

# NASA

# the JOURNAL

NORTH AMERICAN SHORTWAVE ASSOCIATION

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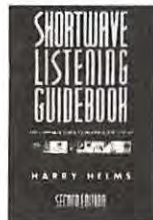


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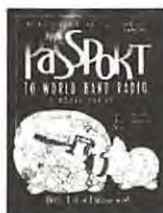
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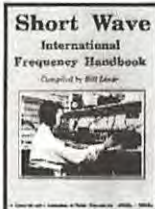
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# NASWA Notes

Richard A. D'Angelo

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Internet: r.dangelo3@genie.geis.com

**C**hanges... changes... Based on feedback from a number of members, we are expanding the number and type of items that appear in our Calendar Of Events each month. To assist members with their long term planning, we are including preliminary information about the Winter SWL Festival coming up in March 1996 and the 1996 EDXC Conference in Florence, Italy. Also, we will begin printing information about shortwave listening contests such as the North American DX Championships as it becomes available. As usual, we would love to hear from you about these changes. Why not jot down your thoughts for a musing today.

Congratulations to our friend and colleague **Dave Marshall** and the entire staff of the All Ohio Scanner Club (50 Villa Road, Springfield, OH 45503-1036) on publication of its 100th edition of the *American Scannergram* bulletin. This is quite a milestone. Nice work!!! If you are interested in scanner monitoring and live in the northeast, why not send US\$2.00 to Dave for a sample bulletin. The AOSC is an ANARC member club.

Buried deep in the Journal last month was a mention of a new item designed by our own **R. Charles Rippel**, The *NASWA DX Country List & Station Guide*. This is an excellent DX tool that should be utilized with the club's *Country List and Awards Program* booklet.

## ANARC SWL Ham Net

Tune in Sunday mornings at 10 A. M. Eastern Time on 7240 LSB for the latest in shortwave listening, DX tips, and up to the minute hobby news. Contributors share their DX tips via their own amateur radio stations or by telephoning a "gateway" station who then broadcasts the relayed tips. Net Controls Bob Brown KW3F, Hausie WB4JSP, and Tom Sundstrom W2XQ, host an always lively gang of DX monitors. (Best heard in the eastern half of NAm)

This 33-page booklet will assist in tracking your QSL's responses and country totals. I have seen a copy of this guide and I can recommend it highly. Chuck has really done a nice job with this one. It is well worth the US\$12.50 (which includes shipping!). Order through the Company Store (The Company Store, c/o Kris Field, 705 Gregory Drive, Horsham, PA 19044).

Oops!!! Last month's *Journal* was missing the popular *Listener's Notebook* column. We are really sorry about that but sometimes these things happen in an all volunteer organization. As a result, our editorial team is taking a look at how to prevent this type of occurrence from happening again. Your patience is appreciated. Also, last month's Special Feature about an exciting new software product designed for DX'ers was

## Welcome to the following new NASWA members -

David R. Bates, Chicago, IL  
Ray T. Davisson, Norton, OH  
Michael Hamann, Buffalo, NY  
Craig D. Herring, Pine Grove, PA  
Bill Paskis, Schererville, IN  
Lester L. Peters, Virginia Beach, VA

Nathaniel S. Terry, Wellfleet, MA  
Paul Vanrossen, Las Vegas, NV  
John T. Wagner, Pickerington, OH  
Clint Willson, Libertyville, IL  
Robert S. Wilson Jr, Rockville, MD

Our Motto is - "Unity and Friendship"

## Calendar Of Events

- Oct 20 Meeting. Philadelphia Area NASWA Chapter.** Kulpsville Holiday Inn, Kulpsville, PA at 7:30 PM. For more information contact Dan Cashin at 215-446-7831.
- Oct 20 Meeting. Boston Area NASWA Chapter.** The Lexington Club, Rts. 4 & 225, Lexington, MA at 7:30 PM. The location is 1/4 mile west of Rt. 128, Exit 31. For more information contact Paul Graveline at 508-470-1971 or Internet: 74007.3434@compuserve.com
- Oct 21 Meeting. The Miami Valley DX Club** (all band orientation) meets at 1:00 PM. For more information plus this months meeting location contact Dave Hammer at 614-471-9973 or write to MVDXC, Box 292132, Columbus, OH 43229-8132.
- Oct '95 Contest. Tropical Co. RAD, 1995 Contest.** Further information is available from CO. RAD, c/o Marco Cerruti, P.O. Box 146, I-13100 Vercelli, Italy.
- Nov '95 Contest. 1995 Annual DX Contest** associated with Adventist World Radio's DX program, "AWR Wavescan." See this month's NASWA Notes for details.
- Nov 05 Meeting. The Tidewater SWL's** meet at 6:30 PM. For more information plus meeting location contact Joe Buch at 804-721-2782.
- Mar '96 Contest. 1996 North American DX Championships.** Further information will be published in the Journal or you can send a self-addressed stamped envelop to 1996 NADXC, c/o Dr. Harold Cones, 2 Whits Court, Newport News, VA 23606. Information will be sent after the contest plans have been firmed up.
- Mar '96 Convention. The 9th Annual Winter SWL Festival** will be held at the Kulpsville Holiday Inn (Exit 31 on the Northeast Extension of the Pennsylvania Turnpike) on 22-24 March 1996. Organized by the "gang of three" this all wave gathering attracts over 200 hobbyists each year. Further information and the registration form will be printed in the Journal as we get closer to the event. We look forward to seeing many of our club members at the FEST once again.
- Apr '96 Convention. The 30th EDXC Conference** will be held in Florence, Italy on 27-30 April 1996. The Associazione Italiana Radioascolto ("AIR") is the organizing group. Detailed information is available from AIR, P.O. Box 30, I-50141 Firenze 30, Italy.
- May '96 Convention. The 1996 ODXA Convention** will be held at the Holiday Inn in Kingston, Ontario on 3-5 May 1996. More details to come.
- Members are invited to submit items to be included in this calendar to Rich D'Angelo (Internet: r.dangelo3.genie.geis.com) or Ralph Brandi (Internet: ralph@mtunp.att.com).

### FRENDX: Twenty Five Years Ago....


Executive Editor Bill Eddings announces that Roy Waite was named ANARC's "Man of the Year" for 1970. Member Wendell Craighead took over as ANARC Executive Secretary, replacing Gray Scrimgeour. Larry Magne joined the club; John Figliozzi renewed for his 3rd year, Al Niblack and Andy Rugg for their 5th year, and Gregg Calkin and Marlin Field for their 6th years. In Bill Matthews Shortwave Center column, Richard E. Wood writes about the "Growing Audience For Shortwave Radio" while Dr. Tom Williamson writes about his "Thirty-Three Years of DX - The Pre- War Years." Anthony Marks reports in the Newsroom that the WNYW Listeners Club is no longer in operation. Chris Lobdell presented the first of a three part African White List. In the Flash Sheet, editor Al Niblack thanks August Balbi and Grady Ferguson who had supported every issue he had edited.

written by **Chuck Rippel** (Internet: [crippel@exis.net](mailto:crippel@exis.net)). Finally, the brief NetNotes that appear from time-to-time are compiled by **Ralph Brandi** (Internet: [ralph@mtunp.att.com](mailto:ralph@mtunp.att.com)) and inserted into the *Journal* as space allows.

**Adrian Peterson** informs us about the 1995 Annual DX Contest associated with his DX program, AWR Wavescan, which is scheduled for November. All you need to do is (1) make up a list of your five best QSL's in priority order, (2) in one paragraph for each QSL, tell why you consider these your best QSL's, (3) send along a reception report for any AWR broadcast of the AWR DX program, Wavescan, (4) make some suggestions on how Wavescan can be improved, and (5) send all items, with return postage, to Wavescan DX Contest, Box 29235, Indianapolis, IN 46229. Entries must

be postmarked during the month of November to qualify. Five winners will receive a copy of the 1996 *World Radio TV Handbook* or *Passport to World Band Radio*, as they choose. Good luck and tell Adrian that you read about the contest in the *Journal*!

Just another quick reminder that our Distributing Editor, **Fred Kohlbrenner** (2641 South Shields Street, Philadelphia, PA 19142) awaits your loggings each month. He will forward them to the appropriate log report editor. Use Fred and save some money on postage as 20 members have done over the last few months. Incidentally, loggings can be sent to Fred at his Internet address: [fkohl@ix.netcom.com](mailto:fkohl@ix.netcom.com).

That's it for this month. Enjoy this month's *JOURNAL*; it's another good one. 

## Musings

*This column provides a forum wheras 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 are soley those of the submitters. Please submit all Musings to Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610 or via email - [rdangelo3@genie.geis.com](mailto:rdangelo3@genie.geis.com)*

**Marlin A. Field, 128 Oak Street, Hillsdale, MI 49242**

Jorge Zambrano of HCJB has just released a CD, "In The Family - Jorge Zambrano and Friends." It has 20 selections - part instrumentals, part vocals. It includes the Zambrano family with Ecuadorian music; and Jorge and friends with Latin American folk music.

The price is only \$7.00. I got mine at Church. Shipping shouldn't be more than \$2.00 or \$3.00. The U.S. address is Zambranos, 414 Werner Avenue, Glenlden, PA 19036-2009. 73, Marlin

**Bill Oliver, 45 Wildflower Road, Levittown, PA 19057**

I lost a friend last month. Ralph W. Liberty, owner of Liberty Press in Levittown, died just a few days after finishing the September issue of the *Journal*. Ralph had printed the *Journal* (and *Frendx*, as it's still called at the print shop) since I took over as publisher in February 1978, 212 issues ago. He was one of the nicest and most pleasant persons I have ever known, and he will be sadly missed by his family and a lot of other people here.

(Ralph will be missed!!! I had the pleasure of meeting him on those occasions when I accompanied Bill and Company to Liberty Print Shop with the *Journal*. It just won't be the same. RAD)

**Kirk Trummel, 1122 West University, Springfield, MO 65807**

Please accept my \$26 for another year of "The *Journal*." I've enjoyed the past couple of years and look forward to many more.

It began in 1976 when I discovered two bands on my Aunt's Portable radio marked SW1 & SW2. I used to make special trips over to her house just to tune that radio and listen to the distant

countries and bizarre sounds that could be heard. At the time, the only SW Publications I could get my hands on were some dated "Communications World" magazines. I read those until the covers fell off. I think my father noticed my new interest because that Christmas, a Radio Shack portable receiver materialized under the tree.

I got my first QSL from Radio Havana Cuba dated 7-7-77 using that little radio. My best DX was Voice of Nigeria on 41 meters (and still there!). You were lucky to know where you were within 50 kHz with that little radio! I joined SPEEDX and soon figured out I needed a better receiver. My next receiver was purchased at a garage sale, it was a Hallicrafters S-38E. Now I was DXing! During this time, I started listening to the Hams and by chance our local Ham Radio Club was offering classes for the Novice Ticket.

I passed my Novice test in 1978 and my father rewarded my hard work with a Heathkit HW-16 transceiver. I slacked-off on SWLing as it was much more thrilling to work the world on 15 meters with 12 watts and a dipole. I can remember almost missing the school bus one morning because I had finally worked Australia! Getting my Ham ticket opened-up a whole new world for me: HAMFESTS!

My vocabulary was expanded with the term "Boat Anchors"! During 1979-1982 I played with Hallicrafters, Hammarlunds, Heathkits, Military, RME, Drake, Realistic, Yaesu and just about anything else that used tubes! My favorites were a Hammarlund HQ-150 which I logged Radio Nacional in Antarctica and listened to Andorra and Ireland just outside the 49 meter band. Another great receiver I used was a Hammarlund "Super Pro" SP-600. I had made the tuning charts for it and that was great getting within 2 kHz of where you wanted to be! During this time, I also had the pleasure of meeting Richard Pistek from Chicago. He brought his Barlow-Wadley receiver along and gave me a Springbok Radio pennant; RIP Richard.

With high school graduation, I signed on for a 4 year hitch with the US Army working on IFF and Radar. When I was stationed in Germany, a classified as in the Stars and Stripes caught my attention "For Sale: Yaesu FRG-7700." DXing in Europe was very enjoyable and quite different from what I had been use to. At that time, there were several stations active in Lebanon and they use to be my "regulars." I also enjoyed getting up early on Saturday and Sunday mornings to listen to the pirates.

I didn't get back into DXing until 1986 when I passed my General Class test and till 1990 I worked 268 countries on the ham bands.

In 1993, a chance encounter with a Sony 2001 sparked my interest again and soon I picked-up a Drake R-4B receiver and Xtalled it for SWBC bands. I recently acquired my "dream machine" a pristine Collins R-391 which I've been putting to good use. Computers and Internet have been the most wonderful tools for DXing. I use GeoClock, HamComm and JVFax for SWLing now in addition to all the skeds I can get my hands on and into the computer. It's almost like having a WRTH "on line."

See ya! Kirk

(Kirk, great story! Thanks for sharing it with us. Stories on how we got interested in the hobby always make for great Musings. How about other members sharing their stories!!! RAD)

**Richard A. D'Angelo, 2216 Burkey Drive, Wyomissing, PA 19610**

DX'ing activity has been minimal for many months. For some reason I just can't seem to get into the swing of things. I have a ton of follow-up reception reports to catch on with... and there are lot's of new things out there to try for since my last trip to Gifford Pinchot in early April... but I can't seem to get motivated. Perhaps an upcoming scheduled outing to GP will help kick-off the DX season in style.

Much of the computer software I've read about has had little or no application to my DX'ing needs. However, last month's Special Feature about "First Rate" software just may be the title that has me thinking about computers and DX'ing together. Thanks for the information Chuck!

73 - RAD

# Easy Listening

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Internet: rcuff@memtec.com

## Yawn...

Some major international broadcasters are placing increasing schedule information on Internet World Wide Web pages. Given that seasonal program schedule changes have just recently taken effect, the information available on Web pages has been helpful in putting together the column this month.

One key downside in getting Web information is that the process can be sloooooow. For example, I downloaded portions of Radio Netherlands' semiannual program guide *On Target* from the Web, but I could have read a paper copy cover to cover in the time it took to download. Don't blame Radio Netherlands, as the problem lies more in the traffic between Maryland, my Internet service provider, and the Netherlands. Hopefully, as modems and computers continue to get faster, the whole process of data transmission can become more transparent to the end user.

The good news in all this is that Radio Netherlands has done a nice job in providing advance program information in their Web pages, a rarity to this point among those broadcasters having Web pages. Hopefully other broadcasters will learn from Radio Netherlands' experience.

## Radio Netherlands Highlights

After nearly 67 years, **Happy Station** is off the air, at least in English. Over the years, the format had certainly changed. From Eddy Startz' gimmicks like "A Nice Cuppa Tea", Souza Marches and Animal Farm Sounds, to Tom Meyer's Easter Egg Hunt, some of the world's first telephone call-in shows and the Birthday Book, to Pete Meyers' emphasis on audience participation in the show itself, the program's character has clearly evolved. In comparing the most recent effort to the original, it was clear times and tastes had

changed to the point where Radio Netherlands was making a program to fit a name and not to serve the majority of the audience. The last broadcast was Sunday, September 17th. However, Radio Netherlands' commitment to entertainment remains. Many of the documentaries, as well as **Siren Song**, **Sounds Interesting** and **Sincerely Yours**, will fill the gap but in different ways.

Now in its second season, **A Good Life** continues its thoughtful look at themes of development, from health and education in Africa to women's roles and communications in Asia, to environmental issues and sustainable development in the West. Host Ginger da Silva is preparing a series of special reports called "The Portland Portfolio," which look at several projects in that West Coast US city. One is designed to help inner city children achieve more success in school, another to give young people more community focus and the chance to complete college, and a third is modeled on community development banks in Third World countries.

**Sounds Interesting** looks at Europe with a Dutch accent, and with the increased interest in Eastern Europe, and October brings "The Baltic Connection," a series on trade in medieval times. Host Robert Chesal ventures from Bergen in Norway, to Stockholm and Visby in Sweden, the Estonian capital Tallinn, and Luebeck, Germany. These cities were very important to the merchants of the Hanseatic League, the first European trade bloc. Today, with the struggle to establish monetary union in the EU and to open up trade between Western countries and the old Communist bloc, it's interesting to see how politicians in many former Hanseatic cities are trying to revive the spirit of the League.

From October 11th through November 15th, the **Documentary** program slot will feature an encore presentation of Dheera Sujana's

award winning 6-part series *The Silver Screen, a Golden Past*, a look at a hundred years of Cinema. Highlights for upcoming documentaries from mid-November through to early December will be featured in the November column.

## Target Topic: Arts and Cultural Programs—Mini-review

The cavalry has arrived! I'm pleased to introduce the first *Easy Listening* contribution from NASWAN Peter Bowen of Toronto, Ontario, Canada. Peter has accepted the challenge of contributing monthly reviews of a shortwave program fitting into the month's Target Topic. From the conversations I've had with Peter, I expect his insight will significantly enhance the quality of *Easy Listening* every month. For those of you that know John Figliozzi, Peter appears to share many of John's approaches to shortwave radio listening as a separate discipline from DXing.

One thing you'll notice in Peter's first review is his focus on program presentation, in addition to content. Perhaps it's my own style—I tend to overlook a program's presentation and look solely at content. This is one reason I'm very to have Peter's help with these reviews. His first review is of *Deutsche Welle's* arts magazine program, *Backdrop*, and that review follows.

\* \* \*

*Backdrop* is *Deutsche Welle's* self-described "arts magazine" program, broadcast to Europe and North America. Because it has a magazine format, the program is composed of several discrete items during its fifteen minute transmission time. The tendency appears to be to favor the more traditional arts subjects (for example, classical music), which contrasts with other arts programs on shortwave, such as *Radio Netherlands' Mirror Images*, which focus on newer arts subjects and issues.

A series of reports on different topics are broadcast in each program, with the presenter providing the usual linking script. These are

not simply scripted reports, but include lots of sound actuality, including interviews with arts personalities (and voice-over translations when needed) as well as music.

The subject matter of the reports is interesting and engaging—the listener is not bored, especially when a variety of sound actuality is used. The reporters themselves, however, tend to be somewhat dry, monotonous, and colorless. This in turn means that the program is duller than its subject matter would indicate.

This bland and colorless method of presentation is a feature common to many of *Deutsche Welle's* other programs. Some programs do in fact require a bland presentation, such as the news (where the facts are to be presented with no trace of subjective opinion, emotion, or bias). Many, however, are enriched by some color and personality in their presentation, without going too far, of course.

*Backdrop* is a good example of general *Deutsche Welle* programming. It is a well-scripted, well-produced, professional program that provides interesting subject matter. It lacks character, however, and thus comes across as rather bland and lackluster.

\* \* \*

I might add that one distinguishing aspect of *Radio Netherlands' program* presentations is the care given to the presentation style itself; a touch more colorful and engaging than *Deutsche Welle* typically incorporates. If you have other favorites when it comes to program presentation, drop a note to ye olde editor.

## Other Arts and Cultural Programs

The shortwave spectrum has plenty of entries in this category; arts and cultural reviews are a staple for many broadcasters. Most look at current or forthcoming art exhibitions within the broadcaster's country, or else profile the works of artists native to the broadcaster's country. Courtesy of John Figliozzi's *Shortwave RadioGuide*, here are some selected offerings:

Time	Days	Station	Title
0020	Monday	China Radio Int'l	China Scrapbook
0020	Sunday	R. Prague	The Arts
0030	Sunday	R. Sweden	Spectrum (fortnightly)
0039	Friday	Spanish Foreign R.	Cultural Clippings
0039	Saturday	Spanish Foreign R.	Weekly Review of Arts and Music
0040	Friday	China Radio Int'l	Culture in China
0053	Wednesday	R. Netherlands	Mirror Images
0108	Monday	R. Canada Int'l	Arts in Canada
0110	Wednesday	R. Slovakia Int'l	History and Culture
0115	Saturday	R. Slovakia Int'l	Cultural Happenings
0135	Wednesday	Deutsche Welle	Backdrop
0230	Thursday	V. of Free China	Journey Into Chinese Culture
0230	Mon-Thu-Sat	BBC Americas	Meridian
0430	Friday	Swiss R. Int'l	Mosaic
0710	Sunday	R. Australia	Australiana
1110	Sunday	V. of America	Critic's Choice
2115	Saturday	BBC Americas	On Screen
2335	Thursday	V. of Turkey	Our Ambassadors of Art
2343	Thursday	RVI	Around the Arts

## BBC World Service Highlights

### News and Feature Programs

Weekdays, 1105 and 1210: A new morning edition of **Caribbean Report** airs on 15220 and 6195 kHz. You'll hear a recap of regional overnight news and a look ahead to the day's likely stories. A Caribbean business program airs weekdays at 1210.

Sundays, beginning October 1st, 0350: **Just A Taste** is a new six-part 10-minute series on cooks and cooking around the world. Cooks from different countries prepare their favorite dishes and provide cultural background to a dish's notoriety. Also repeated Sundays 1405.

Sundays, 0530 to Europe: You may remember last month's mention of **Weekend**, a current affairs program airing only in the European release. It's an interesting program hosted by names you may be familiar with from other European stations. The program I sampled consisted of an interview with a key European Union official conducted by Radio Netherlands' Teo Thomas.

Mondays, beginning October 2nd, 1515: **20/20: A View Of The Century** is a new five-part 45-minute series of essays reflecting on the passing of the 20th century at the doorstep

of the 21st century. The series is presented by John Tusa, former managing director of the World Service, and explores the 20th century through a series of themes. *Dreaming*, *Controlling*, *Exploring*, *Enjoying*, and *Living* are the five themes explored in this first series of programs. For example, *Dreaming* explores how the 20th century was characterized by aspirations for the betterment of society as a whole. A total of 20 installments are planned over the next two years; only these first five programs are currently scheduled. Also airs Mondays 0715 (to the Americas) and Sundays 1515 (to Europe).

Wednesdays, 1505: **Writers In A Nutshell** is a new ongoing 10-minute series offering a concise profile on some of the greatest 20th century writers, exploring their major themes and preoccupations. Then you'll know why a situation is "Kafkaesque", or how so-and-so is behaving like a Hemingway character.

Fridays, beginning October 6th, 0730: **In The Lion's Den** is a new four-part 30-minute series of debates on 1990s ethical dilemmas. An expert witness in each topic joins the director-general of the Christian Evangelical Alliance and a Muslim writer and lawyer. Topics include euthanasia, homosexuality,

and the arms trade. Also airs Fridays 2315 to Europe.

**Tuesday, October 24th, 1201: United Nations Day** is marked by a religious service from Westminster Abbey featuring Archbishop Desmond Tutu and hosted by Mike Wooldridge, the BBC's Religious Affairs correspondent. The program lasts one hour and is not repeated.

### Science and Technology

**Wednesdays, beginning October 4th, 0315: A Week On The Web** is a new eight-part 15-minute series on new developments on the Internet. The program surfs the Net to see how news stories and hot topics are being debated and, possibly, influenced by Internet users. The program is designed to appeal to both technophobes and to veteran 'Net surfers, providing perspective on the week's news and the Internet itself. First airing Tuesdays 1630; also repeated Tuesdays 2230.

**Fridays, beginning October 6th, 0345: Soundbyte** is a new six-part 15-minute program on the world of computers and digital communications, ranging from on-line education to computer crime. The impact of these new technologies on our lives is also considered. Also airs Wednesdays 1145, and Fridays 1430 and 2230.

### Music and the Arts

**Sundays, beginning October 1st, 0230: The Musician's Musician** is a new 5-part 30-minute series profiling famous classical musicians and the musicians *they* were influenced by. For example, Sir Yehudi Menuhin pays tribute to Romanian violinist and composer Georges Enescu. Also airs Thursdays 1215.

**Saturdays, 2230: Plays Of The Week** include the following:

October 14, **Journey's End** is about a new British soldier's arrival at the French World War I front in 1918. He's commanded by an ex-school friend whose personality is radically altered after three years in battle.

October 21st, **The Winslow Boy** is the story of family loyalty and the "little man" and his fight for justice. A family challenges the Naval College and the British government to right a wrongful accusation.

October 28th, **Future Past** is an encore presentation of the winner of the 1993 Playwriting Competition about four middle-aged women holding an all-night wake to mark the suicide of the "perfect couple" who were their dear friends. The winning entries in the 1995 competition will be aired in November.

### Light Entertainment

**Sundays, beginning October 1st, 1530: Inspiration** returns for a 5-week 30-minute series of quizzes about inventions and discoveries. Both everyday matters and inventions never reduced to practice are considered, along with suggestions for inventions that haven't been developed...yet. Also airs Mondays 1130 and Tuesdays 1830 (to Europe).

### And In Conclusion...

That's all I have space for this month. Thanks to Gary Froemming, John Figliozzi, and Paul Hansen for recent notes. John asked me to mention that the next **Shortwave RadioGuide** edition should be available in December; NASWA is currently out of stock on the current hard copy guide.

