

The ~~NASA~~ Journal

VOLUME XLII NUMBER 9

SEPTEMBER 2002

PMP7-30

BLANDX

TRISTAN DA CUNHA World Service

PROGRAM SCHEDULE FOR MAY 1980

TIME (GMT)

LANGUAGE

URDU

0000-0

0200-0

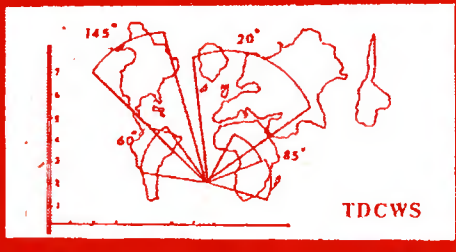
0400-0

0600-0



Played on the Gop Flute

TRISTAN CAL



Tristan Radio Report Form

Name _____
Address _____

Freq	Date	Time GMT	S	I	N	P	O



JULY 1981

Quality Equipment From Universal Radio

GRUNDIG

The Great Grundig Satellit 700

By Thomas Baler

This book features an exhaustive analysis of one of the finest portable short-wave radios ever made.

Table of Contents: Preface, History, Editions & Production, Versions, AGC/MGC Preselector, Hints & Mods, AM/FM Test Mode, FM-RDS PI PTY Mod, Buying A Second Hand 700, Mint in box, Satellit 700 and It's Successor, Advertising, Booklets, Disassembling, Lithium Cell, Indicator and SSB adjustment, Satellit 500/700/900, Satellit 700 Owner's Manual, **Satellit 700 Service Manual with Schematics.** Printed in Germany. ©2002. 60 photos 117 pages (8.2 x 11.4). This is a must have book for any Satellit 700 owner. #1524 \$24.95

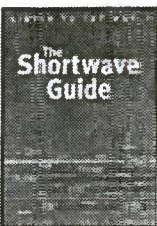


GRUNDIG

FR-200



Be prepared and aware with the Grundig FR200 emergency radio. This affordable analog portable receives AM, FM and shortwave in two bands: 3.2-7.6 and 9.2-22 MHz. The FR200 operates from a wind-up generator, 4.5VDC or 3 AA cells. The generator charges the supplied, replaceable NiCad cells. Two turns per second for 90 seconds will provide 40 to 60 minutes of operation. A concentric Fine Tune knob provides smooth, precise tuning. With carry handle and camo canvas carry case. There is also a built-in bright emergency light. Has nice audio. 6.75x5.75x2.75 inches. #2000 \$39.95



THE SHORTWAVE GUIDE - LISTEN TO THE WORLD

By N. Hardyman. This guide uses color bar charts printed on smooth and matt paper to provide a simple and effective tool for the shortwave listener and DXer. It is easy to see what is being broadcast in a particular language at any time. Plus addresses for shortwave stations and radio clubs. © 2002 Produced June 2002 by WRT Publications 208 p. Order #3145\$17.95

GRUNDIG

The Satellit 700 was designed to accept one, two or three plug-in memory chips. Each optional EPROM chip adds an additional 512 memories.

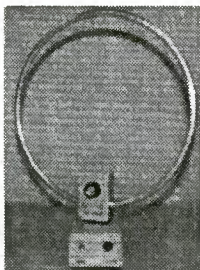
Grundig EPROM Sat7 Order #1779 \$11.95 each.

www.RFfun.com

www.universal-radio.com



LA350



The new AOR LA350 active loop antenna is specifically designed to provide reception when located indoors. Coverage is from 3-30 MHz with the supplied 350H and 350S loop elements. The LA350 may be rotated to achieve maximum signal strength while minimizing unwanted signals and interference. A built-in 13.5 dB signal amplifier, with high IP3 (+30 dB) is featured. The LA350 operates from a 9 volt battery and features a BNC to BNC coaxial jumper cable (if your radio accepts a PL259 then use BNC-PL259 adapter #2124 \$4.95). (Optional 350L longwave element and optional 350M medium wave element will be available soon. Prices to be announced).

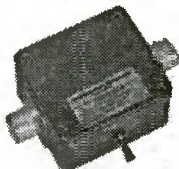
LA350 Loop Amp with HF Elements
Order #1806\$299.95



ELECTRONICS

BCST-HPF BCST-LPF

The Par BCST-HPF is designed to help shortwave listeners cope with interference from AM stations. This 7 pole elliptic high pass filter passes 1.8 to 200 MHz and notches out 0-1.7 MHz. The housing has an SO-239 jack for input and output and also has a toggle type bypass switch.
BCST-HPF Order #4426 \$48.95

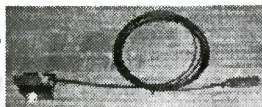


The Par BCST-LPF is designed to help long wave DXers cope with interference from nearby AM stations above 540 kHz. Stop band is 540 kHz to 300 MHz. The housing has an SO-239 jack for input and output and has a bypass switch.
BCST-LPF Order #1143 \$48.95



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-Wave wire. 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. Examples are given in the manual. Output is via a silver/teflon SO239 UHF connector (ready to accept a PL-259). Lead-in coax cable is not provided. The radiator also attaches via a stainless stud allowing it to be removed, or replaced with a different length radiator for experimental purposes. The included manual shows typical radiation patterns for selected frequencies through out the HF spectrum.
Par EF-SWL Order #2205 \$57.95



RX-340



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NASWA Notes

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

Don't forget that **Ron Hunsicker** (1238 Cleveland Avenue, Wyomissing, PA 19610-2101; e-mail: ronhuns@ptd.net—note the slightly different e-mail address than reported by me last month) is interested in forming a regional NASWA chapter in the greater Reading, PA area. Anyone that has an interest in shortwave radio is welcome to participate. Ron is willing to be the coordinator so please contact him if you are interested in meeting other club members on a periodic basis. I look forward to seeing you at an upcoming radio gathering.

There is still time to attend the Ontario DX Association gathering, **RadioFest 2002**, on September 20, 21, 22, 2002 at the Monte Carlo Inn—Oakville, 374 South Service Road E., Oakville, Ontario, L6J 2X6, CANADA. Check out the Calendar of Events for further information about this great event.


Also, remember that the **Wavescan 2002 DX Contest** is being held throughout the month of September 2002. The requirement is a response to the question, "What is your first shortwave QSL?" Also, "What is your first QSL from Adventist World Radio?" The world winner for the 2002 Wavescan DX Contest will receive the 2002 Bronze Medallion and a book written by some guy named Jerry Berg called *On the Shortwaves*. Check out last month's *Journal* for all the details.

With the DX season upon us, it is time to order the latest edition of the Danish Shortwave Club International's (DSWCI) **Domestic Broadcasting Survey 4 (DBS-4)**, edited by DSWCI Chairman Anker Petersen, in PDF-format, or—upon request—in Microsoft Works database. DBS-4 covers all active stations broadcasting to a domestic audience or relaying such broadcasts to compatriots abroad in the shortwave spectrum of 2200–30000 kHz. Active clandestine stations are also included with schedules and identifications.

The treasurer, DSWCI, c/o Bent Nielsen, Egekrogen 14, DK 3500 Værloese, Denmark, sells it for US\$5.00, €5, £3, DKK 40 or 7 IRC per issue.

No matter how often I update the *Flashsheet* database, there are always little critters creeping into the system making a mess of things, hi! Although most of the problems with the NASWA electronic *Flashsheet* mailing list have been cleared up, each month a new gremlin sneaks up on me. This month I need help tracking down Karl Racenis. Also, if you signed up for the *Flashsheet* but have not seen it lately you need to contact me to straighten out the distribution list. Remember, if you still have not jumped on board the *Flashsheet* bandwagon, what are you waiting for? You can get the latest hot DX news and information from the club's electronic flash sheet newsletter edited by **Sheryl Paszkiewicz**, spasz@dataplusnet.com or P.O. Box 716 Manitowoc, WI 54221-0152 for non-electronic submissions. Join your fellow members in receiving our electronic newsletter which supplements the monthly *Journal* for the timely dissemination of DX loggings and breaking news. It is only available to members. Deadlines are posted in the NASWA *Flashsheet*. If you are a current member of the club and want to receive the electronic NASWA *Flashsheet* just drop me (rdangelo3@aol.com) a note with your e-mail address.

Please remember that all communications about subscriptions, bulletin delivery issues, etc. should be directed to **Bill Oliver** at the club's Levittown address or to his new electronic address exclusively for club related business, naswa@worldnet.att.net. The regular postal address is the familiar 45 Wildflower Road, Levittown, PA 19057. Inquires sent directly to me in 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. 

OUR MOTTO IS - "UNITY AND FRIENDSHIP"

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: RMonty3@worldnet.att.net.

FRENDX: Twenty Five Years Ago (September 1977)

The Newark News Radio Club scheduled its 50th anniversary celebration for Saturday, October 8, 1977, at the Bloomfield Civic Center at 2:00 PM. M. R. Leonhardt reported that the club was in good financial condition. Jerry Lineback's *Shortwave Center* featured antenna related articles: A Coil Antenna by Ed Ininger; Free-Standing Antenna Supports for Flat Roofed Buildings by Jim Roberts; A New Dipole by Tom Alleman; A Multiple Dipole by Robert D. Stees; A Short Antenna by Mike Agner; and More Thoughts on Hidden and Indoor Antennas by Jerry Lineback. Ed Shaw completed his last *QSO/NASWA* column. Ed planned to spend more time developing articles for the *Shortwave Center* and helping HQ. In Myron Smith's Scoreboard, the top ten countries verified were: Richard Pistek (206), Bob Padula (205), Sam Barto (203), Bill Sparks (203), Marlin Field (203), James Young (201), Al Sizer (201), Dan Henderson (200), John Campbell (200) and Ed Shaw (199). In the *QSL Report*, editor Bill Oliver noted verifications received by Henry Lazarus, Radio Diario da Manha-Brazil, and Ed Kusalik, Radio Kashmir. The *DX Hotline* reappeared under the editorship of Tom Alleman. 

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.

Scott R. Barbour, Jr. <srbjrswl@yahoo.com>, Intervale, New Hampshire

Greetings from Intervale, NH. I'm not sure if this is the proper place to post this; but I wish to put out a request to fellow DXer and new member Chris Nourse of Tamworth, NH; just south of my QTH here in Intervale; to contact me at my e-mail address for DX talk; info sharing; etc. I haven't seen to many names in Northern NH that DX. Who knows, maybe we can form an impromptu DX chapter?

Also, if anyone is interested in forming a regional NASWA Chapter for the purpose of holding meetings, gatherings to discuss DX and share information please contact me.

73s Scott



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

Calendar Of Events

Sep 20 Meeting. Philadelphia Area NASWA Chapter. Kulpville Holiday Inn, Kulpville, PA at 7:30 PM. For more information contact Dan Cashin at 610-446-7831 or Internet: dcsckp@aol.com.

Sep 20 Meeting. Boston Area NASWA Chapter. No meetings of the Boston Area DXers have been scheduled while they are looking for a new meeting site. In the meantime, 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/>

Sep 20-22 Convention. The Ontario DX Association will hold **RadioFest 2002** on September 20, 21, 22, 2002 at the Monte Carlo Inn—Oakville, 374 South Service Road E., Oakville, Ontario, L6J 2X6, CANADA (Tel: (905) 849-9500, Fax: (905) 849-6405, e-mail: reservation@montecarloinns.com, website: www.montecarloinns.com/oak.htm). Friday begins with a wine and cheese reception in the evening. Saturday features a silent auction, displays, club items on sale, guest speakers, panel discussions and the draw for Raffle 2002. Sunday will conclude with a tour (TBA). Registration is \$10.00 Cdn or \$7.00 US, which includes the Friday Wine & Cheese reception and the Sunday Tour. For more information, contact Harold Sellers at 905-853-3518 / Fax 905-853-3169 / email: listeningin@rogers.com or Brian Smith at am740@rogers.com or by mail at: Ontario DX Association, Box 161, Willowdale Stn. A, Toronto, Ontario, Canada M2N 5S8. Check the ODXA web site (www.odxa.on.ca) for updates.

Sep '02 Contest. The Wavescan 2002 DX Contest will be held during September 2002. The following is a summary of the contest requirements: PART A: Give the details of your first shortwave QSL. PART B: Give the details of your first QSL from Adventist World Radio. PART C: Submit 3 reception reports on any AWR transmissions. PART D: Where possible, submit 3 radio cards. PART E: Where possible, submit a cassette tape-recording containing the opening routine or the closing routine of a local shortwave station. The "Wavescan 2002 DX Contest" is open to all radio listeners. The only address for contest entries is Anniversary DX Contest, Box 29235, Indianapolis, IN 46229, USA.

Oct 11 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX) meet at the Lebanon Citizens National Bank on U.S. Route 42 in Mason at 7:00 PM. For more information contact Mark Meece at 513-743-8089 or e-mail at [<radiuscan@siscom.net>](mailto:radiuscan@siscom.net). For additional information about MONIX, check out their web site at [<http://www.siscom.net/~mmeece/monix.html>](http://www.siscom.net/~mmeece/monix.html)

Mar 7-8, 2003 Convention. The 16th Annual Winter SWL Festival, sponsored by NASWA, will be held at the *Best Western—The Inn at Towamencin* (Kulpville to the rest of us), located at Exit 31 on the Northeast Extension of the Pennsylvania Turnpike, on 7th and 8th March 2003. Richard Cuff and John Figliozzi co-chair the organizational committee. It's never too early to begin planning. See you there!

Apr-May, 2003 Radio Holiday Tour. David and Jocelyne Ricquish lead a radio holiday tour of the great cities of Latin America in April/May 2003. Plans include visits to many radio stations and meetings with local radio enthusiasts. The tour is designed for DXers, shortwave listeners and radio enthusiasts and all those that enjoy the music and culture of Latin America. The full itinerary and booking conditions can be found at the New Zealand Radio DX League website (<http://radiodx.com/spdxr/dxtour/htm>) or can be obtained from Latin American Radio Tour, P. O. Box 14339, Wellington, New Zealand (e-mail: ragusa@paradise.net.nz).

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).

Easy Listening

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

Radio España Exterior at risk?

Spanish Foreign Radio—the English language version of **Radio España Exterior**—has cut its English language broadcasts targeting North America by two-thirds. Instead of one-hour broadcasts at 0000, 0100, and 0500 UTC, the only remaining broadcast is at 0000 UTC on 15385 kHz. This development has not been posted to the REE website. The general commentary I've picked up in Internet discussions is that attrition has struck the station, with departing personnel not being replaced.

Hopefully we listeners can contact REE and the Spanish Embassy expressing continued interest in their shortwave service and our concerns that it is being reduced in scope and coverage. When I picked up shortwave as an adult (after a 17 year hiatus) in 1987, REE was one of the first stations I listened to regularly. I would miss it if it disappeared from the airwaves.

The Embassy of Spain is located at 2375 Pennsylvania Avenue NW, Washington, DC 20037. Their phone number is +1 202-452-0100. Their English language website is at <http://www.spainemb.org/ingles/indexing.htm>, and an E-mail contact form appears on the website. Each of the consulates has its own E-mail link as well. You can reach the foreign language services of REE via E-mail at lenguas_extranjeras.rne@rtve.es. As far as I can tell, their postal address is Apartado de Correos 156.202, 28080 Madrid, España.

Music – a shortwave treat that transcends language

As I was helping my wife move some furniture around in our combination spare bedroom/shortwave listening post, I had my radio tuned to **Radio Cairo**—which was airing Middle Eastern music at the time. My 5-year-old daughter was very interested in

the exotic sounds she was hearing. Maybe I've stumbled onto something: if you are interested in seeding interest in shortwave in your children, perhaps exposing them to exotic music is the best way to pique their interest.

Most of the time we emphasize English language programs and services in the *Easy Listening* column, since that's the principal language for most NASWA members. However, you don't have to limit yourself to English language programming if you're interested in music (especially folk or "indigenous" music) from other countries. Here are some ideas for your consideration:

- **Afrique Numero Un** airs on shortwave daily from 0500 to 2300 UT, although propagation to North America tends to be best later in the UTC day. Shortwave frequencies include 9580, 15475, and 17630, according to their website. 15475 kHz, in use from 1600 to 2100 UTC, will likely be the best in the USA, African music with a French influence is what you'll find.
- the **Voice of Turkey** airs music at a variety of times when it isn't broadcasting spoken-word programming; The IIG Radio database suggests 9460 and 11885 as Turkish language frequencies. A good amount of music airs in the Voice of Turkey English language service; the 11655 service at 0300 UT was easily audible in a recent air check.
- the **Voice of Greece** has long aired considerable amounts of folk music in its broadcasts targeting North America. Check 7475, 9420, 15630, and 17705 (relayed by the VOA) for broadcasts targeting North America for significant hours of the day.

In general, if you're looking for music in local languages, a good reference is the "Voices From Home" section of *Passport to*

World Band Radio. This particular section of *Passport* lists broadcasts in the languages of the originating countries (e.g. German from **Deutsche Welle**). If you have your own personal favorites not shown here, please pass them along (using the contact information shown above) and I'll be happy to include them in an upcoming column.

Improved program availability from Australia's ABC

Every few weeks I browse the ABC's **Radio National** website to look for additional programs archived for on-demand listening. I browse the Radio National website since much of **Radio Australia's** content is produced by Radio National. Most of these programs are now archived; three of the latest additions are:

- **Ockham's Razor**, a weekly science-based lecture series, somewhat like the BBC's **Agenda** with a science twist, and also without interviewer interruptions or point-counterpoint distractions, at URL <http://www.abc.net.au/rn/science/ockham/default.htm>. Airtimes on Radio Australia are Sundays 0030 and 0630, and also on the ABC's **Radio National** live webcast Saturdays at 2245 and Mondays at 0415.
- **The Europeans**, which looks at political, cultural, economic and social developments across eastern and western Europe. It complements other overseas news and current affairs coverage by offering broader historical and cultural perspectives on European societies. It's at URL <http://www.abc.net.au/rn/talks/europe/europe.htm>. Airtimes on Radio Australia are Sundays 0000 and 0600 (after the news), and Sundays 0330 and Tuesdays 0415 on Radio National.
- **Lingua Franca**, which looks at all aspects of language, including old languages, modern languages and even invented languages. Through interviews and prepared talks, experts analyze a single topic of interest to users and lovers of language traversing such linguistic terri-

tory as bilingual education, ebonics, the language of pornography, and the political use of words. **Lingua Franca** is at URL <http://www.abc.net.au/rn/arts/ling/>. Airtimes on Radio Australia are, and also on the Radio National Saturdays at 0545, repeated the following Friday at 0415.

