd noise. Rooster effect; ad string w/ solid "Radio Mar-a-non!" ID anmt 1033 & 1035, back to music. Fair. (Barbour-NH) 4835.47, 0945-1000+ OA folk mx, NA 0954; opening anmts 0957 with ID. Many canned IDs at 0958. Good but slight distortion. Much stronger signal than usual. Power increase? (Alexander-PA 2-17)
- 4845 **MAURITANIA RTVM** 0058 2/6 Koran, M ID 0059, AA chorus, abrupt 0101*. (Brown-MO)
- 4845.18 **BOLIVIA R. Municipal** *0917-1000+ s/on w/poss state anthem? Did not sound like NA. Opening SS anmts 0918 w/IDs. CP mx 0923. Andean vocals. Poor-weak at s/on but improved to fair to good quality by 0945. Brazil's R.Cultura Ondas Tropicals s/on at 0956 causing co-channel QRM. Both stations in at equal level. (Alexander-PA 2-19)
- 4860 **INDIA AIR Dehli** 1744 2/17 fair w/strong signal. Very bad audio. Mx ute interference 1749. (Herr, HI) 1224 01/28 EE svc W w/cmtry; poor. (Crisler-Smith MD) SC mx to 1300 M EE ID as AIR; fair 3/5. (Brown-MO)
- 4870 **INDONESIA RRI Wamena** (tent) 1344-1355 W w/S.Pac. vocals, off in mid-song. (Brown-MO)
- 4885 **BRAZIL R. Clube do Para** 0325 lots of pop vocals; PP ID 0332; F/G; here most nights (Ronda, 3/7) 0457-0509 3/12 pop mx in PP. ID 0509 as Radio Clube Do Para Belem.? LA version of the 'chicken song'? Fair. (Wood, TN).
- 4890 **GABON RFI** 0443 fair // 9555 2/19 (Herr-HI)
- 4890 **PNG NBC** Port Moresby 1200-1220 2/28. EE px w/nx & events from the Pacific area. Faded out by 1220. Good at first. (Turnick) 1250-1359 2/26, EE. Prop. is usually good 4 of 7 days a week. Voice somewhat muffled and with 'tang'. Continuous mx; nxt 1300, NA 1359, sometimes. Fair. (Ervine,TX) Pop music ("Back in the High Life Again"), M DJ in EE 1225. Fair. (Figliozzi 2/22)

- 4905 CHINA *Xizang PBS* Lahsa 1751 //4920. Both good. Singing. 2/17 (Herr-HI)
- 4910 SWAZILAND *TWR* Manzini 0414 02/27 GG svc rel mx F/G (Crisler-Smith MD)
- 4910 ZAMBIA *R. Zambia* 1755 mx; nx 1800 1800. EE. F/G 2/17 (Herr-HI) 0313 hi-life vcls; many anmts; fair (Ronda, 3/7) 0458 EE nx by two M. 2/19 (Herr-HI) 0447-0503 Afr lang to EE nx 0500 (by that time just about audible), EE nx by W. (Bergadan-NJ 3/6) 0500 3/5 M anc, ID, EE nx F/G (Klinck-NY) 0248-0304 3/15 Vernacular, IS, NA, M w/ talk over drums & vocal mx, passing mentions of "Zambia Broadcasting Corporation". Pips (1+1) 0300, then Afropops. P/F. (Barbour-NH)
- 4915 BRAZIL *R. d'io Difusora Macapa* 0346-0435 3/9, PP pop vcls (Beatles music) hosted by M w/brief PP talks. ID 0401, more pop tunes & ID jingle at 0410. Fair to good. (D'Angelo-PA) 0336 ID, back to mx (Ronda, 3/7; 3/11) 0130 3/2 Two M in PP discussion; over mx from R. Anhanguera. Good sigs otherwise. (Klinck-NY)
- 4915 GHANA *R. Ghana* 0533 3/18 choral mx, drums, EE ments of Accra (Ronda)
- 4925 INDONESIA [SUMATRA] *RRJ Jambi* 1113-1128 3/1 II, koran-like vcl mx w/W in Indo at 1120. Booming! (Barbour-NH)
- 4930 BOTSWANA *VOA* "Studio 7" 0328-0340 3/1 EE "Daybreak Africa" and "VOA English to Africa" IDs at t/in. Intro music and "Good Morning Zimbabwe, welcome to Studio 7". News brief re Zimbabwe and African countries. Full ID anmt 0335 mentioning 909 MW and 4930 SW. Interviews w/ Zimbabwe opposition party officials. Fair listening in LSB. (Barbour-NH)
- 4940 CHINA *Voice of the Straits* 2/26 & 27, 1430-1500, in EE, "This is the Voice of the Straits, Fuzhou, China. Focus on China," brief items about China. "Focus on China" on Sat & Sun. Their website: www.vos.com.cn. (Howard-CA)
- 4949.95 ANGOLA *R. Nacional Angola 1* Mulenvos, 0056 2/28 mx; BRZ carrier ruins the nice music; time pips at ToH, then nx; back to music 0106. Nice reception. (Montgomery, PA) 4949.98, 0505 frequent IDs. Poor 2/19 (Herr-HI) 4950, 2343 PP 2/2 pop music, some w/EE lyrics. M anc, low key. ID's as "Radio Nacional." Weak but clear. (Brouillette-IL)
- 4955 PERU *R. Cult. Amauta* 2340-2400 M SS talk, some Andean flutes, ID's as "R Cultural," Weak. (Brouillette-IL)
- 4960 SÃO TOME *VOA* 0515 2/5 Hausa cmtry ments Nigeria; good. (Crisler-Smith MD) 0455 3/5 afro pops mx pgm & ID on hr. //4930. strong & clear. (Klinck-NY) 0307-0311 3/20 Male EE nx, ID; nx w/ID; talks about aids in S. Africa. Nice copy. 3/22 is "world water day". Talks by Jessica Vernon. (Montgomery, PA) I hereby designate 4/22 as "Get Rid of All Special Days Day". (df)
- 4965 ZAMBIA *Christian Voice* Lusaka 1809 2/17 good w/pop Christian music. ID 1813 by W, "The Voice". (Herr-HI)
- 4970 BOTSWANA *Studio 7* *0330-0354 3/17 EE px covering the upcoming elections in Zimbabwe. Very good. (Turnick-PA)
- 4975.98 UGANDA *R. Uganda* 0410-0445 3/6, 3/7 EE nx to 0430 ID, afro pop mx f/o by 0445, poor with qrn (Caras-ME) 4976, 2041-2100* 2/28 M w/Vernacular talks b/w Afropops, NA at s/off. Fair at best. (Barbour-NH) 4976.91, 0427 2/19 EE mx, IDs. Poor. (Turnick-PA)
- 4990 INDIA *AIR Itanagar* 1209 2/22 w/SC vocals by W, flute mx, M in Hindi; weak. (Figliozzi)
- 4990 SURINAM *R. Apantie* 0520-0537 lots of upbeat and rap mx in EE including something by Ricky Martin and "Express Yourself" by Madonna. P/F 3/12. (Wood, TN) 0736 2/9 EZL mz, ballads, etc. Exc. (Beu-TX) 0445 3/5 US pop mx "Laughter in the Rain" etc. Great mx IDs, exc. tonite. (Klinck-NY) 0250-0312 2/15 Dutch/EE pop ballads in EE & Dutch; EE jingle ID 0307 re "...great sounds..Radio Apantie-Great!". Fair, best heard in quite some time. (Barbour-NH)
- 5000 HAWAII *WWVH* 1046 time signals; 3/4. (Brown-MO)
- 5005 EQ.GUINEA *R. Bata* 0601-0626 3/3 SS nx & cmtry on African events. Solid ID at 0607. Weak. (Turnick-PA) Popped on 0536 2/27 in mid-religious svc, no s/on sequence. TC & ID 0600: "Son las 5 de la manana punto en Bata ... esta es Radio Bata ... onda corta de 60 metros..." Also ment. R. Malabo a couple of times. Good signal with some intermittent ute QRM. (Berg-MA) Popped on in mid-px 0540 3/1. It was already on at a check at 0533 on 3/2. (Berg-MA) 0557-0610 choir mx; 0600 W SS ID "Radio Bata". Additional anmts & short selection of W.Afr mx. M&W talk 0602. Good w/usual low side interference. Best signal this Winter and first clear ID. (Evans-TN) 0605-0620 2/15 M&W SS, ments Malabo, Bata. Deep fades and some splash from WWV made this one very difficult. Poor. (Beattie-Ca) *0536-0600+ s/on w/Afr hi-life mx & Radio Bata ID. SS talk & Af hlufe mx. Very good. (Alexander-PA 2-26) 0522 3/19 usual crash start in the middle of African mx. But for a change they had a full ID by W 0530, w/Afr drums in background, SW & FM fqys, b/c times, tel. number. Decent level, but QRN this night. (Berg-MA)
- 5010 INDIA *AIR Thiruvananthapuram* 0115 3/4, two M talk in vern. & some SC mx. Fair (Klinck-NY)
- 5015 BRAZIL *R. Aparecida* 0048-0105 3/19 PP/EE; looking for Turkmen Radio again but found this one booming in w/PP & EE mx till PP anc 0056. Fanfare/full ID then pips at 0100. Various ancrsbetween numerous "Aparecida" jingles thru t/out. Fair/good. //6135; P/F. (Barbour-NH)