Upcoming Target Topics include:

November: Inventions and Innovations  
December: Domestic Life programs  
January: Light Entertainment and Mailbag programs

As always, your contributions for these topics, and your suggestions for future topics, are most welcome. Until November,

73 DE Richard



## Radio Netherlands Bonaire Relay Station

by Jonathan Marks,  
Radio Netherlands

Three minutes before the start of each Radio Netherlands English broadcast you will hear frequency details read out over the air. Reference is usually made to the fact that the broadcast originates from transmitters in The Netherlands, or via one of the two overseas relay stations. One facility is on the island of Madagascar, the other on the island of Bonaire in the Netherlands Antilles.

### Location

If you take a map of the world and look just north of the coast of Venezuela...around 80 kilometres in fact, you should be able to find three islands. They are usually termed the "ABC" islands, though strictly speaking the order is ACB... "Aruba", "Cura-ao" in the middle, and the furthest to the East is "Bonaire".

Until 1986 all three islands formed part of the Netherlands Antilles. But Aruba has now been granted a separate status as part of its move towards full independence from Holland.

Although only 112 square miles in area, Bonaire is an island of contrasts. On the north side are the hills around Slagbaai, while the south side is completely flat. The island is one of the few remaining nesting places for the pink flamingo. These graceful birds were threatened with extinction a few decades ago. A sanctuary was created in the middle of the solar salt works, and now there are some 15,000 birds living on Bonaire. The climate on the island is dry with only 50 centimetres of rainfall a year. There is a permanent wind (around 25 mph) which blows

from the east across the island. The average temperature is around 27 degrees Centigrade, which is why Bonaire is becoming a winter tourist destination for visitors from North America.

The superb coral reef off the shores of Bonaire makes it one of the best diving spots in the world. There are several diving schools on the island who take guided tours to some parts of the reef. Other parts of the island are protected as a nature reserve. Bonaire's largest annual event is the sailing regatta each October.

### Language

Papiamentu is the language of the Netherlands Antilles. It's a melodic mix of Dutch, English, Portuguese and several vernacular languages of Africa. The people of Bonaire are superb linguists...most of them can speak fluent English, Dutch and Spanish besides Papiamentu.

There are several small villages on Bonaire, but most of the population of around 10,000 lives on the west coast of the island around the main town. It says "Kralendijk" on the map, but the locals call it "Playa" which simply means beach.

Lazing on the beach or diving in the clear turquoise water you can quite easily forget that the rest of the world exists. On the other hand, Bonaire has its own TV system brought in by satellite. "Flamingo TV Bonaire N.V." offers 12 channels, including Ted Turner's Cable News Network., the US ESPN sports channel, Disney Channel, a couple of Venezuelan TV stations, and "Tele-Cura-ao", which comes from the much larger island of Cura-ao just 30 miles west of Bonaire.

## Bonaire: A Radio Island

Bonaire has three radio stations. The combined output of these stations is 1,204.75 kilowatts, so you can imagine that Bonaire has its fair share of radio.

750 watts are needed by the local FM radio station, "Voz di Bonaire" (literally the "Voice of Bonaire"), another 4000 watts for the station "Ritmo FM". 650 kilowatts are used by the evangelical station, Trans World Radio, situated on the southern part of the island, and the remaining 550 kilowatts are being radiated from the Radio Netherlands Bonaire relay station on the northern part. March 4, 1994 marks the 25th anniversary since Radio Netherlands inaugurated its own transmitter site here.

The idea to build a relay station in Bonaire goes back to 16 September 1954, when the first stone was laid at the Lopik shortwave transmitting centre right in the heart of Holland. Upon hearing that the Netherlands was embarking on a plan to improve its external service, the Antillian government proposed that instead of building one huge station in Holland, Radio Netherlands should consider building part of the station in the Caribbean. The idea lay in a drawer for a few years.

In 1960 there were internal changes at Radio Netherlands. Dr. Leeuwe Frans Tijmstra became the director of the Dutch external broadcasting service. He began studying the expansion of overseas relay stations by the British Broadcasting Corporation, and came across the Antillian relay proposal. He inquired in Cura-ao, as to whether the Antillian government was still interested. They were, but the Dutch government was not! Shortly afterwards Jackie Debot, the Antillian Minister of Culture, told Radio Netherlands they couldn't wait any longer. They had signed a deal with Trans World Radio for the establishment of a medium and shortwave radio station in the Antilles.

Dr. Tijmstra immediately phoned Trans World Radio to congratulate them on their success, and suggested that Radio Netherlands was interested in hiring airtime, if it was available. At the end of 1963, the contract was sealed, and the following year Radio Netherlands programmes were being relayed by TWR Bonaire.

The small team of combined Radio Netherlands and TWR personnel were given the task of compiling daily 50 minute broadcasts. Some shows were pre-recorded four weeks in advance and shipped to Bonaire by airmail...but news and current affairs had to be picked up off the air using a sophisticated receiving system. Initially this consisted of a rhombic antenna receiving the regular AM transmissions from Lopik. Later, the Dutch PTT set up a special Single Sideband feed via a transmitter in Koewijk. This provided the relay station in Bonaire with a much better quality signal for re-broadcast.

## Separate Facility

It was now clear to the Radio Netherlands management that they needed at least two relay stations abroad to reach distant target areas with a competitive signal. Bonaire was ideal for the Americas and the Pacific, whilst Madagascar came under consideration for Southern and Eastern Africa plus Asia. Hiring time from Trans World Radio was successful in building up much larger audiences, but the ultimate goal was a relay station of their own. After some tough negotiations in The Hague, this was finally achieved, and in March 1969 it was ready to be inaugurated. Two 300 kilowatt shortwave transmitters had been purchased from the Philips company, and a large antenna array from Switzerland.

Although plans for a satellite feed of the studio signal were discussed the day after the station was inaugurated, it wasn't until 1978 that this was finally realized. This allowed Radio Netherlands to broadcast far more topical material, and it became one of the first shortwave broadcasters to use a satellite feed to an overseas relay station...first via a complicated route through Cura-ao, until a couple of years ago when an Intelsat receiving dish was installed on Bonaire.

## The Station Today

Just outside the town of Kralendijk is the satellite receiving centre and administration offices. The signal is sent over the satellite circuit from Holland in digital form. At the satellite receiving station the signal is then converted back into an audio signal and then sent by a cable and radio link to the transmitter site some 10 kilometres to the north-west.

It is a ten minute drive from Kralendijk to the transmitter site. As you drive along the coastal road, you not only see the antenna masts (the tallest is 105 metres high), but you can hear the constant wind blowing through the antenna rigging. The station has fourteen antennas beaming towards West Africa, the Pacific, North, Central and South America. An omni-directional antenna is used for the Caribbean service. Most of the antennas are curtain arrays, the beam direction being varied in a 30 degree arc by slewing.

## 5000 Litres a Day

When the station was established, there was not enough power generated on the island to supply it. So five diesel generators are currently installed, three running at any one time. These generate a total of one million watts to power the transmitters... this is about the same energy consumption per day as forty fully equipped houses consume in one month.

The diesel engines run for nine months and are then fully dismantled for maintenance. The generator house has no doors on one side of the building... the heat has to be allowed to escape. But even with the doors open it is 35 degrees C. in there. The relay station uses around 5000 litres of gas oil per day. Fuel deliveries are made weekly, although the station keeps several days supply in reserve tanks.

Salt air is one of the biggest enemies. Special anti-corrosion paint has to be used to prevent the antennas (and the supporting towers) from collapsing. Salt water from the sea is indirectly used to cool the generators and one of the old Philips 300 kW transmitters.

## 1992—the start of a new era

The desire by Radio Netherlands' programme department to make more flexible use of the facilities in Bonaire led to a review of the way programming is fed from the studios in Hilversum, Holland. On April 8th, 1992, Radio Netherlands was granted the first private licence from the Dutch government to own and operate an uplink facility. A satellite dish has now been mounted on the top of the studio buildings in Hilversum which beams programmes up to PanAmsat, positioned 36,000 km above Brazil. The power needed to do this is just three Watts!

The down-link on this satellite has an added bonus over the Intelsat route. Not only can the Bonaire relay be served with a second simultaneous programme feed, but radio stations in the Caribbean and South America can also receive the same studio quality signals. These stations use radio Netherlands programme material as part of their local transmissions on FM and medium wave. Research has shown that this provides a significant addition to the total listening audience. Similar projects are being developed in Europe and Africa.

Most people listen to the radio using a portable receiver. Although satellite technology is moving fast, receiving radio signals direct in the home is beyond the budget of most individuals. The satellite dishes installed in the Caribbean area for the reception of PanAmsat cost in the region of US\$2500. In March 1992 an important World Administrative Radio Conference in Spain gave the go-ahead for digital audio broadcasting from satellites.

Frequencies have now been allocated which permit radio signals from satellites to reach portable receivers. However, working satellite-based digital audio broadcasting systems are not expected before the second half of the 1990's. Mass production of suitable satellite receivers is still some years away and it will be well into the next century before the estimated 500 million shortwave receivers in use worldwide have been replaced.

Short-wave radio broadcasting therefore remains an important part of Radio Netherlands' multimedia approach to international broadcasting. The Bonaire relay station remains a vital link in getting Radio Netherlands programmes to listeners in the Americas, the Pacific, and especially Africa.

## Keeping the transmissions running

Radio Netherlands Bonaire relay station operates for up to 20 hours a day with just a few hours in the morning for maintenance. The staff therefore maintain a tight deadline when repair work has to be carried out. If you have ever experienced an electric shock from a mains appliance you can imagine how careful you've got to be when potentials of up to 28,000 volts are used in

modern transmitters. The components are expensive too.

Forty-two people currently work at the Radio Netherlands Bonaire relay station. A few are

Dutch, the rest come from all parts of the Netherlands Antilles. It is a hard-working team that work round the clock to make sure the programmes get to their destination.

## A DXers Atlas of South America

By Roger Chambers

### Ecuador

Ecuador, one of South America's smaller countries, is also one of the most diverse. While it includes the Galapagos Islands, this article focuses on the continental country. With just over 100,000 square miles, Ecuador is about the size of New York, New Hampshire, Vermont, and Maine combined.

Ecuador lies between 1 degree 30 North and 5 degrees Latitude and 75 degrees W and 81 degrees W Longitude. Bordering on Colombia to the north, and Peru to the south and east, Ecuador has a Pacific coast of over 1,000 miles. There are three broad regions, the coastal region (la Costa), the Sierra (the western and central Andes regions), and the East (el Oriente, including the eastern range of the Andes and the Amazon rainforest.)

La Costa extends from the Pacific to about 1650 feet elevation on the western edge of the Andes. It also includes a small range of volcanic mountains, the Chongon, or Puca Mountains. Temperatures are warm (mean temperatures of 73 to 77 degrees), cooling slightly with elevation. Rainfall ranges are 16-78 inches of rain, varying with the effects of the Humboldt Current. January to May is the rainy season.

The Sierra includes the western and central ranges of the Andes. There are many snow covered volcanoes and mountains, some over 20,000 feet. Climate varies considerably with altitude, from glacial areas to hot, tropical valleys, (hoyas).

El Oriente begins with the eastern range of the Andes and descends to Amazonian rainforest. This area is generally hot, (median temperature 73 to 81 degrees, heavy rains—up to 240 inches annually—and high humidity.) It is generally undeveloped and sparsely populated. The bor-

ders with Peru in this region are ill defined and under dispute.

Ecuador has a wide variety of plant and animal life. There are over 1,500 bird species (vs. some 700 in all of North America), a wide variety of bats, rodents, monkeys, and carnivores.

Ethnicity, Ecuador is complex. A variety of Amerindians compose 40% of the population, along with mestizos (40%), white (15%), and black (5%). While Spanish is the major language, various Indian are widely spoken, Quechua being the most important.

The 10.6 million population of the country is about 55% urban and 45% rural. There are 21 provinces. Major cities are Guayaquil (1.5 million), the capital Quito (1.4 million), and Cuenca (332,000). There is 1 radio for each 3.5 persons.

Industry is not well developed. While oil is of increasing importance, other mineral resources are not well developed. Agricultural products include tropical fruits (especially bananas), coffee, cacao, and shrimp. Transportation is difficult with less than 20% of the approximately 25,000 miles of roads being paved. Radio in Ecuador

Ecuador has a major independent shortwave station that is well heard in English and many other languages around the world. HCJB, the Voice of the Andes, in Quito, makes Ecuador one of the few South American countries heard in English. (For frequencies and times, see World English Survey in DX Ontario). La Voz de los Andes is also well heard, with regional programs in Spanish and Quecha on 3220, 6050, 9765, 11910, 11960, and 15140 kHz.

The rest of the Ecuadorian stations on shortwave are domestic, and concentrated in the 60 and 90 meter bands. In contrast to Colombia and Venezuela, most stations are NOT commercial. Many are sponsored by various missionary groups, especially of the Catholic Church. (Ec-

ador is over 93% Roman Catholic). Broadcasts are usually a combination of religious, cultural, and educational programs, including news, and regional, classical or light music. Frequently, programs are in Quechua (or other Indian languages).

The 1984 WRTH lists 67 shortwave outlets. By 1993, there are only 39 outlets, and it is doubtful if any North American listener has heard them all. Many smaller stations are irregular. They may be off the air completely at times due to drought related power reductions or equipment failure. There was an experimental time change to EST +1 in late 1992, early 1993, but I believe they are back on EST.

**La Costa Region:** Guayaquil - Santiago de Guayaquil was founded on its present site in 1537 by Francisco de Orellana. It was named after the day of the founding (St. James Day) and the local Indian chief and his wife (Guaya and Quila). The original nearby settlement had been twice destroyed by Indians.

During the colonial era, Guayaquil was frequently attacked by pirates. A conference there in 1822 between Simon Bolivar and Jose de San Martin saw Bolivar emerge as the primary leader for South American independence.

Today, this capital of Guayas province is the economic center of Ecuador. This developed with advances in engineering (construction of the Guayaquil-Quito railway and modern port facilities); and improvements in hygiene and sanitation to counteract the unhealthy climate.

Industries include sugar refineries, iron foundries, shrimp, tanneries, and sawmills. The first church (of Santo Domingo, 1558) still stands. The city is home to National (1867) and Catholic (1962) Universities. Much of the city has been rebuilt since the earthquake of 1942. Rural migration has greatly added to the population of Guayaquil, from 880,000 in 1972 to 1.5 million today.

**Radio stations:** Unfortunately, Sistema de Emisora Atalaya on 4760 kHz is listed as inactive in the 1993 WRTH. There are no other shortwave outlets in Guayaquil that I am aware of.

**El Oriente region:** Tena. This small capital city of Napo province is on a branch of the Rio Napo. A missionary settlement in the tropical rainforest, the economy is some cattle raising, subsistence agriculture, and barter with Indians who comprise most of the provincial population of 103,000. Tena itself has 34,817.

**Radio stations:** La Voz del Napo, on 3279.8 kHz with 2.5 kW can occasionally be heard local mornings, s/on 1000 to about 1100 UTC in Spanish (or Indian languages) with regional music.

**Macas.** On the Rio Upano at 3,445 feet elevation on the eastern slopes of the Andes, this capital of Morona-Santiago province has an interesting early history. Spanish Captain Jose Villanueva Maldonado founded Sevilla del Oro in the mid-16th century. Alluvial gold deposits in the area caused an economic boom lasting several decades. An insurrection by Jivaro Indians in 1599 mostly destroyed the settlement. Refounded as Macas, named for a Spanish governor, it never regained its former prominence.

Today, Macas is an agricultural center for cassava, bananas, papayas, coffee and cacao. There is also a military base with airfield and a Salesian mission supporting schools and a hospital in the area. Current population is 37,860.

**Radio stations:** Radio Difusora Catolica Cultural - more often identified as "La Voz del Upano" - has two outlets on 5020 kHz and 5040 kHz. Christmas Day 1992 included religious and secular Christmas music, though religious programming in Spanish or Indian languages could be presumed. Try local mornings around 1000-1100 UTC

## **PART II**

### **The Sierra Region**

**Quito.** The national capital of Ecuador, formally named Villa de San Francisco de Quito, is also the capital of Pichincha province. With an elevation of 9,350 feet, it is located on the lower slopes of Mt. Pichincha, a volcano which last erupted in 1660.

The ancient seat of the Kingdom of Quito, the city was united with the Incan Empire from the

11th to 15th centuries. Quito was occupied by the Spanish, led by Sebastian de Belacazar on December 6, 1534. This oldest of South American capitals preserves much of its colonial atmosphere with many churches, cloisters, and mansions of that era surviving.

The rivalry between the large landowners of Quito and the growing merchant class of Guayaquil has been an important factor in Ecuador's history. While Quito is still the political and cultural center of the country, economic dominance has shifted to Guayaquil in the 20th century, especially since the Guayaquil-Quito Railway opened in 1908.

Quito is home to Central University (1787) and Pontifical Catholic University (1946). Industries include art objects of leather, wood, gold, and silver, light consumer goods, and textiles. Population has grown from 575,000 in 1972 to 1.3 million presently.

Radio stations: Radio Quito on 4920 kHz with 5 kw is often heard local mornings (s/on 1045 UTC, and sometimes in evenings from around 0200 to s/off at 0500). Programs often include light orchestral music.

Radio Jesus del Gran Poder, as the name implies, has programs of a religious nature including prayers, masses and music, usually in Spanish. The frequency is 5049.8 kHz (5050) with 5 kw. Though listed as s/on at 0945, they have been heard locally as early as 0920 to past 1100, occasionally with a news magazine program.

Radio Catolica (National del Ecuador) broadcasts on 5030.1 kHz with 10 kw. Local morning programs (s/on 1020 UTC) are often religious in nature, frequently in Quechua or other Indian languages.

Emisora Gran Colombia, while not heard here recently, is still listed in WRTH as on 4911.5 (4910) with 5 kw. Several years ago they sent a very nice pennant with their reply to a letter in Spanish.

Ambato. The capital of Tungurahua province is on the Rio Ambato, about 100 miles south of Quito. The city is at 8,500 feet elevation near the northeast foot of Mt. Chimborazo. Volcanic eruptions and earthquakes have been frequent,

and much of the city was rebuilt after a severe earthquake in 1949. In 1821, during the war for independence, an important military battle was won near Ambato by Lt. Antonio Jose de Sucre against the Spanish forces.

Today, Ambato is an agricultural trading center for fresh fruits and sugarcane.

Industries include tanneries, leatherworks and textiles. Its continued importance is assured by its location on both the Pan American Highway and the Guayaquil-Quito Railway. Population is about 229,000.

Radio stations: Radio Centro, "Estacion 112", is occasionally heard on 3289.9 kHz with .5 kw. Programs are in Indian languages (likely Quechua) and Spanish, with folk music, best heard from 0900-1100 UTC.

Radio Paz y Bien might be heard as well, local mornings (s/on 0900 UTC) on 4819.7 kHz (4820) with 3 kw. The name implies religious programs, in Spanish and/or Quechua. Be careful with an identification as this channel is often dominated by HRVC in Tegucigalpa, Honduras, (La Voz Evangelica).

Riobamba. The capital of Chimborazo province is just south of Mt. Chimborazo at 9,000 feet elevation. The original town dates from pre-Incan times, but a landslide in 1797 killed many Spanish settlers. The survivors relocated 12 miles north to the present site of the city. The First Ecuadorian Constitutional Congress, proclaiming the Republic of Ecuador, was held in Riobamba in 1830.

Small scale industries include textiles, carpets, and shoes. A weekly market, varying among the three major plazas, brings large numbers of rural (mostly Indian) farmers into the city to sell produce and native handicrafts. Riobamba, about 30 miles south of Ambato, is the headquarters of the Guayaquil-Quito Railway. Its population is about 160,000 in a province of 400,000.

Radio stations: Escuelas Radiofonicas Populares del Ecuador, E.R.P.E., uses 5010.3 kHz (5010), with 1 kw power. They broadcast educational and music programs, primarily in Quechua, to the regional Indian population. A Spanish news-magazine has been heard as well, in the morn-

ing, when they are best heard from 0900 s/on to about 1100 UTC.

Cuenca. About 200 miles south of Ambato, Santa Ana de Cuenca is the capital of Azuay province. At 8517 feet elevation, it is on the Rio Maltadero, a tributary of the Rio Paute. Gil Ramirez Davalos founded the city in 1557 on the ruins of Tomebamba, the home of a former Incan ruler. With a population of about 332,000, Cuenca is a trade center for most of southern Ecuador, and it is the country's third largest city. Regional products include cattle, hides, and marble. Industries include Panama hats, textiles, lace, and leather products.

Outstanding examples of Spanish colonial architecture of the 17th to 19th centuries still survive. The German naturalist Alexander Humboldt stayed in Cuenca in 1802. Cuenca has been home to a university since 1868.

Radio stations: Radio Popular Independiente is heard on 4799.8 kHz (4800) with 5 kw power. It has been noted at 0910 UTC (listed as 1045 s/on) in Spanish with Andean and light popular music and tangos.

More difficult to hear is La Voz del Rio Tarqui, on 3285.8 kHz. Though using only .35 kw power, it was well heard in April 1993 at 0930 UTC in Spanish with a religious program.


Loja. The capital of Loja province is near the junction of the Zamora and Malacatos Rivers, about 170 miles south of Cuenca, in southern Ecuador. It is located on a small plain on the northwest foot of the Cordillera de Zamora. Loja was founded by Alonso de Mercadillo in 1533, destroyed by an earthquake a century

later, and rebuilt. During the colonial period, it was a world center for cinchona (quinine).

Today, cinchona, sugarcane, coffee, and cereals are important to its agricultural economy. Industries include tanning and textiles. Many city buildings are built of regional marble. Located on the Pan American Highway, Loja is home to the National University of Loja (1897). Population is about 145,000.

Radio stations: Radio Luz y Vida (Light and Life) on 4850.6 kHz (4850) with 2 kw power, may be heard on occasion mornings, s/on 1000 UTC. The name implies religious programs, presumed in Spanish and/or Indian languages. Also heard about 0230 UTC, in Spanish, with Ecuadorian music.

Radio Centinela del Sur (CDS) is listed in 1993 WRTH as on 4890 (variable) with 5 kw power. However, it was noted by the author on 4771 kHz (4770.8 to 4771.2 kHz) about 0200 to 0330 UTC s/off with anthem several times in March and April 1993. Programs included a soccer game, and light music with frequent time checks in Spanish.

Please note that the times listed here are general guidelines. Broadcasting schedules are often irregular due to equipment failure and power shortages. Confusion caused by the recent time changes in Ecuador may also lead to varying s/on and s/off times. For eastern North America, the best time to hear stations in Ecuador is usually from 1 1/2 hours before to about 1/2 hour after the listener's local sunrise. Closer to sunrise, it may be possible to the east (Brazil, Colombia, and Venezuela) as they fade out with increasing daylight. Good luck. 

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From Dr. Adrian Peterson, Adventist World Radio:

Adventist World Radio's Wavescan is running a "Best QSL Contest" with top prizes being a copy of the World Radio TV Handbook or Passport to World Band Radio (winner's choice) and, in addition, a grand prize of the book "Images of Mission". For details, listen to Wavescan in September and October. The contest takes place in November.

AWR-Pan America announces a new series of six QSL cards. The cards feature water color paintings with gold leaf lettering. Reception reports requesting these QSL cards with return postage to: AWR-Pan America, Box 1177, Alejuela 4050, Costa Rica.

AWR-Guam has received approval from the FCC for the installation of the fourth transmitter. It is under construction and should commence service in November, if all goes as planned.

(via Tom Sundstrom)  
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# Listener's Library

T. J. "Skip" Arey WB2GHA  
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**Y**ou know something? You gotta hand it to Rich D'Angelo. Every now and again things get a bit backed up here in my little world of radio journalism. Just when I think I going to blow a deadline, Rich always seems to show up with some great support for the column. This month he shares with us fine reviews on a couple of great DX resources from Denmark.