John Figliozzi's biweekly program highlights posted to various shortwave news and e-mail groups (including *swprograms*—see below) already show the '%' symbol indicating these programs are available on-demand, but I thought this development deserved additional mention!

Russian History

Maryanne Kehoe, in the *swprograms* group, reminds us that there's still time to listen to most of a new series on the **Voice of Russia** program **Moscow Yesterday and Today** regarding the development of private enterprise in Russia over the past millennium. The program will profile the brightest representatives of the Russian business elite, what kind of persons there were, how they managed their businesses and also about their private life. **Moscow Yesterday and Today** airs Mondays at 0830 UTC, with repeats on Tuesday at 1530, on Wednesday at 0430 and 1730, on Thursday at 0230 and 0530, on Friday at 0730 and 1430, and on Sunday at 0130.

September 11th Remembrances

I suspect many broadcasters will air special features on the one-year anniversary of the terrorist attacks on New York and Washington.

As of this date, here are the plans I'm aware of:

BBC World Service

Saturday, September 7th, 1700 UT—a special two-hour **Talking Point** airs, entitled **Living with Terror—The World Speaks**, co-hosted by the BBC World Service and the USA's Public Radio International. Robin Lustig, well-known host of news programming on the domestic BBC Radio 4 service

as well as the BBC World Service, will host the program. Get your questions to the BBC on 011-44-208-749-5353 via phone, or 011-44-7736-100-100 via SMS.

Sunday, September 8th, 1400 UT—a special edition of *Talking Point*, originating in New York, will be hosted by Robin Lustig with joint production from the BBCWS and PRI. A repeat will air to the Americas at 0805 UT.

Sunday, September 8th, 1800 UT—a special two-hour program, *Living with Terror—America Speaks*, also co-hosted by the BBC World Service and PRI, will air. Audiences in Los Angeles, rural Minnesota and Boston will participate.

Also, the BBC World Service will also be airing 12 hours of special programming from 1100 UT September 11th through 0100 UT September 12th, hosted by Robin Lustig and Heather Paynton.

There was no mention of special frequencies for any of this programming in *BBC On Air*, but you should check your favorite electronic sources of shortwave information for any changes.

There are other programs with themes related to last year's terror attacks; these are covered in the BBC highlights section below.

Radio Canada International

On Sunday, September 8th, RCI will broadcast a special edition of *Cross Country Checkup*, a weekly live intelligent (non-confrontational) call-in program, simultaneously with CBC Radio One on the occasion of the first anniversary of the terrorist attacks on America. The program will be transmitted on shortwave frequencies 9800 and 15375 kilohertz to the Eastern and Central United States and to the Caribbean from 2000 to 2200 UTC. (from Maggy Akerblom at RCI)

Voice of Russia

There will be some 9/11-oriented programming on the September 6th *You Write to Moscow* letters program, hosted by Olga Troshina. Repeats will air September 7th through 9th.

Radio Australia

Roger Broadbent advises me of the following special programming on September 11th and 12th on Radio Australia:

First, on September 11th:

0130, 1030 and 2130 UTC: *The Religion Report* will be devoting its entire program to effects of the terrorist attacks.

0210 and 0810 UTC: *The World Today* and *PM*, Radio National's noontime and evening current affairs programs, will devote their entire broadcasts to the events of September 11th, 2001 and their aftermath.

1005 and 1105 UTC: *Asia Pacific* will focus on the impact of the attack across the Asia/Pacific region with particular emphasis on Southeast Asia.

1130 UTC: Radio Australia will be joining the ABC's Metropolitan network for a three hour special originating live from New York City.

Also, at 1005 and 1105 UTC on September 12th, *Asia Pacific* will focus on religious extremism in Indonesia and feature an interview with the Islamic cleric who allegedly has links to al-Qaeda.

Other BBC World Service Highlights

Saturdays, 1405: *Sportsworld* has long been a three-hour fixture of Saturday programming on the BBC World Service, and this program became more difficult to hear via shortwave when the BBC ceased using the Sackville, Canada-based 9515 kHz morning (USA time) transmission last July. *Sportsworld* is blocked from the live BBC based webcast due to apparent air rights issues stemming from the frequent commentary from live sporting events in progress. If you have access to a decent Internet connection, there is a way you can listen to *Sportsworld* via the web: Via the Australian ABC's *NewsRadio* network, which webcasts its programming live. Visit NewsRadio at URL <http://www.abc.net.au/newsradio>.

Saturdays, beginning September 7th, 0130 with a repeat Tuesdays 1530: **The Diplomatic Jigsaw** is a special four-part 30-minute documentary series telling the story behind the international coalition established in the wake of the September 11th attacks. Edward Stourton, a BBC journalist for more than 20 years, talks to key people behind this major realignment in global diplomatic relations and looks at the impact of recent Middle Eastern violence and other changes in international relations in the year since the terror attacks.

Weekdays, beginning Monday, September 9th, 1345 and repeated the following day at 0345, for four days: **Off The Shelf** airs *Last Man Down*, a first-hand account by Richard Picciotto, a New York City firefighter who became trapped in the WTC's North Tower on September 11th. He had led a crew up to the 35th floor and then retreated, aiding office workers on the way down. His crew reached the 7th floor when the tower collapsed, but amazingly the crew survived.

Thursdays, beginning September 12th, 0130, with a repeat Fridays, 1530: **Sports International** features a special three-part series entitled *Back From The Brink*. This series will profile sports heroes in the truest sense of the word—for example, Gail Devers, the sprinter who recovered from a career-threatening illness to win Olympic Gold, and Niki Lauda, whose Formula One racing career seemed to abruptly end when a crash turned him in a human torch, but who won the World Championship less than one year later.

Saturdays, beginning September 21st, 0305: **Brain of Britain** returns for its annual 17-

week run. Robert Robinson returns as host, but Mycroft—the pseudonym of Ian Gilles—passed away earlier in 2002. He'll be replaced by Kevin Ashman, who is eminently qualified to ask the questions: He's a former Brain of Britain himself.

Don't Forget Electronic Information Sources

As I've lamented before, broadcasters rarely plan their programming far enough in advance for meaningful program previews in the *Easy Listening* column; the BBC World Service is the notable exception.

Even if all you have is access to Internet based e-mail at a public library or on an e-mail specific appliance, you can still obtain shortwave programming information by joining the *swprograms* e-mail based discussion group. I suspect we'll have updated information regarding programs remembering last year's terror attacks and their aftermath; you can also join in a regular mix of program previews and commentary relating to shortwave broadcasting and other public radio broadcasting of wide interest. To join the group, send a blank e-mail message to swprograms-subscribe@topica.com.

There's also the NASWA Flashsheet e-mail, distributed by supreme NASWA potentate Rich D'Angelo; I'll summarize this information (along with any updates) in the Flashsheet as well.

See you in October!

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

Special Report: Shortwave Broadcasts From Cambodia and Myanmar

By Bob Padula, Koh Samui, Southern Thailand

For the past three weeks (July 2002), I have been travelling in Indo-China, visiting Cambodia and Laos, as well as Central and Southern Thailand, on small-group "adventure" tours operated by the Intrepid and Travel Indochina organisations. The climate has been fiercely hot, with daytime maxima in excess of 40 degrees c, and extremely high humidity.

My groups stayed at Siemreap (in the far west of Cambodia—well-known for the superb Ankar Wat, and other temples dating back over 1000 years); Phnom Penh (the Cambodian capital), in Vientienne (the Lao capital); in Luang Prabang (the heritage city in Northern Laos); Bangkok, and from here in Koh Samui (Southern Thailand).

We traveled by plane, mini-bus, boat, car, truck, cycle, motor-bike, bicycle and all sorts of localized transport, mingling with the people and learning many interesting things about the history, cultures, and activities of the countries visited.

In two days time I will be flying to Zurich, then to the Czech Republic, and through Norway and Sweden to Finland, where I will attend the annual conference of the European DX Council in Pori. My return to Australia will be via Calgary and Vancouver, and I will back in Melbourne on August 28.

In between the extensive travelling, I have been able to make some detailed observations of domestic HF radio activities of several Indo-China countries, using the Sangean 808 radio, and the results are surprising, with many of these HF services now in a

state of rapid decline, being subsumed by the more efficient VHF technology.

Cambodian Shortwave Radio

The Cambodian Radio no longer has a specific external service. Twice each day, a 75-minute service in English, French, Thai, Lao and Vietnamese (15 minutes for each language) is broadcast from 0000–0115 and 1200–1315, using the single frequency of 11940. No medium-wave channel could be found for either transmission, even though 1260 is listed in some sources. Commencement time varies, and some days the morning service is the air as early as 2350 (6.50 am local time)

These services are intended for foreigners in Cambodia (there is no Cambodian segment) and consist mainly of vocal and instrumental contemporary music, generally old Western songs, and modern Thai/Lao/Vietnamese pieces. There are very few announcements. Some transmissions do not have any announcements at all!

Modulation quality is terrible, with bad audio distortion, and there is severe frequency drift down to 11937 at times. Signal level is very weak, even in the Phnom Penh area. The morning service experiences severe interference from CRI on 11945. The service is audible in Laos and Thailand, subject to the above constraints, but it is questionable whether an audience actually exists!

It would appear that the service was originally only on MW and then extended to SW. There was a frequency of 9695/9693 used many years ago, believed to be from the same technically unstable transmitter.

The transmitting site for this service is adjacent to the unsealed bumpy road leading to the Genocidal Memorial and Killing Fields, about 2 km from the centre of Phnom Penh. The site also contains the 200 kW MW transmitter on 918, which is a vertical radiator. The site also has several curtain arrays, one of which appears to be used for 11940. It is not known what the other arrays are used for, if they are used at all.

The 918 mast actually rises from a swamp, and the HF installation is surrounded by a high stone wall, much of it crumbling. The site buildings looked very old and under-maintained.

So, that is a little story about the Cambodian National Radio sw service, which appears to be almost extinct!

Shortwave Broadcasting from Myanmar

sw broadcasting from Myanmar is confined to the single Government-controlled station, located at Yangon, the capital, and to the Defence Forces Broadcasting Unit, operated by the military.

Myanmar Radio and TV:

Two transmitters are in use, and operate to this schedule:

Main Network:

0030-0245 7185

0330-0800 9730

(On Saturdays, Sundays, and holidays, 9730 is used from *0245-0800*)

0800-1600 5985 (sign-off time varies each day, and may be anywhere between 1500 and 1600)

Minority Language Network:

0930-1600 4725 (sign-off time varies between 1500 and 1600)

The Main Program is essentially in Burmese, with English 0200-0245 on 7185. The English features are presented by professional announcers trained in the United Kingdom, with annunciation being distinctively "British"!

A recently introduced daily feature in French is noted 1000-1010 on 4725, consisting of news about the India-China region, emphasizing political events in Vietnam.

The unusual timing of these services is due to Myanmar being on UTC+6.5 hours, in contrast to UTC+7 for neighbouring areas. All four HF channels are well heard across Indo-China, and technical transmission quality is very good.

Defence Forces Broadcasting Unit:

This uses the single frequency of 6570 and is noted for evening transmissions only, in the period 1300-1400. It may operate at other times, but unheard.

DX Target: Voice of Tatarstan

An Exotic Voice from the Republic of Tatarstan

By Richard A. D'Angelo

The Voice of Tatarstan, or Tatarstan Awazy, provides news and information about events in the Republic of Tatarstan. However, hearing this exotic shortwave broadcaster is not an easy task. Shortwave broadcasts

are through facilities located in nearby Samara and broadcast hours are not during prime listening periods in North America and Europe. Direct reception is not possible on shortwave, nevertheless, the Voice of Tatarstan provides an excellent listening target for the DXer.

Before getting into details about the station, let's take a look at the history, the geography, the people, the economy and the current political situation of the Republic of Tatarstan.

History

The first settlements in the territory of the Republic of Tatarstan date back to Paleolithic period (about 100,000 years ago). In the 8th and 9th centuries, the tribes of ancient Bulgars, ancestors of the modern Tatars, began to populate the Volga region. The first state, the Volga-Kama Bulgaria, was set up at the end of the 9th/beginning of the 10th centuries, which was the first feudal state in northeastern Europe. In 922, Islam was established as a state religion.

In the 13th century, the territory of the Volga-Kama Bulgaria was annexed to the Empire of Chenghiz-Khan and then became a part of powerful Zolotaya Orda (Golden Hord) State. The collapse of the Golden Hord in the 14th century resulted in formation of a number of new states including the Kazan Khanate. Kazan became the capital of the newly formed state. Ivan the Terrible conquered the Empire of the Kazan Khanate and incorporated it into the Russian Empire in 1552. The Tatars made numerous attempts to throw off Tsarist rule, they did not succeed. After the Bolshevik Revolution, the Tatar-Bashkir Autonomous Soviet Socialist Republic was set up within the Russian Federation.

Geography

Today the official name of the state is the Republic of Tatarstan, still within the Russian Federation. The Republic of Tatarstan is located on the eastern frontier of Europe in the middle of the Volga-Basin at the confluence of the Volga and Kama rivers. In the north, it borders Udmurtia; in the west, Mari and Chuvashia; in the east, Bashkortostan; and in the south, Samara Region. Tatarstan has an area of 68,000 square kilometers. The Republic extends some 290 kilometers north to south and

460 kilometers west to east. Tatarstan has no borders with foreign states.

The territory of the Republic is a plain, which lies in the forest and forest-steppe zone with small hills on the right bank of the Volga and in the southeast of the Republic. Ninety per cent of the territory is 200 meters above sea level. Local fauna is represented by 430 species of vertebrates and hundreds of species of invertebrates. The climate is moderate-continental. Droughts are occasional. Average temperature of the coldest month (January) is -13°C, of the warmest (July) +19°C. Annual average amount of precipitation is 460-520 mm. The vegetation period is about 170 days.

Until 1552 Kazan had been the capital of Kazan Khanate, later it became the capital of Tatar Autonomous Soviet Socialist Republic. Today, Kazan is the capital of the Republic of Tatarstan. The territory of Kazan City stands at 425 square kilometers populated by about 1.2 million people. The citizens of the capital are representatives of more than 101 nationalities. Kazan in Tatar means cauldron. The name reflects the raging and dynamical history of the city.

People

The population of Tatarstan is 3.7 million, of which 48% are Tatars and 43% Russians. Only 23% of Tatars live in Tatarstan. The Tatars descend from nomadic tribes that migrated westward from southern Siberia between the 10th and the 13th centuries. The term, Tatar, refers to a people with roots from three main ethnic groups of Turkic origin. The official languages are Tatar and Russian.

Since the end of the 7th century, the predominant ethnic group is the Turkic-speaking people. Multicultural contacts with the Russian State influenced both the Tatars and the Russians in culture, language and other spheres. The Tatars assimilated from the Russians agricultural methods, specific construction methods, certain crafts and many social institutions. Some Russian noble families traced back to Tatar origin.

Economy

Tatarstan is economically a very important region. Main resources include crude oil, land, and water. The republic possesses high scientific and intellectual potential. Key industries are oil production and petrol chemistry, aircraft industry, mechanical engineering and instrument making. The region produces oil, gas and has many highly developed industries for machine-building products such as heavy trucks and bombers. Its economic and strategic value is possibly the primary reason for the special position of Tatarstan within the Russian Federation.

The main wealth of Tatarstan is crude oil. Its biggest oil deposits are the oil fields located in the Southeast and the Northeast of Tatarstan. The first industrial oil deposit was discovered in July 1943; industrial exploitation started in September, 1946. Along with crude oil, gas is extracted. Among other fuel resources, Tatarstan possesses brown and black coal, combustible slates and peat.

Казань. Национальная библиотека РТ.

Dear listener, Richard A. D'Angelo
We verify your reception report
Date: September, 16th 2001
Time: 04.00 - 04.58 UTC
Frequency: 11665 kHz
Transmitter: via Samara -city
VOICE OF TATARSTAN
QSL Manager: 165 (Ildus Ibatullin)

© ТТЖИ. Казань, Декабристов, 2. 1999. Зас. О-979.

Фото Ю. Фелицикина

Kazan is the main economic center of Tatarstan. Thirty-five percent of the population is employed in economic activity concentrated in Kazan. One hundred and fifty-one large and medium-size companies are situated in the city. Main branches of industry are automotive, chemical and petrochemical, light and food industries.

About 48% of goods produced in Tatarstan are sold inside the Republic, about 31% are sold in Russia and the remaining 21% are exported.

Electronic mass media is developing very quickly in Tatarstan. Sixty-five television companies, radio-stations, electronic systems, video-programs, television information agencies are registered in the Republic. Twenty-three television stations are operating, including five in Kazan. There are thirty radio stations in Tatarstan, 14 of them in Kazan.

Current situation

The Republic of Tatarstan is a democratic constitutional state associated with the Russian Federation by the Constitution of the Russian Federation, Constitution of the Republic of Tatarstan and Treaty Between the Russian Federation and the Republic of Tatarstan.

Tatarstan became the first of the autonomous



republics to adopt a declaration of sovereignty in 1990. However, this declaration was not recognized by the Russian Federation. In 1992, the Tatarstan government organized a referendum on the sovereignty of Tatarstan. Sixty-one percent voted in favor of state sovereignty and adopted its

Richard A. D'Angelo
Wyomissing
USA

own republican constitution. In 1994, the presidents of Russia and Tatarstan signed a bilateral power-sharing treaty on behalf of the Russian Federation and the Republic of Tatarstan, respectively. The treaty recognizes extensive self-government rights of Tatarstan, beyond those enjoyed under the Russian Constitution, however, it

falls short of recognizing state sovereignty. By 1995, the economy of Tatarstan began to improve and the standard of living in Tatarstan is higher than in other parts of the Russian Federation.

The positive developments started in 1995 continue. The special status of the Republic within the Russian Federation is probably one of the reasons for the growing economy in Tatarstan. The republic has actively taken part on behalf of the Russian Federation, in delegations that carried out work for the UN, the Council of Europe and several international organizations.

The Station

Radio Tatarstan's external service, Voice of Tatarstan ("Tatarstan Awazy"), started on 1st August 1997. The shortwave frequencies are relayed from a high power transmitter at Samara and have been confirmed by various worldwide monitoring observations. The Voice of Tatarstan international service is mostly in the Tatar language. Although programming is mainly in the Tatar language, news bulletins in the Russian language are carried in most weekday broadcasts. A full Russian language broadcast has been carried on Wednesdays during the 3rd transmission and on Thursdays during the 1st and 2nd transmissions.

You may be able to identify the station by its Tatar and Russian language identification announcements. In Tatar it is, "Efirda Tatarstan Awazy." In Russian, the identification is, "v efire Golos Tatarstana."