- 5015 **TURKMENISTAN *Turkmen R.*** 2359-0037 3/12, Turkmen; s/on in progress at t/in w/M, then NA. Talk over wind-instruments at 0003. W at 0007 until 0017 when joined by M b/w brief musical bits (strings and drums). Orchestra-like music and ballads between talks at 0022 thru t/out. Weak but clear for the most part. Best listening in LSB. Very pleased! Also 2342-0005 3/15, Turkmen, Continuous mx w/ancr b/w selections, "echo" effect talks over mx 2354-2359. Pip at 0000, then NA, (T) "Watan Radioyaylymy" at 0004 and talk over wind instruments. Poor but readable under static. Apparently this signs on earlier than 0000, as listed in WRTH and PPWBR, which I assumed in my 3/12 log when I tuned in during the NA at 0000. Does Turkmenistan observe DST this time of year or is this just a schedule change? (Barbour-NH)
- 5020 **SOLOMON IS *SIBC*** (P) 1138-1204 3/19 Pidgin-EE native mx w/ancr b/w selections. W at 1149 w/devotional sounding pgm & lite mx bits; a few words of EE heard tho not much to work with. Anthem (NA-?) at 1200 right into M&W in EE, sounding very much like the BBC. Fair at t/in but way too much Rebelde-5025 slop as the hour progressed. (Barbour-NH)
- 5025 **CUBA *R. Rebelde*** 2358-0005 3/11 big band mx; M SS ID at ToH; VG. (Wood, TN)
- 5029 **COSTA RICA *Univ.Network*** 0543 3/12 The late Dr. Scott's stn w/song by Ray Stevens abt a squirrel getting loose and wreaking havoc in a church in Pascagoula Mississippi, USA. VG. (Wood, TN)
- 5030 **BURKINA FASO *R. Burkina*** 2225-2230 2/5 M FF ancr taking phone calls including one from Ivory Coast. (Brouillette-IL) 2337 3/4 FF afro pop F/G (Crisler-Smith MD) 2316-2400 3/11 M&W FF ancrrs playing rap & pops in EE & FF. Obliterated by R.Rebelde at TOH. Good until then. (Wood, TN) 5030.01, 2300-2400* FF talk, ID as "Radiofiffusion Television du Burkina". Lcl Afr tribal mx. Some interesting indigenous mx. Also some Afro-pops. Good. In the clear. Just a tad off frequency today. Usually they are right on 5030.00. (Alexander-PA 2-18) 2337 3/04 FF afro pop F/G. (Crisler-Smith, MD) 2341 3/19 Afr & FF pops, FF anmts; steadily improving to TOH (Ronda)
- 5030 **MALAYSIA *R. M. Sarawak*** (P) 1513-1533* 2/28, light pop songs, sound effect at s/off; heard under China. (Howard-CA)
- 5040.3 **BURMA *R. Myanmar*** 1204-1220 2/15 Burmese, Sub-continent ballad at t/in, W w/lengthy talk, music resumes at 1215. Poor w/ het. (Barbour-NH)
- 5045 **BRAZIL *R. Guaruja Paulista*** 0805 2/24 PP re; px & mx; vy good. (Turnick-PA)
- 5500 **ETHIOPIA *V of Tigray Rev.*** *0355-0415+ local Horn of Africa mx; flute IS. Vern talk; fair. // 6350-weak. (Alexander-PA 2-27)
- 5765U **GUAM *AFRTS*** 1400 3/5 M ID, nx, science report. (Brown-MO)
- 5775 **ITALY *IRRS*** 2232-2304* 3/11 short features about the UN in EE (UN Radio relay?); then instl mx to 2300 M ID "This is I double R S, Milano." Gave info for special numbered QSL card for reports. Off with ID: "This is IRRS Shortwave in Milano signing off." Brief vocals until carrier was cut. Fair to good signal. (D'Angelo-PA)
- 5939.35 **PERU *R. Melodia*** Arequipa 2330-2400+ SS talk by M&W; "Melodia" jingles. SS ballads. Fair. (Alexander-PA 2/25)
- 5950 **TAIWAN *R. Taiwan Int.*** 2157-2200 1/24 CC mx w/singing M ancr & time beeps at 2200. W w/nx. Fair. (Ervine, TX) 