## **Tropical Band Survey**

**23rd Edition (1995)**

*Edited by Anker Petersen*

**28 Pages**

*Danish Shortwave Clubs International  
Tavleager 31, DK-2670 Greve, Denmark  
ISSN 0106-1968*

Reviewed by Richard A. D'Angelo

Although the tropical band frequency surveys that are contained in *Passport to World Band Radio* and the *World Radio TV Handbook* are pretty good, a serious listener to this portion of the frequency spectrum can benefit substantially from a frequency list prepared by DX'ers for DX'ers. The 23rd annual edition of the *Tropical Bands Survey* ("TBS"), compiled once again by Anker Petersen, is just such a list. For many years, Petersen has been one of Europe's top DX'ers. Besides his expertise at the dials, he is actively involved in the management and editorial functions of the *Danish Shortwave Clubs International* ("DSWCI"). After a brief hiatus, he is once again editing the hobby's longest running and most reliable listing of broadcast stations operating below 5,900 kHz. The TBS lists all active broadcasting stations in the 2000-5900 kHz range by frequency, power, location and transmission time. It is completely updated through May 1995, and is based upon monitoring information from DSWCI members and other DX'ers all over the World. ANARC's International DX'er of the Year, Takayuki Inoue Nozaki of Japan, has made many special contributions to this years list. As in past years, each station is classified by a code describing its current audibility—"A" for reported active, "B" for not reported but believed active, and "C" for likely inactive. It consists of 28 offset

printed A-4 pages. A typical listing would begin with the audibility code. This is followed by the frequency, transmitter power, ITU country code (a real space saver!), station name and location. Finally, the transmission times and other pertinent information rounds out each listing. For example, the first station in the list looks as follows:

A 2310 50 AUS VL8A, Alice Springs  
0830-2130  
Northern Territory Sec. inclu ABC & CAAMA  
R px in Aboriginal  
languages. Alt fq: 3230 kHz, ck  
4835kHz.

The *Tropical Bands Survey* is available directly from the DSWCI for 10 IRC's for airmail delivery worldwide. Send your order and payment to: DSWCI, c/o Bent Nielsen, Egekrogen 14, DK-3500 Vaerloese, Denmark. Tell them you read about the TBS in the *Journal*! I have been using the TBS for about 15 years and find it invaluable in my DX'ing. It is one resource that makes it to Gifford Pinchot for each DXpedition. I highly recommend purchasing the TBS!

## **Clandestine Stations List 1995 Edition**

*Edited by Finn Krone*

**28 Pages**

*Danish Shortwave Clubs International  
Tavleager 31, DK-2670 Greve, Denmark*

Reviewed by Richard A. D'Angelo

Each month Al Quaglieri and Chris Lobdell report the latest developments in the exciting world of Clandestine Broadcasting in our *Listeners Notebook* ("LN") column. While LN is a great place to keep up-to-date on changes in this field, most listeners need some sort of list to help catalog relevant information for research purposes. Where does a listener go when a handy resource reference is necessary? I think you will find the *Clandestine Stations List* ("CSL"), edited by Finn Krone, is the best reference guide you can find on this subject. For those new to this area of listening, clandestine broadcasting operations mirror the

unrest around the world. These radio stations broadcast material of an "outlawed" political nature which has most often been declared illegal by the government of the stations' target area or country. Many of these stations are jammed to prevent their messages from getting through to the target area. Consequently, frequencies are often changed; sometimes during a broadcast! So when you tune in to a broadcast, you should try for frequencies around the ones listed in case the station is on the move. The Clandestine Broadcasting scene changes quickly. Consequently, Krone has once again updated the DSWCI Clandestine Stations List through May 1995. Long considered one of Europe's top shelf DX'ers and a past recipient of ANARC's International DX'er of the Year award, Finn continues to edit the definitive resource for shortwave clandestine station DX'ers. The CSL contains the latest information available on all active Clandestine Stations broadcasting on shortwave, including transmission schedules, political organization, languages used in broadcasts, addresses, and verification policy. The stations are listed in frequency order, as well as in time order and country by country. You'll also find much background information of the Clandestine stations, which are not found elsewhere, such as the organization behind the station, latest known broadcast schedule, station identification. The CSL consists of 28 offset printed A-4 pages, an increase of 8 pages compared to the 1994 edition. It is available for 10 IRC's for airmail delivery worldwide. Send your order and payment to: DSWCI, c/o Bent Nielsen, Egekroen 14, DK-3500 Vaerloese, Denmark. Tell them you read about the TBS in the Journal! This is the fifth Clandestine Station List I have received. Over the years I have found it to be an invaluable resource in my shack. It is very difficult to keep this type of information organized on your own. That's where a publication such as the CSL excels. If you are interested in clandestine station broadcasting on shortwave or you are interested in getting your feet wet in this area, the Clandestine Station List is a must addition to your shack.

Thanks again Rich. You other folks don't have to let Rich be the only guy to bail me out of a short column situation. If you have read any good radio books lately, jot a few words down and become part of the Listener's Library writing staff.

## Shortwave Sidelines

Any of you who have been at Kulpville have run across two long standing folks in our hobby Gerry

Dexter and Rich Arland. Well Gerry's publishing skills and Rich's expertise and writing have put together an excellent 3 volume series on Amateur radio Low Power Communications. I just received the third volume in this series and I thought it was worth sharing with everyone.

## LOW POWER COMMUNICATIONS VOLUME 3 QRP HARDWARE

by

*Richard Arland K7YHA*

*101 pages*

*\$14.95 + \$2.00 S/H (\$3.00 foreign)*

*Tiare Publications*

*PO Box 493*

*Lake Geneva, WI 53147*

*ISBN: 0-936653-66-3*

QRP for those of you not ham radio oriented, is the science of extremely low powered operation. QRP operators delight in figuring out how to communicate world wide with less than five watts of power. Really serious folks go about this task using less than 1/2 watt. I've long been a fan of this aspect of the radio hobby. I keep an old Heathkit HW-8 around that shack to keep my hand in the QRP world.

QRP has experienced quite a resurgence over the last few years. Mainly because it remains the one area of the radio hobby that you can still thrive by building your own equipment. There are almost a dozen kit companies out there trying to get everybody building QRP rigs.

This third volume in Rich's QRP Magnum Opus is dedicated to a review of the state of the art of QRP hardware. As such, it is essential reading for anyone who want to dip their toe in the QRP waters. You will find extensive reviews of QRP transceivers old and new. These studies are a pleasure to read for anyone who enjoys radio technology. One section that has direct application to the radio hobbyist of any stripe is the chapter on Antenna Adventures. In it, rich examines the trials and tribulations of erecting a really first rate antenna and tower system.

If you have an inkling to try radio without a lot of bells and whistles, and certainly without a lot of power, this latest edition to Rich's QRP series belongs on your shelf with the first two volumes.



## Couplers vs. Preselectors What's The Difference?

**A**t the SWL Winterfest this year I fielded a great question from the audience about this month's topic. There seems to be much confusion about the different antenna interface products that are available and what might make one better than another from the SWL's perspective. We will attempt to shed some light on that subject this month.

First let's define our terms.

A preselector is a device which is designed to provide additional selectivity between your receiver and your antenna. This selectivity can help to improve the image frequency response of your radio and possibly reduce overload from nearby transmitters. Preselectors can be totally passive or they can be active. Active preselectors contain an amplifier to boost the signal before it goes to the receiver.

A coupler is a device designed to optimally match the antenna feedline impedance to the input impedance of the radio. Such a match will ensure the maximum transfer of energy from your antenna to your receiver. There are different kinds of couplers available.

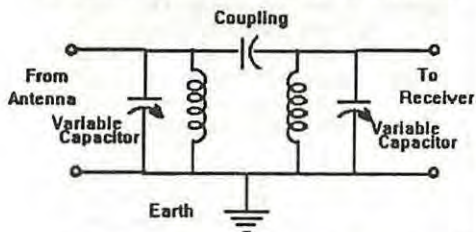


Figure 1: A resonant preselector provides front end selectivity and a static discharge path to ground to protect your expensive receiver. Its loss is greater than the Transmatch.

Some couplers can act as preselectors because of the way they are designed. Other couplers provide little or no selectivity.

A simple two-stage preselector is shown schematically in Figure 1. Each stage consists of a coil and a capacitor which form a resonant circuit at the desired frequency. A coupling capacitor connects the two stages providing a low loss path to RF currents but blocking any DC currents. At the desired frequency the resonant circuit presents a high impedance to the signal from the antenna. The signal flows to the receiver with little loss. At frequencies far away from the resonant frequency, the circuit provides a low impedance effectively shunting the antenna currents to ground and preventing them from reaching the receiver. DC currents such as those that might result from static charge buildup on the antenna are also drained to ground through the coil of the first resonant stage. This feature can provide limited protection for your radio front end. Preselectors designed for the SWL market typically sell for about \$40 and up. Check the MFJ and Palomar catalogs. If they have an active amplifier, they will cost more. If you are using a modern receiver and a decent outside antenna, you should not need the amplifier.

Most antenna couplers are purchased by hams. When transmitting, hams must be careful to insure that all the power that comes out of the transmitter reaches the antenna. If not, the power turns into heat and eventually melts something. High voltages are also present across the capacitors when transmitting so the capacitors have to be physically much larger than the SWL requires. So the primary criterion in coupler

design is optimum matching of impedances and low loss. If there is some selectivity provided by the circuit, that is an extra bonus. So you can see that the typical coupler designed for ham radio use may not provide what the SWL is looking for.

A typical coupler that has been around for the last couple decades is the "Transmatch". The detailed description can be found in almost any recent ARRL Handbook. There are several manufacturers currently producing such couplers for the ham radio market. They sell for \$140.

These couplers all have a circuit that is patterned after the design in Figure 2. The input and output capacitors are variable as is the inductor. The inductor or coil either has a tapped switch or a roller design allowing the operator to select the optimum combination of capacitance and inductance to match the transceiver to the antenna for maximum power transfer. The optimum combination is a function of frequency, antenna impedance, and feedline length. But the circuit in Figure 2 is essentially a high pass filter. It will provide some attenuation for frequencies below the operating frequency but little attenuation above that frequency.

Another type of coupler which was in widespread use in the 1950's and 1960's does provide both good selectivity and optimum antenna matching. It is the Johnson Matchbox. It was made by E. F. Johnson Company who no longer sells this unit. They sold their parts inventory to another company who made a few under the Nye Viking label.

You can still find these units at ham radio flea markets. I found one of these in new condition for \$150 last year. Tests recently reported in QST magazine showed that the old Johnson

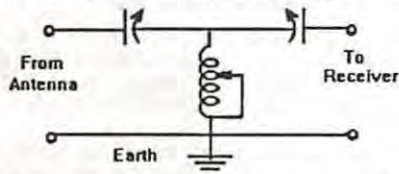



Figure 2: The Transmatch antenna coupler acts as a high pass filter providing inferior selectivity compared to the resonant preselector. It is more efficient, however.

Matchbox is lower in loss than the newer Transmatch units. For this reason hams are snapping them up. I didn't see any for sale at the Gaithersburg MD hamfest this year but I did get one at the Antique Wireless Association annual meeting in Rochester NY last week.

Prices can range from \$40 up to \$150 depending on condition and whether or not they have a built in standing wave ratio bridge. This bridge is of no use to the SWL so look for the units without the bridge.

If you want to have a shielded coax cable interface between your Matchbox and the coax input of your receiver, you will have to modify the unit to bypass the antenna transfer relay that normally switched the antenna between the receiver and transmitter. This is a simple modification that any reasonably qualified technician should be able to perform. If your radio is an old 300 ohm input boat anchor, just connect the receiver to the receiver antenna screw terminals on the back of the Matchbox with a piece of 300 ohm twinlead. No modification is required.

OK, so what's the bottom line? For most SWL applications the passive preselector designed for the SWL is the lowest cost, physically smallest, and safest approach. A large outdoor antenna receives much more signal and noise than a modern receiver can use so don't worry about losses as long as the atmospheric noise exceeds the noise generated inside your receiver. If you want both efficiency and selectivity, the Johnson Matchbox is hard to beat. You will pay more, however. Although the Matchbox was designed for the HF ham bands, it provides continuous coverage from 3 to 30 Mhz. If you are into listening to the 120 Meter band, you probably will have to use something else. Stay away from active preselectors unless you can try before you buy. In many locations the amplifiers will overload causing intermodulation problems.

Next month this column makes space available for the English Language Schedules. We will return in December with a cumulative index of all of our columns from the past two years. Until then, stay tuned. 

# Listener's Notebook

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**AUSTRALIA** The most recent schedule for *Australian Defense Forces Radio* is as follows: to Somalia at 0800-1000 on 15607 (DSB) and 18194 (USB); and at 1400-1600 on 8743 & 10623 (both USB); to Malaysia at 0100-0300, 0430-0630 and 1000-1200 on 13525 (USB) The transmissions to Somalia originate from the naval base in Exmouth, while the transmissions to Malaysia are from HMAS Canberra. ("DX Monitor"-July/95 via ed. Jan Nieuwenhuis, Benelux DX-Club "DX Hotline", via Ben Krepp/DX Ontario "World Radio Report"/Dave Clark) 5791 ADFR NF ex 10621, heard at 1408 // 8743. (Martin OZDX/Jihad DX#48)

**BANGLADESH** 7185 *Radio Bangladesh* \*1229 IS, ID and EE news. Much better modulation now. Strong OC but no audio on listed //9648. (Johnson 9/18-20/Jihad DX #51)

**BELGIUM** *RVA's Radio World* winter schedule, effective 24 Sep is: 0730 Eur, 5985 Aus 9925; 1000 Eur 6035 (not Su); 1000 Afr 15510 17595 (not Su); 1400 NA 13670 (1330 on Sun); 1900 Eur 5910; 1900 Af 9925; 2200 Eur 5910 7250; 0030 NA 6030 9925. (Ceas Van Oudheusden—Netherlands/Paul Bailey/17-Sep/ARDXC "NewsPlus"/Padula).

**BOLIVIA** *R. Eco San Borja* is the name of the new station operating on 4700 kHz. The station is located in the town of San Borja in the province of Ballivian. The station's director is Gonzalo Espinoza (Morochu), who also directs Radio Eco de Reyes. (R.M. Mendez, PlayDX #851)

The correct name of the station operating on 6142 kHz is Radio Mauro Nunez. The address is: Cedec, Casilla 196, Sucre, Bolivia. It is owned by the Centro De Estudio Para El Desarrollo Del Chuquisaca. The director is Dr. Vladimir Gutierrez P. (L.E. Svensson, PlayDX #847).

**BOSNIA-HERCEGOVINA/YUGOSLAVIA** *Radio Yugoslavia*, the Belgrade-based external service, made the following announcement at the start of its English transmission at 2100 on 11th September on 6100 and 6185 kHz:

"Before we begin, Radio Yugoslavia would like to inform its listeners that occasional interruptions may be experienced during our broadcasts. Our transmitters are located near [the] zone encompassed by the NATO air strikes. Our technical staff are putting in their best efforts for our broadcasts to continue during these difficult times. Our broadcast facilities are also endangered by the NATO air strikes as NATO aircraft are targeting civilian facilities including residential buildings, hospital and telecom transmitters."

The mention of Radio Yugoslavia's transmitters being near the zone affected by NATO strikes is a reference to the fact that although the station's studios are in Belgrade, its shortwave transmitters are at Bijeljina in northeast Bosnia. (BBCM)

**BURUNDI** State-run *Radio Burundi* was heard again on 13th September on its usual, and only, shortwave frequency of 6140 kHz for the first time since 7th August. (BBCM)

**CAMBODIA** Domestic service of *National Radio of Cambodia* broadcasts in Cambodian from 1100-1500 and 2230-0700 on 6090 and 4907 kHz. (BBCM)

**CANADA** Another round of budget cuts is soon expected at the CBC. Ferrin Beatty, president of the CBC, was unable to give assurances of RCI's prospects, or survival past this fiscal year. He says the CBC, including RCI, is currently looking at ways to live within a lower budget and still fulfil the network's mandate. He says details of budget cutbacks at the CBC and how it affects RCI won't be known for the next few weeks. (29-Aug/RCI/BBCM)

6029.96, *CKMX*(?) (ex: CFVP) noted from 0025-0047 in Wyoming (Valco/Jihad DX) Arthur Cushen on RNMN says that the stn has changed call ltrs to CKMX, "Mix 1060" (Berg-Ft/Valco/Jihad DX)

**CHAD** *Radiodiffusion Nat. Tchadienne* has been reactivated on 4904.5 after several months' absence [probably replacing 6165 kHz]. (Ratzer in Jihad DX#41/42/DX Ontario "World Radio Report"/Dave Clark)

**CIS Radio Russia ("Radio Rossii")** All programs in Russian:

0000-0100	4485
0100-0200	14950U 12175U 7390 7335 7305 5995
0200-0300	14950U 12175U 11750 9845 7390 7305 6160 5995
0300-0400	15475 14950U 12175U 11750 9845 7390
0400-0430	15475 15330 12175U 11750 9845 7390
0430-0500	16330U 15475 15330 12175U 11750 9845 7390
0500-0530	16330U 15475 15330 11750 11720 9720
0530-0600	16330U 16300U 15475 15330 11750 11720 9720
0600-0800	16330U 16300U 15330 11750 11720 9720 7105
0800-0900	16330U 16300U 15475 15330 11750 11720 9720
0900-1000	16330U 16300U 15475 15330 11750 11720 9720 7220 7105
1000-1200	16330U 16300U 15330 12045 11750 11720 9720 7220 7105
1200-1300	16330U 16300U 15330 12045 11750 11720 9720 7105
1300-1400	16330U 16300U 15330 12045 11720 9720 7105
1400-1500	16330U 16300U 11720 7355 7105
1500-1600	16300U 9840 9525 7355
1600-1700	16300U 9840 9525 5995
1700-1800	16300U 15165 14950U 9840 9525 7355 5995 4485
1800-1830	15165 14950U 9525 9420 7355 7220 6030 4820 4485
1830-2000	15165 14950U 12175U 9525 9420 7355 7220 6030 4820 4485
2000-2100	14950U 12175U 9560 9525 9420 7355 6030 4820 4485
2100-2200	15165 14950U 12175U 9560 9525 7355
2200-2300	15165 14950U 12175U 9560 7355
2300-2400	4895 4820 4485

(BBCM)

**R. Tikhy Okean** heard broadcasting at 0715-0800 UTC (in winter it will be one hour later). Best on 10344 kHz USB (who knows the QTH for this out-of-band fq?), also audible on 1545.03 kHz. (Mika Mäkeläinen/Jihad DX #51)

**Christian Radio Station Alpha and Omega** broadcasts in Russian: 1400-1500/9865-summer 5940-winter (BBCM)

The Bengali-language religious station [with no clear name—ed.] broadcasting from Russia continues to be heard daily at 1330-1400 on 15470 kHz. Contrary to previous reports, the programming from this station is of a Christian nature, not Islamic as reported earlier. (BBCM)

Low power (less than 50 kW) active SW txers not included in WRTH95:

**Blagoveschensk-5 kW**

2000-1500 6060 Mayak

**Magadan-5 kW**

1800-1300 6200 Orbita One

**Krasnoyarsk-15 kW**

2200-1000 7100 Orbita Three  
1005-1700 7100 Orbita Three

**Arkhangelsk-5 kW**

0100-1500 7330 Mayak  
1505-2400 15215 Mayak

(Nikolai Rudnev—Russia/06-Sep/ARDXC "DX-Press"/Padula)

**Radio Beryozovo** (5070) is currently inactive. (Nikolai Rudnev—Russia/06-Sep/ARDXC "DX-Press"/Padula)

**Radio Novaya Volna-Z** (6020) has left SW and has no plans to resume SW operations (Nikolai Rudnev—Russia/06-Sep/ARDXC "DX-Press"/Padula)

**Adygey Radio** broadcasts Mondays and Fridays 1700-1800 (1800-1900 in winter) on 7305 (5935 winter) (Nikolai Rudnev—Russia/06-Sep/ARDXC "DX-Press"/Padula)

**Kabardino-Balkar Radio** broadcasts Wednesdays and Sundays 1730-1800 (1830-1900 in winter) on 7305 (5935 winter). Txer is 100 kW, located near Krasnodar. (Nikolai Rudnev—Russia/06-Sep/ARDXC "DX-Press"/Padula)

**Deutsche Welle**, via Russian SW txers, freq changes on 3 September:

1000-1400	German	7340 (ex 12000)	Novosibirsk
1700-1800	German	7315 (ex 12055)	Samara
2200-0000	German	7340 (ex 11795)	Novosibirsk
0100-0150	Bengali	9815 (ex 12045)	Novosibirsk
1200-1320	Chinese	7390 (ex 9450)	Novosibirsk
2200-2250	Indones	9835 (ex 12045)	Novosibirsk

(Nikolai Rudnev—Russia/06-Sep/ARDXC "DX-Press"/Padula)

**Radiostantsiya Belarus:**

1800-1900	Belarusian	11960 11840 7210 5905	Th/Fr
1800-1830	Belarusian	11960 11840 7210 5905	Sa-We
1830-1900	German*	11960 11840 7210 5905	Su
1830-1845	Belarusian	11960 11840 7210 5905	Mo
1830-1900	English*	11960 11840 7210 5905	Tu
1830-1900	German	11960 11840 7210 5905	We/Sa
1845-1900	Polish	11960 11840 7210 5905	Mo
2330-0000	Belarusian	15425R 15180R 7360R	

\* religious programs include "Die Antwort" (Postfach 767, CH-1701 Freiburg, Switzerland) and "Radiofenster" in German, and "Bible Focus" (PO Box 205, Doncaster, DN10 6LZ, UK) in English. R-via Russia (BBCM)

**Voice of Abkhazia**, which broadcasts in Abkhaz, Georgian and Russian on behalf of the separatist Abkhazia region of northwest Georgia, has been heard recently at 0330-0445 and 1400(-????) on 9494.74 kHz. (BBCM) expect programs one hour later after October 1 [ed.]

**CLANDESTINE-AFRICA** R. Rutemorango, opposed to the current regime in Burundi, is operating in the 90 mb (likely from Zaire). No sked given. (Chel-DSWCI/Johnson/Jihad DX #51)

7515.1 **Voice of Tigray Revolution** 1546 (Vitek-OZDX/Johnson/Jihad DX #51)

**CLANDESTINE-LATIN AMERICA** George Zeller got two letters from Jay Murley, maildrop of *LV de Chiapas Libre*. Zeller wrote to ask him for actual logging info from a broadcast, including date, time, and frequency. Murley sent just about everything except that, including a bust of Pancho Villa (!). He alleges that the xmtr, a modified Hammarlund circa early 1950s, operates on a mobile basis from northwestern Guatemala and Chiapas, Mexico. He sent a long list of villages that had served as xmtr sites at one time or another. Murley still claims to have verified four reception rpts of the station, including one from Key West, one from Honduras, one from southeastern Mexico, and one from Cayman Is. The only thing that he has ever mentioned is that the station broadcasts irregularly in the 41m pirate band, but I have still not seen an actual logging of the station. If this is a hoax, it sure is elaborate. Murley sends a more complete maildrop addr, which is: P.O. Box 434106, San Ysidro, CA 92143-4106. (Zeller/NU/Rippel/Jihad #43)

**CLANDESTINE-MIDEAST** **Voice of Iranian Kurdistan**

0230-0330	Kurdish	4180-4195v
0330-0400	Persian	4180-4195v
1300-1400	Kurdish	4180-4195v
1400-1430	Persian	4180-4195v

(BBCM)

**Voice of Iraqi Kurdistan** (tent.) 4180.04 kHz, 0305 UTC with a man in an unidentified language into Quranic recitations. Too weak for ID. (Grace-DC/Jihad DX #51)

**Voice of Islam, Voice of the Islamic Movement in Iraqi Kurdistan:**

0300-0430	Kurdish	4380-4400v
1530-1700	Kurdish	4380-4400v
1700-1800	Arabic	4380-4400v (irregular)

(BBCM)

**Voice of the Communist Party of Iran** (tent) 4189.99 kHz at \*0232 sudden sign on w/M in pressed Persian and classical mx mixed in. A bit weaker than Vo Iraqi Kurdistan on 4180. (Grace-DC/Jihad DX #51)

**Voice of the Iraqi People:**

0300-0400	Arabic	7025-7045v	5820-5845v
		3900-3940v	
1730-1830	Arabic	7025-7045v	5820-5845v
		3900-3940v	

(BBCM)

**Voice of Rebellious Iraq** operates from 1200-1430 on 6030-6090v (announces 6350-6650). Programs are in Arabic and Kurdish. (BBCM)

**CLANDESTINE-PACIFIC** 3880 **Radio United Bougainville** back here after briefly on 3870. (QBW Expedition OZDX via Johnson Jihad#43). The rebel-run **Radio Free Bougainville**, now on 3850 kHz, is said to be operating the transmitter at a power ranging between 30 and 80 watts during the scheduled period 0900-1100. (Int'l Amateur Radio Network/John Norfolk/WOR/Johnson/Jihad DX #39)

**COLOMBIA** 3099.98 **Radio Quince Cincuenta** (15-50) at 0910 w/ soft pop mx & M. Sig came up 1000 UTC w/ recorded promo ID over mx "Musica mas hermosa... Radio 15-50" followed by M w/ UTC-5 TC & more pop mx. Weak w/ trem QSB. (Grace-DC/27-Aug/Jihad DX#48)

**COSTA RICA** **RFPI**, 9400 USB. Back here again x short-lived 9390, unsure of the reasoning for this as 9390 was steady as a rock (in OZ, at least) 0200-1230+. SS 0830, 13/9 (Seager/Jihad DX #51)

**CUBA** **Radio Havana** currently operates the following SSB outlets, 20 or 30 kw PEP, 5 khz bandwidth and a 12.5% carrier added:

0100-0500	9830	North America
0500-0700	9830	Europe
2200-2300	11960	Europe

(A. Coro/Jihad DX)

**DENMARK** **Radio Denmark**, the external service of Danmarks Radio, announced on 26th August that it had been decided to resume English-language broadcasts from 1st January 1996. There will be one such broadcast on the first Sunday of each month. (BBCM) Radio Denmark via Norway, 24-Sep-30 March:

0030-0055	7275	6010	5905
0130-0155	6120	6010	
0230-0255	6120	5940	
0330-0355	7165	6030	5965
0430-0455	7165	6195	6040 5965
0530-0555	7185	5965	
0630-0655	11730	9590	7180 5965
0730-0755	9590	7180	5965
0830-0855	13800	9590	

0930-0955	15230 15175
1030-1055	11850 7295
1130-1155	9625 7295
1230-1255	15605 11840 9590 7295
1330-1355	15605 11840 9590 7315
1430-1455	11840 11730
1530-1555	11840 11830 9520
1630-1655	11840 9590
1730-1755	9590 7520 7485
1830-1855	9590 7485 5960
1930-1955	9590 7485 6195 5960
2030-2055	7520 6195
2130-2155	7315 6170 5960
2230-2255	6195 6170 5960
2330-2355	7275 6040 5905

(06-Sep/Erik Koie—R. Denmark/Anker Petersen)

**ECUADOR** 4019.92 kHz (3rd harmonic of 1340) *La Voz de Su Amigo*, Esmeraldas; 1234 So strong I would think this could be heard outside of the country. Address is: La Voz de Su Amigo, Olmedo y Manuela Can, Esmeraldas, Prov. de Esmeraldas, Ecuador. (McVicar—Ecuador/Petersen) 4830.20 kHz Radio El Buen Pastor, Saraguro; 1232 UTC with news, ID, more news. (McVicar—Ecuador/Petersen)

**EQUATORIAL GUINEA** *Radio Africa* is a commercial shortwave service which carries mainly US evangelical programming, principally in English but with some announcements in Spanish.