The Voice of Tatarstan provides up-to-date information about events taking place in the Republic of Tatarstan. The station broadcasts political and cultural news, literature features, and interviews with prominent people, and folk music. Broadcasts go out three times a day. During the summer transmissions can be heard from 0400-0500 UTC on 11,665 kHz beamed to the Far East; from 0600-0700 UTC on 9,690 kHz beamed to the Urals, Western Siberia, and CIS; from 0800-0900 UTC on 11,925 kHz beamed to the European part of Russia and Northern

Europe. During the winter transmissions can be heard from 0500-0600 UTC on 15,105 kHz beamed to the Far East; from 0700-0800 UTC on 15,105 kHz beamed to the Urals, Western Siberia, and CIS; from 0900-1000 UTC on 11,915 kHz beamed to the European part of Russia and Northern Europe. The latter transmission is relayed on 252 kHz for Tatarstan and neighboring regions. The shortwave broadcasts are relayed via the nearby Samara transmitting site but the longwave signal comes from Kazan itself.

The Voice of Tatarstan is a very good verifier of listener reception reports. For a brief period of time after the events of September 11, 2001, the station was reluctant to receive postal mail. However, things are returning to normal so postal mail is once again being accepted from overseas listeners. Unfortunately, due to the lack of funds, the station asks its listeners to help compensate the costs of printing and the mailing of QSL cards. The return postage requirement is a modest one IRC for Russia and CIS states, and two IRCS (or US\$1.00) for the rest of the world. Alternatively, listeners in Russia may send mint stamps (3 x postage price of ordinary internal letter). English language reports can be sent to Ildus Ibatullin, the QSL Manager, at the following address:

Voice of Tatarstan
QSL Manager
P. O. Box 134
Kazan
Tatarstan 420136
Russia

The station also introduced an honorary diploma. To receive it, applicants must send in 12 correct reports during a year. The diploma costs 2 IRCS for Russia, and 4 IRCS for abroad. Direct your applications to the above address. You will receive an information sheet about the diploma in the QSL response to your first reception report.

Remember to send in those Voice of Tatarstan logs to Electronic Flashsheet editor Sheryl Paszkiewicz and Wallace Tribel for the *Log Report* and those interesting QSL verifications to Sam Barto for inclusion in the *QSL Report* column. Good luck with this DX Target.

Radio St. Helena Open Letter to Shortwave Listeners

By Tony Leo

On October 6, 1990, Radio St. Helena made its international shortwave broadcasting debut on 11,092.5 kHz principally thanks to the efforts of two Swedes, John Ekwall and Jan Turner. The initial broadcast was followed by annual transmissions each October making this much looked forward to event a regular occurrence each DX season. Unfortunately, this "good thing" had to come to an end with the final transmission on October 23, 1999. After close to a 1,000-day wait, QSL verifications finally arrived from St. Helena commemorating this final broadcast. Some QSLs were appropriately marked "final transmission" while many others were simply verified using the standard Radio St. Helena map card. Nevertheless, each card came with a two-page letter from Station manager Tony Leo that provided a brief history of the Radio St. Helena shortwave experience. The following are Tony's words as contained in that final letter. [Rich D'Angelo]

I write this letter with sadness in my heart. I know all too well that this will be the last time for me to speak to many of you over the airwaves of Radio St. Helena.

"Radio St. Helena Day" as it was called, was started in 1990 and was well received by thousands of listeners from all over the world. It is hard to believe that ten years have passed already.

I find it so difficult to turn my back on the friends we have met over the airwaves during this time, but I had to come to terms with the situation as I watched the Transmitters being switched off and disconnected for the very last time.

Radio St. Helena owes its gratitude to our friends in Sweden for initiating the idea in the first place. Our broadcasts certainly made quite an impression on the whole world. All who enter our studio can see hung proudly on the wall, a "diploma" dated 17th May 2000,

that was presented to us from the Finnish DX-Association, as an acknowledgement for our outstanding impact on International DX-hobby. As organizer of the short-wave radio program, and presenting the material on a number of transmissions, I can thoroughly say that I have enjoyed every moment of it, especially when the phone calls came in from all over the world. These are moments I shall never forget. To remind us of the contacts we have made throughout the years, our walls are covered with postcards from listeners in all parts of the world. My wish is that Radio St. Helena can return to the World Wide Airwaves at some stage, with a special transmission for special people like you, who have been very patient and understood the difficulties that surround a short wave transmission from St. Helena.

Thanks you also for entering our CD Lottery and Competitions over the years. This part of the transmission was well received and gave all the opportunity of learning more about St. Helena.

Following the final broadcast on 23rd October 1999, we have received 727 reception reports. This included 233 e-mail reports. Thirteen listeners entered the competition and the lucky winners are as follows: H. Poortviiet of Postbox 583, 3700 AN ZEIST, The Netherlands. He will receive a First Day Cover of a special stamp issue from St. Helena. The second prize has been won by Guido Schotmans, Sluitberg 6 Bus 4, B-2170 Merksem, Belgium, Europe who will receive a book written about the History of Plantation House, the Official Residence of the Governor of St. Helena. Our third winner is Patrick Travers, 49 West Bank Drive, South Sheffield, England S25 5JG. Patrick will receive a pot of St. Helena's Famous Honey. The fourth prizewinner is Gary R. Neal, 7410 Orchard Hills Lane, Sugar Land, TX 77479-6122, USA. Gary has won a St. Helena Video Tape.

All prizes will be posted as registered mail from St. Helena and I hope they reach their destinations intact.

Finally, I would like to give praise and gratitude to a small team of people in Sweden—John Ekwall, Jan Turner and Lennart Deimart, for their initiative in setting up and organizing Radio St. Helena Day Transmissions and the Web Page. It has certainly been a bonus for our tourism industry.

I also owe thanks to Cable & Wireless PLC, for running their transmitters on the day

of each transmission for the past ten years. The success of such transmissions, on the scale that they were done, was the result of much planning by the dedicated staff of Radio St. Helena. I can tell you that without a doubt they thoroughly enjoyed these events.

I hope the accompanying QSL card will find a special place in your collection.

Yours very sincerely

Tony Leo, Station Manager



WELCOME TO THE FOLLOWING NEW MEMBERS

GARY WEBBENHURST, Colbert, WA
GERALD L. RAGLAND, Franklin, OH
WILLIAM RAMPAUL, New York, NY
TERRY BETZER, Laurel, MD
ROBERT H. YOUNG, Chula Vista, CA
PAUL R. BARBEN, Watertown, NY
DONALD McQUEEN, Lake Havasu City, AZ
FLORENCE A. ERICKSON, Bogota, NJ
JEFFREY FLECK, Hollidaysburg, PA
JON L. WILLIAMS, Indianapolis, IN
HUGH C. MADDOCKS, Reston, VA
ROGER STACY, West Chester, PA
DVID L. STERN, Cold Spring Harbor, NY
FERNANDO QUINONES, Seldon, NY
DAVID BUTTARS, Park City, UT
FRANCIS A. CAPUTO, Elmont, NY
W. R. HAMLIN, Astor, FL
TOM O'HARE, Spokane, WA
SALLY MORTON, Pittsburgh, PA
GARY M. VAN FLEET, Woodland Hills, CA
MCKINLEY JOSEPH, Las Vegas, NV
JOE DION, Riverbank, CA
HUEY MCKELLER, Dacula, GA
BERNARD COLO, Medway, MA
ALFRED G. STEINMETZ, Clifton, NJ
ROB HEINLE, JR., Pipersville, PA
ROBERT FARNELL, Vienna, MD
JOHN RUDE, Illiopolis, IL
STEPHEN J. LEITE, Fall River, MA
WILLIAM S. HAYES, Chicago, IL
PAUL F. COLEMAN, San Diego, CA
CHARLES DUPONT, Lynn, MA
WAYNE JUNOP, Palmer Rapids, ON, CANADA

Adrian Peterson's Diary

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

The Big 400! The Story of AWR DX Programs

Today marks an important milestone for Adventist World Radio and for our DX program, "Wavescan." This is the 400th edition of "Wavescan," and I wonder if there is anybody out there who has heard every one of these 400 editions during the past more than 7 years?

As we look at this milestone event, 400 editions in "Wavescan," let's go back over the past 30 years and examine all of the many DX programs that have been on the air from Adventist World Radio. Statistically, there have been 9 different DX programs in 4 different languages—English, French, Italian and Spanish—with a grand total of more than 3,200 editions during the past 30 years.

The first broadcast of a DX program from Adventist World Radio went on the air from AWR-Europe on November 5, 1972. The script was provided by the "World DX Club" in England and it was read on air by Dr. Allen Steele. This DX program was on the air for 20 years with more than 1,000 editions.

A French version of the same program "World DX News" was on the air every second week from AWR-Europe around the same era, and this continued for nearly five years.

Soon after the introduction of "World DX News" from AWR-Europe, I was asked to commence a DX program for listeners in Asia and this went on the air on June 1, 1975. It was always a joint production between the Sri Lanka Broadcasting Corporation and Adventist World Radio.

The first editions of "Radio Monitors International" were recorded in the SLBC studios in Torrington Square, Colombo, though later

in that same year production was transferred to the AWR studios in Poona, India. This program was on the air for a period of 10 years, though re-runs were noted on some stations for perhaps two or more years.

In addition to the main edition of "Radio Monitors International" which was on the air shortwave, mediumwave and FM from the Sri Lanka Broadcasting Corporation, there were two additional versions. For a period of time, "Radio Monitors International" was also on the air during a series of AWR test broadcasts to Africa. This special series of programs was on the air shortwave from AWR and SLBC in Colombo, Sri Lanka.

A North American edition of "Radio Monitors International" was on the air from shortwave stations in the United States, the Caribbean, and Europe, through the courtesy of Jeff White and his Radio Earth as it was at the time.

An Italian DX program made its debut at the beginning of the year 1987 under the title "Radio Magazine." This program was aired at first every week, though in more recent time it has been heard every second week. The Italian language "Radio Magazine" has been prepared for many years by Dario Villani.

Back in the year 1985, a new DX program in the English language was launched by Greg Scott at AWR-Asia, KSDA in Guam. At the time, he was Program Director with KSDA, though these days he is a Senior Vice President at the AWR headquarters near Washington DC in the United States. His DX program, "DX AsiaWaves," gave way to the current AWR DX program, "Wavescan," at the beginning of 1995.

Initially, the early editions of "Wavescan" were produced locally at several different locations, including AWR in Europe, as well as at WRMI in Miami Florida, Guatemala City in Central America, Costa Rica, the Dominican Republic, and Guam. For a short period of time, the "Wavescan" scripts were also translated into Spanish for broadcast over several stations in Latin America.

The scripts for "Wavescan" have always been researched and written in Indianapolis, though for several years now they have been centrally produced at the AWR studios in a country area near London in England. This program is on the air globally via shortwave,

and of course, it can also be accessed from the AWR website. The "Wavescan" scripts can be accessed at the Jerry Berg website <<http://www.ontheshortwaves.com>>

We would like to thank you, our listeners, for the thousands of letters and reception reports that you have sent to "Wavescan" from every part of the globe. We appreciate also the input from our listeners for many very interesting and very significant items of radio news and information. We are grateful too to the many reporters in different countries who provide regular DX reports for inclusion in "Wavescan."

The Story of Radio in Jamaica

(from Paul Ormandy in New Zealand)

Some time back, Paul Ormandy came across a website that contained an article on the history of radio broadcasting in Jamaica. This article is no longer available on the website, jamaica-gleaner, so Paul sent this item to us by E-mail. We edited this item for use on radio, and this is what it says:



Some fifty years after its inception, radio is still the most powerful medium in Jamaica. It is claimed that more than two million of the island's 2.5 million people listen to the radio regularly.

Almost everywhere in Jamaica you can hear the sound of music and the human voice coming from a radio receiver. On street corners, in restaurants and offices, in fact anywhere people are gathered together, there you are likely to hear the sound of a radio.

The story of regular radio broadcasting in Jamaica goes back to the year 1939 when an amateur radio operator went on the air shortwave with wartime news and information for a half hour broadcast once each week. The station was licensed under the amateur callsign VP5PZ (VP5P Zed) and it was located in the home of the owner, John Grinan on Seaview Avenue.

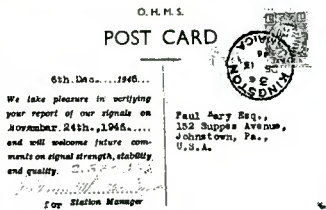
During the following year, 1940, Grinan negotiated with the colonial government to set up an official radio station, and thus his amateur unit, VP5PZ, became the

more familiar ZQI. This station was on the air from the same location and on shortwave until the year 1956. It is estimated that about 100,000 listeners tuned in to ZQI on a regular basis even though imported radio receivers were very

expensive in Jamaica at the time.

Ten years later, on July 9, 1950, the whole radio service was re-organized as a commercial service, Radio Jamaica Rediffusion RJR. Mediumwave transmitters were established at four different sites in order to give full radio coverage to the entire island.

Actually there was an earlier radio station in Jamaica that was on the air occasionally with radio programming on shortwave, and this was the communication station operated by Cable & Wireless under the callsign VRR. On some occasions, both ZQI and VRR



were heard in parallel with the same programming, usually test cricket matches between Jamaica and another country.

Programming could be tuned in over the air on a radio receiver or by wire in an early form of cable radio. The program format at the time was modelled on the style of the BBC

in England, though there were also many inserts of local Jamaican programming.

These days Jamaica is on the air from five different mediumwave

sites, all rated at 10 kw, as well as from nearly 50 FM transmitters spread right across the island.

O.H.M.S.
POST CARD



26 SEPT. 1948
We take pleasure in verifying your report of our signals on 4.95 Mc. (K1WJAM5PZ) at 7.30-10.00 AM EST.

Mr. Paul Kury
183 Suffolk Ave.
Johnstown
Pennsylvania
U.S.A.

ZQI

KINGSTON - JAMAICA
BRITISH WEST INDIES

4.95 MC. - 21.00 - 22.30 GMT.
3.48 MC. - 00.30 - 03.00 GMT.

JAMAICA BRITISH WEST INDIES
FORMERLY VP5Z

ZQI

Owned and operated by the Government of Jamaica, transmitter located in Kingston, Jamaica, the largest city in the British West Indies.
On the air every weekday, 5.30 to 4.30 p.m. E.S.T.
Frequency 4.1 mc., Power 200 w.

gives also the original amateur callsign, VP5PZ. The shortwave transmitter at ZQI was rated at 200 watts.


Thank you, Paul Ormandy in New Zealand, for providing this interesting information for use in "Wavescan."

O. H. M. S.
POST CARD



Dec 31 1948
We take pleasure in verifying your report of our signals on December 19, 1948... and will welcome future comments on signal strength, stability and quality.

Mr. Roger Legge
20 Beakdown St.
Binghampton
New York
USA

Courtesy of the Committee to Preserve Radio Verifications, here are three QSLs from ZQI, Jamaica. The 1940 and 1946 cards make reference to the predecessor amateur station VP5PZ, as explained in the article. And on the 1940 card, might that be the signature of John Grinan who is mentioned in the article? 

This month's cover:

Long ago, when I was a small boy, the NASWA Journal was called "FRIENDX". In 1981, some restless young members, lacking the video games and computers that today's youths use to burn off excess mental energy, decided to do a parody of FRIENDX. The result was BLANDX, one of the most humorous items to come out of the hobby. Every one of the FRIENDX columns was skewered; nothing was missed. Particularly interesting was the article on the Bleene RM7-B, only the second Kenyan radio on the American market with instructions in "easy-to-read Swahili".

Bill

NASA Awards

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

Award Requirements and Recipients

I wish to congratulate the following award recipients on a job well done. Please keep up the good work. Over the next several columns I will highlight award requirements in order to stimulate interest.

Joe Kenneth Wood of Gray, TN
Pirate DXer

Jerry Klinck of East Aurora, NY
Master Soviet Sphere DXer
Senior China DXer

Arab World DXer is for verification of at least one shortwave broadcast station in each of 15 broadcast countries that uses Arabic as the major (first or second most common) language. The following are the broadcast countries and a partial list of stations that are eligible for obtaining this award:

Africa

Algeria

Radio Algerienne

Djibouti (*Afars and Issas*) (*French Somaliland*)

Egypt

Radio Cairo

Libya

Radio Jamahiriya

Mauritania (*French West Africa*)

Morocco–French (*French Morocco*)

Radiodiffusion–Television Marocaine

VOA Morocco from Breich

Morocco–Spanish (*Spanish Morocco*)

Radio Medi Un from Nador

Morocco–Sahara (*Spaniah Sahara*)

Morocco–Tangier (*Tangier*)

VOA–Tangier (defunct)

Somali, Dem, Rep–British (*British Somaliland*)

Somali, Dem, Rep.–Italian (*Italian Somaliland*)

Sudan (*Anglo Egyptian Sudan*)

Tunisia

Radio Tunisienne

Asia

Bahrain

Iraq

Israel (*Palestine*)

Kol Israel

Jordan (*Transjordan*)

Radio Jordan

Kuwait

Radio Kuwait

Lebanon

High Adventure Radio–Voice of Hope
(defunct)

Oman

BBC–British Eastern Relay Station
Radio Sultanate of Oman

Qatar

Saudi Arabia

Syria


United Arab Emirates–Abu Dhabi

UAE Radio from Abu Dhabi

United Arab Emirates–Dubai

United Arab Emirates–Sharjah

Yemen

Please feel free to contact me if you have any questions. Until next time. 73. 

Listener's Notebook

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AFGHANISTAN The US radio operation is currently using 864 kHz (5 kW) and 6100 kHz (1 kW), reports the Charlotte Observer. The station is run by the 8th Psychological Operations Battalion from Kandahar. The studio operates from a truck, concealed under a tent in a US military base. It operates 18 hrs a day in Pashtun and Dari. The purpose of the station is to gain popular support for the govt of Pres Hamid Karzai and for the ongoing US hunt for members of al-Qaida and the Taliban.