For faster service with membership dues payments, address changes, or missing bulletins, send all information to NASWA, 45 Wildflower Road, Levittown, PA 19057-3209. The email address for these things is weoliver@comcast.net. Please send articles and comments for the Musings section of "NASWA Notes" to Rich D'Angelo whose address appears on his masthead

International Band Loggings

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

- 5910 **UKRAINE RUT** Simferopol in UK *0000, IS, ID, fqy, sked, internet addr, g (McGuire MD 2/15)
- 5985 **CONGO RTV Congolaise** Brazzaville in FR 0446, West African pop mx w/talkover, audible under WYFR until 0455 when WYFR changed antenna direction blotting out Congo (Evans TN 2/12)
- 6005 **UNITED KINGDOM Wales R Int** relay via Rampishan in EG 0300-0329*, IDs, pgm re Wales trade mission, feature on flowers, website, Wales UK addr, poor w/adjac QRM splatter (Alexander PA 2/26)
- 6030 **CANADA CFVP** Calgary in EG 1520, oldies rx, ads, IDs, wx rpt (13 above), TC, traffic, nx, S-9 peaks riding in over co-chan Beijing in CH, 100 watts dominating 50 kw. heater (Treibel WA 3/17)
- 6035 **BOTSWANA VOA** relay in EG *0300, IS, ID, African service, rpt on the UN, p (McGuire MD 2/15)
- 6040 **CANADA China R Int** relay Sackville in EG *2300, ID, nx, rpt on No Korea, wx rpt, "CRI Round Up" tlk of New Years celebrations for Year of the Rooster, "Listeners Party" (Dean MI, McGuire MD)
- 6060 **ITALY RAI** Rome in IT 2316, current affairs pgm, rpts, ID's, TC's, f-p w/QRM (Clar NY 3/10)
- 6105 **SAO TOME VOA** relay in EG 0616, feature re American Samoa on VOA News Now, IDs at 0631 close down, fair w/gradual fade out, //6035, 6080 (D'Angelo PA 3/12)
- 6120 **IRAN VOIRI** Kamalabad in EG 0223, nx, anti-US tlk, mx, ID "Voice of Justice" (Dean MI 2/12)
- 61348 **BOLIVIA R Santa Cruz** in SP 0040, nice ballads, tlks by 2 OMs, fair w/ECSS (Klinck NY 3/4)
- 61398 **COLOMBIA R Lider** via R Melodia relay in SP 0522, SP songs, many R Lider IDs but also mentioned Melodia, g (Alexander PA, Howard CA) in SP 1059, NA, IDs, fqy, nx, ad for Banco Popular during economic rpt, Bogota xmtr site (D'Angelo PA, Bergadano NJ)
- 6165 **INDIA AIR** Delhi in Sindhi 1252, subcont mx w/flute, Pakistan service, p, //9620 (Figliozzi NY 2/23)
- 6205 **RUSSIA Deut Welle** relay via Komsomolsk in CH 1039-1056*, GM lang lesson, pgm ended at 1055 but IS continued for additional 2-1/2 mins to closedown (Berg MA 2/14, Howard CA 3/6)
- 63989 **NORTH KOREA Pyongyang BCS** Kanggye in KR 1124, speech re America w/audience applause, announcer came on at 1136, NA, ballads w/tlk over, fair w/muddy audio (Barbour NH 2/22)
- 7110 **ETHIOPIA R Ethiopia** Addis Ababa in Amheric *0300-0415, IS, ID, tlks by several anncrs, nice Horn of Africa mx ballads, upbeat mx, //97042 (Barbour NH 2/14, Evans TN 2/28, Berg MA 3/2)
- 7115 **EGYPT R Cairo** in EG 2318, nx incl tlk re planned release of Palestinian prisoners by Israel and improving living conditions for Palestinians on the West Bank, IDs, into ME mx, f (Clar NY 2/13)
- 7115nf **RUSSIA IBRA Radio** relay via Vladivostok in CH *1230, IS, ID, ballads, long tlk, YL with s/off announcements at 1259, pips and s/off 1300, p-f (Barbour NH 2/28)
- 7115 **SERBIA R Serbia & Montenegro** relay via Bijeljina in Serbian *0030, IS, ID, fqy, nx (McGuire 2/5)
- 7125 **GUINEA RTV Guineenne** Conakry in FR/vern 2325, long, impassioned tlk, ID, chant and tribal sounding mx, hiphop mx in FR (Clar NY 3/10, Brouillette IL 2/5)
- 7140 **TUNISIA ERTT** Sfax in AR 1955, traditional mx, //12005, both fqys exc (Crisler-Smith MD 3/4)
- 7155 **RUSSIA V of Russia** via Komsomolsk in JP *1157, IS 1159, ID, promo, nx, mx, fair (Clar NY 2/23)
- 7175 **ALBANIA China R Int** relay in FR 1946, IDs, into CH lang lesson, fair (Clar NY 2/27)
- 7255 **NIGERIA V of Nigeria** Ikorodu in EG/FR *1900-2259*, Afro pops, IDs, feature re Nigerian popular mx, nx, pgm on economics, closing EG anmts 2057 and into FR pgming 2059, some Vernacular talk later in the bcst and s/off w/NA, very weak at s/on but slowly improving to fair (Alexander PA 2/26)
- 7260 **VANUATU R Vanuatu** Port Vila in EG/Vern 0815, local pop mx, many IDs in Vern, into church? Service at 0830 w/hymns and sermons, fair signal w/static crashes (Delmage AB 3/6)
- 7270 **INDIA AIR Chennai-FM Gold Home Service** in Vern/EG 1210, HD mx, FM Gold jingle, AIR ID, nx in EG 1230, p-f, //9470 (Barbour NH 2/21, Figliozzi NY 2/23, Howard CA 2/27)
- 7295 **MALAYSIA R Malaysia Radio 4** Kajang in EG 1230, US pop rx w/DJ, station slogan "All the news you need, all the music you want on Radio 4", f-p (Howard CA 2/19, Figliozzi NY 2/23)
- 7300 **RUSSIA V of Russia** relay via Armavir in FR 2000, IS, ID, ancmt, mx, nx headlines, f-p (Clar 2/27)
- 7325 **AUSTRIA RAI** Moosbrunn in EG 0011, cmntry on Auschwitz liberation anniversary, mail from listeners (Brouillette IL 3/1)
- 7345 **CZECH REPUBLIC R Prague** in FR *2258, IS, ancmts, ID, nx by YL, good (Wood TN 3/11)