0700-1100	English	15190v Mo-Fr (Radio Africa No 2)
0700-1600	English	15190v Sa/Su ( <i>Radio East Africa</i> )
1650-2300	English	15190v 7190-7203v (alt)

(BBCM)

**ERITREA** 7020 *VOBME*, Asmara, weak in CW QRM at 0324 w/IS w/multi-lingual IDs including EE if my ears didn't deceive me, lang s/on anmts by M+W at 0330 into nx by M, 0337 local instl mx, 0347 W ancr, back into instl/vocal mx to 0355 t/out. (Potter/Jihad DX#48)

**ETHIOPIA** *Radio Voice of Peace for Rwanda* now has a new s/on time of 0427 on 9560 where it was heard Aug 8th with IS, ID's in English and French, then into language pgme. (Ed Rausch/Numero Uno #1334/DX Ontario "World Radio Report"/Dave Clark)

*Radio Ethiopia* is being heard at 0358-0445 on 9705, //7110 and also 9560, which is apparently no longer used by Voice of Peace at 0400. (Brian Alexander/Fine Tuning/Arthur Cushen's Shortwave Review/Aug-95/DX Ontario "World Radio Report"/David Clark)

**FINLAND** 9275U *R. Finland* heard //15440 1907-1928\*. (Zacharias Liangas—Greece)

For W95, Radio Finland proposes the following new outlets: 6030 0400-0500 Europe, 6015 0500-0630 Eur, 6180 1430-1700 Eur, 9635 0500-0600 Africa, 9680 & 11880 1600-1700 Africa, 11785 & 13645 1500-1600 North America, 9760 & 15330 0800-0830 Australia/Asia, 17825 & 15140 1100-1130 Australia/Asia, 11805/13770 1000-1030 Australia/Asia, 11805/15240 1400-1430 Australia/Asia. (BP/06-Sep/ARDXC "DX-Press"/Padula)

**INDIA** S95 changes for AIR:

Panaji	0130-0228 Nepali	7250	(add)
Panaji	0130-0200 Tibetan	9565	(add)
Panaji	0315-0415 Hindi	11855	(add)
Delhi	0700-0830 HS	9595	(ex 9695)
"	0830-1130 Urdu	"	"
"	1130-1135 Hindi nx	"	"
"	1135-1140 EE nx	"	"
Various	0025-0430 HS	10330	(new timing)
Delhi	1215-1315 Burmese	11620	(ex765)
"	0100-0130 "	11620	(ex 11850)
"	1115-1140 HS	11710	(ex 11855)
"	1215-1330 Tibetan	11710	(ex 11880)
"	1330-1430 Nepali	11710	(ex 11880)
"	0030-0040 HS nx	11870	(ex 11920)
"	0700-0840 HS	15260	(ex 15250)

(Alok das Gupta/17-Sep/ARDXC "NewsPlus"/Padula)

**Azad Kashmir Radio**, Muzaffarabad, is heard from Sri Lanka on 3664.5 at 1810 s/off with AKR tune. The AKR-Trarkhel (via Rawalpini-Islamabad) outlet on 4790.9 is heard closing with the same tune at 1810 as well, but this is not the same service. 4790.9 is operating continuously from 1030-1810 and 7264v is not in operation. (Victor Goonetilleke via Wolfgang Buschel in Contact/World DX Club, Aug/95/DX Ontario "World Radio Report"/Dave Clark) 4950 Per Manosij Guha's "DX Grapevine" reprinted in Aug DX Ontario, this is probably AIR Srinagar; 0053 UTC with AIR IS, choral anthem at 0055, subcontinental music to 0109, then M with presumed news, hrd past 0119. (McVicar—Ecuador/Petersen)

**INDONESIA** *RRI Jakarta* either has a new or has retuned the hi-power transmitter on 9525 which is now much stronger than //9680, as noted at 1015 and also at 2300 s/on. 11760 was active in June but has more recently gone inactive again, as has 15154. (Dave Valko, David Martin & David Foster in OZDX-Aug/95/DX Ontario "World Radio Report"/Dave Clark) 3135.1-3142.4, RDKSerang, 1105 //others. (Schulze-FT/Valko/Jihad DX #51). Other stations (stations credited to JYDX were logged by Juichi Yamada at Ujung Pandang and Rantepao, Sulawesi Selatan on July 19-24. His monitoring times 1100-1600 UTC unless otherwise mentioned):

2490 *RRI Ujung Pandang* -1700-. Fair. (JYDX)

2905 *RPDT2 Ngada* -1300-. Very poor. (JYDX)

- 3139.8 *RPD Serang* was heard 11 July in the Philippines on new 3139.8 which is a move from 3148.5 kHz. At 1316-1330 they had Indonesian ID, telephone talks and international mx (Roland Schulze/Anker Petersen/DSWCI)
- 3141.3 *RSPDT2 Halmahera Tengah* heard with poor signal at 1419. (TIN in Numero Uno #1333/DX Ontario "World Radio Report"/Dave Clark)
- 3179.8 Unid 1330 (Martin OZDX/Jihad DX#48)
- 3215 *RRI Manado* Fair (JYDX)
- 3223 *RRI Mataram* //855kHz. Good. (JYDX)
- 3232.5 *RPDT2 Boul*, Tolitoli (Sulawesi) reactivated in July, 1145-1355\* (David Foster & David Martin in OZDX-Aug/95/DX Ontario "World Radio Report"/Dave Clark)
- 3250 *RRI-Banjarmasin* broadcasts local sports news entitled "Berita Berita Olahraga" at 1400. Station signs off at 1500. (Juichi Yamada—Japan)
- 3265 *RRI Gorontalo* Good. (JYDX)
- 3277 *RRI Jakarta* react here. 1216 (Sanatani-OZDX/Johnson/Jihad DX #51)
- 3286 *RRI Madiun* Not heard. Inactive. (JYDX)
- 3295 *RRI Samarinda* Fair to poor. (JYDX)
- 3305 *RRI Dili* Fair. (JYDX)
- 3325 *RRI Plangkaraya* at 1430 (10-Sep/Atkins/Jihad DX #51)
- 3345 *RRI Ternate* Fair. (JYDX)
- 3358 *RRI Sumenep* Poor. Now active in spite of inaudible Japan. (JYDX)
- 3381 *RRI Malang* Fair. Now active in spite of inaudible in Japan. (JYDX)
- 3384.9 *RRI Kupang* 1439+ (10-Sep/Atkins/Jihad DX #51)
- 3395 *RRI Tanjung Karang* Fair. (JYDX)
- 3578.3 *RPDT2 Maluku Tengah* (pres.), 1217-1235 (7-Sep/Valko-WY/Jihad DX #51)
- 3632.2 *RPDT2 Buol* reactivated, heard at 1150. (Foster OZDX/Jihad DX#48)3934.0 pres. *RRI Semarang*; 1150 (McVicar/Jihad DX#48)
- 3654 *RPDT2 Luwu* Not heard. Inactive. (JYDX)
- 3904.8 *RRI-Banda Aceh* now signs off at 1605. (Juichi Yamada—Japan)
- 3934 *RRI Semarang* Fair. (JYDX)
- 3945 *RRI Denpasar* Not heard. Inactive. (JYDX)
- 3959.9 *RRI Padang* // 4003.2 Former isn't Palu (Foster OZDX/Jihad DX#48)
- 3976 *RRI Surabaya* at 1114 on 6/8/95 heard with a type of religious songs and preaching, had fair reception. The last time I heard this station was back in March. (Keckes/Jihad #45)
- 3976 *RRI Surabaya* Not heard due to QRM of RRI Pontianak. (JYDX)
- 3987 *RRI Manokwari* Not heard. (JYDX)
- 3996.08 *RRI Pontianak* @1737 (Takayuki Inoue Nozaki—"Relampago DX")
- 4000.28 *RRI Kendari* Good. (JYDX, Takayuki Inoue Nozaki—"Relampago DX")
- 4606 *RRI Serui* Fair. (JYDX)
- 4697 *RKIP Surabaya* Not heard. Maybe inactive. (JYDX)
- 4753 *RRI Ujung Pandang* S/on at 0800. Very good. (JYDX)
- 4765.9 *RRI Medan* 1705-1710 (Veldhuis/Jihad DX #51)
- 4910.3 *RRI Bukittingi* 1703 (Veldhuis/Jihad DX #51)
- 4789.1 *RRI Fak Fak* here until 0959, then on to 7231.1 (TIN in "Relampago DX" #087, via John Herkimer/Numero Uno/DX Ontario "World Radio Report"/Dave Clark)
- 4805 *RRI Kupang* Not heard. (JYDX)
- 4845 *RRI Ambon* Poor. (JYDX)
- 4866 *RRI Wamena* Not heard. Maybe inactive. (JYDX)
- 4871 *RRI Wamena* Not heard. Maybe inactive. (JYDX)
- 4875 *RRI Sorong* Fair. (JYDX)
- 4881 *R. Suara Kasih* Agung Not heard. Inactive. (JYDX)
- 4900 *RRI Surakarta* Not heard. Maybe inactive. (JYDX)
- 4925 *RRI Jambi*; 1159 (McVicar/Jihad DX#48)
- 4932 *RRI-Surakarta* not heard recently. (Juichi Yamada—Japan)
- 5039.9 *RRI Surakarta* heard 13 July (ex 4931.7 ?) at 1403-1410 in Indonesian with talks, ID and international mx. (Roland Schulze/Anker Petersen/DSWCI)
- 5040 *RRI Pekanbaru* Fair. (JYDX)
- 5055 *RRI Nabire* Not heard. Maybe inactive. (JYDX)
- 5059.12 *RRI Yogyakarta* was noted here on 04 June, relaying Jakarta news at 1200, 1300 and 1500, while local news ("Warta Berita Daerah") is aired at 1330. As of early June, this channel is actually scheduled at 1200-1500v, since 7098.5v is currently off the air.

The remarkable point is that the station is using two 60 mb outlets alternately on a fixed schedule: on 5046.5v now at +0930 to 1155 s/off and again at 1515 s/on to 1710 s/off, while the new channel is used 1200 s/on to 1515 s/off. To my knowledge, they have 4 transmitters for shortwave operation and they have operated recently on 2349.9, 5046.5 and 7098.5 kHz using 3 transmitters. The fourth was formerly allocated to the 41 mb outlet for auxiliary use and it is presumed this is the one now in use for the alternative 60 mb frequency. (TIN in Relampago DX Logging #083 via John Herkimer/Numero Uno/DX Ontario World Radio Report/Dave Clark)

6030 RRI Banjarmasin now here until 0859\*. (David Foster & Juichi Yamada in OZDX-Aug/95/DX Ontario "World Radio Report"/Dave Clark)

6070 RRI Jayapura -0900-. (JYDX)

6127 RRI Nabire Not heard. Maybe inactive. (JYDX)

6156.3 RRI Tual now here, noted at 0830. (David Foster in Numero Uno #1332/DX Ontario "World Radio Report"/Dave Clark)

6189 RRI Manokwari Not heard. (JYDX)

7231.1 RRI Fak Fak here from \*1000, after vacating 4789.1. (TIN in "Relampago DX" #087, via John Herkimer/Numero Uno/DX Ontario "World Radio Report"/Dave Clark)

7234 RRI Palu is the previously unidentified outlet here, heard at 0804. (David Foster in OZDX-Aug/95/DX Ontario "World Radio Report"/Dave Clark)

9552 RRI Ujung Pandang Daytime broadcast. s/off at 0800. Fair. (JYDX)

9615 RRI Samarinda Not heard. Inactive. (JYDX)

9680 RRI Jakarta Fair. (JYDX)

9705 RRI Pontianak 0435 react. (Foster-OZDX/Johnson/Jihad DX #51)

**IRAQ Radio Iraq International**—English unheard lately:

0500-0700	Persian	7146.9v
1600-1700	Arabic/Tigrigna	7146.9v ( <i>Voice of Eritrea</i> )
1600-1800	Persian	7146.9v
1700-1800	Arabic/Somali	7146.9v
1800-2000	Turkish	7146.9v

\* Note there are two transmissions listed on the same frequency from 1600-1800. This reflects the fact that the timing of these transmissions is variable. (BBCM) Main Arabic service noted again of late on 4615 kHz. Also reactivated is 11875 kHz, which was last heard a few months ago. It was heard on this frequency on 26th and 27th August with a broadcast in Arabic from Radio Iraq International closing at around 2240. *Mother of Battles Radio*, the newly-re-

activated external service in Arabic, is heard on 7151.4 kHz at 2000-2300. However, it is not heard on its other announced frequencies of 13650, 15240 or 15340. (BBCM)

**ISRAEL** Although I have the printed version of the new *Kol Israel* sked (dated 27 August), I'll go with this newer one, compiled from BBCM observations:

0000-0400	Hebrew	7495
0400-0700	Hebrew	9390 7495
0400-2215	Arabic	15480 9815 5915
0500-0515	English	17545 7465 5885
0515-0530	French	17545 7465 5885
0700-0800	Hebrew	13755 11590
0800-0900	Hebrew	13755 13615--(Sa only) 11590
0900-1000	Hebrew	13755 11590
1000-1200	Hebrew	13755 13615--(exc. Sa) 11590
1100-1105	English	11605
1200-1400	Hebrew	15615 13755 11590
1330-1355	Yemenite	15650 Tu
1330-1455	Russian	13615 11685 11605 9435 Fr/Sa
1400-1410	Russian	11605 9390 Su/We
1400-1425	Russian	11605 9390 Mo/Tu/Th
1400-1500	Hebrew	13755 11590
1410-1425	Tat	11605 9390 Su/We
1430-1445	Bukharian	11685 9435 7465 Su-Th
1430-1630	Russian	11605 9390 Su-Th
1445-1500	Georgian	11685 9435 7465 Su-Th
1500-1555	Persian	11605 9435 7465 Fr/Sa
1500-1625	Persian	11685 11605 11590 9435 7465 Su-Th
1600-1655	Russian	9845 9435 7465 7415 Fr-Sa
1630-1700	Russian	11685 9435 7465 7415 5885 Su-Th
1630-1700	Hebrew	7495
1700-1725	Yiddish	9435 7465 7415 7395 5885
1700-2300	Hebrew	9390 7495
1725-1745	Easy Hebrew	7465
1725-1745	Romanian	9435 7415 7395 5885
1745-1800	Hungarian	9435 7415 7395 5885
1745-1800	Ladino	7465
1800-1830	Russian	7465
1800-1830	Yiddish	9435 7415 7395 5885
1830-1845	Romanian	7465
1830-1900	Russian	9845 9435 7415 5885
1845-1855	Spanish	7395
1900-1955	Russian	9845 9435 7465 7415 5885
2000-2030	English	13750 9845 9435 7465 7415
2030-2050	French	13750 9845 9435 7465 7415
2050-2100	Spanish	13750 9845 9435 7465 7415
2300-2400	Hebrew	7495

(BBCM)

**ITALY IRRS** Milano has temporarily suspended broadcasts on 7125 kHz, but is currently testing on 3985 from 0600-2045. (21-Sep/Alfredo E. Cotroneo—IRRS) (Stratos Kalaitzis/20-Sep/Andreas Volk—Germany/Internet)

**JAPAN Radio Japan** (NHK) Winter Broadcast Schedule September 24, 1995-March 31, 1996:

0000-0030	Japanese	11875 11850 7295 7255			
		7140			
0030-0100	Japanese	6155			
0100-0200	English	17845 17810 11910 11890			
		11860 11840 9605			
0200-0230	Bengali	11890			
0200-0300	Japanese	17810 11960 11950 11910			
		11895 11885 11860 11840			
		9605 5960			
0230-0300	Hindi	11890			
0245-0315	Swahili	7190 7180			
0300-0330	Urdu	11890			
0300-0330	English	11960 11895 11885			
0300-0400	Korean	11910 11725			
0300-0400	English	17810 11840 9605 5960			
0330-0400	Spanish	11960 11950 11895 11885			
0330-0400	Arabic	9515			
0400-0430	Russian	11760 11715			
0400-0500	Japanese	17820 17810 11885 11840			
		9605 6095 6110 5960			
0400-0500	Chinese	11910 11725			
0430-0500	Russian	11785 11760 11715			
0430-0530	Chinese	15120 11815			
0500-0530	Russian	11785			
0500-0600	English	17810 11885 11740 11725			
		9605 6150 6110 5975			
0530-0545	Swedish	11785 11760			
0545-0600	Italian	11785 11760			
0600-0630	Arabic	17820			
0600-0630	German	11785 11760			
0600-0700	Japanese	21610 11885 11860 11850			
		11740 9605 7230 5975			
0600-0700	English	17810 11725			
0630-0700	French	11785 11760			
0700-0800	English	21610 17815 17810 15165			
		11850 11740 11725 7230			
		5975			
0745-0845	Russian	6165 6145			
0800-0900	Japanese	21610 17815 17810 17760			
		15190 15165 15135 11850			
		11740 9685 7255 6090			
		6070			
0900-0930	Thai	11740			
0900-0930	Portuguese	9685 9530			
0900-1000	English	11850			
0900-1000	English	15190 6090			
0900-1300	Japanese	11815 7225			
0915-1015	Indonesian	21610 11810			
0930-1000	Vietnamese	11740			
0930-1000	Spanish	9685 9530			
1000-1030	German	11710 9600			
1000-1100	Japanese	15350 11895 11850 11730			
		6090			
1030-1100	French	9600			
1030-1130	Korean	6190			
1030-1130	Indonesian	11875			
1100-1115	Swedish	17780			
1100-1200	Russian	11710			
1100-1200	English	15350 6120 6090			
1115-1130	Italian	17780			
1130-1200	Bengali	11895			
1130-1200	German	17780			
1130-1200	Malay	11875			
1130-1230	Chinese	6190			
1200-1230	Hindi	11895			
1200-1230	Thai	11875			
1200-1300	Japanese	15350 7125 6120 6090			
1230-1300	Burmese	11875			
1230-1300	Urdu	11895			
1300-1330	Vietnamese	11875			
1300-1400	Japanese	21490 15400 11895 11815			
		11705 9535 7225			
		7125 6090			
1300-1400	Russian	7125 6090			
1330-1430	Chinese	11875			
1345-1415	Burmese	11885			
1400-1500	English	11895 11705 9695 9535			
		6090			
1400-1500	Korean	7225 7125			
1500-1600	English	15355 7240 9695 9535			
		6090			
1500-1600	Chinese	7225 7125 6090			
1530-1600	French	17880 15120 11885			
1600-1630	Persian	11885			
1600-1700	Japanese	21700 7240 9580 6150			
1700-1800	English	11930 7280 9580 9535			
		6150			
1800-1900	Japanese	11930 11850 9580 9535			
		7280 7140 6150			
1900-2000	English	11850 9580 9535 7140			
		6150			
2000-2100	Japanese	11850 9535 7295 7225			
		7210			
2030-2100	Spanish	11865			
2100-2115	English	7280 7190			
2100-2200	English	11865 11850 7140 7125			
		6035			
2100-2300	Japanese	11850 9685 7295 7225			
		7140 7125 6140 6055			
2115-2155	Chinese	7280 7190			
2155-2215	Malay	7280 7190			
2215-2235	Thai	7280 7190			
2235-2255	Burmese	7280 7190			
2255-2315	Vietnamese	7280 7190			
2300-2400	English	11850 7140 7125 6155			
		6055			
2300-2400	Japanese	7295 7225			
2315-2400	Indonesian	7280 7190			

(11-Sep/Alexander Ageenkov—Russia/Internet)

**JORDAN Radio Jordan's** English service has left the 19 mb for the 25 mb. The schedule is 1100-1200 and 1400-1600 UTC on 11970. Both releases suffer from QRM and are not nearly as good as 15170/15270 were. (Sundstrom/Jihad #46) Amman EE svce ob-

served 1415-1445 on 11970 with special live presentation of "On the Air" quiz px, // 11940 and 12000. QRM from RL also on 11970, 31/7 (MO). Observed on 11835 with excellent sigs 0610-0630 with telephone call-in px (AA) 13 August. (21-Aug/ARDXC Newsplus/Bob Padula)

**KOREA (NORTH) Korean Central Broadcasting Station (KCBS)** Pyongyang's Regional stations relay programs from the KCBS in Pyongyang when not carrying local progs. Local programs are carried weekdays 0500-0600 approx.

Chongjin, North Hamgyong Provincial Service	3980
Hamhung, South Hamgyong Provincial Service	3221
Hyesan, Yanggang Provincial Service	3920
Kangaye, Chugong Provincial Service	3960
Pyongsong, South Pyongan Provincial Service	3350
Sariwon, North Hwanghae Provincial Service	2350
Wonsan, Kangwong Provincial Service	3970v

**KCBS External Service** from Pyongyang operates 24 hours on 11680, 9665, 6100 and 2850 kHz. (BBCM)

**LEBANON** Russian Orthodox programs produced by the *Voice of Orthodoxy* are carried via *Wings of Hope*: 1900-1930 Russian 9960 Su (BBCM)

**LIBYA Jamahiriyah** 17725 NF, s/on variable around 0930+. Also heard on 15435 15415 and 15235, with 15435 audible from about 0745 (Green Dx Press/ARDX Padula/Lobdell/Jihad DX#48)

**MADAGASCAR** For W95, effective 24 September, planned freq usage for the *DW* relay over Radio Netherlands' Madagascar relay: 11725 and 15145 0900-0950 for Southern Africa (Padula/17-Sep/ARDXC "NewsPlus")

**MEXICO** 2390 R. *Huayacocotla* is back on and has been so for "a few weeks". This according to an e-mail from Bruce Girard of AMARC (not ANARC), the community broadcasters' assn, who heard himself direct from a source in Mexico. He didn't include any information on the final resolution of the problems with the government. (Moore-Ft/Valko/Jihad DX #51)

**MOZAMBIQUE Radio Maputo** (external service) The shortwave frequencies of 3265, 4855, 11820 and 11835 kHz listed below are as recently announced by Radio Maputo. However, none of them have been confirmed by recent observations (the 11820 kHz channel used to be heard on around 11818 kHz).