The 8th Psychological Operations Battalion is a subordinate unit of the 4th Psychological Operations Group. The Battalion, stationed in Fort Bragg, NC, is the functional broadcasting and loudspeaker component of the Group. It took over the broadcasts in March 2002, when EC-130E aircraft of the 193rd Special Ops Wing used in the Commando Solo II operation headed home. (DXing.info, Aug 19, via BDXC-UK/BC-DX/Bueschel-GER)

In an effort to provide the people of war-torn Afghanistan with a coordinated, easy-to-find and easy-to-identify 24-hour stream of news, features and mx in their native Dari and Pashto languages, the *Radio Free Europe/Radio Liberty's (RFE/RL) Radio Free Afghanistan* service and the Dari and Pashto Services of the *Voice of America (VOA)* have created a new joint program that was heard for the first time today on both SW and FM in Afghanistan. (RFE/RL Aug 4/BC-DX/Bueschel-GER)

Here is the revised IBB Dari/Pashtu schedule as it appears today on their web site. It seems I was correct in assuming that 15690 is WER - it had to be, at such strength! I also note that VOA is using DB 972 & 1143 which seems to be new???

RFE Dari

0000-0030	13810-IRA 12140-WER 9785-KAV 7430-IRA
0330-0430	17670-IRA 15690-IRA 12140-WER 9615-HOL
0730-0830	21680-IRA 19010-IRA 17690-UDO 15690-WER
0930-1030	21680-IRA 19010-IRA 17685-UDO 15690-WER
1330-1430	21680-IRA 19010-IRA 17685-UDO 15690-WER 15370-HOL(-1400)
1730-1830	15690-WER 12140-IRA 11705-HOL(-1800)/MOR(-1830) 9845-UDO
2330-2400	13810-IRA 12140-WER 9785-KAV 7430-IRA

VOA Dari

0130-0230	17670-UDO 15690-IRA 12140-IRA
1130-1230	21680-IRA 19010-IRA 17685-UDO
1530-1630	15690-IRA 12140-IRA 7235-UDO

RFE Pashtu

0230-0330	17670-IRA 15690-IRA 12140-WER 9615-HOL
0630-0730	21680-IRA 19010-IRA 17690-UDO 15690-WER
0830-0930	21680-IRA 19010-IRA 17685-UDO 15690-WER
1230-1330	21680-IRA 19010-IRA 17685-UDO 15690-WER 15370-HOL
1630-1700	15690-WER 12140-IRA 9845-UDO
1700-1730	15690-WER 12140-IRA 11705-HOL 9845-UDO
2230-2330	13810-IRA 12140-WER 9785-KAV 7430-IRA

VOA Pashtu

0030-0130	17670-UDO 15690-IRA 12140-IRA
1030-1130	21680-IRA 19010-IRA 17685-UDO
1430-1530	15690-IRA 12140-IRA 7235-UDO

(IBB website; Noel R. Green-UK, BC-DX Aug 5/Bueschel-GER)

ARGENTINA *RAE Radiodifusion Argentina al Exterior*, has from now the following NEW e-mail: rae@radionacional.gov.ar (Barrera-ARG)

CAMBODIA *Cambodian Radio* no longer has a specific external service. Twice each day, a 75 min service in English, French, Thai, Lao and Vietnamese (15 mins for each lang) is broadcast from 0000-0115 and 1200-1315, using the single freq of 11940.

No MW channel could be found for either transmission, even though 1260 is listed in some sources. Commencement time varies, and some days the morning service is the air as early as 2350 (6.50 am local time)

These services are intended for foreigners in Cambodia (there is no Cambodian segment) and consist mainly of vocal and instrumental contemporary mx, generally old Western songs, and modern Thai/Lao/Vietnamese pieces. There are very few annts. Some transmissions do not have any annts at all!

Modulation quality is terrible, with bad audio distortion, and there is severe freq drift down to 11937 at times. Signal level is very weak, even in the Phnom Penh area. The morning service experiences severe

interference from CRI on 11945. The service is audible in Laos and Thailand, subject to the above constraints, but it is questionable whether an audience actually exists!

It would appear that the service was originally only on MW and then extended to SW. There was a freq of 9695/9693 used many years ago, believed to be from the same technically unstable transmitter.

The transmitting site for this service is adjacent to the unsealed bumpy road leading to the Genocidal Memorial and Killing Fields, about 2 km from the centre of Phnom Penh. The site also contains the 200 kW MW transmitter on 918, which is a vertical radiator. The site also has several curtain arrays, one of which appears to be used for 11940. It is not known what the other arrays are used for, if they are used at all.

The 918 mast actually rises from a swamp, and the HF installation is surrounded by a high stone wall, much of it crumbling. The site buildings looked very old and under-maintained. (Bob Padula-THA/EDXP Jul 31)

CHINA Two ex UNID's heard at Mangaldan-PHL:

v6076.06 ... 6076.1 **Yushu PBS**, Quing Hai. Fade in at 1030 UT, past 1300 UT. Tibetan lang, few Chinese. I was also able to get an English ID! At the top of the hour TA, jingle ID, Tibetan ID. In English they mentioned "Junshu ... Quing Ha", not "Jusuh". NOT CRN1 progr as listed in dswci DBS. (Roland Schulze-Mangaldan-PHL, BC-DX July 4-11/Bueschel-GER)

6080 **Hailar Mengu-CHN**, in Mongolian. Fade in around 1150 UT, past 1300. ID at the top of the hour, TA, mx by female and male voices. Like hill tribe, native mx, very exotic sound. Native theatre radio play. (Roland Schulze-Mangaldan-PHL, BC-DX July 1-11/Bueschel-GER)

From mid August, **Sichuan PBS** on 6060 is s-off at 1300 on weekdays (probably at 1200 on Suns). On weekdays entertainment progs in Tibetan at 1300-1330, in Yi lang at 1330-1400, in Chinese at 1400-1600 have been omitted. (Takahito Akabayashi-JPN, BC-DX Aug 18/Bueschel-GER). **Voice of the Golden Bridge** (Jin qiao zhi sheng), the Tibetan/Yi channel of Sichuan PBS on 6060 kHz has started carrying Mandarin progs at 1400 UT, ethnic mxa at 1410, but of a different kind from the jamming stations. Heavy sideband CNR.

Voice of Pujang extended bc time, now from 1030-1558 UT on 3280, 4950, 5075/9705 kHz.

Voice of Jinling reduced sked, now only 1145 to beyond 1400 UT on 5860 kHz. **Fujian PBS** has reactivated on 2340 and 4975 kHz during local evenings (typically 1030-1600 hrs - my guess). (Richard Lam-SNG, Cumbre Aug 3/BC-DX/Bueschel-GER)

Voice Of Holy Tibet: besides in Tibetan they are noted in En in 0700-0715, 1100-1115 and 1630-1645 UT in freqs between 4900-4940 kHz, 9490 with \ in 6130. The freq between 4900-4940 kHz and the 1100 UT En program I discovered just yesterday (Aug 21). Mailing addr is: V. O. Holy Tibet, Foreign Affairs Office, China Tibet Peoples broadcasting Company, Lhasa 850000, P.R. of China. (Partha Sarathi Goswami-IND, DXLD Aug 25/BC-DX/Bueschel-GER) 5240 at 1630-1650* **China Tibet BC**, Lhasa. En program "Holy Tibet" told us the height of nearly every mountain peak in Tibet. Also \ 6130 7385. (Jari Lehtinen-FIN, hcdx Apr 12/BC-DX/Bueschel-GER)

CLANDESTINE - AFRICA Voice of the People has temporarily suspended its program at 1630 UT (the morning bc continues 0330-0430 on 7310).

Zimbabwe radio station "Voice of the People" bombed

Gunmen have tossed a bomb into a private radio station in Harare and a human rights activist has been arrested after pro-government forces in Zimbabwe continued to muzzle opposition voices.

No one was injured in Thursday's bombing of the "Voice of the People" offices shortly after midnight and no one immediately claimed responsibility for the attack against the radio station widely perceived to be anti-government.

Station head Faith Ndebele refused to speculate on who could have bombed the building, but said the culprit clearly was an enemy of free speech.

(Cris Chinaka, ZWE, Reuters - via Juan Jose Michelini, ARG, via Gabriel Ivan Barrera - ARG)

Radio Xoriyo [to ETH via DTK Juelich] 15530 *1630-1657* Noted with 1000 Hertz tone, then I.S. of instrumental mx, sign-on in Somali, with ID for 'Radio Huriyo, shab Ogadinya' by male spkr. Into Koran verse at 1632, followed with Political talks, instrumental mx ('Horn of Africa') with singers. Noted to 1657 sign-off with closing comments, ID and short Instrumental mx (I.S.) Clear with some noise. (Ed Kusalik-CAN, Cumbre July 19/BC-DX/Bueschel-GER)

15530 **Tigrean International Solidarity for Justice & Democracy / Radio Fithi** via Juelich 15530 *1558-1625*. Noted with sign-on with Instrumental mx/ I.S, then clear ID's for 'Radio Fit-hi', more mx (up-beat) into a political commentary in Tigrina by male spkr. Noted to 1625 with sign-off in mid-song. Signal gradually improved to rather good signals. (Ed Kusalik-CAN, Cumbre July 20/BC-DX/Bueschel-GER)

15530 *Voice of Ethiopian Salvation* *1600-1610 Noted with 1000 hz tone, then IS of Flute/Instrumental with several ID's in Amharic as 'Y' th ye Ethiopia Dimts(?)' by male spkr. Into marital type of mx, followed with political commentaries by male spkr. Signal quite noise and distorted at times (propagation?). (Ed Kusalik-CAN, Cumbre July 21/BC-DX/Bueschel-GER)

CLANDESTINE - ASIA Democratic Voice of Burma morning program now 2330-0030 UT on 9850 and 9760 kHz. (DemVoBurma, via BBCM via DXLD Aug 7/BC-DX/Bueschel-GER)
DemVoBurma via Rangitaiki relay 9500 kHz 1430-1530 UT. (wb/BC-DX/Bueschel-GER)

CLANDESTINE - MIDEAST A new station is *Sout al Watan/Voice of the Homeland*, seemingly directed at Syria. The evidence seems to indicate that a group called the Syrian Human Rights Committee (SHRC) is involved in these transmissions. All their broadcasting commentary scripts and materials of human right abuse in Syria can be found at their website <http://www.shrc.org>. (Fathi Aug 28/Cumbre DX/Johnson) Sked appears to be:
0330-0400 9950
1500-1530 12085 12115
Transmitter sites unknown.
(multitude of reporters and monitors)

CLANDESTINE - RUSSIA 9775 *Radio DAT*, Kazakhstan's first Clandestine radio station appears on shortwave. 9775 kHz, Radio DAT, 14/08/2002, 0110 UTC, Russian. ID : "Vy slushaete Radio DAT - svobodnoe radio dlya svobodnogo Kazakhstana..." (Alexander Mak-UKR, \ active_dx, RUS DX, Aug 15/BC-DX/Bueschel-GER)

Internet: <<http://datradio.com>> Radio DAT - independent radio of Kazakhstan. DAT in Kazakh means a demand to have a right to speak. Schedule: 0100-0200 and 1500-1600 UT on 9775 + Internet. (Pavel Mikhaylov, Moscow-RUS \ dx_bistro, RUS DX, Aug 15/BC-DX/Bueschel-GER) See <<http://datradio.com/indexeng.htm>> (resp. Russian version at <<http://datradio.com>>) for some more details, a.o. schedule:

On its website the station describes its mission as follows: "DAT Radio breaks the veil of the lies created in the Kazakhstan state media belonging to the Nazarbayev family. DAT Radio offers its radio waves to all democratic forces and independent journalists in Central Asia". According to the website, DAT in Kazakh means I demand a word. The station can be contacted by email: <info@datradio.com> A sample station identification in the audio section and more info in the DXing.info Community. (Aleksandr Mak on active_dx, via Vlad Titarev on DXplorer Aug 15/BC-DX/Bueschel-GER)

COLOMBIA 5590.4 *Radio Nueva Juventud*, Pasto, Narino. 0120-0200 Agosto 11 Musica de Hector Lavoe. "...continuamos a traves de Nueva Juventud..." (Rafael Rodriguez R., Colombia/Conexion Digital/Slaen-ARG)

6060.08, 0537-, *La Voz de Tu Conciencia*. very brief annts by a male, without ID. Frustrating as this is obviously them. At 0555 there is an En ID: This is the Voice of Your Conscience transmitting on 60 60 SW for Colombia and the world. You're listening to the Alcarvan radio system', then into Sp talk for the following 27 mins. Sp ID at 06:22. Noted the same Sp ID the following day at 0422, so this seems like a good time to check! No joy, though at 0522 on 23/08. Frequency has drifted up tonight to 6060.13. (Walt Salmaniw-BC-CAN, DXplorer Aug 22/BC-DX/Bueschel-GER)

CONGO - DEMOCRATIC REPUBLIC *Radio Candip*, broadcasting from Bunia in the northeastern Democratic Republic of Congo, was heard on the morning of 12 August for the first time since 5 August, on its regular shortwave frequency of 5066 kHz. (via BBCM/DX Listening Digest/Hauser-OK)

COSTA RICA *RFPI* has switched 7445 from USB to AM, first noted Aug 13 around 0545, and subsequently. This may mean that the antenna has also been moved to the higher 200 foot tower. No doubt they will be interested in reports of whether reception has improved, info@rfpi.org (Glenn Hauser, OK/DX Listening Digest/Hauser-OK)

ECUADOR *HCJB* will begin moving its SW transmitters and antenna to a new site near Ecuador's coast now that the City of Quito has signed an agreement to build a new airport just six miles from its facilities in Pifo. The agreement was signed on July 22nd. HCJB has approved Project SERVE (Santa Elena: Renew the Voice from Ecuador), a \$4.6 million four year project to move the international transmitter site to Santa Elena. HCJB has purchased a 500 acre site near the coast and initial bcs could begin as early as mid 2003. They plan to install 11 SW transmitters and 17 antennas. (HCJB website via DXLD, WDXC Contact, Jul 29/BC-DX/Bueschel-GER)

HCJB bcs to India are scheduled to end at the end of this year, from their location in Ecuador. They will be picked up by their facility in Kununurra, Australia. (Swopan Chakroborty-IND, Aug 25/BC-DX/Bueschel-GER) GERMANY

GUATEMALA 4052.5, *Estacion Educativa Evangelica "Radio Verdad"*. Received a letter some weeks ago from Dr. Edgar Amilcar Madrid, Director and Manager for the station, in which he says that the station has been hit by lightning. That destroyed some parts of the transmitter and they are now running 270 watts. He is looking for power transistors for the transmitter and he has been in touch with Omnitronix in Italy and with the subsidiary firm in the US. He also found out that the electronic diagram, supplied with the transmitter, was not the correct one.

Now he asks for reception reports to find out how the signal is with only half of the transmitter working. The address is: Estacion Educativa Evangelica "Radio Verdad", 4a Ave. 2-24, zona 1, Apartado No. 5, Chiquimula, Guatemala, C.A. He also says that they soon will start a program in English, "Back to Jesus Broadcast", at 0415 UT every day (Claes Olsson, Sweden, Cumbre DX August 2/DX Listening Digest/Hauser-OK)

INDIA AIR National Channel noted on 9450 replacing 9425. The schedule is 1320-0041 UTC via Bangalore 500 kw. (Jacob via dx_india/Japan Premium/Iwata Gaku-JAPAN)

AIR Jeypore seems to be affected by power problems lately. 5040 is noted off air these days around 1330-1430 UT. (7.00 to 8.00 pm LT which is peak electrical consumption period). The \ freq of 1467 kHz MW is also affected then as it is not heard on some days at that particular time. Sometimes it is also not heard as strong at that time suggesting that they must be using the standby transmitter of 20 kW instead of the regular 100 kW transmitter. (Jose Jacob-IND, VU2JOS, DX_india, Jul 31/BC-DX/Bueschel-GER)

AIR FM II Relay via Bangalore for Home Service noted on 11645 today instead of 9425. Looks like new day time test freq at 0130-0530. (Jose Jacob-IND, DX_india Aug 15)

AIR National Channel noted on 9450 replacing 9425. The schedule is 1320-0041 UT via Bangalore 500 kW. Sincerely, (Jose Jacob, VU2JOS, Aug 28, dx_india/DX Listening Digest/Hauser-OK)

INDONESIA 3266.40 RRI Gorontalo Jul19 1150 Indo. Pops and woman's talk. Good. (Iwataa-JPN/Japan Premium/Iwata Gaku-JAPAN)

3325 **RRI Palangkaraya** Aug 23 1059-1106 Indonesian, 1059 IS. 1100 Local news. (Kouji Hashimoto-JPN/Japan Premium/Iwata Gaku-JAPAN)

3905 **RRI Merauke**, fade-in here at 1145 UT, under Radio New Ireland-PNG (s-off 1203* UT). 1200 UT RRI Jakarta relay, "Dynamica Indonesia" til 1228 UT. (Roland Schulze, Mangaldan-PHL, Aug 10/BC-DX/Bueschel-GER)

3976 **RRI Pontianak** Jul 21 1302-1320 Indonesian, Jakarta news reay. ID at 1318. (Kouji Hashimoto-JPN/Japan Premium/Iwata Gaku-JAPAN)

4606.5 **RRI Serui** Aug 25 1131-1146 Indonesian, IS?. 1133 ID. Local news. ID at 1140 and 1142. (Kouji Hashimoto-JPN/Japan Premium/Iwata Gaku-JAPAN)

4753.3 **RRI Makassar** Aug 25 1154-1207 Indonesia, Talk. ID at 1157. 1200 Jakarta news reay. (Kouji Hashimoto-JPN/Japan Premium/Iwata Gaku-JAPAN)

4874.6 **RRI Sorong** Jul 20 1048-1103 Indonesian, Talk and pops music. ID at 1059. 1100 Local news. (Kouji Hashimoto-JPN/Japan Premium/Iwata Gaku-JAPAN)

4925 **RRI Jambi** Aug 22 1357-1405 Indonesian, Local music and talk. ID at 1400. (Kouji Hashimoto-JPN/Japan Premium/Iwata Gaku-JAPAN)

KYRGYZSTAN Kyrgystan Radio, Bishkek noted on 9-8-2002 on the New freq 4795, s-on at 2300 UT with National Anthem. (H. S. Brar-IND, Aug 15 via DXLD/BC-DX/Bueschel-GER)

On Aug 15 at 1755 indeed progrs on 4010 and 4795 were in \. 4010 had stronger signal here. At 1757 there was Kyrgyz Radio ID in Kyrgyz and Russian (closing annt), then National Anthem until about 1800. Carrier remained on both freqs until 1815, 4010 off first and 4795 about 30 seconds later. (Jari Savolainen-FIN, DXLD Aug 13/BC-DX/Bueschel-GER)

A radio station, a new one or using existing transmitters is being heard at my QTH in Punjab on 5050 kHz during our evenings (local time PAK/IND). The progr consists of continous Afghani mx: Dari/Pashto, occasional Indian songs even. Is this Bishkek, Kirghiztan or a New one?