- 7365 **VATICAN CITY Vatican Radio** in EG 2008, hosts featuring comments from Sec General of Society for Missions re violence in the Ivory Coast, ID, f-p, // 9755, 11625 (Clar NY 2/27)
- 7430 **GREECE Filia Radio** via V of Greece in EG 1945, international nx re Oregon-USA assisted suicide law, Iraq, Nobel Prize nominees, IDs in GK/EG, fqys incl FM/MW, s/off 1958. f (Barbour NH 2/22)
- 7811 **USA AFRTS Key West, Fl.** Relay in EG 2025, NPR features talking abt rest and children, unusual reception in PA mid-afternoon, weak signal but audible (Montgomery PA 2/18)
- 9265 **USA WMLK Bethel, PA** in EG 1945-2101*, back on the air after several weeks silent, usual Elder Jacob O'Meyer talking abt Yahweh teachings, IDs, still announcing fqy as "9465" at s/off, strong carrier but weak modulation (Alexander PA 2/17)
- 9290 **LATVIA EMR** via Riga in EG 2145-2203*, pop vocals, tlks over fast paced instrumental mx in the background, many EMR IDs, poor (D'Angelo PA 2/26)
- 9335 **NORTH KOREA V of Korea** Kujang in EG 1332, KR ballads b/w nx re "anniversary of the Great Leader, Kim II Sung", cmntry re "Korean people work for radical change in economic construction" and pgm "Time honored history and resplendid culture" re 16th century edifice, fair (Barbour NH 2/21)
- 9390 **PAKISTAN R Pakistan** Islamabad in EG 1602, nx by YL, heavy snow in Kashmire, p (Herr HI 2/17)
- 9395 **KAZAKHSTAN Deut Welle** relay via Almaty in GM 1237, interviews, nx at 1300, cmntry or report, IDs, promos, fair (Clar NY 2/16, Turnick PA 2/27)
- 9400 **PAKISTAN R Pakistan** Islamabad in Urdu 1709, tlks re Pakistan, Iran, and Iraq, ID 1715 followed by Koran-like chanting, fair (Barbour NH 2/15)
- 9405 **PHILIPPINES FEBC** Manila in CH 1443, banter by OM/YL w/mx bits, repetitive "Hallelujah" jingle, language lesson, mx w/the phrase "pantai yo-ya"? repeated throughout, ID (Barbour NH 2/21)
- 9425 **INDIA AIR Home Service** Bangalore in HD 1855, Hollywood-style mx, ID 1908, fair but fading rec'n (Beattie CA 2/27) in EG 1537, "AIR News at Nine", upbeat, strong sig but over modulated (Herr HI)
- 9470 **INDIA AIR** Aligarh relaying FM Gold Home Service in HD 1150, subcontinental pop mx, vocals, very weak signal, //7270 fair level (Figliozzi NY 2/23)
- 9485 **FRANCE V of Africa** (Libya) relay in EG 1822, IDs, several ments of Great Jamahiriya, nx headlines, US soldiers killed in Baghdad, Libyan/Tunisian leaders meet, into AR pgm 1827 (Clar NY 2/19)
- 9520 **PHILIPPINES R Veritas Asia** in CH 1043, lengthy tlks w/mx bridges, bells/ID 1056, orchestral mx, OM preaching, a-capella song, QRM from Sackville 1100 (Barbour NH 2/19, Figliozzi NY 2/22)
- 9520 **GERMANY IBRA Radio** relay via Juelich in SH/EG 1820, tlks, choral mx, into EG 1830 w/Spotlight pgm re "The history of futbol", website, IS, poor w/QRM from VOA Greece (Barbour NH 2/15)
- 9535 **SPAIN REE** Noblejas in SP *2300, IS, ID, pips, regional nx, ment Bush/Putin, g (McGuire MD 2/24)
- 9560 **AUSTRALIA R Australia** in EG 1322, tlk re selections from Australian instrum'l musician w/tune called Ice Worms, promo for "The Law Report" ID's, f-p, //9580, 9590 (Clar NY 2/16, Park HI 2/28)
- 9575 **IRAN VOIRI** Sirjan in AR 2347, fiery Sufi mx over churning percussion, great!, g (Crisler-Smith 2/26)
- 9580 **AUSTRALIA RA** in EG 1230, tlk re Prince Charles' upcoming marriage, vg, //9590 (Fraser ME 2/14)
- 9590 **FRANCE Radio Centrafrique** relay in FR 2103, brief tlks b/w selections of hi-life style mx, good but broken and distorted modulation (Clar NY 2103) in FR 1900, lots of African tunes in Vern, 4 pips at 2000, possible nx, f-g w/slight hum and some fading (Montgomery PA 2/19)
- 9600 **VATICAN CITY VR** in VT 2325, IDs, many ments Jesus Christ, organ mx bridges, p-f (Clar NY 3/6)
- 9610 **GERMANY IBRA** relay via Juelich in Malinke 1929, insp mx, choran anthem, ID, f (Clar NY 2/14)
- 9745 **ECUADOR HCJB** Quito in Quechua 2325, nice Andean mx, ID, pips, fair (Brouillette IL 1/30)
- 9760 **ITALY RAI** in EG 1938, nx, lengthy rpt on funeral of Italian intelligence official killed by US forces while protecting freed Italian journalist in Iraq, ID (Clar NY 3/7)
- 9770 **SRI LANKA SLBC** Colombo in EG 0143, ID, TC, oldies mx incl 'Take Care of My Baby' (Clar 3/12)
- 9775 **HUNGARY R Budapest** in EG *0200, IS, ID, "Hungary Today", rpt on European Union, good signal (McGuire MD 2/15, Dean MI 2/16)
- 97797 **YEMEN Repub of Yemen Radio Sanaa** in AR 1945, tlks b/w haunting selections of Mideast instrum'l mx, possibly a feature of some type on Islamic history or culture, fair w/QRN (Clar NY 2/21)
- 9795 **SINGAPORE R Nederland** relay in IN 1205, IDs, promo, sked, addr, E-mail, nx?, f-p (Clar NY 2/26)
- 9820 **INDIA AIR** Panaji in Sinhala 1329, tlks w/ments of Punjab and Nagpur?, IDs, into subcontinental mx and vocals, f-p w/flutter, //15050 (Delhi) weak but audible (Clar NY 2/16)
- 9840 **VIETNAM V of Vietnam** Hanoi in EG 1505, YL w/nx, ID, tlk on current affairs, (Herr HI 2/18)
- 9870 **NEW ZEALAND RNZI** in EG 1325, nx of the Pacific Islands, ID, PSA re procedures for lodging a complaint re a National Radio bcst, long range wx forecast, f-g (Fraser ME 2/16, Clar NY 3/7)