1100-1135	English	11835-a	11820-a
1800-1900	English	4855-a	3265-a

(BBCM)

*Sofala* 3369.9 // 3281.5 at 2200+ (Krone-SWB/Play Dx/Johnson/Jihad DX #51). On reactive 3210.3, not-

ed in Europe from 1850-2128 (Anker Petersen via Jihad DX #41/42/DX Ontario "World Radio Report"/Dave Clark). 5317 NF *Maputo* at 0850-0910 UTC in Portuguese with ethnic mx and ID and news at 0900. (Clemitson-RSA/DSWCI/Petersen/Jihad DX#48)

**NETHERLANDS Radio Netherlands'** final "Happy Station" program aired on 17th September.

**NEW ZEALAND RNZ International** from Sept 24:

0459-0716	11900	Mo-Fr
0459-0757	11900	Sa-Su
0717-1206	9700	Mo-Fr
0758-1206	9700	Sa-Su
1207-1649	9655	occ.sports
1650-1849	5960	Mo-Fr
1850-2205	11735	
2206-0458	15115	

(Adrian Sainsbury)

**NIGER Radio Niger** has shifted down from nominal 5020 to 5019.2, which actually makes reception much easier, at least in Europe, due to less utility QRM. (Finn Krone on AWR "Wavescan" via "DX News" in Contact/World DX Club, Aug/95/DX Ontario "World Radio Report"/Dave Clark)

**NORTHERN MARIANA ISLANDS Monitor Radio International (KHBI):**

0800-0900	15665	9425
0900-1100	13615	9430
1100-1300	9425	9355
1300-1400	13625	9355
1400-2000	9355	
2100-2200	13840	
2200-2400	15405	13625

All weekday programs in English. On weekends the *HERALD of CHRISTIAN SCIENCE* (in Czech, English, French, German, Polish, Portuguese, Russian and Spanish) replaces the normal weekday news and information programs in English from Monitor Radio International. (BBCM)

**NORWAY Radio Norway International** sked 24 September-23 March

0000-0100	7275	6010	5905
0030-0100	7195		
0100-0200	6120	6010*	
0200-0300	6120	5940	
0300-0400	6030*	5965	7165
0400-0500	7165	6195	6040
0500-0600	7185	5965	
0600-0700	11730	9590	7180
0700-0800	9590	7180*	5965
0800-0900	13800	9590	
0900-1000	15230	15175	
1000-1100	11850	7295	
1100-1200	9625	7295	
1200-1300	15605	11840	9590
1300-1400	15605*	11840	9590*

1400-1430	11840*	11730
1430-1500	11850	11840* 11730
1500-1600	11840	11730 9520
1600-1700	11840	9590
1700-1800	9590	7520 7485
1800-1900	9590	9485 5960
1900-2000	9590*	7485* 6195* 5960*
2000-2100	7520	6195
2100-2200	7315	6170 5960
2200-2300	6195*	6170* 5960
2300-2400	7275	6040 5905

All programs in Norwegian, except frequencies marked with an asterisk (\*) broadcast in English on Sundays. (05-Sep/Olav Mo Grimdalen/NRK Frequency Manager)

**PAKISTAN** *Radio Pakistan*, Islamabad, has slow-speed news in English at 0230-0245 on 17725 and 21730. At 1600-1630 there is regular and then slow-speed news in English on 7425, 9485, 11570 and 13590. S/off is at 1700 following a half-hour pgme in Urdu. (Arthur Cushen's "Shortwave Review" for NZ DX Times/DX Ontario "World Radio Report"/Dave Clark)

**PALAU** For W95, eff 24 Sep, planned sked for *KHBN* is:

0000-0200	15140
0800-1100	15140
0800-1400	9730
0900-1800	9965
1100-1800	9985
2100-2300	11775
2200-0000	9965 9985

(George Jacobs and Associates/17-Sep/ARDXC "NewsPlus"/Padula).

**PAPUA NEW GUINEA** PNG Monitoring from the first few days of September has revealed: 2410 *R. Enaga*, Wabag is off-air. 3290, 3325 and 3335 remain as long-time inactive stations. 3345 was noted off prior to 9/15 when it was noted active. 3305 and 3395 remain irregular but have been on-air more often than not. (Martin-OZDX/Jihad DX #51)

**PERU** 4000.1 pres. *LV de la Amistad*, Trujillo; still here some mornings and evenings, sometimes w/vgd signals. 1148 UTC in SS with M giving sermon. Aug.26 (McVicar/Jihad DX#48)

4254.47 UNID: *Radio Ritmo*; 0156 UTC with huayno, merengue. ID at 0201 simply as "*Radio Ritmo*" (Radio Rhythm), TC/ID at 0203, salsa. IDs at 0214, buenas noches, some disco. Open carrier at 0219 and pulled the plug at 0224. Poor Sept.18 (McVicar—Ecuador/Petersen)

4485.11 *Radio Frecuencia* at 0416 to 0500 s/off w/ pgm of carnavalitos & M TC's/ID's. Didn't hear "*La Voz de Celendin*" ID, but many for "*R Frecuencia*." Fair. (GraceDC/Jihad DX#48)

4627.25 *Radio Cosmos*, Celendin; 0228 (McVicar—Ecuador/Petersen)

4638.24v *Radio Soledad* at 1030 UTC w/ huaynos & their trademark drift transmitter. Many IDs and TCs by M over mx. Drifted up half a Hz within 5 minutes! (Grace-DC/Jihad DX#48)

4750.1 *Radio San Francisco Solano*, Sondor; address is Calle (not Jiron) San Miguel #215, Sondor, Prov. de Huancabamba, Depto. de Piura, Peru. (McVicar—Ecuador/Petersen)

4752.18 *Radio Huanta 2000*; 2351 UTC w/ads for Ayacucho businesses/stores, TC, ID "*Radio Huanta 2000 en todo el pais*." Folk mx. fr signals Aug.29 (McVicar/Jihad DX#48)

5235.34 *Radio Apurimac*, Abancay; 1156 (McVicar—Ecuador/Petersen)

5277.01 *Radio Paccha*, Paccha; 0144 (McVicar—Ecuador/Petersen)

5498 *R. Lajas* 0252, s/off around 0345. Thanks McVicar tip. (20-Sep/Johnson/Jihad DX #51)

5547.38 *Radio Paccha*, Paccha; 1214 UTC w/flute & drum folk mx, M anncr with many IDs and TC's, saludos. Address given of Radio Paccha, Jiron Ramon Castilla 52, Paccha, Provincia de Chota. (This is in Cajamarca Depto.) I'm 100% sure about the street name, but only pretty sure about the number. It probably doesn't matter. Good signals Aug. 28. Heard agn w/good signals at 2346 UTC. The anncr was the same both times and spoke quite clearly. Judging by the number of saludos he gave and some letters he read, I'm guessing that this station has already been on for several weeks. Aug. 28. Tnx to Henrik Klemetz's book *Latin America by Radio* for helping me confirm the street name. (McVicar/Jihad DX#48) 0205-0302\* 8/30 mix of Peruvian mx and soft US pop mx in English. Cuckoo clock sfx tc and ID. Thanks R McVicar for help with ID (Rausch) This is *La Voz de Andamachay's* old freq. (Johnson/Jihad)

5556.23 *Radio La Inmaculada*; Still hear quite regularly. 2345 UTC w/ID and folk mx. fr signals Aug.28 (McVicar/Jihad DX#48)

5620.9 *R. Ilucan* (Veldhuis/Jihad DX #51)

6201.25 *Radio La Voz de Huamanga* was noted July 5th at 1110 on 6201.25, this being a reactivation after several months' absence. Annts mentioned the station nickname as "*Radio La Voz*" (omitting "*de Huamanga*"). While visiting Ayacucho, I learned that the locals know the station only as "*La Voz*". For a brief period in 1994, the station operated near its assigned frequency on 6070.1 and I don't understand why they moved again to 6201.25, because this frequency may be subject to interference from the more powerful shortwave outlet of Radio Cuzco which was heard same day at 1125 with local newscast on 6203.92. (TIN in "Relampago DX" #087, via John

Herkimer/Numero Uno/DX Ontario "World Radio Report"/Dave Clark)

6420.29 *Radio Imperial*, Huancabamba; 1752 (McVicar—Ecuador/Petersen)

**PHILIPPINES** *Radio Veritas Asia* introduced its S95 schedule on 3 September. Some variations to morning transmissions are listed. The full morning schedule is as follows:

0000-0025	Sinhala	9670
0000-0025	Karen	9535
0030-0055	Tamil	11820
0030-0055	Kachin	9535
0100-0125	Telugu	15530
0100-0125	Bengali	15335
0130-0155	Hindi	15335
0130-0225	VV	15530
0200-0225	Urdu	15335
2100-2255	CC	6190
2130-2225	RR	9560
2230-2255	CC	7105
2300-2325	Indonesian	11820 & 9505
2330-2355	Burmese	7120
2330-2355	VV	9535

The evening Russian segment is 1030-1125 on 15130. A saw a report some time ago which suggested that the Russian svces at 2130 and 1030 were txers in Russia. There appears to be no substance to that, and it can probably be safely dismissed as wildly speculative. Txers carrying the Russian svces are designated by *Radio Veritas* as 250 kW, located at Palauig, Zambales. Azimuths are: 2130 service on 9560 015 degrees, 1030 service on 15130 330 degrees. (BP/06-Sep/ARDXC "DX-Press"/Padula)

**POLAND** English via *Polskie Radio 5* Warsaw til March 31, 1996:

1300-1355	6095 7145 7270 9525	11815 satellite
1800-1855	6095 7270 7285	satellite
2030-2125	6035 6095 7285	satellite

(Michiel Schaay/17-Sep/BCDX/Bueschel)

7017.7 *R. Maryja* is perhaps an unauthorized relay as this station is listed in the WRTH, heard around 1700. (Krone-DSWCI/Johnson/Jihad DX #51)

**PORTUGAL** Russian Orthodox programs produced by the *Voice of Orthodoxy* are carried via Sines, Portugal:

1000-1030	Russian	9670 Su
1530-1600	Russian	9670 Sa

(BBCM)

**QATAR** *Qatar Broadcasting Service*, all programs in Arabic:

0245-0707	11785v
0707-1700	15345v
1700-2130	11785v

(BBCM)

**ROMANIA** Since 13th September an unidentified Romanian-language radio station has been heard broadcasting irregularly on 14201.5 kHz shortwave in upper sideband (USB) mode. No station identifications have been heard, although from its programming it appears that the radio may have a military background. Its output is concerned, in part, with the situation in the Russian-speaking breakaway Dnestr region of Moldova. Direction-finding indicates that the transmitter is located in the Bucharest area. However, it is not known whether the broadcasts are originating from studios in Bucharest or elsewhere. First heard with broadcasting in progress at 1020 on 13th September. The station was unheard on 16th, 17th or 18th September. On 19th September it was heard briefly at 0650-0707, broadcasting only Romanian folk music. As before, the transmission ended abruptly. On 20th September the station was heard in progress at 0605 until it closed just after 0700. The transmission consisted entirely of Romanian folk music, interrupted at one point by a continuous tone. (20-Sep/BBCM)

**SAUDI ARABIA** Latest sked from *BSKSA*:

0255-0600	1st AA Program	10990U
0300-0400	AA Holy Koran	11920 11740
0300-1700	2nd AA Program	10990L 9580
0400-0600	AA Holy Koran	17895-(fm 0400) 11920 11740
0600-0630	AA Holy Koran	11920 11740 9730 9710
0600-0900	1st AA Program	11820 11710 10990U
0630-0900	AA Holy Koran	11920 9730 9710
0900-1200	1st AA Program	15060 11820 10990U
0900-1200	AA Holy Koran	21530 17880 11920 9730
1200-1500	1st AA Program	15175 15060 10990U
1500-1700	AA Call of Islam	11965 11950 11780 10990U
1500-1800	1st AA Program	11965 11950 11780 10990U
1600-1800	AA Holy Koran	11710 9730
1700-2100	2nd AA Program	10990L 6202
1800-2300	1st AA Program	11935 10990U 9870 9555

(BBCM)

**SEYCHELLES** *FEBA* Seychelles sked as of 05 September 1995:

0108-0156	Tamil	6140
0156-0228	Telugu	7325
0213-0230	Punjabi	11675 We/Sa
0213-0230	Sindhi	9810
0213-0230	Urdu	11675 Su/Mo/Tu/Th/ Fr
0230-0245	Baluchi	9810 Fr/Sa
0230-0245	Punjabi	9810 Mo/Tu
0230-0245	Pushto	11675
0230-0245	Siraiki	9810 We/Th
0230-0245	Urdu	9810 Su
0245-0300	Dari	11675

0300-0330	Farsi	11675
0312-0400	Swahili	9820 Su-Fr
0312-0415	Swahili	9820 Sa
0330-0345	Azeri	11675 Su/Mo/Fr/Sa
0345-0432	Arabic	11675 Mo/Tu/We/Sa
0345-0447	Arabic	11675 Su/Th/Fr
0357-0415	Portuguese	9420 Th
0357-0430	Portuguese	9420 Su/Mo/Tu/We/ Fr/Sa
0427-0500	Dari	15555 Fr
0500-0531	Farsi	15555 Fr
0912-0930	French	15430
0930-0945	Malagasy	15430 Sa/Su
0957-1058	Tagalog	15555 Fr
1058-1145	Arabic	15555 Sa-Th
1142-1200	Tsangla	15445 Sa
1157-1205	Creole	11675
1157-1230	Tibetan	15445 Su-Fr
1200-1230	Tibetan	15445 Sa
1205-1220	French	11675
1230-1245	Nepali	15445
1245-1300	Mundari	15445 Fr-We
1245-1300	Nagpuria	15445 Th
1254-1326	Malayalam	11670
1257-1330	Tamil	9810
1300-1315	Bhili	15445 Fr/Sa
1300-1315	Kui	15445 Su/Tu
1300-1315	Oriya	15445 Mo/We/Th
1315-1330	Bhojpuri	15445
1326-1343	Gujarati	11670
1330-1345	Chattisgarhi	15445
1330-1400	Sinhala	9810
1343-1358	Punjabi	11670
1345-1400	Hindi	15445
1358-1413	Urdu	11670
1400-1443	Urdu	9810
1412-1445	Bangla	7270
1413-1458	Hindi	11670 We-Mo
1443-1458	Hindko	9810 Fr/Sa
1445-1500	Badaga	7270 Su/Mo
1445-1500	Konkani	7270 Tu/We
1445-1500	Tulu	7270 Th/Fr
1445-1515	Kannada	7270 Sa
1458-1530	English	11870 Tu-Fr
1458-1545	English	11870 Sa-Mo
1458-1600	English	9810 Mo-Sa
1500-1515	Kannada	7270 Su-Fr
1530-1547	Yao	9795
1558-1630	Amharic	9865 Su/Mo/Fr/Sa
1607-1625	Dari	7320
1611-1658	Swahili	9810
1625-1658	Malagasy	6140
1628-1700	Amharic	9865 Tu-Th
1630-1700	Amharic	9865 Fr-Mo
1658-1730	Somali	9810 11745
1700-1747	Arabic	9420 Mo/Tu/We/Sa
1700-1802	Arabic	9420 Su/Th/Fr
1800-1833	Farsi	9420 Mo/Tu/We/Sa
1802-1833	Farsi	9420 Su/Th/Fr
1830-1848	French	9420 We
1830-1903	French	9500 Th-Mo

(direct)

**SIERRE LEONE** Following up on the mysteriously-elusive-yet-high-powered *Radio Al-Koran Al-Karim*: broadcasts are said to be in Arabic, English, French, Fulani, Hausa, Susu, Themne, Maninka, Mende and Krio. The station's studios are said to be at Kissy Town and its shortwave transmitter at Waterloo. Sked is 1500-1900 on 9630 kHz. (BBCM) There is no way the ascribed *Radio Al Koran* is operating on 9630 with a 250 kW transmitter [cf July/95 DXO]. There is no trace of it from South Africa on a completely clear channel. (Vashek Korinek in Numero Uno #1333/DX Ontario "World Radio Report"/Dave Clark)

**SINGAPORE** *Radio Singapore International (RSI)*:

1100-1400	Chinese	9590
1100-1400	Malay	9635
1100-1400	English	9530

(BBCM)

**SOMALIA** *Radio Mogadishu*, Voice of Somali Pacification ("Radiyo Moqdisho, Odka Nabadeynta Soomaaliyeed") 0300-0500, 0930-1200 and 1500-1800 in Somali on 6722 kHz. (BBCM)

**SOUTH AFRICA** *Channel Africa* sked from 24 September 1995 to 30 March 1996:

0300-0400	Kiswahili	6000
0300-0500	English	11900 9585 7185 5955
0300-0400	French	7185
0400-0600	French	9520
0330-0430	Chinyanja	3955
0400-0500	Portuguese	9655 3345
0500-0600	Portuguese	9655
1500-1700	Kiswahili	11900
1500-1600	Shona	4945
1500-1800	English	9545 7240
1600-1700	English	15240
1600-1700	Silozi	5955
1600-1800	Chinyanja	6120
1700-1800	Bemba	5955
1800-1900	Xitsonga	3345
2000-2100	Portuguese	7225 3345

**Domestic Shortwave Services: Definite Schedule from 24.09.95-30.03.96 (100kW):**

0300-0430	<i>Afrikaans Stereo</i>	3320
0435-0655	<i>Afrikaans Stereo</i>	6000
0700-1655	<i>Afrikaans Stereo</i>	7185
1700-2300	<i>Afrikaans Stereo</i>	3320
2300-0300	<i>Radio 2000</i>	3320
1655-0435	<i>Radio Oranje</i>	3230
0440-0650	<i>Radio Oranje</i>	5965
0655-1650	<i>Radio Oranje</i>	7270

(Piet Conradie—RSA)

**Trans World Radio-Swaziland via Meyerton relay:**

0330-0405	Amharic	7215
0405-0420	Somali	7215
0600-0700	English	11730
1630-1800	Oromo/Tigrinya/Amharic	9530
1900-2100	various*	9510

\*Yoruba, Fulani, Hausa, Twi  
(TWR/11-Sep/BDXC/Bueschel)

**SRI LANKA** A verification letter from TWR Puttalam confirms that the low power outlet on 6035 kHz left the air on April 2/95 due to the increased use of high power medium wave outlets originating from the CIS. (Ed Kusalik in Numero Uno #1332/DX Ontario "World Radio Report"/Dave Clark)

Victor Goonetilleke advises, however, that the 12.5 kW transmitter on 6035 remains in use by the SLBC for an unofficial service in Tamil at 1315+ which is sponsored by the EPDP group, an association of all Tamil militant groups supporting the government against the LTTE extremists. The program is on the 400 kW medium wave transmitter at Puttalam-882 kHz, which is now controlled by the SLBC, at 0900-1315; it then switches to 6035 at 1315 because TWR has airtime on 882 MW at 1330-1900. (Finn Krone's "World DX News and Tips" in DSWCI Short-Wave News, Aug/95/DX Ontario "World Radio Report"/Dave Clark)

**Deutsche Welle (DW)** will pull out its 13 German employees from its Trincomalee relay station in Sri Lanka on 16th September. The decision, taken in agreement with DW's board of governors by the managing director of the German external broadcaster, Dieter Weirich, was announced by the latter on 15th September.

According to Weirich, the tense security situation in the northeastern part of this Indian Ocean island is the reason for this decision. Fighting has regularly flared up near the relay station since the cease-fire agreement in Sri Lanka broke down on 19th April 1995. It is well known that a large offensive by government forces against the separatist Liberation Tigers of Tamil Eelam (LTTE) organization is about to be launched. As LTTE retaliation in the form of more violent terrorist attacks in the east of Sri Lanka is likely, a deterioration of the security situation near Trincomalee is to be expected.

DW staff will stay in the capital Colombo, said Weirich. To prevent destruction to the technical installation and looting, the station's perimeter will be protected from outside by the army. Local staff and security guards will remain on the site to maintain its operational capability.

Weirich announced that DW would hire 16.5 hours of airtime [per day] in Russia from 16th September to boost signals sent from DW's European transmitters in order to guarantee the presence of DW programs

in the most important target areas after the closing down of the Trincomalee relay station, (15-Sep/DW press release/BBCM)

**SURINAM R. Apintie** 4.990.95 @ 0245-0400\* Back to back US light pops, Yanni and the like. S/Off announcements by M w/ mentions of their FM stereo outlet. Anthem followed by "beat of the Apintie drum" IS as noted in WRTH. Had to listen to my tape of this one several times to get the si/off anncs to pin it down for sure. (Rippel-VA/Jihad DX #51) [Cool!—ed.]

**SYRIA Radio Damascus** sked:

0300-0430	Arabic	12085 (Voice of Iraq)
1600-1700	Turkish	15095
1700-1800	Russian	15095
1805-1905	German	15095 12085
1900-2100	Arabic	12085 (Voice of Iraq)
1905-2005	French	15095
2005-2100	English	15095
2105-2205	English	15095 12085
2215-2315	Arabic	15095 12085
2315-0030	Spanish	15095 12085

(BBCM)

**TANZANIA R. Tanzania**, Dar-es-Salaam is back on 5986 after a long absence and probably replacing 6105 kHz with its 100 kW transmitter. Heard in Zimbabwe at 0815-1405. (Gerhard Werdin/Anker Petersen/DSWCI)

6014.7 R. Tanzania Zanzibar noted at 1450 but no sign of 11734.4 (Foster OZDX via Johnson Jihad Dx)  
6014.7 RTZ 2000\* (Krone NU via TLC via Johnson Jihad Dx)

**TURKEY Voice of Turkey** sked:

0000-0400	Turkish	11710 9560 9445
0400-0500	English	9445
0400-0600	Turkish	6140
0500-1000	Turkish	15385 15145 11925 9460
0800-0900	Azeri	9590
0900-1000	Arabic	11955
1000-1100	Arabic	11955 11750
1000-1100	Turkish	15350 9460
1030-1100	Hungarian	7290
1100-1130	Romanian	7290
1100-1600	Turkish	15430-(Fr only) 15350 11955 9460
1130-1200	Serbo-croat	7290
1200-1230	Albanian	7290
1230-1300	Chinese-std	9600
1300-1330	Urdu	9675
1330-1400	English	9675
1400-1500	Persian	9675
1500-1530	Russian	7285
1530-1600	Serbo-croat	5980
1530-1600	Greek	7180
1600-1700	Arabic	15430 11955
1600-1700	Azeri	7285

1600-1700	Turkish	15350 9460
1700-1730	Arabic	11955
1700-1800	Bulgarian	5980
1700-2300	Turkish	11945 9685 9460
1730-1830	German	9445
1800-2200	Turkish	5980
1830-1930	Greek	7110
1930-2030	Persian	9675
2030-2100	German	9445
2100-2200	English	9445
2200-2300	Bulgarian	5980
2200-2300	French	9445
2300-0000	English	11710 9445 7185
2300-2400	Turkish	9460

(BBCM)

On Samos, Finn checked the small SW stations listed in *WRTH95*: The *Turkish Police R* was heard strongly on 7370 kHz. The *Turkish Meteorological R* was heard strong on 6900 kHz. There was no sign of *Capital R*, Turkey on 7101.5 kHz. There was no sign either of *Istanbul Police R* on 6325.1 kHz. This probably terminated broadcasting some years ago. (Finn Krone/Anker Petersen/Jihad DX #51)

**UNITED ARAB EMIRATES UAE Radio** (Abu Dhabi)

0200-0400	Arabic (DS)	21735 17855 17770 9695 7215
0400-0500	Arabic (DS)	21735 17855 9695 7215
0500-0600	Arabic (DS)	11970 11815 9695
0600-0700	Arabic (DS)	11970 11885 11815 9695-(to 0630)
0700-0800	Arabic (DS)	13605 11970 11885
0800-0900	Arabic (DS)	15285 13605 11970
0900-1100	Arabic (DS)	21735 17760 15285 13605
1100-1200	Arabic (DS)	21735 17885 17760 13605
1200-1300	Arabic (DS)	21735 17885 17760 11970
1300-1500	Arabic (DS)	17885 17760 11970 11885
1500-1600	Arabic (DS)	17885 15285 11970 11885
1600-1700	Arabic (DS)	15285 13605 11885 9770 9695
1700-1900	Arabic (DS)	15265 13605 9770 9695 9605
1900-2000	Arabic (DS)	15265 13605 9695 9605 6180
2000-2200	Arabic (DS)	11710 9695 9605 6180
0000-0200	Arabic (ES)	13605 11970 11885 (Not broadcast during Ramadan)
2200-0000	English*	13605 11970 11885

\* includes relay of Capital Radio 2230-2300 (BBCM)

**URUGUAY** A new shortwave station, *Radio Emisora Ciudad de Montevideo*, is expected to be on the air soon on 9650 and on 15230 kHz. This according to Don Rhodes of the Australian magazine "DXers Calling." In addition, the government radio station *SODRE* expects to resume its shortwave international service quite soon. Stations active on the air currently are *CXA4* on 6125 and *Radio Maldonado* on 4970. All other listed shortwave stations in Uruguay are currently off the air. (30-Jul/AWR Europe "Wavescan"/BBCM)

**USA WEWN** Worldwide Catholic Radio, Birmingham, AL sked 23 Sep-31 Mar. Notice they're down to two languages:

0000-0100	English	7520
0000-1000	English	5825
0000-1255	English	7425
0100-0500	Spanish	7520
0500-0700	Spanish	7465
0700-0800	English	7465
0800-0900	Spanish	5975
0900-1000	Spanish	5975
1000-1100	Portuguese	5975
1000-1100	English	7465
1100-1200	Spanish	6000
1100-1200	English	7465
1200-1300	English	6000
1200-1300	English	15115
1300-1400	English	7425/11875
1300-1400	English	15375
1300-1400	English	15115
1400-1500	English	9455/11875
1400-1500	English	15235
1400-2300	Spanish	15375
1500-1600	English	15235
1500-1600	English	9455/11875
1600-1700	English	15340
1600-1955	English	11580/13615
1700-1800	English	15340
1800-1900	English	13695
1900-2000	English	13695
2000-2100	English	13695
2000-2355	English	7425/13615
2100-2200	English	5825
2200-2300	English	5825
2300-2400	English	5825
2300-2400	English	7520

(Richard Jones/Andreas Volk—Germany)

7315nf *WGTG* 1322-1333 Test transmission on a new freq. ID and request for reports repeated. Weak but highly readable. (16-Sep/Ondrechen-MA/Jihad DX #51)

*WINB*—W95 sked is 11740 1900-2200, 11950 2200-0600, 15715 1600-1900. (George Jacobs and Associates/Padula/Jihad DX #51).