4010 11.8. -1800* **Kyrgystan Radio**, Bishkek. Also 4050 was again in operation, with a more youth-oriented mxal selection (Jari Lehtinen-FIN, hcdx/BC-DX/Bueschel-GER)

LAOS 4662.60 Houa Phan Jul19 1157 Laotian 35443 Regional music and man's talk. From 1200, opening music then news by man. \6130(1200-) (Iwata-JPN/Japan Premium/Iwata Gaku-JAPAN)

4661 **Xam Nua** was heard till s/off at 1230*.

6971 **LNR Luang Prabang** is still inactive.

7145 **LNR's** Foreign Service heard regularly according to sked in French and English (other languages not checked) on 7145. Mostly, however, they announce only 1030 MW and 97.25 MHz FM. In the past they were inactive on 7145, but continued to announce that frequency for years (Maarten van Delft, Malaysia, DSWCI DX Window Aug 28/DX Listening Digest/Hauser-OK)

LIBERIA Per Monrovia Newspaper "The News," on Aug 22 the Catholic owned Radio Veritas began a new broadcast season on both FM and SW, and has increased its hrs from 12 to 18 hrs a day. The most recently reported SW frequencies are 3450 and 5470. (RNWMNNL Aug 24/BC-DX/Bueschel-GER)

MADAGASCAR I don't know if *RTM* has change it freq but at the moment (1630) it is being heard on 5021 instead of 5010. (Mahendra Vaghjee-MAU, hcdx Aug 6/BC-DX/Bueschel-GER)
RTM returned to 5010 after being on 5021 for a short period (around 1800). I would also like to add that some time ago the Malagasy station which was on the air after 1900 and until late night with lots of Musical Programs was not *RTM* but was *Cannal Six*, the station of Ex President Didier Ratsiraka.

Malagasy Broadcasting System is still on 7130 and address is: Malagasy Broadcasting System (MBS) Tana, Anosipatrana 101 TANA Madagascar Unfortunately no further details are available on this station. (Mahendra Vaghjee-MAU, hcdx Aug 9)

MALAYSIA The listed domestic SW frequencies of *RTM* West Malaysia are all active. An engineer at the Kajang Transmitting Station, just South-East of Kuala Lumpur, told me that the poorly performing transmitter on 5965 is a very old 5 kW standby unit. It will be replaced by a 100 kW transmitter - now used on 15295 - after the installation of a new 250 kW Thomcast transmitter for the 19 m.b. outlet, mainly intended for the broadcasts in Arabic. Also a new TCI antenna system (type HRS-441) is being installed. This project should be completed in October.

RTM Sarawak's listed SW frequencies are all active. According to the Director of Broadcasting, the Sibu transmitter, which used to operate on 5005, cannot be repaired as the necessary parts are no longer available. The MW network, the still expanding FM-network and the recently upgraded SW facilities at Kuching appear to provide adequate coverage. With Miri having left SW already a couple of years ago, the remaining Sibu transmitter on 6050 is likely to continue till it breaks down, so get it while you can!

Spare parts for the *RTM* Sabah transmitter, which used to operate on 4970, are no longer available either. As MW and FM coverage are considered adequate, it may never be reactivated. However, the transmitter on 5980 will continue as long as it lasts. The current SW schedule of the programs in English and minority languages is as follows: English 0330-0730 (news at 0500), Kadazan 0730-1000, Bajau 1000-1200, Dusun 1200-1315 and Murut 1315-1330 (Maarten van Delft, Malaysia, DSWCI DX Window Aug 28/DX Listening Digest/Hauser-OK)

MALI RTVM Mali 9634.45 kHz at 1600 putting a very weak signal & under severe adjt QRM. 11960 was inaudible. Radio Mali this evening, and still as I compile this, fair on 5995 kHz but a terrible RTTY mess on 4835. (Carlos Goncalves-POR, BC-DX Aug 24/Bueschel-GER)

MYANMAR 4725 *Radio Myanmar* (pres), Yangan, 1128-1136. Vernacular, comments or nx program by female announcer. (Nicolas Eramo-ARG, ConDig Jul 28/BC-DX/Bueschel-GER)

Defence Forces Station on 6570 kHz is very active and s-on at 1330 and goes on till 1630. I will be inserting an audio clip in my RKI report this coming first Sunday. (Victor A. Goonetilleke 4S7VK, NASWA Jul 28)

5985.84, 1410-, **Radio Myanmar** Jul 27 One of my favorite targets. Wonderful local mx until 1415 followed by En progr. A little too weak to make much out of the English, though. About a S5 signal. (Walter Salmaniw-CAN, DXplorer Aug 2/BC-DX/Bueschel-GER)

Shortwave broadcasting from Myanmar is confined to the single Govt-controlled station, located at Yangan, the capital, and to the Defence Forces broadcasting Unit, operated by the military.

Myanmar Radio and TV: Two transmitters are in use, and operate to this schedule:

Main Network

0030-0245 7185

0330-0800 9730 (On Sats, Suns, and holidays, 9730 is used from *0245-0800*)

0800-1600 5985 (sign-off time varies each day, and may be anywhere between 1500 and 1600)

Minority Language Network:

0930-1600 4725 (sign-off time varies between 1500 and 1600)

The Main Program is essentially in Burmese, with En 0200-0245 on 7185. The En features are presented by professional announcers trained in the United Kingdom, with annunciation being distinctively "British!"

A recently introduced daily feature in Fr is noted 1000-1010 on 4725, consisting of nx about the India-China region, emphasizing political events in Vietnam. The unusual timing of these services is due to Myanmar being on UTC+6.5 hours, in contrast to UTC+7 for neighboring areas. All four HF channels are well-heard across Indo-China, and technical transmission quality is very good.

Defence Forces Broadcasting Unit: This uses the single freq of 6570 and is noted for evening transmissions only, in the period 1300-1400. It may operate at other times, but unheard. (Bob Padula, Samui-THA/EDXP)

NAMIBIA 3270.0 *NBC*, Windhoek, is being noted weeks on end since it experienced transmitter troubles, but audio seems to be on the low side all the time, e.g. at 2215-2224 in En airing light songs, which seems to be the usual menu at that time. No trace of their 3290 outlet. At that time, it seems only 2 Afr 90 mb stations are to be hrd, viz. Ghana 3366 (+ its regular transmitter spurs on either side of the fundamental) & the RSA 3320. (Carlos Goncalves-POR, BC-DX Aug 11/Bueschel-GER)

NEPAL 6100 *Radio Nepal* is using new freq 6100 kHz in \\ with 5005 kHz for it's afternoon bc. I have been monitoring it for 2 days now & thought of reporting it once it is confirmed. In the afternoons 6100 kHz is better heard than 5005. (Harjot Singh Brar-IND, GDRXC via BDXC-UK Aug 19/Bueschel-GER)

They've extended the MW transmission till 1815 hrs while SW is closing at 1545 hrs. They've revised the En Nx timings which is now at 0215, 0815, 1415 & 1745 hrs - all 10min duration. The last one at 1745 hrs is only available on the MW. (Alok Dasgupta-IND, BC-DX Aug 25/Bueschel-GER)

NETHERLANDS RN in English at 1430-1625 is on 12075, no longer on 12070. Heard and measured Aug 2 and 3. On Aug 2, 12065 was announced at 1500; Aug 3, no frequencies were announced. (David Crystal, 19125 Israel, DX LISTENING DIGEST)

NEW ZEALAND *Radio New Zealand International* from 1 Sept-27 Oct 2002

1650-1750	11725
1751-2050	15160
2051-0458	17675
0459-0658	15340
0659-1105	11675
1106-1305	15175
1306-1649	6095

(Paul Ormandy-NZL, BC-DX Aug 19/Bueschel-GER)

PAKISTAN 4790.02 *Radio Pakistan*, Aug 10, 0115-0125, Vernacular talk. If it was Azad Kashmir R, it had moved from longtime 4790.4 which is the Islamabad transmitter using 100 kW. With this weak signal, it may be from the 10 kW transmitter at Rawalpindi which uses first to sign on at 0130 during summer. It is normally heard on exactly 4790 (Anker Petersen, Denmark, DSWCI DX Window Aug 14 via DXLD)

PARAGUAY *Radio America's* schedule-7300 almost always on from 2030. May be interrupted by construction from 1430-2030. Station has received reports from Canada, Norway, Argentina, Bolivia, Brazil and Paraguay. 15185 off the air pending reconstruction. Did receive a report from Germany. (Station via Talbot Aug 17/Cumbre DX/Johnson)

FAX is 595-21-963-149, postal address: Casilla de Correo 2220, Asuncion, Paraguay. (Adan Mur, Technical Advisor, ramerica@rieder.net.py to DXLD, Aug 5/BC-DX/Bueschel-GER)
Station is now on 7300 and 7737 kHz 24h. (Aug 21/DX Listening Digest/Hauser-OK)

PERU 3235 *Radio Luz y Sonido*, Huanuco, 0924-0933, Jul 28, Quechua, man announcer, musical program, ID "...por Radio Luz y Sonido" (Eramo, Argentina)

4747 *Radio Huanta 2000*, Huanta, 2240+, Agosto 18, comerciales leidos en quechua por locutor y locutora: ".....Sombreros Apolo...". Huaynos. (Arnaldo Slaen, Argentina/Conexion Digital/Slaen-ARG)

4775 *Radio Tarma* (p), Tarma, 0239 - 0244, Jul 28, Spanish, musical program (Eramo, Argentina)

4826.48 *Radio Sicuani*, Sicuani, 1036 - 1038, Jul 29, Spanish mixed with quechua, man announcer, Comunicados, ID "favor que Radio Sicuani" (Eramo, Argentina)

4855.9 *Radio La Hora*, Cusco, 2245+, Agosto 18. Programa: "La Hora deportiva". El locutor habla sobre el torneo peruano de futbol. (Arnaldo Slaen, Argentina/Conexion Digital/Slaen-ARG)

4879.16 *Radio Comas*, Lima, 1027 - 1029, Jul 28, Spanish, Comments by man announcer, Saludos, ID "...Radio Comas" (Eramo, Argentina)

4955 *Radio Cultural Amauta*, Huanta, 2249+, Agosto 18. Larg comentario leido en quechua. A continuacion, music cristiana en espanol. (Arnaldo Slaen, Argentina/Conexion Digital/Slaen-ARG)

4995.7 *Radio Andina*, Huancayo, 2253+, Agosto 18, musica "tropical andina". Comerciales locales leidos por locutor y locutora. (Arnaldo Slaen, Argentina/Conexion Digital/Slaen-ARG)

5005.66 *Radio LTC*, Juliaca, 1008 - 1017, Jul 28, Spanish, Comments by man announcer, tc " cinco horas con once minutos en todo el pais" ID "Radio LTC"

5009.56 *Radio Altura*, Cerro de Pasco, 0108 - 0120, Jul 28, Spanish, musical program, man announcer, comments (Eramo, Argentina)

5300.05 *Radio Superior*, Bolivar, 0002 - 0005, Jul 29, Spanish, musical program, man announcer, ID "Radio Superior en la provincia de Bolivar, ahora somos Radio Superior" (Eramo, Argentina)

- 5500.18 **Radio San Miguel**, San Miguel, Cajamarca, 2302 - 2305, Jul 27, Spanish, Musical program (Huaynos) and Comunicados, IDs "en San Miguel" "musica en San Miguel Radio" (Eramo, Argentina)
- 5677.98 **Radio Illucan**, Cutervo, 2342 - 2353, Jul 27, Spanish, Musical program, man announcer, Comments, tc "son las seis con cincuenta y dos minutos", ID "en Radio Illucan" (Eramo, Argentina)
- 5700 **Radio Frecuencia San Ignacio**, San Ignacio, 2352 - 2356, Jul 28, Spanish, musical program, female announcer, ID "Radio Frecuencia San Ignacio..." (Eramo, Argentina)
- 5940.07 **Radio Bethel**, Arequipa, 2306 - 2310, Jul 27, Spanish, Px (Un mundo de Fe), man announcer (Eramo, Argentina)
- 5996 **Radio Melodia**, Arequipa, 0445, 13 de Agosto, Px de entrevistas de actualidad regional x M, mx de cumbia, en Espanol. (Ulises Chialva, Argentina/Conexion Digital/Slaen-ARG)
- 6117.4v **Radio Union**, Lima, 0940-0950, Agosto 11. Programa musical. Musica andina y muy bonitos huaynos. Anuncio: "El folclor suena mejor en Union". Saludos: "...tambien saludos a nuestros amigos de Union...". ID de la estacion de FM: "103.3 La Rompe". Audio distorsionado. (Arnaldo Slaen, Argentina/Conexion Digital/Slaen-ARG)
- 6140.9 **CPN Radio**, Arequipa, Peru. 2302-2325. Agosto 17"...CPN en Chimbote le informa mejor..." "...Desde Lima para todo el Peru y el mundo CPN Radio, Cadena Peruana de Noticias se complace en presentar el servicio informativo; el mas completo equipo periodistico con la informacion al instante desde el lugar de los hechos..." mencionan la pagina web en www.cpnradio.com.pe (Rafael Rodriguez R., Colombia/Conexion Digital/Slaen-ARG)
- 6173.80 **Radio Tawantisuyo**, Cusco, 1117 - 1119, Jul 28, Quechua, Comments by man announcer, Music, ID "...que sintonizan Radio Tawantisuyo" (Eramo, Argentina)
- 6188 **Radio Oriente**, Yurimaguas, 2242 - 2244, Jul 27, Spanish, Comunicados by man announcer, mention several times Yurimaguas, ID "Oriente 99.5" (Eramo, Argentina)
- 6193.8 **Radio Cusco**, Cusco, 0952-0958. Agosto 19. Muy lindos huaynos.ID. Fuerte QRM de la BBC a partir de las 0958 UTC. (Arnaldo Slaen, Argentina/Conexion Digital/Slaen-ARG)
- 6249.40 **La Voz de Andahuaylas**, Andahuaylas, 0036 - 0053, Jul 28, Spanish mixed with quechua, musical program (Huaynos), man announcer, mention several times of Andahuaylas, (Eramo, Argentina)
- 6536 **RD. Huancabamba**, Huancabamba, Peru. *1158-1210 Agosto 11 Aperturando emisiones. "...En Huancabamba surge como un crepusculo la voz de las grandes mayorias Radiodifusora Huancabamba 820 amplitud modulada, 100.1 frecuencia modulada estereo y via satellite(sic) 6535 Khz. Radiodifusora Huancabamba la poderosa, para que mas..." (Rafael Rodriguez R., Colombia/Conexion Digital/Slaen-ARG)
- 6797.48 **Radio Ondas del Rio Mayo**, Nueva Cajamarca, 0008 - 0014, Jul 29, Spanish, musical program, tc "siete de la noche con once minutos, aqui en Radio Ondas del Rio Mayo" (Eramo, Argentina)
- 6819.59 **La Voz de las Huarinas**, Huancabamba, 0011 - 0019, Jul 28, Spanish, man announcer, Px "Presentando Coplas", ID "en la Voz de las Huarinas" (Eramo, Argentina) Note: La Voz de las Huarinas is the official name according to the entity regulator of the Peru and the nominal frequency is 5060 KHz and call ID is OAW-1B.
- 6895.4 **Radio San Miguel de El Faique** El Faique, Peru. 2350-0010 Agosto 19 Musica peruana en el programa Sentimiento Popular, anuncios de Comercial Sanchez, Transportes San Jose, Muebleria Moyobamba. "...a esta hora compartiendo la sintonia de la Radio San Miguel de El Faique la grande..." Notada con buena senal, libre de la interferencia de RTTY y emisiones ilegales. (Rafael Rodriguez R., Colombia/Conexion Digital/Slaen-ARG)
- 6956.69 **La Voz del Campesino**, Huarmana, 0135 - 0142, Jul 28, Spanish, musical program (Huaynos), man announcer and tc "ocho de la noche con treinta y cinco minutos" (Eramo, Argentina)
- 9720.4 **Radio Victoria**, Lima, 0929-0935, Agosto 11. Programa religioso en espanol: "Aleluya, aleluya, aleluya...danos tu bendicion a esta hora..." (Arnaldo Slaen, Argentina/Conexion Digital/Slaen-ARG)
- QATAR 17755.2, Qatar Broadcasting Service**, 0240-0305, open carrier noted but no audio until 0258 when mx heard. This was followed by a man with Arabic talk, ID and annts at 0300. Poor. (Rich D'Angelo-PA-USA, DXplorer Aug 1/BC-DX/Bueschel-GER)
- ROMANIA** 10 Aug, I found RRI in English at 0700-0800 on 21480, even tho they announced 21530. (David Crystal, 19125 Ramat Zvi, Israel/DX Listening Digest/Hauser-OK)

RUSSIA Some interesting religious and clandestine stations using Russian shortwave transmitters:

IBRA Radio

2000-2115 9835 Samara 200 kW (alt freq 5935)

University Network

0300-1600 17765 Samara 100 kW

Tomorrow's News Today

2000-2030 7590 Armavir 100 kW Mo-Fr

Voice of Hope (High Adventure Ministries)

1100-1500 13590 Novosibirsk 200 kW

China Radio (True Light Station)

1200-1330 9450 Petropavlovsk 200 kW (alt freq 5895)

Radio Ezra

0500-0530 17735 Petropavlovsk 100 kW Su

Falun Dafa Radio

2100-2200 9945 Armavir 100 kW

Jakada Radio International

1900-1930 12125 Armavir 200 kW Mo/We/Fr

Voice of Biafra International

1900-2000 12125 Armavir 200 kW

Voice of Oromo Liberation

1730-1800 12110 Samara 250 kW Mo/Th

Dejan Radio

1700-1800 12110 Samara 250 kW Sa

Netsanet Radio

1700-1800 12110 Samara 250 kW We/Su

IBC Tamil

0000-0100 11570 Novosibirsk 200 kW

Voice of Khmer Krom

1400-1500 15660 Vladivostok 250 kW Tu

Eurosonor Radio

2000-2100 7590 Armavir 100 kW Sa

Herald Broadcasting

1200-1300 9585 Komsomolsk 250 kW, 9875 Vladivostok 500 kW

1300-1400 9940 Irkutsk 250 kW

(Nikolai Rudnev - RUSSIA)

SRI LANKA 12035 *DW* Trincomalee replaced 11915 by 12035 from July 20th. Heard on July 20th, 21st, 23rd. 2100-2145* UT En \ Trinco 9670, WER 9765, to SoEaAS and Oceania.