- 9905 **IRAN VOIRI** Kamalabad in SP 0026, IS, theme mx, ID, Koran chant/prayers, f, //9555 (Clar NY 2/24)
- 9930 **PALAU R Free Asia** relay in Khmer 2230, mx bridges, IDs at 2230 and 2330, f-p (Caras ME 2/21)
- 99405 **IRAN VOIRI** Kamalabad in EG 1615, lecture by YL on proper clothing, ID, into Farsi at 1628 giving web site among other info, //9610 (Herr HI 2/18)
- 9965 **ARMENIA V of Armenia** Yerevan in GM/EG 1858-1945*, IS, ID, service in GM to 1925, into EG at 1925 until s/off, nx re anniversary of Armenian genocide, visit from NATO big-wig and cmntry re Azerbaijan, contact info, mx interludes, postal/e-mail addresses (Barbour NH 2/22, Clar NY 2/14)
- 11690 **SOUTH AFRICA? Radio Okapi** relay? in FR 0445-0545, frequent ment of Congo, simple Okapi ID at 0457, occasional pop mx until 0545 t/out, good signal w/fades (Evans TN 3/9) ED: Radio Okapi has been listed as inactive for current xmtng season but stronger signal now suggests that station is not operating out of Kinshasa with a 10 kw. xmtr. Reports suggest that South Africa relay is new xmtr site.
- 11690 **JORDAN R Jordan** relaying FM 96.3 bcst in EG 1456-1729*, nx, wx rpt, press review, "modern type" AR instrum'l mx, lyric vocals in EG, pips at toh, "Listeners Choice" (D'Angelo PA, Bulk NJ, Herr HI)
- 11705 **PHILIPPINES VOA** relay in EG 1216, "News Now", ID, TC, rpt on Pres Bush's visit to Germany with clips of his remarks to German Chancellor, fair w/flutter (Clar NY 2/23)
- 11715 **INDIA AIR** Panaji in EG 2156-2230*, HD vocals, nx, cmntry, sked/ID at s/off, f (D'Angelo PA 2/20)
- 11730 **PHILIPPINES R Pilipinas** in Tagalog/EG 1856-1930*, radio drama, ID in Tagalog 1900, cmntry in EG re "equality..working together", req for mail, interview re R&D training courses cut off at 1929 for ID in EG and fqys, fair w/USB, //11890, 15190 (Barbour NH 2/14, Herr HI 2/18)
- 11735 **NORTH KOREA V of Korea** Kujang in EG 0100, ID, brief propaganda tlc, choral, f (Klinck NY 3/4)
- 11815 **BRAZIL R Brasil Central** Goiania in PT 0206, lite instrum'l musical pgm w/jingle ID 0215, OM w/tlks followed by lite jazz mx, good (D'Angelo PA 2/20)
- 11820 **PHILIPPINES R Veritas Asia** in IN 2302, tlc by OM, mx bridges, p, //9505 vp (Evans TN 3/6)
- 11840 **AUSTRALIA Voice International** via Darwin in EG 1554, tlc re Australian futbol, mx, ID, nx of Iraq and Zimbabwe, good until 1558, QRM thereafter (Dean MI 2/28)
- 11860 **SINGAPORE R Japan** relay in EG 0110, nx, then "Songs for Everyone" feature, f (Klinck NY 3/4)
- 11865 **PORTUGAL Deut Welle** relay via Sines in EG 1912, nx, tlc re cricket and security for matches b/w India and Pakistan, sports summary, German language lesson, vg (Dean MI 2/26)
- 11890 **SRI LANKA Deut Welle** relay in AR 2110, current events tlc, IDs, promos, mx flourish (Clar NY 3/1)
- 11910 **CHINA REF** Spain relay via Xi'an in SP 1214, IDs, promos, TC, many ments California? (Clar 2/26)
- 11925 **BRAZIL R Bandeirantes** São Paulo in PT 0240-0315, EG vocals, YL DJ, ID, tlks, f (D'Angelo 2/20)
- 11975 **SÃO TOME VOA** relay in EG 1931, "News Now", rpt on violence against women in Rwanda, ID, and promos, fair w/flutter (Clar NY 3/7)
- 13610 **SYRIA R Damascus** in EG 2015, tlc, IDs, rpts re date set for foreign ministers meeting in March, items on continued unrest in Lebanon, and car bombing in Iraq, f-p (Clar NY 2/22)
- 13630 **AUSTRALIA RA** in EG 0020, IDs, feature on Globalization, cmntry on health care, f (Clar NY 2/24)
- 13675 **CANADA RAI** Austria relay in EG 1628, rpt on fone taps at a sports stadium debate (Fraser ME 2/15)
- 13685 **AUSTRALIA Voice International** via Darwin in EG 1250, Christian pop mx, sermon, f (Figliozzi 2/22)
- 13710 **BOTSWANA VOA** relay in EG 2019, "Africa World Tonight", ID, fqy, PSA re AIDS by BB King, into tlc re crackdown on foreign journalists in Zimbabwe, fair, //15240 (Clar NY 2/22)
- 13760 **NORTH KOREA V of Korea** Kujang in SP/FR 0255, closing ancmts for SP xmsn, IS 0300, ID, into FR xmsn, FR NA, followed by tlks, good, //11735 and 1518 both poor (Evans TN 2/28)
- 13765 **VATICAN CITY Vatican Radio** in Tigrinya/FR 1650, tlc, IDs, mx selections, IS at 1658 and into FR pgm at 1700, world nx, fair-poor w/fading (Clar NY 2/25)
- 15120 **NIGERIA V of Nigeria** Ikorodu in EG *1700-1859*, s/on w/instrum'l tune, Afro pops, nx, tlc on Nigerian politics, ID, interview w/Nigerian musician plus his mx (Alexander PA 2/26, Clar NY 2/13)
- 15180 **NORTH KOREA V of Korea** Kujang in EG 0137, IDs, mx bridges, propaganda about factory output in the DPRK and willingness of the people to work out of love for their "great leader", f-p (Clar NY 3/12)
- 15190 **EQUATORIAL GUINEA R Africa** in EG 1600, relig pgm behind strong BBC Antigua until 1700 when signal picked up, ID 1700, inviting listeners to contact the individual ministries directly, E-mail and postal address, into "Shield of Faith" (p) pgm, abrupt s/off in mid-program at 1705 (Berg MA 2/17)
- 15190 **ANTIGUA BBC** relay in EG 1310, pgm entitled "From Our Own Correspondent", g (Fraser ME 2/13)