*WJCR*, Upton, KY, operates 24 hours in English on 7490, and 24 hours in English and Chinese on 13595 kHz. (BBCM)

**Monitor Radio International/WSHB Cypress Creek, SC:**

0000-0200	9430 7535
0200-0300	9430 5850
0300-0400	9455 7535 5850
0400-0500	9840 7535
0500-0900	7535
0900-1000	7535 7395
1000-1400	7395 6095
1600-1800	21640
1800-2000	17510 13770
2000-2200	13770 9355
2200-2400	13770 7510

All weekday programs in English. On weekends the **HERALD OF CHRISTIAN SCIENCE** (in Czech, English, French, German, Polish, Portuguese, Russian and Spanish) replaces the normal weekday news and information programs in English from Monitor Radio International. (BBCM)

The FCC has authorized **WWCR** Nashville to start testing on 3315 kHz.

**KNLS** transmission schedule til March 31, 1996:

0800-0900	English	6150
0900-1000	Russian	6150
1000-1100	Chinese	7365
1100-1200	Russian	6150
1200-1300	Chinese	7365
1300-1400	English	7365
1400-1700	Chinese	7355
1700-1800	Russian	7355

(KNLS/08-Sep/BDXC/Wolfgang Bueschel/Internet)

**VANUATU** A phonecall to **Radio Vanuatu** re irregular use of 4960 kHz resulted in this sked:

0600-1100 3945  
2100-0700 4960

(Martin/Jihad DX)

**VIETNAM** 5036.6 *Hanoi* Hmong prgr noted at 1135 on 9/18. This would be Hans' unid from last time. Hmong is much distinctive from VT. While 6165 is listed as a // freq, I do remember something being on 6166 a few months ago. Must check this out! 5036 is quite strong here. (Martin/Jihad DX #51) Seems \*1200 (Johnson/Jihad)

**ZAIRE** Monitoring observations have confirmed that *Voix du Zaire* in Kinshasa has reactivated on 15244 kHz, unheard since the 1980s. Sked appears to be 0600-1900, although it may sign on earlier and off later (confusion due to poor reception). (BBCM)

**ONE GOOD REASON NOT TO TOSS OUT YOUR SHORTWAVE SET QUITE YET**

The signs are ominous. In late 1998 or 1999, earth is likely to encounter the worst meteor storm in 33 years that threatens some 250 orbiting satellites vital to communications, computer links and banking. The approaching meteor storm, known as the Leonids, "presents about three years' worth of debris in about an hour", says Don Kessler of the National Aeronautics and Space Administration... (23-Aug/PTI news agency, New Delhi/BBCM)

**SW**

**FOR SALE:** Drake 2-B communications receiver with matching Q-Multiplier and speaker. Includes crystals for the 60 through 16 meter SWBC bands and the 80 through 10 meter amateur bands. In very good condition. Price \$100.00. Victor Barz, 8198 T-Drive n., Battle Creek, MI 49017-9437. Phone 616/965-4529 anytime.

**FOR SALE:** Customized Beam Headings (from/to) and Distances (MI/KM) to more than 480 WRTH transmitter sites including new Russian republics. ITU Country Codes includes. Send your location or coordinates. \$7.15. NASWA Journals '91, '93, '94 complete, \$11.00 a year or \$30.00 for all three. WRTH '91, \$7.00; '93, \$8.00; '94, \$10.00 or \$20.00 for all three. Passport to World Band Radio '94, \$9.00. All items include shipping (overseas shipping extra). Cashiers check or money order only, please. Al Drehmann, Route 2, Box 30B, Tryon, NC 28782. Phone 704/894-3398. No collect calls, please.

**FOR SALE:** Clearance sale!!! Foreign language prepared QSL's. Available in Spanish, French, Indonesian, and English. Mix and match. 100 cards for \$4.00, 200 cards for \$6.00, 500 cards for \$13.00. To U.S. addresses only. Shipped by First Class Mail postpaid. Bill Plum, 12 Glenn Road, Flemington, NJ 08822-3322. Phone 908/788-1020 days only.

**WANTED:** McKay Dymek DA-5 ferrite loop antenna for BCB. Rick Krzemien, 5398 Concerto Circle, Concord, CA 94521. Phone 510/687-2719.

**FOR SALE:** Shack sale continues! More stuff added. Magazines, books, station items, bumper stickers, etc. Current list is about 10 pages and \$1.00 gets you a copy. G.L. Dexter, 213 Forest Street, Lake Geneva, WI 53147.

# Pirate Radio Report

Chris Lobdell  
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CompuServe: 75720,253

## Trick Or Treat—Pirate Style

Halloween is one of the most popular pirate holidays, and this one should be no exception. Because it falls on a Tuesday this year, expect to hear stations on the weekend preceding Halloween and from 2200-0300 or so on Halloween night. Look for the return of stations such as RADIO HALLOWE'EN, WITCH CITY RADIO and THE VOICE OF THE DEAD who only operate once a year on this holiday. The frequency to check out is 6955 kHz, as long as it is still free of interference. Another frequency seeing some use lately is 13900. Check this one out weekends from 1500-2000 UTC. Nick Grace from DC checked in to let us know that a coronal hole on the sun is expected to hinder propagation! Let's hope for the best.

## NAPRS on QSLing—Part Two

Here is the conclusion of Dick Pistek's article on QSLing from a pirate station op's point of view:

"Although we don't require that listeners make reception reports interesting by including information about themselves and their interests, it's always nice to read a well written report. The NAPRS tries to make the prospect of QSLing as enjoyable as possible. We have two different QSL designs, and both designs come in a variety of card stock colors.

As an incentive to increase listener participation, we have started the NAPRS AWARDS PROGRAM. For those listeners who have QSLed more than five different stations relayed by us, a handsome certificate, suitable for framing is available. For more information on our awards program, write to us at Box 452, Wellsville, NY 14895. Please include three 32¢ mint stamps.

In closing, I'd just like to say to all the other operators that QSLing is our way of showing we care about our listeners. If we do it in a fair manner, it will help promote the hobby." (Thanks, Dick, for the interesting article!)

## Radio Doomsday Calls It Quits

Recently, we heard from Nemesis at RADIO DOOMSDAY. He has decided to throw in the towel and close the station down. When questioned, his response was that he had too much money invested in radio equipment to have it confiscated by the FCC in case his shack was raided by the feds. Radio Doomsday hit the airwaves in a big way in November of 1993 with a series of tests and became a popular pirate mainstay throughout 1994. Nemesis even staged his own suicide in the summer of 1994, only to be brought back from the dead on Halloween of that year by Captain Eddie of The Radio Airplane. Good luck Nemesis, we'll miss you.

## Pirate Bandscan

Lots of you folks wrote in with pirate logs. The three day Labor Day weekend was very busy with 6955 kHz sometimes having more than one station going at once! The Europirate RADIO AMAZONIA was heard by North American relay by Ross Comeau in MA on 6955 kHz on September 3rd. This was also heard by Bill Taylor in PA. OUTLAW RADIO was heard on Sept. 2nd on 6955 kHz by Don Putnick of CA, as well as Benton Owsley in CA who heard them on September 14th. The VOICE OF HELIUM, a new station was heard by many folks, including Mary Jo "Mama DX" Ondrechen who heard them at 2305 on the 4th of September. Ross Comeau and Bill Taylor also had their fill of Helium. John Fisher of Chelmsford, MA noted PRIMITIVE RADIO on a Sunday AM broadcast. It was on September 10th at 1350 UTC on 6955 kHz. ALTERED STATES RADIO was heard with their special Labor Day Broadcast by Bill Taylor at 0020 on Sept. 4th. The same show was snagged by Mary Jo "Mama DX" in Canton, MA. Bill also heard another new one called POLKA on September 5th at 0322 UTC. What have you been hearing? Write and let us know!

Happy Pirate Hunting!



# English Schedules

Tom Sundstrom

PO Box 2275

Vincetown, NJ 08088-2275

Fax 609-859-3226

Internet: T.SUNDSTROM@pics.com

Prepared 9/26/95.

Thanks to Chris Hambley (Australia), Dave Kenny (BBC WBI), Adam Lock (WWCR), Jonathan Marks (R Netherlands), Rich McVicar (HCJB), Dr. Adrian Peterson (AWR), and Brian Saade (CA).

**Albania:** R Tirana announces CET times and fails to announce the 0230 release.

1715-1730	UK	9740	7155
1930-2000	UK	9740	7270 1458
0145-0200	NAm	7160	6140
0230-0300	NAm	7160	6140

**Bulgaria:** Via Brian Saade, the 60-minute releases are

01 and 05	NAm	9700	9480
1230	As	11605	9810
20	Eu	9700	7335
22	Eu	9700	7105

Here in NJ CHU gets a run for its money during our afternoons.

**China:** CRI at 22 to EU via the CIS is now on 7170, down from 9880.

**Caribbean:** Hurricane Luis laid waste to the eastern Caribbean, and the BBC's 5975 was among the missing UT 4 Sep. And DW's relay was also off the air. 5975 via the UK was on the next day. Some people in NAM for reasons of receivers, antennas or locations couldn't hear the lesser signal — no doubt using a highly directional antenna aimed at the Caribbean — and thought the BBC was off the air on this frequency. Judging from signal strength and audio delay,

the Antigua site came back on line on the afternoon of September 20.

**Costa Rica:** I don't know who suggested or decided that RFPI move from 9400 to 9390 around September 1, but it clearly was an unmitigated disaster here on the east coast in September. Kol Israel's Reshet Bet 17-23 service to wEu/NAm obliterated RFPI. RFPI moved back to 9400 by the 14th. And Turkey helped by moving the European releases to 9445, from 9400, for the Winter season.

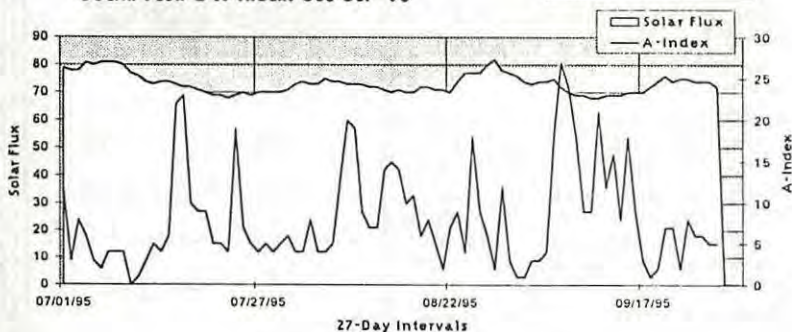
**Czech Republic:** Prague adds three new NAm releases to the Winter line-up. 1400 on 13580, 21 on 5930 and 2230 on 7345 and 5930 add to the existing releases.

**Ecuador:** From September 1, the Andean release on 6080 was dropped. The 15540U frequency was dropped as of the 24th; 21455 remains in use 24 hours. The antenna's been slewed a bit to the east for the evening release to NAm for those of us who are troubled with the strong RCI signals on 9755.

0030-0500	9745	eNAm	100	351
0500-0700	9745	wNAm	100	324
0700-0830	6050	Eu	230	035
0700-1130	5900	sPac	100	215
1100-1500	12005	Carib	100	043
1130-1430	15115	N&SAm	50/50	53/160
1430-1600	15115	SAm	100	139
1700-2000	15490	Eu	100	042

**Greece:** The information on their Web site is incorrect so far as NAm is

SOLAR FLUX & A-INDEX: JUL-SEP '95



<http://www.pics.com/trs/>

concerned. The VoG is using 7450, 9420 and 9935 to NAm.

**Guam:** On KTWR, a new 15-minute DX program "Pacific DX Report" prepared by members of the Australian Radio DX Club started on September 30. The show airs Sa 0815 and 0940, Mo at 1615. (via HCJB's "The Latest Catch")

**Hungary:** All new frequencies here, but at 02 I can't hear 11870 due to the low MUF. At 22 I hear all, but must resort to USB to listen to 3975 due to a (silly) K1MAN "news" broadcast.

2000 Eu 9835 7250 5970 3975  
2200 Eu 9835 7250 5935 3975  
0200 NAm 11870 9850 6190  
0330 NAm 11870 9850 5965

**Lithuania:** At 00 UT to NAm, 5940 replaces 7360.

**Mongolia:** Chris Hambley, Australia, is hearing the 1930 UT release to Europe on 7530. (The parallel outlet is 4080). Chris says the signal is consistently very good.

**Israel:** Kol Israel's Winter schedule is 0500-0515 on 5885 and 7465 to wEu and NAm, 17545 to As/Aus; 2000-2030 on 7465 and 9435 to wEu/NAm, 9845 and 13750 to LAm, and 7415 to nEu/wNAm.

**New Zealand:** RNZI has moved to some better frequencies for our mornings:

UTC	kHz	
1650 - 1850	5960	Mon-Fri
1851 - 1951	9655	Daily
1952 - 2216	11735	Daily
2217 - 0458	15115	Daily
0459 - 0716	11900	Mon-Fri
0459 - 0757	11900	Sat-Sun
0717 - 1206	9700	Mon-Fri
0758 - 1206	9700	Sat-Sun
1307 - 1649	9655	Occ. use

**Slovakia:** From September 24, AWR Europe via Rimavska Sobota has English scheduled as follows: 04 9465 (Af), 06 11655 (Af) and 5905 (nwEu), 09 15620 (Af), 17 9475 (Af), 21 9465 (Af), and 22 7100 (Af). This includes *Wavescan* Sundays at H+20.

**South Africa:** It looks like the best bets to hear Channel Africa will be 05-06 on 11900 and 16-17 on 15240, both directed to west Africa. Unfortunately Afrikaans Stereo will not be returning to the excellent 4810 outlet. The 3320 outlet is almost impossible here with utility digital signal interference.

**Ukraine:** R Ukraine Int'l apparently got its new announcements almost right,

but jumbled the order of frequencies:  
2200 Eu 6055 4795 6130 4820 5905 6010 7205  
7240 5940

0100 NAm 6055 5915 5905 7205 6010  
0400 NAm 6055 5915 5905 7205 6010

At 22 I heard all but 6055. Also heard unannounced 7135.

**USA:** After 7 years and 9 months as host of VOA's *Communications World*, Gene Reich's last show aired the first weekend of September. He left VOA to pursue a career with World Space Inc., a DBS company. Dr. Kim Andrew Elliott, with his new son Ian fussing by his side as he types scripts, took over the on-air duties on the 9th. Thanks Gene, for all your work. Kim, good luck and welcome!

The FCC has approved WWCR's application to use 3315 during the Winter broadcast season. It will replace 7435 when the MUF plummets during the long Winter nights. And transmitter #4 may be up and running as early as mid-December.

**Vietnam:** The V of Vietnam 01-03 via the CIS is now on 5940, down from 41m.

**Yugoslavia:** The releases to NAm shifted an hour to 0000 and 0430, dropping 11870. 9580 is quite good here. No changes to Europe and Africa releases.

**Propagation:** The August 24 Media Network led off with a story that the first spots of solar cycle 22 have been seen. In the past that means the end of the cycle is 12-15 months away. We have the CalTech press release on our Web pages.

## NEWS

*Schedules v 3.07 now available - supports the new Lowe HF-250 and Drake R8A receivers! Call Gilfer Shortwave for details.*

# QSL Reports

**Sam Barto**  
47 Prospect Place  
Bristol, CT 06010



**DIRECTORATE GENERAL  
ALL INDIA RADIO**  
AKASHYANI BHAWAN,  
PARLIAMENT STREET,  
NEW DELHI-110001 INDIA

3/1/95-E-III Dated 13.07.95

File No.

Dear Sir/Madam,

We gratefully acknowledge your Reception Report and confirm your listening in our programme on 3277 MHz on 11.1.94 1152 UTC

The transmission originated from our Station at Surat

Your faithfully,

(A.S. GUIN)

Director Frequency Assignments  
for Director General

He has, except, you, to  
VISHU BHAVAN, LAKSHMI GUPTA, LKH



Mr. John L. Sgullella

357 Bullet Hole Road

MANHATTAN, NEW YORK 10541

U.S.A.

**ABU DHABI: UAE Radio** 9605 p/d ltr. in 70 ds. (Fowler-AL).

**ANDAMAN ISLANDS: All India Radio** 4760 via **Port Blair** f/d cd. w/ site in 252 ds. for \$1.00. v/s A.S. Guin, Director of Frequency Assignments. (Martin-CA).

**ASCENSION ISLAND: VOA** 15160 f/d "Greenville" cd. w/ sticker in 6 ds. v/s John Vodenik. (Stephens)

**AUSTRALIA: Radio Australia** 15365 via **Shepparton** f/d "Southbank Centre"

cd. w/ schedule in 44 ds. for 3 IRCs. (Fowler). 17795 f/d "Shepparton Anniversary" cd. w/ ltr and sticker in 42 ds. (Stephens-AL). 7240 via Gordon. (Stephens-AL).

**Brandon** f/d ltr. w/ "Wilderness Society" cd. in 34 ds. (Stephens). 15510 via **Darwin** f/d "ABC Centre" cd. w/ 95 calendar, magnet, sticker and schedule in 36 ds. after a f/up rpt. v/s D. Gordon. (Stephens-AL).

**AUSTRIA: Radio Austria International** 13730 f/d "Savings Bank" cd. in 19 ds. (Brown). 9655 f/d ltr. w/ schedule and map in 23 ds. (Washburn-ME). 9870 f/d "World Map Sheet Commemorating the 750th show of their German DX Program" w/ ltr. and sticker in 18 ds. (Stephens-AL). **OE1XRW RAI Ham Station** 21270 f/d multi-colored photo folder cd. in 18 ds. for 1 IRC and SASE. (Stephens-AL).

**BELGIUM: Radio Vlaanderen International** 13670 f/d "Statue of Brabo" cd. w/ sticker in 48 ds. (Washburn). 9925 f/d "Soccer Team" photo cd. in 129 ds. (Levison-PA). cd. w/ schedule in 51 ds. (Horan). f/d cd. in 2 mo. w/ sked. and sticker for \$1.00. (Dacus-AR).

**BOLIVIA: Radio Libertad** 5005 2 page laser printed ltr. w/ sticker and pocket protector in 39½ mo. total after a f/up rpt. The QSL was mailed from No. Virginia PO. (Berg). **Radio Panamerica CP92** 6105 f/d "Map" cd. w/ ltr. in 54 ds. for a SP rpt. and \$1.00. v/s Daniel Sanchez Rocha, Director. (Durden-GA).



An **Ch. Lobdell Stanton Josephschults**  
vielen Dank für Ihre Mitteilung zum Empfang von RADIO PANAMA INFO. Wir bestätigen hiermit Ihre Angaben vom 02.07.95 bis 03.07.95 MEZMEZUTC

Der Empfang erfolgte  über die Satelliten  ASTRA 1A  DFS-Kopierstudio  TV Set 2  
 über Langwelle 261 kHz  über das Kabelnetz der Telekom  über UKW  MHz  über KW 5,980 kHz

Wir würden uns freuen, Sie weiterhin zum Kreuz verbinden. Bitte schreiben Sie uns.

Datum 05.06.19 93 Unterschrift *SJ*



RADIO PANAMA - INFO,  
TelegrafPark, Postfach 348,  
W 5508 Daun, Germany

QSL-Verification-Card

**Radio Fides** 6155 short n/d ltr. in 245 ds. for a SP rpt. and \$1.00. v/s Eduardo Perez Tribarne, Director. (Mar-  
**BRASIL: RadioBras** 15445 tin-CA). f/d ltr. in 3 wks. (Fowler).

\* **Radio Timbira** 4975 n/d ltr. in 56 ds. for \$1.00. (Paszkiwicz). **Radio Educacao Rural** 4755 n/d ltr. in 1201 ds. on my 9th try for a PT rpt. and several \$\$\$s. v/s Ailton Guerra, Gerente. (Durden). **Swiss Radio International** 5885 f/d "Fribourg - Town Hall" cd. w/ site in 19 ds. (Washburn).



**CANADA: RCI** 11955 f/d "50th Anniversary" cd. in 2 wks. w/ sticker and pennant. (Loudell-DE).  
**Radio Japan** 5960 via **Sackville** in 35 ds. (Brown-IL).

**CANADA (Pirate): CFBN Fly By Night Radio** 7375 f/d "Fly" cd. in 80 ds. (Stephens-AL).

**CELEBES: RRI Manado** 3214.8 nice f/d cd. in 26 ds. for an IN rpt. v/s Costher Gultom, Manager. (Martin-CA).

**CHILE: Radio Santa Maria** 6029.6 f/d prepared cd. w/ ltr. in 8 mo. for \$1.00 and a taped rpt. (Yamada-NM). **CHV Time Station** 8677 f/d

**NON-RECLAME: Adie Durden** says that he just received a taped report back from RTV Malagasy stamped "Non Reclame" or unclaimed. Did they change from B.P. 1202 to a new address? Same thing happened in December for a report to Radio Uganda and a registered package sent to La Voix du Zaire in Kisangani. From the postmarks it was obvious that they had all arrived at their intended destinations. I've also had the same problem with the Congo and Mauritania. Any help or suggestions?...You could try the embassy or U.N. route which has worked at times...Sam.

"Logo/Map" cd. w/ postcard in 37 ds. after 3 f/up rpts. in SP. v/s German Valdivia Ibarra, Capitan de Fragata Lt. and Chief Manager.

**CHINA, PEOPLES REP. OF: China Radio International** (Stephens-AL). 9690 f/d cd. in 51 ds. (Fowler)...Spain? 9710 and 11715 f/d cd. w/ 2 stickers and pins in 141 ds. (Levison-PA).

**CLANDESTINE: La Voz del CID** 6306 f/d prepared cd. in 9 ds. after a f/up rpt. in EG for SASE. (Dybka-TN).

**VOA**  
 VOICE OF AMERICA

760 kHz 4920 kHz  
**LA VOZ DE LA CAPITAL**  
 via Pagano  
**RADIO QUITO**

**COLOMBIA: Radio Nacional de Colombia** 4955 f/d cd. in 92 ds. for a SP rpt. and \$1.00. v/s Jimmy Garcia Camargo, Jefe Division. (Martin-COSTA RICA: Radio CA).  
**Reloj** 4832 f/d cd. in

41 ds. for \$1.00. (Brown-IL). **Adventist World Radio** 9725 f/d cd. for 1 IRC. (Brown). **United Nations Radio** 15050 via **Radio For Peace International** f/d mint green "Logo" cd. in 1 mo. (Loudell-DE). **RPPI** 7385 f/d "Transmitter" cd. in 21 ds. (Fowler).

**CROATIA: Hrvatska Radio - Televizija** 7370 computer generated ltr. w/ all incorrect data in 33 ds. (Durdan-GA).

**CUBA: Radio Habana** 15165 f/d cd. and n/d ltr. w/ personal note for several rpts. over 3 yrs: v/s Lourdes Lopez. (Dybka-TN).

**CZECH REP: Radio Prague** 9405 f/d "Prague Castle" cd. w/ schedule in 25 ds. (Fowler). 5930 f/d cd. w/ schedule and sticker in 12 ds. (Horan). 7345 cd. in 28 ds. (Washburn-ME). same in 3 wks. for an E-mail rpt. (Berg-MA)...The last two were for a special test using a new audio modulator in June...Sam.