12035 2200-2250* UT BI \ Trinco 9670, NAU 9815, to SoEaAS. [Trinco 250 kW, NAU/WER 500 kW]. (Roland Schulze-Mangaldan-PHL, BC-DX July 20-23)

The Service to the ME in Sinhala for many hundred thousand Sri Lankans working in the Gulf, including my daughter and son in law, is on 11775 kHz 300 kW via the NHK transmitters at Ekala 1600-1900 UTC.

Yes, the freqs for the All Asia En service is 6005 (10 kW Phillips transmitter, 350 degr), 9770 (100 kW Marconi from Radio SEAC 1949 running at 80 kW, 350 degr) 15425 (35 kW pushing out about 28 kW ex VOA Collins, 350 degr) 0025-0430, 1230-1550. 9 and 15 MHz on Curtain Antennas and 6 MHz on a skybeam ... low slung dipole. (Victor A. Goonetilleke 4S7VK, NASWA Jul 28)

THAILAND It appear that *Radio Thailand's* Domestic service relays have been taken off. 7115 and 6070 are off the air when checked since the 28th July. Let's hope they don't go off altogether. 4830 which carried the En Service was last heard on the 10th of Dec 2001. (Victor A. Goonetilleke 4S7VK, BC-DX Aug 3/Bueschel-GER)

VATICAN CITY A Lebanese station called *Sout Al Mahaba (Voice of Love)* is transmitted via Vatican Radio on 11715 (and inaudible 9565) 0430-0500. Address: P.O. Box 850, Juniyah - Lebanon. <http://www.radiocharity.org.lb/> (Tarek Zeidan, Egypt, BC-DX Aug 7 via DXLD)

Pirate Radio Report

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

Welcome to the September 2002 edition of the *Pirate Radio Report*. I hope all of you out there had a good summer. Now that Labor Day is past, static conditions will start to subside, the days are getting shorter and DX is just around the corner. So get those receivers tuned up, antennas repaired as the DX season is upon us.

I had a chance to vacation at Baker's Island in Salem, MA a few weeks ago. Those of you who were active in the pirate scene during the mid-1990s might remember this was the location for the station **Voice of the Rock** which used a 10 watt Grenade transmitter for tests during July and August. The transmitter site is now overgrown with poison ivy and bayberry bushes with a few small lengths of coax the only reminder of what once was.

Loggings....

Many thanks to Scott Barbour, Ross Comeau, Rich D'Angelo, Joe Wood, and George Zeller for this month's crop of loggings.

Maryanne Calling. A new one, but a WHYP production, was heard on August 15th at 0043 to 0132 sign off on 6953 kHz AM. Parodies of radio call in shows. Songs included a Peter Gabriel song and "Along Comes Mary". [Wood-TN] I'm assuming the station was named in honor of Maryanne Kehoe?

Oxycontin Radio. Noted on 6952 kHz in AM on August 7th at 0029 UTC. Programming heard was pop songs like "New Drug" by Huey Lewis and something by Steve Miller. [Wood-TN] Also on 6952.65 AM UTC Sun 8/25 0322-0408 Uncle Shekelstein with a look back at the 2002 SWL Fest. Nephew Jay and "wieners," Maryanne Kehoe, Dr Scott Becker parking his car in the fire lane: the untold story, JTA, Bozo clips from WBCQ, etc. Mx by Elvis Costello, James Brown, Paul McCartney, and others. SINPO=34443. [Comeau-MA] PSE QSL!

WHYP. One of the most active outlets was logged on 6955 kHz in the AM mode on August 6th from 0212-0217 UTC with a SINPO rating of 33222. The usual characters, as Mr. Bozo and Uncle Schleckelstein were on there. [Wood-TN] 6952, WHYP, 0316-0322 Aug 16, parody ads, IDs mentioning the "pirate shortwave band." Fair reception. (D'Angelo-PA) *If I hear any more about Lee Reynolds, The Gay Ghost or Bozo wanting to play with weiners I think I'll puke! Come on, JB, enough is enough.* [commentary by ye ed]

WMFQ, The Station that always asks the proverbial question, Where's My F—king QSL?!" They were logged on 6926 kHz in the AM mode, August 15th at 0139 UTC. Many station IDs, mentions of Sal Ammoniac. Several Steely Dan songs were played and an a cappella version of "California Girls" was played, then more Boy George and Fleetwood Mac was heard. The station rated a SINPO of 32232. [Wood- TN]

WMPR, the "techno" music station popped on at 0209 UTC on August 14th. The transmission was good but a little weak for WMPR. Techno pop dance club music with more vocals than usual. The ID at 0216 sounded different than usual. Could this be a rip off of the real WMPR? [Wood-TN] 6955 WNPR AM mode 0144-0217* 8/1 dance and techno music; remix of "People are People" by Depeche Mode. ID between each song; "WNPR 6955" by OM and YL with sounds of someone trying to whistle. No contact info offered at s/off. Are you familiar with this station and any web or maildrop info? I would love to send a request for QSL if possible. [Barbour]

This wraps up another *Pirate Radio Report*. Let us hope the new DX season ushers in a bunch of new pirates. Don't forget, Halloween a big pirate holiday, is just around the corner.

Happy Pirate DX!

-Chris Lobdell



QSL Report

Sam Barto • 47 Prospect Place • Bristol, CT 06010

Radio Ezra

Blessed be the LORD God of our fathers



100
Transmitter power: 250 kilowatts
Transmitter location: Petropavlovsk, Russia
Type: HR 44/1.0 Curtain
Global coordinates: 52N59/158E39

Thank you for your reception report. I can confirm that you heard Radio Ezra as detailed below:

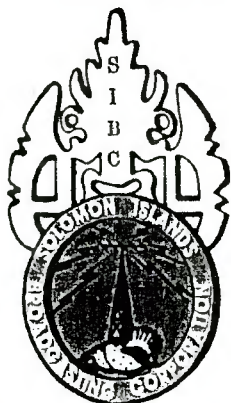
Broadcast dated Sunday, 26th May, 2002
UTC 05:00-05:30 Frequency 17735 kHz

Misiones map and tourist brochures were also rcvd. Radio Nacional 15345 f/d cd. w/ ltr. and schedule in 246 ds. for a SP rpt. w/ tape and \$1.00 Also rcvd. stickers and a cassette tape of Argentine music. (Sgrulletta)

Members Notes: New member Anne Cross checks in from Albany, NY. Because of the work schedule, Anne has only been able to listen to shortwave on a limited basis. You did everything just fine with your report... Sam. Scott Barbour Jr. says he is in the full "tourist mode". He lives in the heart of the White Mountains in NH. He can't wait for the season to end. He is very pleased with his recent QSLs from Guyana and Burkina Faso. Bill Wilkins hopes that August will bring

bring in a few more replies. He is pleased with the Radio Zambia QSL but is still waiting on a couple of pirates....Sam.

SOLOMON ISLANDS BROADCASTING CORPORATION



Radio Happy Isles
Tells and Sells
Programme Schedule
2002



via Willshaw
XERMX-OC
Radio México Internacional
24 hrs. 5700 kHz. 25 mhz. 3170 kHz

VERIFICACION DE SINTONIA

17735 kHz. UTC
SINPO: 5111

Asociación Porifera 21-200
Código Postal 04011 30-1000 01
MEX. / Mexico Inter. Radio
www.rmi.org/intermex.com



LA VOZ DE MEXICO AL MUNDO

ASIATIC RUSSIA: Radio Ezra

* 17735 via Petropavlovsk f/d yellow cd. in 23 ds for 2 IRCs. v/s John Hill, Station Owner. (Wilkins-MO). Voice of Russia 12020 via Petropavlovsk-Kamchatsky f/d "Peoples Friendship" cd. in 5 wks. w/ schedule. (Barto-CT).

AUSTRIA: Adventist World Radio 15355 f/d cd. w/ calendar, schedule, AWR QSL stamp and a personal ltr. in 1 mo. v/s E. Gysin Ruf, Listener Services. (Field-MI). same w/ site and report forms in 20 ds. for 1 IRC. (Barbour-NH). Radio Canada International 11835 via Moosbrunn f/d cd. w/ station pennant & schedule in 1 mo. (Field-MI).

BELGIUM: RTBF 9970 via Wavre f/d cd. w/ site and a personal note w/ schedule in 2 wks. for \$1.00 (returned). v/s P. Legin. (Barbour-NH).

BONAIRE: Radio Nederland 9845 f/d cd. in 2 mo. (Field-MI). 6165 cd. #2 in 1 mo. (Field-MI).

BRASIL: Radio Cancao Nova
9675 reply arrived in 1 day via e-mail. (Glottzbach)

BURKINA FASO: Radiodiffusion
* **Television du Burkina 5030**
n/d form ltr. w/ station seal in 78 ds. for 1 IRC and an EG rpt. v/s Tanere Ouedraogo, Chief de Service de Programmes. (Barbour-NH).

CANADA: Canadian Broadcasting Corporation 9625 via **Sackville f/d "CBC Toronto"** cd in 85 ds. for \$1.00 after a f/up rpt. (Barbour-NH). **Radio Nederland 15220** via

Q S L
Radio "La Voz del Napo" HCVN7
Tena - Napo - Ecuador
TARJETA DE VERIFICACION

Señor

Estimado oyente: *Samuel Barbo*

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 Amazónica Ecuatoriana en 3280 KHz. Su recepción fue el día *14 febrero - 2002* a las *23.19.13.29* hora ecuatoriana, *23.19.23.29* GMT

Atentamente,

J. J. J. J. J.
Director

Radio Marañón

580 AM - OC 4835 96.1 FM
La Voz del Sender de Neaqua Pueblo (Achévile)
Franchés de Oroblina 343 Ap. 28 - Via Chicago, Jotin, Perú
☎ (011) 645 731547 732148 Fax: 732800
E-mail: corra@radiomarañon.org.pe
http://www.radiomarañon.org.pe

2002

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Sackville cd. w/ site in 1 mo. (Field-MI).
Voice of Vietnam 6175 via **Sackville f/d cd.** w/ schedule in 4 mo. (Field-MI).

CHINA, PEOPLE'S REPUBLIC OF: China Radio International 9640 via **Urumqui f/d "Great Wall"** cd. in

STATION NOTES: Radio Tupi 9565 v/s Douglas Santana. Home address: Rua Mirador 512, Jardim Cristina 2, CEP-83410-810 Colombo, Parana, Brasil
Eurosonor Radio 9980 Addr: Waldtstrasse 30, DE 63065 Offenbach, Germany. **Radio Television Burkina 5030** v/s Tahere Ouedraogo, Chef de Service des Programmes... via **PLAY DX...** Sam.

SP in 7 wks. w/ paper cut. (Barto-CT). 6020 via **Shijiazhuang** same cd. in 7 wks. (Barto). 15415 and 9760 via **Beijing f/d "Terra Cotta Army at the Tomb of Emperor Qin Shihuang at Shanxi"** cd in 7 wks. (Bar-

cto-CT). 11980 via **Kunming** same cd. in 7 wks. (Barto). 9730 via **Xian f/d cd.** in 5 wks. (Barto). 9840 and 9440 via **Beijing f/d cd.** w/ schedule in 1 mo. v/s Ying Lian. (Barto). 15400 via **Beijing f/d "Leshan Buddah"** cd. w/ schedule in 5 wks. (Barto). 11945, 9550 and 6140 via **Kunming** same cd. in 5 wks. (Barto).

CLANDESTINE: Voice of the People
* of **Kurdistan 6995** (site in QSL listed as Northern Iraq) ltr. in 2 wks. after I sent a second rpt. to: Postfach 210231, 10502 Berlin, Germany. (Field-MI).

CUBA: China Radio International 17720 via **Habana f/d "Leshan Buddah"** cd. w/ paper cut and schedule in 2 mo. (Barto-CT).

ENGLAND: Wales Radio International 9795 f/d form ltr. w/ schedule in 390 ds. v/s Jenny O'Brien.
* (Name?) **Virgin Radio 15325** via **Skelton** The station QSLed my rpt. for April 2000. I reported 7 other frequencies but no luck. It arrived by surface mail as they put insufficient postage on the ltr. (Field-MI).



Radio Canada International 13690 via **Skelton** f/d cd. in 90 ds. v/s **Bill Westenhaver**. (Glotzbach-NM).

EURO PIRATES: Laser Hot Hits 6220 f/d blue * and white cd. w/ stickers and info. * sheet in 6 wks. (Barto-CT). **Alfa Lima International** 15070 f/d ltr. on my second try w/ an apology for not replying sooner. (Field-MI).

FRENCH GUIANA: China Radio International 9730 f/d cd. in 1 mo. v/s **Ying Lian**. (Field-MI).

GERMANY: Remnants Hope 13810 via **DTK Julich** f/d "Rainbow" cd. w/ ltr. in 3 wks. v/s **Pastor Tim Butler**. (Craighead-KS).

GREECE: Voice of Greece 9375 via **Avlis** f/d cd. in 6 wks. (Barto). f/d "Skyrian Jewelry" cd. in 5 wks. w/ stamps and schedule (Barto-CT).

STATION NOTES: XERTA Transcontinental de America 4800.7 v/s **Mrs. Veronica Coria Miranda**, Representante Ejecutiva. **Comas Radio Television** 4880 and 3250 v/s **Edgar Saldana Reategui**, Jefe de Prensa and **Julio Saldana Reategui**, Gerente. Addr: Avenida Estados Americanos Unidos 327, Comas, Km 10

Avenida Tupac Umaru, Lima, Peru. **XEPP Radio Educacion** 6185 v/s **M.tra Lidia Camacho Camacho**, Directora General. Addr: **Angel Urriza** 622, Colonia del Valle

MEX-03100, Mexico DF, Mexico.

XEOI Radio Mil 6010 v/s **Dxer Hector Garcia Bojorge**. Addr:

Apartado Postal 21-1000, MEX-

04021 Mexico DF, Mexico...via

PLAY DX...Sam.

f/d "Athens Seen From Plaka" cd. in 1 mo. w/ site. (Barto). 9420 via **Kavala** same cd. in 1 mo. (Barto). 15650 and 12110 f/d **Prince of Lillies** cd. w/ stamps in 5 wks. (Barto). 5865, 7475, 9420 and 15630 f/d "Traditional Skyrian Jewelry" cd. w/ schedule in 6 wks. (Barto). 15650 f/d "Lillies" cd. w/ schedule and stamps in 5 wks. (Barto-CT).

GUYANA: Voice of Guyana 3290 n/d ltr. w/ country info. sheet in 80 ds. for 1 IRC. v/s **W. Carr**, Main Engineer. (Barbour-NH).

HOLLAND: Radio Nederland 11655 via **Flevo** f/d "Spring Morning" cd. w/ site in 59 ds. for 1 IRC. (Barbour-NH).

INDIA: All India Radio 4910 via **Jaipur** f/d cd. in 2 mo. (Barto-CT).



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TEL: 054 221111

FAX: 054 221111

WWW: WWW.RADIO-LA-HORA.COM

Radio La Hora

Cusco - Peru

TARJETA DE VERIFICACION

OAX

Mr. [Name]

Estimado oyente

RADIO LA HORA CERTIFICA QUE:

Mr. Barto [Name]

receptado nuestra señal de Transmision en 4855 KHz con 1 Kw de potencia

en el momento de la hora de Peru de Fecha 22 AG 95

en el momento de la hora de Peru de Fecha 22 AG 95

en el momento de la hora de Peru de Fecha 22 AG 95

en el momento de la hora de Peru de Fecha 22 AG 95

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en el momento de la hora de Peru de Fecha 22 AG 95

RADIO LA HORA

CUSCO - PERU

VERIFICACION

DE FLEVO Y FRECUENCIAS



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QSL - Card

vision, Pyay Rd., Yangon. Radio Television Malaysia Sarawak 5030
Addr: Broadcasting House, Jalan P. Ramlee, Kuching 93614, Sarawak,
Malaysia. Radio Vilnius 9710 Addr: Kornaskio 49, LT-2674 Vilnius,
Lithuania. Fundamental
Broadcasting Network 9710
v/s D. Robinson. Addr: 520
Roberts Rd., Newport, NC
28570. Radio LTC 5005
Addr: Jiron Union 242, Ju-
liaca, Puno, Peru. Radio
Maranon 4835 v/s Marco Ru-
miche Puricaza, Periodista
...via PLAY DX...Sam.

f/d cd. in 5 wks. (Barto).
15735 and 17525 f/d cd. in
1½ mo. w/ schedule. (Barto)
18920 via Kvitsov f/d cd.
in 5 wks. (Barto). 13800 and
18950 f/d cd. in 3 wks. w/
sticker and schedule. (Bar-
to). 15735 and 17525 f/d
cd. in 6 wks. w/ sticker and schedule. (Barto-CT).

PERU: Radio Paucartambo 6520 p/d "Certificado de Sintonia" typewritten
* ltr. on station letterhead via Carlos Gamarra Moscoso of Radio La
Hora in 8 mo. for a taped rpt., mint stamps (used) and \$2.00 and
SASE (used). v/s Roberto Castelo Melo, Director of Radio and Tele-
vision. (Sgrulletta-NY). La Voz de La Selva 4824.4 cd. w/ personal
ltr. and 2
stickers.
in 908 ds.
(Glotzbach)

327 w/ personal ltr., schedule and
station sticker in 384 ds. (Glotzbach)
KOREA, PEOPLE'S DEMOCRATIC REPUBLIC OF:
Voice of Korea 6520.1 and 7580 f/d cd
w/ schedule and yet another pennant
in 3 mo. I must have more than a doz-
en of theirs. (Barto).

KOREA, REPUBLIC OF: Radio Korea Internat-
ional 9560 f/d cd. in 1 mo. (Field-MI)

LITHUANIA: Radio Vilnius 9875 via Sitku-
nai f/d cd. in 44 ds. for 1 IRC. This
after a f/up rpt. (Barbour-NH).

MALI: China Radio International 15125 &
13640 f/d cd. in 1 mo. (Barto-CT).

MOLDOVA: Voice of Russia 7180 via Kish-
inyov f/d cd. in 5 wks. w/ station
schedule. (Barto-CT).

NORWAY: China Denmark 21745 and 13800
via Sveio f/d cd. in 1 mo. w/ sched-
ule. (Barto). 18950, 15735 and 15705

STATION NOTES: Radio Myanmar 4725 v/s
Ko Ko Htway, Director of Broadcasting
Addr: Union of Myanmar Ministry of
Information, Myanmar Radio and Tele-

vision, Pyay Rd., Yangon. Radio Television Malaysia Sarawak 5030
Addr: Broadcasting House, Jalan P. Ramlee, Kuching 93614, Sarawak,
Malaysia. Radio Vilnius 9710 Addr: Kornaskio 49, LT-2674 Vilnius,
Lithuania. Fundamental
Broadcasting Network 9710
v/s D. Robinson. Addr: 520
Roberts Rd., Newport, NC
28570. Radio LTC 5005
Addr: Jiron Union 242, Ju-
liaca, Puno, Peru. Radio
Maranon 4835 v/s Marco Ru-
miche Puricaza, Periodista
...via PLAY DX...Sam.