- 15240 **SWEDEN R Sweden** Hoerby in EG 1340, tlk on children's books, ID, website, "Nordic Lights", nx and cmntry on Kyoto Agreement, nominations for Nobel Prize, Swedish visitors to tsunami-hit areas, rpt on the Police Academy and its training, abrupt s/off 1359, powerhouse sig (Bulk NJ, Fraser ME)
- 15250 **ITALY RAI** Rome in IT 1745, tlk, IDs, ment Vernona and Milano as well as Pope's first message since leaving the hospital, fair signal, //11875 weak w/QRM (Clar NY 2/13)
- 15295 **SOUTH AFRICA AWR** relay via Meyerton in EG 2010, tlk on treatment of high blood pressure, ID, promo, into tlk re God's desire that we live healthy lives, insp mx, fair sig (Clar NY 2/22)
- 15310 **THAILAND BBC** relay in EG 1402, IDs, nx, Condelezza Rice touring Asia, pro-Syrian factions create unrest in Lebanon, fair sig w/fading (Clar NY 3/19)
- 15355 **GABON R Japan** relay Moyabi in EG 1748-1800, nx items, ID, fqy, sked, 4 pips, mailbag, selections of JP pop mx, fair to poor signal (Montgomery PA 2/24, Clar NY 2/13)
- 15390 **AUSTRALIA HCJB Australia** via Kununurra "Voice of the Great South Land" in EG 1512, cmntry on current happenings (Herr HI 2/18)
- 15405 **AUSTRALIA HCJB Australia** via Kununurra in EG 1250, relig pgm in EG/IN? 1250, relig pgm, ment Peru several times, lively hymn-like song, ID 1300, Voice of the Great Southland (Figliozzi NY 2/22)
- 15505 **KUWAIT R Kuwait** in AR 1850, reciting poetry over Oriental lute mx, exc (Crisler-Smith MD 3/4)
- 15540 **PORTUGAL RDPI** Lisbon in PT 2055, soccer game live, pips TOH, het QRM (Hankison KS 3/15)
- 15580 **BOTSWANA VOA** relay in EG 1041, African sports nx, ID, exc (Crisler-Smith MD 2/20)
- 15630 **GREECE FTH** Avlis in GK 1758, talk, IDs 1800, into promos/jingles, ads?, mx, fair (Clar NY 2/13)
- 15820 **ARGENTINA R Continental** Buenos Aires in SP 2355, ad string, nice ID over mx, tlks re Buenos Aires, YL/OM bantering, good sig, LSB feeder station (Barbour NH 2/21)
- 17675 **NEW ZEALAND RNZI** in EG 2224, news and cmntry re New Caledonia, QRM (Dean MI 2/28)
- 17770 **SOUTH AFRICA Channel Africa** Meyerton in EG 1533, two OM's discussing use of oil profits in Chad, ID's, fair w/QRM (Clar NY 2/24)
- 17810 **INDIA AIR** Panaji in Telugu, ID's, nx(p), ments Washington, Lebanon, Iraq, p-f, //13710 (Clar 2/26)