**DOMINICAN REP: Onda Musical** 4780 p/d **CARTE POSTALE** ltr. w/ personal note in 27 ds.

for a SP rpt. and \$1.00

Nous avons le plaisir de confirmer votre rapport d'écoute de 13-11-1994 de 5.15 heures G.M.T. à 6.35

Notre station émet aux heures G.M.T. Du Lundi au Vendredi de 6 h00 à 15 h 00 de 18 h00 à 22 h 00 G.M.T. Samedi de 6 h à 23 h 00 G.M.T. Dimanche de 6 h à 22 h00 G.M.T.

**ECUADOR: HCJB** 9745 f/d "Pancakes" cd. w/ f/d "Shrimp Ceviche" cd. in 32 ds. w/ sked. (Washburn-ME). cd. in 7 wks. for ms. (Loudell-DE). 6205 f/d "Thick Soup" cd. in 61 ds. for ms. (Brown-IL). 3220 f/d "Bus Stop" cd. w/

FREQUENCES	UTILISATIONS
5020kHz	5:00 - 7:22
5020kHz	17:22 - 22:00
9405kHz	11:00 - 12:00



M. Adie N Durden  
 207 Nona Drive  
 Albany Georgia



Verification

Dear Sir, we are pleased to verify your reception report from: 6.11.57. via Schwartz Transmitter: Kurzwellsensender Norden-Osterloog Frequency: 6075 kHz - 49.36 m Radiated power (ERP): 20 kW Antenna: Rundstrahlantenne Geographical place: 07° 12' 06" Ost Remarks: 53° 38' 13" Nord

We hope, that our programme will continue to meet with your approval in the future and remain with friendly greetings,

Programme des NDR gesondert per Drucksache. Yours faithfully NORDEUTSCHER RUNDFUNK Hamburg Technische Hörerberatung

NOTES: Art Blair submitted a report to this Column with his first QSL in years. He thought it would never arrive. Was it worth it?...Sam. Jim Clar has been spending most of the summer months DXing MW and utility stations. Quite pleased with the results...Sam. Dario Monferini and his comrades sent along a nice postcard of the sites in Greece. Thanks...Sam.

FRANCE: Radio France International 15405 f/d "Eiffel Tower" cd. w/ schedule in 79 ds. (Washburn). 9790 same cd. in 3 mo. (Fowler). 9715, 9790 and 11670 various cds. in 127 ds. (Humenyk-ONT).

FRENCH GUIANA: RFI 13625 f/d cd. w/ sticker and schedule in 104 ds. (Horan). Swiss Radio International 9905 f/d "St. Gall" cd. in 23 ds. (Washburn-ME).

Verification

Dear Sir, we are pleased to verify your reception report from: 2.3.61 via Schwartz

Transmitter: Kurzwellsensender Norden-Osterloog

Frequency: 6075 kHz - 49.36 m

Radiated power (ERP): 20 kW

Antenna: Stabstrahlröhre

Geogr. place: 07° 12' Ost, 53° 36' Nord

We hope, that our programme will continue to meet with your approval in the future and remain with friendly greetings.

Herrn Franz Schwartz i.F. Castle Hayne North Carolina/USA

Yours faithfully NORDEUTSCHER RUNDFUNK Hamburg Technische Hörerberatung

ges. Weber

mo. (Fowler). VOA Kavala 15205 f/d cd. in 53 ds. (Humenyk-ONT). HAWAII: KWHR 17510 2 f/d "Special Test" cds. w/ schedule in 69 ds. v/s Loren Holycross. (Stephens-AL). HOLLAND: Radio Nederlands 6020 via Flevo f/d "Satellite Dishes" cd. in 27 ds. w/ schedule for 2 IRCs. (Wilkins-MS).



Südwestfunk via Franz Schwartz

my tape back w/ pirate station history on it. Station uses RI mail-drop. There is a question if this is actually located in Europe. 750 \* watts. (Berg-MA). Radio Pirana International 13950 f/d cd. w/ info-sheets in 12 wks. for a taped rpt. Station says they are now in South America. (Berg-MA).

FINLAND: Radio Finland 15400 p/d cd. w/ postcard and schedule in 24 ds. w/ 3 stickers. for 1 IRC. (Stephens)

Köln, den 9. Nov. 1957

via Franz Schwartz

Wir danken Ihnen für Ihren Empfangsbericht und bestätigen Ihnen gern die Richtigkeit Ihrer Beobachtung. Sie hörten unseren

Sender Osterloog

auf 6.075 Mc/s.

Thank you for your reception report which has been checked with our schedules and found to be correct. We are very glad to verify herewith your report.

WESTDEUTSCHER RUNDFUNK Technische Leitung

i.A. [Signature]

GERMANY: VOA

Wertachtal

5995 f/d

"Annapolis" cd. in 53 ds. (Humenyk) 9770 f/d "Greenville" cd. in 10 ds. (Stephens). 3980 via Munich f/d "50th Anniversary" cd. in 15 ds. v/s John Vodenik. (Stephens-AL). 3985 via Bible f/d cd. w/ pennant, schedule and sticker in 71 ds. (Humenyk). Radio Bremen 6190 f/d "Antenna" cd. in 13 ds. for \$1.00. (Buer-FL).

GREECE: Voice of Greece 6260 f/d

"Macedonia" cd. w/ schedule in 1

ds. (Humenyk-ONT).

HONG KONG: BBC 7180 f/d "Floating

Seafood Restaurant" cd. in 60

ds. for \$1.00. (Owsley-CA).

HUNGARY: Radio Budapest 9835 f/d

cd. w/ schedule and sticker in

43 ds. (Horan). same in 1 mo.

(Fowler). 11910 f/d cd. in 32

ds. w/ schedule for \$1.00. (Da-

cus-AR).

ICELAND: INBS 13860 f/d cd. in 25

ds. for \$1.00. (Owsley-CA).

INDIA: All India Radio 5010 via

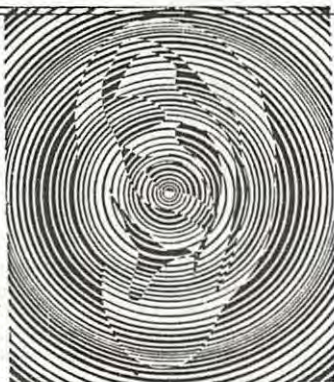
\* Thiruvananthapuram f/d "16th

Century Dwarakadhisha Temple"

cd. in 159 ds. for a taped rpt.

and \$1.00. (Durden-GA).

**ISRAEL:** Kol Israel 9435 f/d cd. in 40 ds. (Fowler). 11603 f/d cd. in 46 ds. (Brown).  
**JAPAN:** Radio Japan 5960 (via RCI) cd. w/ sked. in 34 ds. (Levison-PA)...Canada.  
**KIRIBATI:** Radio Kiribati 9825 f/d ltr. for rpts. covering 2 days. This in 124 ds. after a f/up rpt. for \$1.00. (Hardester). 2 f/d form ltrs. in 276 and 105 ds. for taped rpts and \$1.00. (Durden-GA). same in 6 mo. for \$1.00. (Owsley-CA).  
**KOREA, REPUBLIC OF:** 2AP Samoa Broadcasting Service 11945 via Radio Korea f/d "Sunset" cd. in 52 ds. for 3 IRCs. v/s W.J. Tibben. (Stephens-AL).

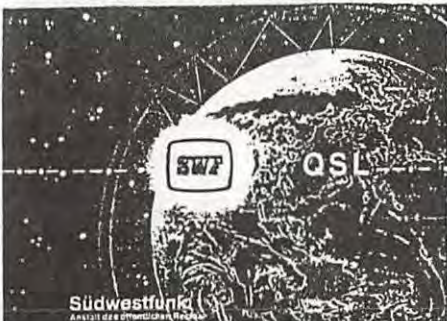


**QSL** Südwestfunk   
Am liebsten über Briefmarken

**NOTES:** Laurie Fowler says she was very thrilled and excited to see her name in print in the bulletin. (I make stars out of everyone. Hi!) She will be starting her senior year in college this fall. Get that degree ...Sam. Allan Loudell is experiencing the usual summer slump with all of the outdoor activities. His last good QSL was from Zimbabwe. Still hoping for Qatar and Croatia. Keep trying. They should be easy..Sam.

**KUWAIT:** Radio Kuwait 15495 f/d folder cd. w/ 2 stickers and calendar w/ schedule and pen in 61 ds. (MacHarg). 11990 same w/ stickers and pen in 2 mo. (Washburn-ME).

**MEXICO:** Radio Educacion 6185 f/d cd. w/ info. sheets in 58 ds. for a SP rpt. and \$1.00. v/s Luiz Orozco, Director General. (Owsley-CA).



The QSLs on this page have come from the collection of Franz Schwartz.

**MALAGASY REP:** Radio Nederland 9860 f/d "Solar Eclipse" cd. w/ sked. in 26 ds. (Stephens-AL).

**MOLDAVIA:** Radio Dniester International 9620 f/d cd. in 98 ds.

**MONACO:** Trans World Radio (Brown). 7385 f/d "Map" cd. w/ sked. in 10 ds. v/s Jeanne Olson. (Stephens-AL).

**MONGOLIA:** Radio Ulan (Hens). Bator 12015 f/d blue, gold and white, raised-ltr. cd. w/ stickers and pennant in 109 ds. v/s M. Bayasa, Mail Editor. Very colorful stamps on the cachet envelope. (Stephens-AL).

**MYANMAR:** Radio Myanmar 5990 f/d cd. w/ sked on back in 8 mo. after a Director. (Martin-CA).

f/up rpt. for 1 IRC. v/s Ko Ko Htway, Director. (Martin-CA).  
**NEW ZEALAND:** Radio New Zealand International 15115 f/d "Kiwi and Flag" cd. in 13 ds. for 3 IRCs. (Brown-IL). same w/ schedule in 13 ds. for 3 IRCs. (Horan-IL).

**NEW ZEALAND (Pirate):** Kivi Radio 7445 f/d cd. w/ sticker and info. sheet in 20 ds. for 1 IRC. v/d Graham J. Barclay. (Stephens). Radio Titanic International 7445 via Kivi Radio f/d "20th Anniversary" cd. w/ stickers. v/s Tim Cooper. (Lobdell-MA).

**NIGER:** La Voix du Sahel 5020 f/d "Map" cd. in 222 ds. for a FR rpt. and \$1.00. (Durden-GA).

**NORWAY:** Radio Norway International 9560 f/d cd. w/ schedule and sticker in 5 wks. (Fowler). f/d "Drinking Vessels" cd. w/ schedule and stickers in 47 ds. (Horan-IL). (Brown-IL).

**PALAU:** KHBN 9965 f/d "World Map" cd. in 17 ds.

**PAPUA NEW GUINEA:** Radio Simbu 3355 f/d ltr. in 37 ds. for \$1.00. v/s Felix Tsiki. (Owsley). same in 2 mo. v/s Tony Mill Waine. (Berg-MA).





AUSTRIAN ARMY TRAINING CENTER

via Trummel

# SCHULUNGSENDER

des

## Österreichischen Bundesheeres

**Radio Onda del Huallaga** 3330 p/d form ltr. w/ very colorful pennant in 127 ds. for a SP rpt. v/s Flaviano Llanos M., Representante Legal. (MacHarg). **Radio Melodia** 5995 p/d computer generated form ltr. in 5 mo. after 3 f/up rpts. in 3 yrs. Also rcvd. pennant and stickers. v/s Elba Alvarez De Delgado, Fefa de Administracion Personal y Financiera. (Lobdell-MA). **Radio Satellite** 6726 p/d cd. w/ p/d ltr. in 67 ds.

**RADIO AFRICA 2.000.-** Malabo (Guinea Ecuatorial)

### Características Técnicas

Frecuencia	Potencia	Antena
AM 6.810 KHz	10 Kw	Log. peribólica 80° AZ
FM 90.8 MHz	10 Kw	Contra de dirección

SR. D. Richar A. D'angelo

Africa 2.000 verifica y confirma que su control de recepción de 2050 a 213 horas UTC del día 12 de Diciembre de 1992 corresponde a nuestra programación de ese día.

Gracias por su interés y cooperación. Esperamos de nuevo sus informes de recepción.

Aiantamiento.

Africa 2.000, inaugurada el 11 de Octubre de 1989, es una Emisora, de carácter cultural, que nace en virtud de unos acuerdos entre el Ministerio de Cultura de Guinea Ecuatorial y la Cooperación Española, correspondiendo a ésta durante diez años la dirección, gestión, financiación y asistencia técnica.

Objetivo: elevar el nivel cultural y educativo de la población, fomentando las culturas autóctonas y contribuir a la expansión del idioma oficial: el español, reforzando la idea de la comunidad hispánica.

Plantilla: 25 profesionales autóctonos, asistidos por expertos de la Cooperación Española.

**PERU: Radio Imagen** 4969

f/d prepared cd. in 77 ds. for a SP rpt. v/s Adith Chumbe Vasquez. Also rcvd. personal ltr. from v/s. Photos rcvd. (Martin-CA). 4969.4 personal ltr. in 55 ds. for a SP rpt. & \$1.00. (Durden-GA).

**PHILIPPINES: FEBC Radio International** 11995 f/d "Newsroom" cd. in 168 ds. for \$1.00. v/s Roger J. Foyle, Overseas English Acting DX Secretary. (Blair-CA).

**PORTUGAL: Radio Portugal International** 9570 f/d cd. w/ sticker in 6 wks. (Fowler). Brown in 44 ds. (Horan-IL). **Radio Canada International** 9650 and 11905 via Sines f/d cd. in 50 ds. (Humenyk).

**Deutsche Welle** 9545 via Sines p/d cd. in 211 ds. (Stephens-AL). **VOA** 9760 via Gloria f/d "Greenville" cd. in 6 ds.

**NOTES: Don Dacus** says that he had a very enjoyable vacation in St. Louis this summer.

Its an interesting place to visit. I was there once but it was back in 1969...Sam.

**Steve Martin** says that he is starting to get back into the swing of things especially since the farming season is beginning to peak. He is overjoyed with the QSLs from Port Blair and Myanmar. They are both beauties...Sam.

w/ sticker. v/s John Vodenik. (Stephens).

**QATAR: Qatar Broadcasting Service** 9585 n/d ltr. w/ schedule in 172 ds. for a taped rpt. and \$1.00. (Washburn).

**ROMANIA: Radio Romania International** 5990 f/d "Polana Brasov" cd. in 2 mo. w/ personal ltr. and schedule. (Name). 9510 f/d "Folk Costume of Mehedinti" cd. in 69 ds.

**RUSSIA: Voice of Russia** 11675 and 11750 cds. in 60 ds. w/ stamps and schedules. (Levison-PA). 11730 same in 49 ds. (Dacus-AR). 9550 f/d "Arbat Square" cd. in 102 ds. (Brown-IL). **Radio Moscow** 9720 f/d "Peoples Friendship House" cd. w/ stamps in 3 wks. for 3 IRCs. (Fowler).

**SINGAPORE: BBC Far Eastern Relay Station** 9740 f/d "Antenna and Transmitter" cd. in 153 ds. for \$1.00. (Washburn-ME).

**SLOVAK REP: Radio Slovakia International** 5930 f/d cd. in 2 mo. for 1 IRC on my 6th try. (Dybka-TN). same in 2½ wks. (Loudell-DE). f/d cd. w/ sticker in 1 mo.

**SOLOMON ISLANDS: SIBC** 9545 f/d (Fowler).

"Logo" cd. w/ schedule and personal ltr. in 9 mo. for \$1.00. Station says they are having problems w/ their mail system. (Dybka-TN).

**Democratic Voice of Burma**

**SOUTH AFRICA: Radio Oranje** 7270 f/d





# LRA1

RADIO NACIONAL BUENOS AIRES

Mrs.  
JILL DYBKA  
U. S. A.

CONFIRMAMOS SU CORRECTO INFORME DE RECEPCION DE:  
FRECUENCIA: 15345 khz.-  
FECHA : 2 Abril 1995.-  
HORA UTC : 0006-0102 hs.-

CON CORDIALES 73's,

MARCELA G. R. CAMPOS  
COORDINADORA  
Luz Ballesteros Argentina al Editor

Gabriel Iván Barrera  
p.LRA

idea came from recent correspondence with Jill Dybka. Get these illustrations into me no later than November 10th...Sam.

**USA (Pirates): Radio is Not Radio** 6955 f/d "Logo/Pirate Ship" sheet in 56 ds.(Stephens-AL). **Bullfrog Radio** 6955 f/d "Logo/Cartoon" sheet in 49 ds.(Stephens). **Radio Mirage** 7415 f/d "Logo" cd. via **NAPRS** w/ personal ltr. w/ 10 stickers in 63 ds. for \$1.00.v/s Ian Page.(Stephens-AL). **Alliance For Free Radio** 7415 yellow "Cartoon/Logo" cd. in 3½ yrs.(Step-

**December Request:** Your Editor is considering to use XMAS or Seasons Greeting cards for the December QSL Column and possibly the January issue. Please submit good quality black and white cards that were sent by stations in the past. Most eastern European stations and others notably Radio Cairo and a few Latins have done these type of mailing in the past...Sam. This

hens-AL). **KULP The Voice of Kulpville** 10020 p/d mylar cd. in 10 mo. (Stephens). **The Great Southland** 7414 f/d computer generated ltr. in 15 mo.(Stephens). **WYDX** 10020 f/d "Y Do U DX" sheet in 10 mo. (Stephens-AL). **Radio USA (Fake)** 7465 n/d sheet in 10 mo. for a rpt. in ACE.(Stephens). **The Free Hope Experience** 6958 f/d cd. in 5 wks.(Lobdell-MA) **Northern Music Radio** 6955 f/d sheet in 4 wks. Station uses the RI drop and also Ostra Portenz, S-44254 Ytterby, Sweden. (Lobdell). **KICK** 6955 f/d "Santa Claus" cd. in 7 mo. Station uses the Huntsville drop. (Lobdell). **North American Pirate Relay Service** 6955 f/d ltr. w/ info. sheet in 22 ds. for ms. This was for a **Jolly Roger Radio** relay. (Clar-NY). **Jolly Roger Radio International** 6955 via **NAPRS** f/d cd. w/ ltr. and music catalog in 7 wks.



for \$1.00. v/s Joe Vincent. Addr: JRR1, Box 39, Waterford City, Ireland. **Hip Hop Radio** 7415 f/d "Homeboy" sheet #2 in 4 mo.

for a log in ACE. v/s Homey the Clown.(Stephens). **Voice of the Real World** 7465 p/d "Coat of Arms" cd. in 17 mo. for a log in ACE.(Stephens). **Black Rider Radio** 7470 f/d cd. w/ thank you note and a playlist in 73 ds.(Stephens-AL).

**VANUATU: Radio Vanuatu** 3945 f/d "Map/Slit Gong" cd. in 67 ds. after 4 f/up rpts. on an 87 reception. v/s Ambong Thompson, Head of Programs.(Stephens-AL).

**VATICAN: Radio Vatican** 9605 f/d "Santa Maria di Galeria" cd. and "Archangel Gabriel" cd. in 1 mo. for \$1.00.(Loudell-DE).

**WEST IRIAN: RRI Serui** 4606.4 f/d prepared cd. in 98 ds. for an IN rpt. and ms. v/s J. Lolouan, BA Kepala Studio. (Martin-CA).

**ZIMBABWE: ZBC Radio Two** 3306 f/d white cd. w/ "Logo and Map" in 13 ds. (Humenyk-ONT).

Well we actually had an 8 page QSL Column. Great going! Hope everyone enjoyed this one...

*Sam*



# Contributors' Page

**Fred S. Kohlbrenner**  
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Philadelphia, PA 19142  
Internet fkoohl@ix.netcom.com

## LOGGINGS CONTRIBUTORS-NEXT DEADLINE IS OCTOBER 10th

The following members contributed loggings:

Brian ALEXANDER, Mechanicsburg, PA	NRD-535D 100' LW
Jerry BERG, Lexington, MA	R8 R390A HQ180A 150' LW
Bill FLYNN, Cave Junction, OR	R8 83' dipole
Bob FRASER, Cohasset, MA	Sony ICF-SW100 Active antenna ICF-2003
Nick GRACE, Washington DC	IC-765 TS440S 75m dipole
Richard HANKISON, Prarie Village, KS	R5000 Eavesdropper
Mark HYMENYK, Weston, Ontario	Magnavox D-2935 Sony AN-60
Brandon JORDAN, Memphis, TN	R8 ANC-4 70'/210' longwires
Marv KAMINSKY, Flanders, NJ	NRD-535D random wire
Marie LAMB, Brewerton, NY	HF-150 DX-392 MJF-16010 60m longwire Loop
Ken MacHARG, Quito, Ecuador	Sony 2010
William McGUIRE, Cheverly, MD	DX-380
Bob MONTGOMERY, Levittown, PA	R390A NRD-525 FL2 ARA60
Ed NEWBURY, Kimball, NE	R8 R5000 70' windom
Denis PASQUALE, New Brighton, PA	DX-440 10m longwire
Sheryl PASZKIEWICZ, Manitowic, WI	NRD-525 NRD-515 60' longwire Eavesdropper
Ed RAUSCH, Ceder Grove, NJ	R5000 2010 MJF-959 300' dipole Eavesdropper
Christos RIGAS, Wooddale, Ill	Sony ICF-2002
Chuck RIPPEL, Cornland, VA	NRD-515 R390A
Betsy ROBINSOIN, Clinton, TN	Sony 2010 Indoor antenna
John ROGERS, Belmont, MA	R8
Mike RYAN, Bangkok, Thailand	R8
Giovanni SERRA, Rome, Italy	NRD-525 AD Sloper

Hi all. Thanks to everyone who took the time to send in their logs this month, and a special welcome to those contributing for the first time. Your efforts are much appreciated. All contributions sent directly to me arrived by the deadline and were sent on to the editors.

For those using e-mail to send in logs I now have two addresses you can use. Via the internet at: fkoohl@ix.netcom.com. I can also be reached via Compuserve at: 102455,1540. Please remember to leave at least two blank lines between items so they can be cut into strips.

Hey, any pennant collectors out there? Interested in swapping pennants? I've been collecting them for almost twenty years now and would love to hear from you. I have more than forty different duplicate pennants from Europe, Asia, Africa, Latin America and the VOA that I'd like to trade. I'll also buy your unwanted pennants and collections. Make a pennant fanatic happy and write to me today!

Thats all for this month. Best wishes and good DX!