To Scott Barbour

QSL

This is to confirm your reception report of our broadcasts ...

Transmitter location Munk Carlo
Date 05 December 2001
Time 0822 - 0839 UTC
Frequency 9890 kHz

Thank you for your report! Regular reports from our listeners help us
serve you better. You will automatically receive a copy of our next
transmission schedule.

We wish you joy as you listen to Trans World Radio and look forward
to hearing from you again!



Sincerely,

B. H. Orl

BP 349, MC 98007 Monte Carlo, MONACO
PO Box 141, A-1235 Vienna, AUSTRIA
PO Box 174, NL-3780 BD Voorhuizen, THE NETHERLANDS



All illustrations
on this page are
from Scott Barbour.

Tune in To

Salama Radio International

On: 12:025Mhz on the 25 Meter Band SW

At: 8:00 - 9.00pm Daily or 7:00pm-8:00pm GMT

ROMANIA: Radio
Romania Inter-
national
11940 f/d
cd. in 5 wk
w/ schedule
(Field-MI).
f/d "Natio-
nal Bank"
cd. in 35
ds. for 1



IRC. Schedule rcvd. (Barbour-NH).
RUSSIA: Voice of Russia 12055, 12025 and 11500 "Churches" cd. w/o sites in 2 mo. (Barto).
SAIPAN: KPBS 11580 cd. in 1 mo. w/ ltr. and schedule. (Field-MI).
SEYCHELLES: FEBA Radio 15535 f/d "Staff Photo" cd. w/ sticker in 88 ds. for 2 IRCs. v/s Doreen Dugathe. (Barbour-NH). 11880 same in 32 ds. for 2 IRCs. (Barbour).
SPAIN: China Radio International 9690 cd. in 3 wks. w/ note that says CRI no longer will QSL "local stations". (Field-MI).
SPANISH MOROCCO: Radio Sawa / Middle East Radio * **Network** 11670 via **Briech** f/d "Morocco Transmitting Station" cd. in 2 wks. v/s John Vodenik. (Craighead-KS).
SWEDEN: Radio Sweden 17505 48960-f/d sdd dn. 11n ds. w/ schedule. (Barbour-NH).
TAIWAN: Central Broadcasting Service 15265 f/d "Vase" cd. w/ newltr., schedule and rpt. forms in 3 wks. for 1 IRC. (Barbour). **Radio Taipei International** 5950 cd. in 1 mo. w/ 2 copies of the Taipei Journal. Schedule and rpt. forms were rcvd.
TANGIER: Radiodiffusion Television (Field-MI).
Marocaine 7185 f/d cd. in 116 ds. (Glotzbach-NM).
TIBET: Tibet People's Broadcasting Company 5240 very * nice personal ltr. w/ schedule in 185 ds. for an EG rpt. and a taped rpt. v/s Tsering Deky, Hostess of the English Program "Holy Tibet".
TURKEY: Voice of Turkey 11655 f/d "Souvenirs" cd. w/ personal ltr, schedule and sticker in 33 ds. for 1 IRC. (Barbour-NH).

RG 63
 CP7 900 AR
 HOOGVEER
 HOLLAND

---6020-ed.-w/-schedule-in-3-mo. (Field-MI).
USA: WBCQ 7415 cd. in 1 mo. after a f/up rpt. (Field-MI).
WTJC 9370 f/d cd. in 3 wks. v/s A. Robinson. Sticker was rcvd. (Field-MI). **WINB** 12160 cd. in 1 mo. w/ schedule. v/s Fred W. Wise. (Field-MI).
Voice of Greece 17705 via **Delano** f/d "Skyrian Jewelry" cd. in 1 mo. (Barto). 17565 via **Greenville** f/d cd. in 1 mo. (Barto-CT). 17705 via **Delano** f/d "Prince of the Lill-ville" cd. in 5 wks. w/ sticker and schedule. (Barto). 17565 via **Greenville** same cd. in 5 wks. w/ schedule. (Barto). **Voice of America** / * **Japan Short Wave Club** 5995 f/d cd. w/ personal note and JSWC info. in 128 ds. (Glotzbach-NM).
USA (Pirates): United Patriot Militia Bingo 6925 f/d QSL sheet in 72 ds. for \$2.00. (Barbour). 6955 same sheet in 86 ds. for \$1.00 and ms. (Barbour). **Radio Time Machine** 6955 f/d "Old Man Listening to Radio" cd. in 20 ds. for \$1.00. (Wilkins-MO). **WMPR** 6955 p/d cd. for a rpt. in Free Radio Weekly rcvd. in 24 ds. (Wood-TN).

3.250 Mhz.
 1.600 Mhz.
 Mar Caribe
 Apdo Postal 303
 San Pedro Sula, Honduras
Honduras
 Centro América
Radio
Proclamando a
Cristo
 QSL Certificado de Sintonía *Samuel Barto*
 Gracias por su informe de recepción de QSL fecha *15/1/07 22:30*
 Guatemala
 El Salvador
 Océano Pacífico
 Fianza al gobierno
 Nicaragua

Hope everyone enjoyed reading this months QSL Column. Until next time.

Alfa Lima International

Greetings
 Greetings to you. Glad you read this. It means you have been listening to our station Alfa Lima International.
 And we would like to thank you for the given time to send us your correct reception report. We surely appreciate it and without there is less fun in transmitting.

Best of QSLing
Ram

Here confirmation of reception
 Here by we confirm that listener *Samuel Barto*
 Did received our station at
 Date: *10-06-2007* Utc time: *06:30* cc *56*
 With an SINFO/SIO *low/good*
 On the frequency: *17085* KHZ
 The power our station was using at that time was around *500* Watts.

Net Notes

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

At BBC World Service, BBC management has recognized—somewhat, undoubtedly due to <http://www.savebbc.org/> — that shortwave still have a place in areas of the world even where SW coverage has been discontinued. On any page under <http://www.bbc.co.uk/worldservice/>, click on the left-hand columnar menu item “Schedules & Frequencies” to open a search page.

The late morning BBC SW coverage in the neUSA is still mediocre at best without Sackville. On a recent August motor trip to Vermont, using a Yaesu VR-500 and external roof-mounted whip antenna, 15190 kHz was poor at best.

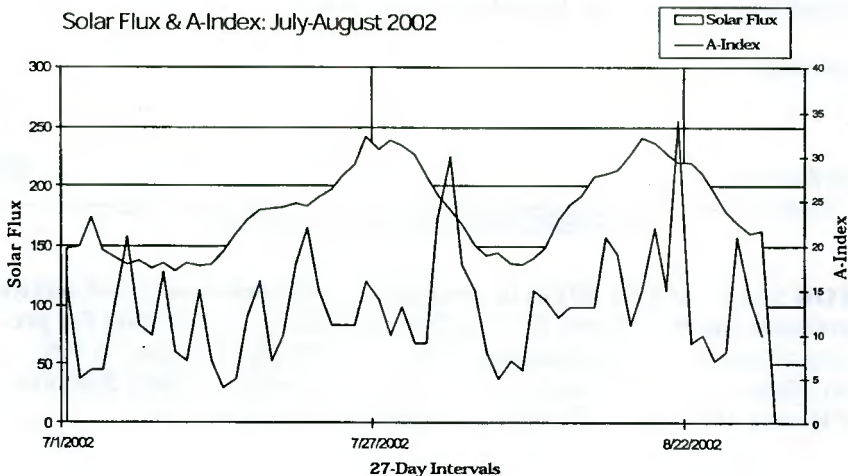
As long as we're on the BBC, .net notes that BBCi added a search engine to the Web site at bbc.co.uk. “...the corporation bigwigs reckon the BBCi search button will enable users to benefit from its 'unrivalled editorial expertise and reputation as the UK's most trusted online brand.' Odd, then that most of the searches we tried pulled up a BBC page as the first choice.”

Like old receivers? Ed Tanton, N4XY, of Marietta, GA, has a wonderful boatanchors section on his ever-

changing Web site. The link is a bit complicated, so just go to the bottom of the home page at <http://www.qsl.net/n4xy/> and find the menu. I found pictures from of some not-often seen manufacturers, such as Echophone, Galaxy, Globe, Grimm, and Gonset. There is also a smaller SWL section on the Web site. Check it out and drop Tanton a note.

There is another new search engine in the family of search engines. Unlike other text-based engines, this one draws graphs — pictures — with live links showing the relationships between Web sites. “While most categorization schemes make you go up and down hierarchical trees to get to the items at their leaves, **TouchGraph** takes you to the information canopy where you can wander uninterrupted across adjacent clusters.” There are four flavors, including one that draws upon Google data. I tested trsc.com as a starting node to see the connections to other domains and pages. It is absolutely fascinating to hop across the Web with having to navigate through many pages. A Sun Java plug-in is required, and the site works best in current IE browsers. Go to <http://www.touchgraph.com/>.

Solar Flux & A-Index: July-August 2002



Contributors' Page

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

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Scott BARBOUR, Intervale, NH	ATS 818, RS antenna system
John BEATTIE, Ventura, CA	no equipment listed
Jerry BERG, Lexington, MA	R8A 165' LW
Ralph BRANDI, Tinton Falls, NJ	AOR7030, R8, 250' longwire
Paul BROUILLETTE, Geneva, IL	Drake R8, ICF2010, 60' long wire
Peter COSTELLO, Matawan, NJ	AR3030 DX-390 YB400 70' LW Tun-4A
Rich D'ANGELO, Wyomissing, PA	Drake R8B, Lowe HF-150, DX Sloper
Jerry LINEBACK, Scranton, KS	Icom 746 beverage antennas
William MCGUIRE, Cheverly, MD	DX-380
Bob MONTGOMERY, Levittown, PA	NRD535D, R390A, RX320, HF150, SE3, active antenna
Sheryl PASZKIEWICZ, Manitowoc, WI	R8B, ICF2010, NRD525, 60' Eavesdropper
Rik VAN RIEL, Curitiba, BRA	Icom R75, T2FD antenna

Summer is over, the kids are back at school and a new dx season about to begin.

Many thanks to those that took the time out to contribute to the journal. Our list of contributors seems to be falling off. The journal is only as good as its members make it and your help is needed. There have been a number of new clandestine stations heard and one or two new Peruvians have started up. Shortwave is not dead. Your support for the journal would be appreciated.

For the past few months, Scott Barbour's name has been listed as Sean Barbour. Not sure why but must be a MS thing. My apologies to Mr. Barbour.

Good dxing

73

Bob Montgomery




FOR SALE: ICOM R71-A in good shape. Includes owners and service manuals and two 12-volt DC kits. No modifications except that the pre-amp is enabled on medium wave. Price is \$325 plus shipping to U.S. locations. I will ship in original box plus double box. Chuck Boehnke, P.O. Box 488, Keaau, HI 96749. Email to <kale@juno.com>.

Tropical Band Loggings

2000-5900 kHz

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

- 2310 **AUSTRALIA ABC** 1112 M in EE, //2325, 2485, all poor 7/27. (Lineback-KS)
- 3220 **NEW GUINEA R. Morobe**, 1108 Vern pops, fair 7/27. (Lineback-KS)
- 3235 **NEW BRITAIN R. West NB** 1107 Vern pops, ute QRM, poor 7/27 (Lineback)
- 3270 **NAMIBIA Namibia BC** (presumed) 7/17 0041 EZL mx; rel choir; pop mx Foriegner "I want to know what love is" YL 0100 w/tent ID in EE ment "Namibia" very weak vocal audio; poor 7/17. (Barbour Jr NH)
- 3275 **PAPUA R. So.Highlands** 1107 M in Vern talk, poor 7/27. (Lineback-KS)
- 3290 **PAPUA R. Central** 1106 Vern pops, poor 7/27. (Lineback-KS)
- 3291 **GUYANA VO Guyana** 0333 US pop mx Starship, Bonnie Tyler, etc; solid ID 0343, YL w/tlk 0352* ? (nothing heard after this point) poor 7/14. (Barbour Jr NH)
- 3305 **PAPUA R. West** 1105 M in Vern talk, poor 7/27. (Lineback-KS)
- 3320 **SOUTH AFRICA SABC** 0411-0503 a woman talked in Afrikaans language followed by ID and talk by two men. Some religious choir music. 5+1 time pips at 0500 followed by ID and apparent news program. Fair signal and in the clear in USB to avoid heavy RTTY QRM. 7/20. (D'Angelo-PA)
- 3325 **BOUGAINVILLE R. Bougainville** 1133 M in EE/Vern, Vern pops, fair after Guat. f/o, 7/27. (Lineback-KS)
- 3325 **GUATEMALA R Maya** 0916-0925 ballads in SS, M 0921 w/positive ID; tlk . more mx 0923; fair 8/3. (Barbour Jr NH)
- 3345 **NEW GUINEA R. Northern** 1115 Vern pops, suddenly came up in strength at 1122 w/Vern talk, more vern pops, het against RRI 7/27. (Lineback-KS)
- 3355 **NEW GUINEA R. Simbu** 1058 Jul 27, Vern pops, fair (Lineback-KS)
- 3365 **NEW GUINEA R. Milne Bay** 1057 Jul 27, Vern pops, poor (Lineback-KS)
- 3375 **NEW GUINEA R. W.Highlands** 1056 Vern pops, poor 7/27. (Lineback-KS)
- 3375.1 **PERU Radio San Antonio de Padua** Hno. Rolando A. del Carpio Montalvo, Director, advises in an e-mail that they have been off the air for about a week due to natural disasters in the south of Perú resulting in the Arequipa region being declared an emergency. Snow, strong winds, and extremely low temperatures appear to be the problem. They are trying to obtain fuel for their generator in an effort to get the station back on the air to keep locals informed of the situation. (D'Angelo-PA)
- 3905 **NEW IRELAND RNI** 1055 Vern pops, ARO QRM, poor-fair 7/27. (Lineback-KS)
- 4755 **BRAZIL R. Educação Rural** Campo Grande (MS), 0136-0140. Brazilian ballads, station ID earlier on the day around sunset, SIO 444 8/6. (Riel-BRZ)
- 4783 **MALI R. Mali** 0620 weak copy of traditional music with male singer file://5995 heavy interference from "windshield wiper" 0622 different song begins, traditional music with male singer. Poor 8/8. (Beattie-Ventura CA.)
- 4820 **BOTSWANA R Botswana** *0255 bovine IS w/NA?; rel mx followed by devotional in vern. Crowing rooster 0307 followed by instrumental of Beatles "Obladi Obladi" poor 7/3. (Barbour Jr NH) *0252-0323 familiar barnyard interval signal followed by opening choral national anthem. A man gave ID and announcements, which was followed by brief tribal vocals. A program of pop and country music followed. Generally poor although strength did improve slightly around 0315; 7/24. (D'Angelo-PA)
- 4835 **MALI RTV Malienne** 0602 end of ID w/YL; M in FF w/mx, singing & stringed instruments until 0631; tlk in FF?; sig deteriorates at this point but // 5995 opened up and tlk w/2 M was heard; poor 7/11. (Barbour Jr NH) Also 2340- 0002* "Unchained Melody" in Fr @ other ballads; Om w/ closing anncmts (very weak audio) , NA @ s/off . fair 7/31. (Barbour Jr NH)
- 4890 **PAPUA National R.** 1109 Jul 27, EE nx by OM/YL, good (Lineback-KS)
- 4945 **BRAZIL R. Difusora Pocos de Caldas** (MG) 0149-0152 station ID and news bulletin at 0151, male and female announcer, SIO 344, 8/6 (Riel-BRZ)

- 4959.9 **DOMINICAN REPUBLIC Radio Cima** 0314-0352 lively Latin vocals with full ID at 0329 by male announcer in Spanish including address and website information. Although signal was very good, transmitter breaks noted at 0324 and 0331; 8/3. (D'Angelo-PA) 0200 ballads, talk, ID but I thought it was Radio Villa. 8/3. (Paszkiwicz-WI)
- 4965 **ZAMBIA R Christian Voice** 0000 nx in EE re US banks; solid ID 0003, "You are listening to Radio Christian Voice, Zambia" by M; into rel pop mx; very weak and fading rapidly, 7/25. (Barbour Jr NH)
- 4975 **BRAZIL R. Mundial** (SP), 0154-0156 end of news bulletin w/ station ID, followed by musical program, fair 8/6 (Riel-BRZ)
- 4991 **SURINAM Radio Apintie** (presumed) 0314-0346 continuous pop vocals until a man announcer spoke before returning to more music. Poor 7/22. (D'Angelo-PA)
- 4991.00 **SURINAM R. Apintie** 0840-0910 EZL mx in Dutch? Tlk w/M&W 0846, sounded like phone interview; positive ID by M 0900 during anmt w/ flutes? playing in background; M w/tlk separated by breaks of mx (horns; polka-like?). Signal grew weaker as sunrise approached here in NH; fair/good 8/3. (Barbour Jr NH) 0837 very weak but audible playing continuous mx. Tentative but possible ID at 0842 by male announcer. Some talks in local language and back to more soft mx. S4 signal level with QRM. 0915 signal level up to S7 but usual low audio still there. Female announcer at 0917 with possible ID. 8/4. (Montgomery, PA)
- 4995.6 **PERU Radio Andina** 0305-0404* woman with Spanish religious talk, brief music, man with echo effect ID at 0310. Retuned at 0400 to hear woman still going strong with short music selection ending broadcast; 8/4. (D'Angelo-PA)
- 4995.6 **PERU R. Andina** (tent) 0159-0203, SS station ID just before TOH, religious(?) program at 0200, poor 8/6. (Riel-BRZ)
- 5010.00 **INDIA All India R Thiru'puram** 0024 mx. Nearby het but audible most of the time. ID is tentative but is sure to be this station. M anc at 0024. Fades into noise & back. Nice subcont. mx. S5 signal level 7/15. (Montgomery, PA)
- 5015.16 **BRAZIL R. Brasil Tropical** (MT) tentative 0206-0227. Brazilian ballads, male announcer, talking mostly down in the noise, only picked up "...il Tropical" between two songs, poor 8/6. (Riel-BRZ)
- 5020 **SOLOMON IS SIBC** 1111 BBC WS EE, poor 7/27. (Lineback-KS)
- 5029.1 **COSTA RICA TIRWR** Gene Scott, 0231-0234, English language preaching and shouting, //5935, Fair 8/6. (Riel-BRZ)
- 5030 **BURKINA FASO R. Burkina** 0545 FF, high life music into M talk in vernacular to 0555, flute music and singing in vernacular to 0557, more high life music 0600. FF anmts, mentions of Burkina Faso and Ouagadougou, into news headlines. 0604 French announcer mention of "festival" into more high life music to tuneout 0615. Good signal over the usual Gene Scott on this frequency. Fair 8/6. (Beattie CA)
- 5070 **USA WWCN** (P) 0235-0236 EE evangelical lecture; fair 8/6. (Riel-BRZ)
- 5085 **USA WWRB** (P) 0237-0238 EE "wacko sales talk" (religious), "we predicted Sept 11, we predicted the stock market...", fair 8/6. (Riel-BRZ)
- 5130 u **UNID** 0248-0300, music, flute suggests that it might be Andean/Latin American, talking way down in the noise, no carrier, poor 8/6. (Riel-BRZ)
- 5134 **BELARUS Moskva/Mayak** (P) 0307-0310, Slavic talking w/jingles, poor 8/6. (Riel-BRZ)
- 5241 l **ARGENTINA Radio Continental** 0345-0400, religious program in Spanish, full ID 0356. Cards from listeners 0357. The feeder listed as 5240 on Mohrman's excellent page (<http://www.sover.net/~hackmohr/sw.htm>) seems to have moved up 1kHz. 8/13. (Riel-BRZ)
- 5500.1 **PERU Radio San Miguel** (T) 0200-0204* M w/SS talk (possibly sign off routine), instl mx. Weak & lost of s/off. 7/25. (D'Angelo-PA)
- 5678 **PERU R. Ilucan** 0131 S5 signal level, weak audio. By 0145 audio better but not enough to get the ID. But some nice Peruvian tunes in SS. ID tentative here in the past. Recheck next nite 0135 M ID. Very nice copy, S7 signal level with some fades. 25 Jul 02. (Montgomery, PA) 0222-0230* M SS talk, female vocal. 0226 M ID & s/off anmts, no NA. Fair 7/25. (D'Angelo-PA) 