Clandestine/Opposition Stations

- 7460 **ALGERIA R Nacional de la RASD** Tindouf in SP 2350, OM w/political tlk, ezl SP pop mx, closing ancmts at 2400, NA at s/off, good level w/fades (Evans TN 3/6)
- 9495 **GERMANY R Free Syria** relay via Juelich in AR 1932, long talks, brief instrum'l mx, interludes b/w segments, ID 1958, mailing address?, fair signal (D'Angelo PA 2/27)
- 15530 **UNITED KINGDOM Sudan Radio Service** relay via Wooferton in EG 1500, nx pgm, pgm sked note, manyl IDs, "Our Voices" feature on women's rights, rpt on land reform (Clar NY 2/24, Fraser ME 2/22)

Company Store

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

Hello everyone. It was great to see many of you at the Fest. I hope everyone enjoyed themselves. For those of you attending the Fest, you know that the last of the Company Store's beer mugs were distributed during the raffle. We will not be ordering any more. Also, when I got back, I placed an order with our book supplier and found out that Farrell's *Confidential Frequency List* is no longer available. For the time being, we will not be offering that book through "The Store". On a related note, I am interested in hearing from members about books or other merchandise they would like us to have for sale. If you have an idea or an opinion, please let me know. My e-mail and snail mail addresses are listed, so by all means get in touch with me. Until next month, good listening. Mike

WELCOME TO THE FOLLOWING NEW MEMBERS

DAN EDER, Mellon, WI
PETER C. CARD, Middletown, RI
HOWARD E. THOMAS, Auburn, IN
STEVEN D. JONES, Lexington, KY
RONALD V. PAUL, Wallingford, CT
ABRAHAM B. SICKLE, Washington, DC
PAUL LAPINSKY, Jacksonville, FL
ZEN J. STEVENS, Arlington, VA
ERIN JACOBS, Bridgeport, WV
H. McKENZIE, Falmouth, MA
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WORLD OF RADIO, CONTINENT OF MEDIA, MUNDO RADIAL
BROADCAST SCHEDULE EFFECTIVE APRIL 3, 2005

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

Days and times here are strictly UT.

Wed 2200 WOR WBCQ 7415 17495-CUSB [first airing of each edition]
Thu 1000 WOR World FM, Tawa, Wellington, New Zealand 88.2
[also weekend repeats TBA]
Thu 1000 WOR RNI [archive]
Thu 1600 WOR WBCQ after hours
Thu 2030 WOR WWCR 15825
Fri 0000 WOR WTND-LP 106.3 Macomb IL [NEW]
Fri 0200 WOR ACBRadio Mainstream
Fri 0400 WOR ACBRadio Mainstream
Fri 0600 WOR ACBRadio Mainstream
Fri 0800 WOR ACBRadio Mainstream
Fri 1000 WOR ACBRadio Mainstream
Fri 1030 WOR World FM, Tawa, Wellington, New Zealand 88.2
[also weekend repeats TBA]
Fri 1100 WOR RNI [archive]
Fri 1200 WOR ACBRadio Mainstream
Fri 1400 WOR ACBRadio Mainstream
Fri 1600 WOR ACBRadio Mainstream
Fri 1600 WOR WBCQ after hours
Fri 1800 WOR ACBRadio Mainstream
Fri 2000 WOR ACBRadio Mainstream
Fri 2115 MR WWCR 15825
Fri 2200 WOR ACBRadio Mainstream
Fri 2300 WOR Studio X, Momigno, Italy 1584 87.35 96.55 105.55
Sat 0000 WOR ACBRadio Mainstream
Sat 0500 WOR SIUE WEB RADIO
Sat 0800 WOR WRN1 to Eu, Au, NZ, WorldSpace AfriStar, AsiaStar, Telstar 12 SAM
Sat 0855 WOR WNQM Nashville TN 1300
Sat 1000 WOR RNI [archive]
Sat 1030 WOR WWCR 5070
Sat 1130 WOR World FM, Tawa, Wellington, New Zealand 88.2
Sat 1600 COM WBCQ after hours
Sat 2030 WOR R. Lavalamp
Sun 0230 WOR WWCR 5070
Sun 0300 WOR WBCQ 9330-CLSB
Sun 0330 WOR WRMI 7385
Sun 0630 WOR WWCR 3210
Sun 0830 WOR WRN1 to North America, also WLIO-TV Lima OH SAP
Sun 0830 WOR KSFC Spokane WA 91.9
Sun 0830 WOR WKFN Rhinelander WI 91.7 91.9 100.9
Sun 0830 WOR WDNW Auburn NY 89.1 [unconfirmed]
Sun 0830 WOR KTRU Houston TX 91.7 [occasional]
Sun 1000 WOR RNI [archive]
Sun 1100 WOR R. Lavalamp
Sun 1200 WOR WRMI 7385
Sun 1300 WOR KRFP-LP Moscow ID 92.5
Sun 1400 COM KRFP-LP Moscow ID 92.5 [monthly]
Sun 1500 WOR R. Lavalamp
Sun 1600 COM WBCQ after hours
Sun 1730 WOR WRMI 7385 [from WRN]
Sun 1730 WOR WRN1 to North America NEW from March 27
Sun 1900 WOR Studio X, Momigno, Italy 1584 87.35 96.55 105.55
Sun 2000 WOR RNI
Mon 0230 WOR WRMI 7385
Mon 0300 WOR WBCQ 9330-CLSB
Mon 0330 WOR WSUI Iowa City IA 910 [week delay]
Mon 0430 WOR WBCQ 7415
Mon 0900 WOR R. Lavalamp
Mon 0900 WOR WRMI 9955
Mon 1000 WOR RNI [archive]
Mon 1600 WOR WBCQ after hours
Tue 0600 WOR WPKN Bridgeport CT 89.5
Tue 1000 WOR RNI [archive]
Tue 1600 WOR WBCQ after hours
Tue 2130 MR WWCR 15825
Wed 0930 WOR WWCR 9985
Wed 1000 WOR RNI [archive]
Wed 1600 WOR WBCQ after hours
Wed 2100 MR WWCR 15825