International Band Loggings


5901-30000 kHz

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

- 5995 **MALI R Mali** in Vern 0627, traditional mx w/choral singing, ancmts, f, //4783, g (Beattie CA 8/8)
- 6040 **BRAZIL R Clube Paranaense** Curitiba in PT 0903, ancmts, rooster crows, vocals, phone discussion w/another OM, p-f (D'Angelo PA 8/6)
- 60899 **CHILE R Esperanza** Temuco in SP 0800, "Noche de Esperanza", mix of lite Christian vocals and relig tlk, complete ID and fqys 0858, co-chan QRM from R Bandeirantes (Berg MA 7/14)
- 61348 **BOLIVIA R Santa Cruz** in SP 0918, rustic vocals, ID 0926, fair w/QRM (D'Angelo PA 8/6)
- 6265 **ZAMBIAR Zambia 1ZNB** in Vern*0248, IS, choral NA, drums, opening ID, tribal voices, f (D'Angelo PA 8/4)
- 7210 **BENIN RTV Cotonou** in FR 2219-2302*, radio drama, credits, ID, NA, f-vg (Barbour Jr NH 7/31)
- 9510 **UNITED KINGDOM BBC** Rampisham in RS*0200, Big Benchimes, pips, ID, nat/regnx, g (McGuire MD 7/19)
- 9580 **GABON Afrique #1** Moyabi in FR 0533, nx, several field rpts, ID, p, QRM (Barbour Jr NH 7/11)
- 9610 **IRAN VOIRI** Kamalabad in EG 0058, mailbag, contest pgm (Paszkiwicz WI 8/3)
- 96452 **BRAZIL R Bandeirantes** São Paulo in PT 0024, tlks by OM, ID, promo, spirited discussion by 2 men with some mx segments, f (D'Angelo PA 8/2)
- 9690 **SPAIN China R Int** relay in CH *0200, IS, ID, national/regional nx, g (McGuire MD 7/26)
- 9790 **CANADA China R Int** relay in EG 0100, IS, ID, national nx, ment Taiwan, g (McGuire MD 7/27)
- 9920 **PHILIPPINES FEBC** Manila in Rade (Vietnam dialect) 1320-1330*, tlk in Vern, s/off with familiar FEBC IS, good reception at S-7 level for 35 kw output (Treibel WA 8/10)
- 11730 **NETHERLANDS RN Flevo** in DT *0130, ID, fgy, sked, pips, "Newsline", g (McGuire MD 7/10)
- 11735 **INDIA AIR** Bangalore in Pashto 0240, Hindi vocals, ID, p-f with much QRM (D'Angelo PA 8/6)
- 11787 **IRAQ R Iraq Int** Baghdad in EG 0131, nx re UN, Zionists, Palestinians, cmntry re 1991 UN resolut'ns audio over-modulated, p (Barbour Jr NH 7/4)
- 11820 **POLAND R Polonia** Warsaw in EG *1159, IS, ID, nx bulletin, "Europe East" w/rpts from R Austria, R Prague, and R Slovakia, rapid signal fade by 1218, p (Barbour Jr NH 7/13)
- 11880 **SEYCHELLES FEBA Radio** in SH? 0400*, "Spotlight" relig pgm in EG, ID, f (D'Angelo PA 7/14)
- 11900 **BULGARIA R Bulgaria** in EG 2100, IS, ID, fgy, sked, national nx, f (McGuire MD 7/14)
- 11905 **THAILAND RT** Bangkok in EG 0029-0107, tlk by YL, 5+1 pips, ID, beautiful Thai vcls, instrum'l, p-f signal strength but muffled audio (D'Angelo PA 8/2)
- 11920 **CANADA RCF** Sackville in EG 2200, ID, fgy, sked, "The World This Weekend" (McGuire MD 7/7)
- 11980 **GUAM KSDA** Agat in EG 1331, bcst of AWR "Wave Scan" DX pgm, f (Costello NJ 7/14)
- 15105 **NETHERLAND ANTILLES Deut Welle** relay via Bonaire in EG *0300, IS, ID, rpt on assassination attempt in France, g (McGuire MD 7/15)
- 15425 **SRI LANKA SLBC** Colombo in EG 0050, songs by "Christian Family" group including "We'll Sing in the Sunshine", pips 0100, sermon about forgiveness, exc, //9770 (Costello NJ 8/5) ED: Only 35 kw
- 17605 **NETHERLAND ANTILLES R Nederlands** relay Bonaire in EG 2005, world nx, rpt on the Middle East, mention of Algeria, ID, p (McGuire MD 7/14)
- 177552 **QATAR Qatar BCS** in AR 0240-0320, open carrier until 0258, mx, tlk in AR, ID "Arabiyah Qatar", very weak signal (D'Angelo PA 8/1, Barbour Jr NH 7/4)
- 17815 **BRAZIL R Cultura** São Paulo in PT 0210-0252, pgm of romantic vocals hosted by OM with tlks, p-f with QRM from R Romania during last 15 minutes of listening (D'Angelo PA 7/19)
- 17875 **AUSTRIA R Africa Int** relay via Moosbrunn in EG/FR *1500-1533, ID in both langs, song "Baby Come Back to Me", "Sports Africa" re futbol & Nigerian basketball championships, mx in FR/EG, into full FR pgming at 1531, p-f (Barbour Jr NH 7/8)

Clandestine, Tentative, Presumed, or Unknown

- 7310 **CLANDESTINE Radio Voice of the People** via Madagascar relay in EG 0333-0403, interview with Zimbabwa singer and performance of some songs, ID, into political cmntry at 0400, fair signal but degrading after 0400 (Beattie CA 7/24) in EG/Vern 0335-0420, pgm of lively African vocals and Instrumentals, brief ancmts, ID 0404, f-g signal but severe QRM after 0348 (D'Angelo PA 8/3)
- 9945 **CLANDESTINE Fang Guang Ming Radio** via Armavir, Russia relay in CH 2152, continuous Asian mx in background which never seemed to relate to tlks, jamming?, drums at 2200 s/off and jamming? mx also stopped, p (Barbour Jr NH 7/16)
- 15670 **CLANDESTINE V of Oromo Liberation** via Juelich, Germany relay in Amharic? 1759*, YL w/talk Until Horn of Africa type vocal at 1756, s/off ancmt and instrum'l mx, g (D'Angelo PA 7/14)

Only six contributors to the IBL this month. Too many other things to do outdoors in the sunshine, and only fair to middling reception conditions during the summer months could be the answer 

More on last month's cover:

The August cover featured the front of the 16-page bulletin, The Globe Circler dated July, 1942. It was published by the International DX'ers Alliance located in Normal, Illinois and the price was \$1.50 for a one-year membership with the Globe Circler included. Illinois is still a great SWL state, but the prices have changed a little. Below are some frequencies in the 13, 16, and 19 meter band from 1942.

SHORT-WAVE BROADCASTING STATIONS

SYMBOLS: N — NEW stations; F — Frequency changes; S — Change in sked; J — Stations persisting in hopping about; V — Varying in frequency; * — See shortwave notes **IMPORTANT** English news periods are indicated in list as NEWS.

METERS	MEGS.	CALL	STATION	LOCATION	TIME	EASTERN WAR
13 METER BAND						
—	13.86	21.84	GRZ	London, England	7:15-8, 8:15-9am	
—	13.92	21.55	GST	London, England	9:45-11:15am to S.A.	
—	13.97	21.47	GSH	London, England	6:45-11:15am to Africa	
—	15.31	19.59	2R017	Rome, Italy	7:30-9:30, 11:30am-12:45pm	✓am
—	16.61	18.065	PCV	Kootwijk, Holland	7:30-11:45am...News 7:45, 8:45, 10:30, 11:30	
16 METER BAND						
—	16.64S	18.03	GRQ	London, England	7-9:30am (Sun. 6:45-9:30am)	
—	16.77S	17.89	GRP	London, England	6:45-11:15, 11:30-12:30, 1:15-3 to NA, 3:00-3:15, 3:15-5pm to NA...News 2, 4:45pm.	
—	16.81	17.85		Vichy, France	7:30-8:15am to NA, 8:30-9:15, 10:45-11:30a	
—	16.81	17.845	DJH	Berlin, Germany	3:45-11am	
—	16.82	17.84		Athlone, Ireland	8-9:30am, 1:30-2:15pm...News--1:45pm	
—	16.83S	17.83	WCDA	New York City, N.Y.	4:50-11pm	
—	16.83	17.83	LRA5	Buenos Aires, Argentina	Fridays 5-5:30pm	
—	16.84S	17.82	2R08	Rome, Italy	7-7:25, 8:50-9am to NA, 1:30-2:50pm to NA.	
—	16.84S	17.81	GSV	London, England	3-4:15, 6:45am-1:30pm	
—	16.85	17.80	OIH	Lahti, Finland	7am-1:30pm, or later /am, 12:30-12:45pm	
—	16.86S	17.79	GSG	London, England	6:30-7:30, 7:45-8, 9:30-10:45, 11:15-11:30-3:15-4:15am approx.	*
—	16.87S	17.785	JZL	Tokyo, Japan	9am-4:40pm to Europe	
—	16.88S	17.77	2R07	Rome, Italy	8-9, 10-11, 11:30am-12:55pm.	*
—	16.89S	17.76	DJE	Berlin, Germany	2:30-7, 7-9:30, 11am-11:45am.	*
—	16.90S	17.75	WRUL	Boston, Mass.	10-10:55, 11am-12:30; Sun. 10am-12 noon.	
—	17.36n	17.28	FZES	Djibouti, F.Somaliland	Heard very irreg.	*
19 METER BAND						
—	18.93N	15.85	WCW	Hicksville, N.Y.	9am-5pm.	*
—	19.42S	15.45	GRD	London, England	3-4:15am to N.Z./8:40pm; Su. 9:10-11:40am	
—	19.48	15.40	PZK5-PZC	Paramaribo, Dutch Guiana	7:40-9:40pm ex.Sa/Su; Sa. 5:40-10:30pm to NA, 12:45-1, 1:15-2:15, to NA, 2:30 to 2:45, 3:13-3:30, 4-5pm to NA...News 7, 9am,	
—	19.51S	15.39	GRE	London, England	3-4:15, 6:30-6:45, 6:45-11:15, 11:30am-12:30pm to NA, 12:45-1, 1:15-2:15, to NA, 2:30 to 2:45, 3:13-3:30, 4-5pm to NA...News 7, 9am,	
—	19.53	15.36	DZG	Berlin, Germany	1-3:15am, 12:30-2pm /Noon, 2, 4:45pm.	
—	19.54S	15.35	WRUW	Boston, Mass.	10-10:55, 11am-12:30pm, 1-6:30pm ex.Sun;	
—	19.56	15.34	DJR	Berlin, Germany	1am-12 noon to Asia /Sun. 10am-Noon.	
—	19.57	15.33	WGEA	Schenectady, N.Y.	9am-6:30pm	
—	19.57	15.33	KGFI	San Francisco, Calif.	7pm-12 mid.	
—	19.58	15.32	DXU	Berlin, Germany	7-9:30am /10:45am 1-2:15pm.	
—	19.60S	15.31	GSP	London, England	1-4:15, 6:30-7:30, 8:15-8:30, 9:30-10, 10:30	

**WORLD OF RADIO, CONTINENT OF MEDIA, MUNDO RADIAL
BROADCAST SCHEDULE EFFECTIVE AUGUST 14, 2002**

It always pays to check all RFPI frequencies beyond their scheduled hours. Schedule shown is nominal, but it is not unusual for one transmitter to be down, and for programming to run up to an hour late.

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 [NEW: first airing of each edition]
Thu 2030 WOR WWCW 15825
Fri 2115 MR WWCW 15825 [or as early as 2110]
Fri 2230 WOR Studio X, Momigno, Italy 1584 1566 87.35 96.55 105.55
Sat 0100 COM RFPI 15039 7445
Sat 0130 WOR RFPI 15039 7445
Sat 0500 WOR WWCW 5070
Sat 0700 COM RFPI 15039 7445
Sat 0730 WOR RFPI 15039 7445
Sat 0800 WOR WRN1 to Eu, Au, NZ, WorldSpace AfriStar, AsiaStar, Telstar 12
SAM
Sat 0855 WOR WNQM Nashville TN 1300
Sat 1300 COM RFPI [SW suspended but webcast]
Sat 1330 WOR RFPI [SW suspended but webcast]
Sat 1730 COM RFPI [SW suspended but webcast]
Sat 1800 WOR RFPI [SW suspended but webcast]
Sat 1828 WOR WPKN Bridgeport CT 89.5 [week delay]
Sat 2330 COM RFPI 15039 7445
Sun 0000 WOR RFPI 15039 7445
Sun 0230 WOR WWCW 5070
Sun 0530 COM RFPI 15039 7445
Sun 0600 WOR RFPI 15039 7445
Sun 0628 WOR WWCW 3210
Sun 1130 COM RFPI [SW suspended but webcast]
Sun 1200 WOR RFPI [SW suspended but webcast]
Sun 1400 WOR WRN to North America, also WLIO-TV Lima OH SAP
Sun 1630 WOR Studio X, Momigno, Italy 1584 1566 87.35 96.55 105.55
Sun 1830 WOR RFPI [SW suspended but webcast; often as substitute]
Mon 0030 WOR RFPI 15039 7445 [often as substitute]
Mon 0330 WOR WSUI Iowa City IA 910 [week delay]
Mon 0415 WOR WBCQ 7415 [ex-Thu from Aug 19]
Mon 0630 WOR RFPI 15039 7445 [often as substitute]
Mon 1230 WOR RFPI [SW suspended but webcast; often as substitute]
Wed 0100 WOR RFPI 15039 7445
Wed 0200 COM RFPI 15039 7445
Wed 0700 WOR RFPI 15039 7445
Wed 0800 COM RFPI [SW suspended unless on late, but webcast]
Wed 0930 WOR WWCW 9475
Wed 1300 WOR RFPI [SW suspended but webcast]
Wed 2100 MR WWCW 15825

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

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

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

Webcasts at times shown are available from all stations
except WWCW, WNQM, Studio X.

WRN: <http://www.wrn.org/live.html>
RFPI via SW feed: <http://www.boinklabs.com/ifpi.html>
RFPI direct webcast: <http://195.210.0.134:8004/listen.pls>
WPKN: <http://www.wpkn.org>
WSUI: <http://wsui.uiowa.edu>

Good listening, Glenn Hauser

the **CPRV** page

COMMITTEE TO PRESERVE RADIO VERIFICATIONS

JERRY BERG, Chairperson • 38 Eastern Ave. • Lexington, MA 02173 • (617)-861-8481



Latin America was no less attractive a DX target in the 1930's than it is today, but there were many more stations operating back then. Here is one: YNLG, "Radioemisora Ruben Dario," in Managua. This verif, which is from 1939, is in the classic, old fashioned style that one still sees from the Americas from time to time. Of course, in 1939 it wasn't old fashioned. Shown here are three of the four panels of a folding card (the fourth is similar to the bottom panel, but in Spanish). The frequency was 6610 kc., reminding us that there was a great deal of out of band broadcasting from Central and South America, particularly in the 6 and 7 mc. bands. Other Nicaraguans active back then included YNAS, Ondas del Xatatlán, 6300; YNBH, Radio Panamericana, 6550; YNPS, La Voz de Nicaragua, 6760; YNOW, La Voz de la America Central, 6850; YNAO, Ecos del Aire, 7360; YNET, La Voz de la Sultana, 7502; YNLAT, La Voz del Mombacho, 7615; and one even higher in frequency, YNXW, Radio America, 8170 kc. +++ I'd like to take this opportunity to thank all those who have supported the CPRV. We now have roughly 25,000 QSL's under roof. That includes duplicates, of course, plus some material that is relatively modern. But we now have what must be the best single collection of shortwave and medium wave QSL's in existence, some as old as 1921. You may not go back quite that far, but if you are interested in providing for the future of your QSL's without the hassle of wills and other complications, send us a business size SASE for our brochure. 73 -- *B*

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"Rubén Darío"

POTENCIA

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Xnl. On. Ynlst 50

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Sa. Av. - Casca

Dr. Richard Daneker,
Dear Friend:

Glad you heard us, and we verify your reception on November 6th, 1939. We want you to remain as our listener, and pass the literature we are sending you, to one in need.

Agradecemos Esperamos sus nuevas reportajes, de antemano gracias. -

Mil gracias por su atento reportaje a nuestros programas

de 6 de Noviembre de 1939, que hemos verificado correcto

PSE SEND your report and QSL

TKS FOR

VY 73 DX OM

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