Latest edition of this schedule version, with hotlinks to
station sites and audio, is at:
<http://www.worldofradio.com/radioskd.html>

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

MP3 files of WOR and some other programs recorded off SW (WBCQ or WOCR in our case): Alex's Radio DX Programs Page <http://www.piratearchive.com/dxprograms.htm>

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

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

WRN times also relayed by cable systems, FM and satellite stations.

Visible audio links:

WBCQ: http://www.scottbecker.net/modules.php?name=Web_Links&l_op=visit&lid=1
RNI: <http://www.11L-rni.com>
RFPI: <http://www.rfpi.org/rfpi.m3u> or <http://www.rfpi.org/rfpi.ram>
ACB Radio: <http://www.acbradio.org/mainstream.html>
SIUE Web Radio: <http://webradio.siue.edu/>
WPKN: <http://www.wpkn.org/live.ram>
R. Lavalamp: <http://www.radiolavalamp.org>
WRMI: <http://www.wrminet.us:8000> [down for some time as of Mar 25]
WRN:
http://new.wrn.org/listeners/schedules/popup_player_live.php?stationID=50
KSFC: <http://www.kpbx.org/audio/listenonline/ksfc.m3u>
WXPR: <http://wxpr.dwave.net:8005/wxpr24k.m3u>
<http://wxpr.dwave.net:8005/wxpr64k.m3u>
WDWN: <http://www.cayuga-cc.edu/telcom/wdwn.ram>
KTRU: <http://www.ktru.org/realaudio.html>
WSUI: <http://128.255.60.46:8080/ramgen/encoder/wsuiive.rm>

Station Locations:

KRFP ----- Moscow, Idaho, USA
KSFC ----- Spokane, Washington, USA
KTRU ----- Houston, Texas, USA
Lavalamp - Osaka, Japan
RFPI ----- San Jose, Costa Rica, Radio for Peace International
RN ----- Hilversum, Holland, Radio Nederland
RNI ----- Radio Newyork International
SIUE ----- Edwardsville, Illinois, USA, WebRadio
Studio X - Momigno, Italy
WBCQ ----- Monticello, Maine, USA
WDWN ----- Auburn, New York, USA
WNQM ----- Nashville, Tennessee, USA
World FM - Tawa, Wallington, New Zealand
WPKN ----- Bridgeport, Connecticut, USA
WRMI ----- Miami, Florida, USA
WRNL ----- London, UK
WSUI ----- Iowa City, Iowa, USA
WTND ----- Macomb, Illinois, USA
WOCR ----- Nashville, Tennessee, USA
WXPR ----- Rhinelander, Wisconsin, USA
YVQO ----- Puerto La Cruz, Venezuela

NOTE: WOR is weekly; COM and MR approximately monthly but aired weekly.

Continent of Media is also available on demand from DXing.com: <http://www.DXing.com>

Segments of Mundo Radial appear first almost weekly as part of Radio Enlace on Radio Nederland, Fridays and Sundays, on shortwave, internet and satellites PanAmSat 3, Telstar 12, Astra 1G. Scripts and audio links for latest and previous editions: <http://www.rnw.nl/sp/toolbar/radicoenlace.html>

Audio links to RN Spanish programs including Radio Enlace: http://www.rnw.nl/distrib/realaudio/html/espa_01_.html

Mundo Radial or Radio Enlace reports also appear at times on YVQO, 640, Puerto La Cruz, Venezuela, during 2-hour program Sintonia DX from Unión Radio Porteñas, UT Sun 0000 Also try webcast via: http://intranet.unionradio.com.ve/intranet/audio/audio_principal_select.asp

73, Glenn Hauser

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

Publications

Shortwave Listening Guidebook by Harry Helms. A beginners guide to shortwave listening covering equipment and more.	\$19.95 +2.00 s/h US/CA +3.00 s/h world
Joe Carr's Receiving Antenna Handbook A guide to high performance receiving antennas from longwave to HF and VHF.	\$19.95 +2.00 s/h US/CA +3.00 s/h world
Joe Carr's Loop Antenna Handbook Comprehensive but readable guide to understanding and building loop antennas.	\$16.50 +2.00 s/h US/CA +3.00 s/h world
Farrell's Confidential Frequency List (13th Edition) NEW Compiled by Kevin Nice. Definitive source of information for the dedicated ute listener.	\$29.95 +4.00 s/h NAM +8.00 air world
Radio Monitoring: the How-to Guide by Skip Arey. Guide for new listeners to MW, HF, VHF and above.	17.95 +4.00 s/h NAM +8.00 air world
Passport to Worldband Radio 2005 Great source of information about shortwave stations, frequencies in use and schedules.	\$20.95 +4.00 s/h NAM +8.00 air world
World Radio and TV Handbook 2005 Long considered to be the bible for shortwave listeners.	\$27.95 +4.00 s/h NAM +8.00 air world
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NASWA Country List and Awards Program Booklet	\$3.00 PP US/CA \$5.50 elsewhere
NASWA T-Shirts Return of a favorite in NASWA blue with the club logo.	\$14.00 S-XL 16.00 XXL +4.00 s/h NAM +8.00 air world
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