**Wallace C. Treibel**  
357 N.E. 149th Street  
Seattle, WA 98155

# International Band Loggings

- 5965 CANADA BBC relay in EG 1150, "Meridian" rpt on North Sea oil, exc (Fraser MA 8/12)
- 5990 ROMANIA RRI in EG 0250, "Listeners Reports" club information (B Jordan TN 9/3)
- 59952 PERU R Melodia in SP 0645, pop mx, frequent ID's, ads (Grace DC 8/25)
- 6000 CUBA RHC in EG 0402, nx, anti-US sentiment, //9505 w/ co-channel QRM (Hankison KS 8/17)
- 6000 BRAZIL R Guaiaba in PT, futbol game, ancmts, ID's (B Jordan TN 9/3)
- 6005 GERMANY Deutschland Radio in GM 0230, lite elevator mx, QRM Budapest (Rippel VA 8/21)
- 60107 PERU R America in SP \*1014, SP & US pop mx, ID's (Alexander PA 9/4, Grace DC 8/28)
- 60183 PERU R Victoria in SP 0600, relig tlk, SP ballads, relig mx, ID's, poor audio (Alexander PA 8/27)
- 60251 DOMINICAN REPUBLIC R Amanecer in SP 0000, relig mx, full ID's 0003 (B Jordan TN 9/4)
- 6035v COLOMBIA LV del Guaviare in SP 2355, tlk, pips, nx, QRM from VOA\* 0028 (B Jordan 8/24)
- 6050v NIGERIA R Nigeria in EG 0555, Afr folk mx, nx in EG 0600, weak sig (Alexander PA 9/3)
- 6050nf ECUADOR HCJB Quito in EG \*0707, abrupt s/on w/"Friends of Israel" pgm already in progress, nx, sked 0700-0830 in EG this fgy, "DX Party Line", ID's (Alexander PA 9/3, Lamb NY 9/9)
- 6085 MALTA Deut Welle relay in EG 0130, arts & culture pgm, site ID 0150\* (Rausch NJ 9/6)
- 6090 BRAZIL R Bandeirantes in PT 0930, time tone, full ID, jingle, g (Hankison KS 8/15)
- 6100 NEW ZEALAND RNZI in EG 0950-1206\*, nx, US tourist strip searched & hand gun removed, then deported, "Celebration of Sacred Music", ID (Montgomery PA 8/25, Fraser MA 8/14, Hankison KS)
- 6105 COSTA RICA R Universidad in SP 0145, lite mx, ID (Alexander PA 8/25, Paszkiewicz WI 8/15)
- 6130 CANADA CHNX Halifax in EG 0958, local nx, oldies mx, weak sig (Montgomery PA 8/2)
- 6150 COSTA RICA TIAWR in EG 2345, relig story, //9725, 7375 (Alexander 8/19, Paszkiewicz 8/17)
- 6165 SWITZERLAND SRI in IT 0445, IS, ID, "Magazine Svizzera" re UN (Serra ITALY 8/14)
- 6185 YUGOSLAVIA RY in EG 2128\*, folk mx, travel feature, ID, fgy, //6100, g (Lamb NY 8/27)
- 6185 PORTUGAL Deut Welle relay in EG 0300, fgy, sked, economic nx, g (McGuire MD8/25)
- 61999nf PERU LV de Huamanga in SP 0010, tlk, ID, ment Peru, flutes, choir (Paszkiewicz WI 8/17)
- 6200 COSTA RICA RFPI in EG 2355, into SP 0000, weak sig, //73847, 9400 (Alexander PA 8/24-25)
- 64716v PERU R Luz y Sonido in SP 0122, Pasillos & OM w/TC's, ID's, weak sig (Grace DC 9/2)
- 64988 PERU Estacion C Moyobamba in SP 1805, nx, mx, phone interview (MacHarg ECUADOR 8/12)
- 65358v PERU R dif Huancabamba in SP 2315, tlks, OA mx, ID's, slogans, Peruvian & Ecuadorian mx, NA (Alexander PA 8/27, Lamb NY 9/5, B Jordan TN 9/3, Grace DC 8/26, MacHarg ECUADOR 8/12)
- 6549 LEBANON V of Lebanon (p) in AR 0335, tlks by M & W, flutes, no clear ID (Lamb NY 9/5)
- 6565nf IRAQ Rep of Iraq R in AR 0200, move from 6560?, Koran, tlk, theme mx, g (Alexander PA 8/20)
- 66277v PERU LV de Dan Antonio in SP 2355-0427\*, Peruvian & LA pop mx, ID's, tlks, ancmts (some shouted), relig campaign (Paszkiewicz WI, Alexander PA, Lamb NY, MacHarg ECUADOR)
- 67265v PERU R Satellite in SP 2350-0225, pelota scores, "Hermano Pablo" pgm, pgm for Campesinos, QTH, ID, vcsl (Flynn OR 8/10, MacHarg ECUADOR 8/8, B Jordan TN 9/5)
- 67512v PERU R San Ignacio in SP 2330, huaynos, ancmts, ID, mx (Paszkiewicz WI, MacHarg ECUADOR)
- 68029v PERU R Ondas del Rio Mayo in SP 0203\*, US/SP pops, ID, NA (Alexander 9/4, MacHarg 8/8)
- 6870 SOMALIA R Mogadishu(p) in lang 0305, AR mx, long pontification tlk, no ID (Rippel VA 8/21)
- 6900 TURKEY State Meteorological Service in TK 0754, TK pop mx, ID 0800 (Rigas GREECE 7/17)
- 7020 ERITREA VO Broad Masses in lang \*0325, guitar IS, tlk, lel folk mx, f (Alexander PA 8/26)
- 70504 PERU LV de Santa Cruz in SP 2320, ID at tune in, mx, g (MacHarg ECUADOR 8/8)
- 7070nf IRAN VOIRI Teheran in EG/SP \*0121, abruptly on at 0121 w/EG nx, ID, s/off ancmts, and IS at 0127, into SP xmsn 0130, //7260, 9022, 6175. Assume 7070 is scheduled for \*0130 SP service but over eager technician s/on early (Alexander PA, Lamb NY) Tnx to D Valko and Diane Mauer!
- 7108 BOSNIA HERCEGOVINA RBH in lang 2308-0205, tlk by YL, lel folk mx, pips & ID 0200, best before 0030, sig mostly weak w/QRM (Alexander PA 8/20, Berg MA 8/30)
- 7110 MONACO TWR in EG 0706, relig sermon & mx, QTH's, ID, fgy, piano mx (Serra ITALY 8/13)
- 71101 ETHIOPIA R Ethiopia in lang \*0330, lel mx, IS, ID, fgy, chimes (Alexander 8/20, B Jordan 9/5)
- 7115 THAILAND R Thailand via VOA xmters in EG 1415, EG-Thai lesson (Flynn OR 7/31)
- 71257v GUINEA RTV Guineenne in FR/Vern 2200-2400\*, Afr pops, NA, weak sig (Alexander PA 8/25)
- 7160 ASCENSION IS BBC relay in EG 0555, BBC world nx, TC, rooster crow (Newbury NE 8/23)
- 7170 ALBANIA R Tirana in IT 1800, IS, ID, nx, pop mx, tlk re lang seminar (Serra ITALY 8/13)
- 7215 UNITED ARAB EMIRATES Abu Dhabi in AR \*0200, IS, ID, sked, Koran (Rausch NJ 8/22)
- 7230 UNITED KINGDOM R Japan relay in EG 0530, steam engines in Japan (Montgomery PA 8/3)
- 7230 ITALY AWR Europe in IT 1012, mx, ancmt, IT relig song, feature re kids games (Serra ITALY)
- 7250 RUSSIA V of Vietnam relay in EG 0225, world nx, ID, rpt on delevs in Vietnam, tlk re President Clinton (Paszkiewicz WI 8/15, McGuire MD 8/13, Montgomery PA)
- 7250 HUNGARY R Budapest in EG 2112, "DX Quiz", QTH, ID, feature, //9835, 5935 (Lamb NY 8/27)
- 7255 NIGERIA V of Nigeria in EG 2013, "In the News" interviews, ID, drums, to FR 2100 (Lamb 8/27)
- 7260 IRAN VOIRI Teheran in EG 0030, IS, ID, Koran, freq guide, NA, g (McGuire MD 8/6)

- 7300 SLOVAKIA RSI in EG 0105, rpt on Slovak minister's visit to U.S., polit nx, g (McGuire MD 8/13)
- 7345 RUSSIA R Rossii via Yakutsk relay in RS 1245, folk songs, ID, pips, nx (Ryan THAILAND 8/20)
- 7360 LITHUANIA R Vilnius in EG 2300, rpt on the 32 Lith peacekeepers in Bosnia (Pasquale PA 8/7)
- 7360 BELARUS R Belarus via Armavir relay in BR 2343, interview, positive ID, g (Pasquale PA 8/6)
- 7375 BOTSWANA VOA relay in EG 1902, AF nx re Mandela divorce, ID, "Newswire" (Lamb NY 8/27)
- 7385 CHINA Xinjiang PBS Urumqi in CH 1415, tlks, Occid mx, TS, nx, weak but clear (Flynn OR 8/8)
- 7385 COSTA RICA RFPI in EG 0200, interview on human rights, ID (McGuire MD, MacHarg ECU)
- 7400 RUSSIA R Mayak Volgograd in RS 1800, IS, TP, ID, tlks, folk mx (Ryan THAILAND 8/9)
- 7405 CHINA CRI Jinhua in EG 1305, Hiroshima mayor apologizes for WWII suffering (Newbury NE)
- 7410nft INDIA AIR Aligarh in EG 2230\*, sc mx, ID, ancmts (Rausch NJ 9/9) ED: Move from 7412?
- 7430 GREECE RSM Thessaloniki in GK 1956, lcl pop mx, nx re Bosnian war (Serra ITALY 8/12)
- 7480 NORWAY RSI in EG 0100, rpt on death of NO hostage, Grieg mx, mail (Flynn OR, McGuire MD)
- 7530 MONGOLIA R Ulan Bator in RS \*1700-1730\*, IS, ID, QTH, monolog (Ryan THAILAND 8/16)
- 75594v PERU R Altura Huarmaca in SP 0050-0259\*, OA mx, ID (Alexander PA, Jordan TN, MacHarg EC)
- 9022 IRAN VOIRI Teheran in EG 0044, nx on war in Bosnia, p (Pasquale PA 8/6) in lang 1931, NA, AR vocal chants, //7260 (Serra ITALY 8/13)
- 9390nft COSTA RICA RFPI in EG 0305, pgm re womens' conf in China, ex 9400 (Alexander PA 9/2)
- 9395 GREECE RSM Thessaloniki in GK 0815, GK bouzouki mx, ID 0830, //11595 (Rigas GREECE)
- 9504v PERU R Tacna in SP 1820, mx, nx, ID 1823, g (MacHarg ECUADOR 8/12)
- 9525 INDONESIA RRI Indonesia in IN 1230, tlk, lcl mx, SCI 1258, wk sig, //9680 (Alexander PA 8/25)
- 95381nft COSTA RICA TIFC San Jose in SP 1826, instrm mx, feature, ID, //96446 (MacHarg ECU 8/12)
- 9550 ROMANIA RRI in EG 2119, Romanian Elvis imitator, travel pgm //9690, 11940 (Lamb NY 8/27)
- 95602 ETHIOPIA V of Peace/R Amahora in EG/FR \*0428-0530\*, s/on w/brief xylophone IS, into EG opening ancmts, ID's, Sat & Sun only xmsn, into FR/Vern tlks, AF pops, f (Alexander PA 8/27)
- 9570 PORTUGAL RDPI Lisbon in EG 0150, rpt on handball tournament involving PT team (McGuire 8/23)
- 9590 NORWAY R Denmark relay in DN 2150-2154\*, tlk, ID at s/off (Kaminsky NJ 7/26)
- 9595 JAPAN R Tampa Tokyo in JP 130, YL anncr w/ads or jingles, ID 1342, f (Hankison KS 9/4)
- 9605 UNITED KINGDOM Irish Overseas Bdstest Ltd via BBC in EG \*1400, spec relay for All Irish Hurling Championship, Irish flute mx, IS, match coverage began 1425 w/NA (Rausch NJ 9/3)
- 96447 COSTA RICA TIFC Faro del Caribe in SP 1409, relig pgm, mx, ID (B Jordan TN, Lamb NY 9/3)
- 9645 ITALY R Roma/RAI in IT/EG 0040, ID, IT pop mx, IT nx, sports cmtry (Rausch NJ 8/26)
- 9650 INDIA AIR Bangalore in EG 1930, cmntry, ID, SC mx (Rausch NJ 8/26)
- 96597 VENEZUELA R Rumbos in SP 1844, ad for pharmacy etc., Rumbos ID, g but het (MacHarg 8/12)
- 96748 PERU R del Pacifico Lima in SP 1846, ad, indigenous mx, ID 1850 (MacHarg ECUADOR 8/12)
- 9690 ROMANIA RRI Bucharest in FR 2000, ID, nx, panflute mx by Zamfir, f (Robinson TN 9/1)
- 9690 SPAIN China R Int relay in EG 0300, IS, ID, rpt on political prisoners, g (McGuire MD 8/4)
- 97249 COSTA RICA AWR in EG 0010, "It Is Written" pgm, QTH1, vocal (B Jordan TN 8/22)
- 9740 SINGAPORE BBC relay in EG 1345, ID, "News Hour" w/ emphasis on Croatia (Hankison KS 9/4)
- 97798 YEMEN Rep of Yemen R Sana in EG \*1759, s/on with NA, nx, US pop mx, into AR 1859, wk sig w/QRM from Portugal (Alexander PA 9/3) in AR 0308 w/Koran, f (Paszkiewicz WI 8/21)
- 9835 HUNGARY R Budapest in EG 0100, ID, features, ID, g (Robinson TN 9/1, McGuire MD 8/13)
- 9885 SWITZERLAND SRI in IT/GM 0721, pgm re UN, ID, IS, into GM 0730 (Serra ITALY 8/13)
- 9905 FRENCH GUIANA Swiss R Int relay in IT 0520, sports nx, ID, QTH1, skeds, IS (Serra 8/15) in EG 0425, ID, Greenpeace activists deported from China (Newbury NE 8/16)
- 9925 BELGIUM R Vlaanderen Int in EG 2343, DX pgm, rptd new fgy for R Vilnius (Pasquale PA 8/6)
- 9935 GREECE V of Greece in EG/GK 2349\*, nx in EG, ID, GK tlk, mx, g (Alexander PA 8/24)
- 9965 PALAU KHBV V of Hope in EG 1300, ID, Hong Kong QTH1, into Mandarin? (Rogers MA 9/4)
- 9965 CHINA CRI in IT 1843, feature, ID, QTH for IT pgms, IS, //7405, 7470 (Serra ITALY 8/14)
- 11335 NO KOREA R Pyongyang in SP 1240, ID's, NA 1248, //99771, both fgy's p (Rogers MA 9/4)
- 11465usb AUSTRALIA Aust Def Forces R in EG 1055, soft pop mx, ID, nx, editorial (Rausch NJ 9/4)
- 115701 PAKISTAN R Pakistan in FR 2030\*, tlk, FR pop mx, NA, exc, //9400 (Alexander PA 9/3)
- 11580 MOLDOVA R Moldova Int in EG 1400-1424\*, into FR 1900, back to EG 1930-1955\* w/ID's, cmntry, lcl folk mx, lite instrm mx, f level but poor modulation (Alexander PA 9/4)
- 11585 INDIA AIR in HD(p) 1730\*, indigenous mx, many tlks, poss ID, f-g (Lamb NY 9/9)
- 11650 SWEDEN RS in EG 1255, SW Davis Cup nx & other sports data, s/off ancmts (Hankison KS 9/4)
- 11685 ISRAEL KOL Israel in SP 1900, ID, nx re Golan Heights & Muslim world, g (Robinson TN 9/1) in EG 1915, rpt on Palestinian killed in clash w/Israeli settlers, g (Fraser MA 8/13)
- 11705 CANADA R Japan relay in EG 1405, Japan's apology for WW II colonialism (Newbury NE 8/15)
- 11715 CANADA R Korea relay in EG 1030, tlk re anniversary of JP WWII occupation of KR (Fraser MA)
- 11720 BULGARIA R Bulgaria in EG 0400, nx, mailbag (Flynn OR 8/7) in EG 1920, folk mx., DX tips, ID, //9700 (Serra ITALY 8/13, Robinson TN 9/1) in EG 2310, nx, ID, mx, sked (Hankison KS 8/8)
- 11750 MOLDOVA R Dneister Int in EG \*2030, IS, ancmts, ID, nx, lcl folk mx, press review, tlk on the breakdown of public health system in Moldova (Alexander PA 9/3, Pasquale PA 8/9)
- 117852 QATAR QBOS in AR 0250, continuous Qu'ran chants, no breaks for ID (Ripel VA 8/26)
- 11800 ITALY RAI Roma in EG 2030, nx include ment of Bosnia & terrorism in Israel, into mx 2035, f (Fraser MA 8/15) in EG 0050, rpt on political scandal, g (McGuire MD 8/28)
- 11840 PORTUGAL RDPI in EG 0130, nx, cmntry, wx, ID, stamp pgm, f, //9570 (Alexander PA 8/26)
- 11850 THAILAND R Thailand in JP/Mandarin, JP to 1314, IS, ID in EG, Mand 1315 (Hankison KS 9/4)
- 11865 CANADA BBC relay in EG 1240, "Moving On", limits on elderly drivers, exc (Fraser MA 8/20)
- 11885 UNITED ARAB EMIRATES Abu Dhabi in EG 2200, pops, ID, nx (Hankison KS, Newbury NE)

- 11895 FRENCH GUIANA R Japan relay in EG 0300, bell ringing at Hiroshima memorial (Newbury NE)
- 11920 ARMENIA V of Armenia in EG 2058\*, nx, ID, lcl mx, feature (Alexander PA 9/4, Pasquale PA)
- 11940 LESOTHO BBC relay in EG 1330, "News Hour" feature, ID, vpr, QRM, //9515 (Hankison KS 9/4)
- 11940 ROMANIA RRI Bucharest in EG 0420, tlk on Albania, need USB on W Coast (Flynn OR)
- 11950 UKRAINE R Ukraine lat in EG 0000, nx, cmntry, g, //4825, 11780, 11610 (Alexander PA 8/24)
- 11970 UNITED ARAB EMIRATES Abu Dhabi in EG 2200, ID, readings on martyrdom (Pasquale PA)
- 11970 JORDAN R Jordan in EG 1456, 70's mx, TC, ID, nx re Syrian visit to Jordan, f-g (Lamb NY 9/9)
- 11990 KUWAIT R Kuwait in EG 1914, DJ & mx, ID, AR mx, story, NA (Serra ITALY, Newbury NE)
- 12070 RUSSIA R Mayak in RS 1300, nx, much abt Kashmir, ezl mx, ID, //9885, 11895 (Ryan THAIL'D)
- 12095 UNITED KINGDOM BBC London in EG 1730, feature & mx of the 40's, 50's (Fraser MA 8/14)
- 13620 KUWAIT R Kuwait in AR 1313, AR mx w/OM host, fgy ancmts (Humenyk ONTARIO 8/16)
- 13625 FRENCH GUIANA R France Int relay in EG 1200, interview & rpt on conditions in Somalia, ID sked, review of world nx including nx re bombing in Paris (Fraser MA 8/20, McGuire MD 8/18)
- 13745 UNITED KINGDOM BBC London in RS 1933, tlk re Microsoft great computer Co (Humenyk ONT)
- 137602 NO KOREA R Pyongyang in EG 0014, songs dedicated to G, mx, NA (B Jordan TN 9/3)
- 13860 ICELAND INBS Reykjavik(p) in IC 2010\*, nx?, instrml mx, //15770, g (Lamb NY 8/27)
- 150086 VIETNAM V of Vietnam in FR 1230, nx, ancmts, g (Rippel VA 8/18) in EG 1335, nx, ID, lcl mx, feature on Ho Chi Minh, hymns (Serra ITALY 8/13) in VT 1422, mx, weak sig (Montgomery PA)
- 15020 INDIA AIR Aligarh(p) in Sinhala 1420, long-winded monologue, no clear ID, f (Hankison KS 9/4)
- 15060 SAUDI ARABIA BSKSA Riyadh in AR 1430, time tone, ID, nx, g (Hankison KS 9/4)
- 15095 SYRIA R Damascus in EG 2030, ID, nx of Nat Data Ctr, song "Dear Heart", g (Robinson TN 8/20)
- 15135 UKRAINE RUI in UK 1809, pop mx, ments of Ukraine, interview, ID's, //13720 (Lamb NY 8/20)
- 15160 ALGERIA R Algiers Int in EG 1800-1900, 2000-2100, nx, ID's, sked, US pops, lite instrml mx, vy weak at 1800 but improving to fair level by 1900 & good at 2000 (Alexander PA 9/3)
- 15167v FRENCH POLYNESIA Papeete in FR 0200, lite vocals, nx, ID, LA-style mx, f (Berg MA 9/3)
- 15205 MOROCCO VOA relay in EG 1821, features, fgy, ID, nx in Spec EG, //15410 (Lamb NY 8/20)
- 15244nf? ZAIRE LV du Zaire in FR 1820, Afro pop mx, ID 1900, AF regional nx (Rausch NJ 8/26)
- 15290nf? INDIA AIR Panaji, Goa in HD 0213-0250, Vividh Bhaurati service, SC mx, tlks in lang, tabla drums, ads, choral mx, break @0227, back 0236, nx ment Nepal (Paszkievicz WI 8/21) Tnx to Universal DX League who show this best as via Panaji. Good catch at this higher freq now!
- 15315 NETHERLAND ANTILLES RN relay in EG 1935, "Happy Station" pgm, g (Fraser MA 8/13)
- 15330 RUSSIA R Rossii via Kursk? in RS 1300, ID, nx, ezl mx, //7200 (Ryan THAILAND 8/12)
- 15340 NORWAY RNI in EG 1315, feature on municipal govts, g (Fraser MA 8/20) ED: EG on Suns only
- 15395 UNITED ARAB EMIRATES Dubai in EG 1600, nx, wx, ID, lite mx, pgm re Palestine, into AR 1640, //13675, 21605, 17825, all f-g (Alexander PA 9/4)
- 15405 HAWAII KWHR Naalehu in CH(p) 2015, relig pgm, Christian mx, ID in EG/CH, f (Lamb 8/20)
- 15445 BRAZIL R Nac Brasilia in EG 1210, BR style mx & C&W mx, ID "R Bras" (Pasquale PA 8/12)
- 15475 RUSSIA Golos Rossii Armavir in RS 1130, DX pgm, lengthy list of RS stns (Ryan THAILAND)
- 15745nf? USA WYHA World Voice of Historic Adventism in EG 1949, relig pgm, IS, ID, audio from "Prophecy Countdown", phone & fax #'s, over to 13720 at 2058, f (Lamb NY 8/20)
- 17550 VATICAN STATE VR in IT 1157, IS, "Laudetur Jesus Christus", ID, //15210 (Serra ITALY 8/14)
- 17630 GABON Africa #1 in FR 1314, DJ w/ancmts & ID, Afro & FR pop mx (Serra ITALY 8/13)
- 17705 MOROCCO VOA relay in AL 1900\*, Billboard Top 10 pop songs, nx, ID, IS, f-g (Lamb NY 8/20)
- 17830 ASCENSION IS BBC relay in EG 1910, "Postmark Africa". QTH, Afr mx, f (Lamb NY 8/20) in EG 1705, "Focus on Africa" (current affairs), //15400, 11860 (Serra ITALY 8/14)
- 17860 RWANDA Deut Welle relay in GM 1934, pop mx, IS, pgm re Atlanta Olympics (Lamb NY 8/20)
- 21655 PORTUGAL RDPI Lisbon in PT 1029, PT songs, local wx/temp rpts, //21720 (Serra ITALY 8/14)

#### CLANDESTINE STATIONS

- 6306 GUATEMALA LV del Cid in SP 0450, Baptista tlk, ID, into "Mensaje" pgm (B Jordan TN 8/30)
- 92705 EGYPT V of Human Rights & Freedom for Iran in lang \*0230, s/on with IS, ID sequence, NA, tlk, lcl mx, weak but clear signal, //114697 strong but vy distorted, 9380 vy weak (Alexander PA 8/19)
- 11470 EGYPT V of Human Rights & Freedom for Iran in lang 1645-1825\*, tlk, lcl Mideast mx, s/ofT with usual theme mx, f signal but weak bubble jammer, no //s hrd (Alexander PA 9/4)

Many thanks for the above reports. I hope they will be of benefit to those members looking for new and interesting DX. Again, I want to stress that reports without any program details are not very useful. Please include more than sketchy data indicating that the listening period could not have lasted more than five minutes or so. If no ID is heard, then a // frequency is just as good. However, if neither is feasible, reporters are urged to note that fact. This advice is intended mostly for new members who may not be used to preparing logging reports. Most of the stuff I have been receiving over the years is top-notch and much appreciated.



# Tropical Band Loggings

**Sheryl Paszkiewicz**  
1015 Green Street  
Manitowoc, WI 54220

PO BOX 152! MIKE RYAN says AIR Gangtok hasn't been hrd on 3390 since 5/31.

- 2310 AUSTRALIA VL8A 8/27 1027 pops, weak (Grace-DC)  
 3220 SOUTH AFRICA Channel Africa 0305 EG anmts, lcl & intl nx, fair (Montgomery-PA) 8/15 0354 ID, regional nx, pops, TP, preview of Channel Africa Educ. Forum, addr (Serra-ITALY)  
 3230 SOUTH AFRICA R Oranje 8/22 0211 EG/AK SAT pops, Mellencamp Midler, Clapton, IDs, TCs, wx, fair (Lamb-NY) 5/31 0308 EG US pops, ID for Channel Africa 0304 (Montgomery-PA)  
 3235 NEW BRITAIN RWNB 8/27 1020 PD church service, choral mx, ID (Rausch-NJ)  
 3280 ECUADOR LV del Napo 9/16 1005 lots of Quechua comunicados, TC, prayer singing rel mx a capella (Rausch-NJ)  
 3300 GUATEMALA R Cultural 8/20 0305 Thru the Bible (BJordan-TN)  
 3306 ZIMBABWE ZBC Radio 2 8/25 0400 lang w/nx until 0420, rading @ 0426 (BJordan-TN) 8/14 0344 lang. Afr pops, jingle, kids chattering (poss ads) ment Harare (Serra-ITALY)  
 3315 ADMIRALTY ISL R Manus 8/27 1000 ID, NBC nx //4890, island vcis (Rausch-NJ)  
 3345 MOZAMBIQUE Emis Interprov 8/14 0358 IS, anmts, TP, mx bridge ID, freqs, nx (Serra-ITALY)  
 3345 SOUTH AFRICA Channel Africa 8/8 0408 EG lcl nx, hilife mx, poor copy just above noise floor (Montgomery-PA)  
 \*3380.8 MALAWI MBC 9/13 0330 lang/EG ID, PSA for school writing competition, ads, hilife (Rausch-NJ) 9/3 0325 tent w/poss EG & playing Afr pops, poor (BJordan-TN)  
 3396 ZIMBABWE ZBC Radio 1 8/30 0341 EG Radio Free Good Morning pgm Elton, Paul Simon, etc, nx 0400 (BJordan-TN) 8/8 0320 EG ID, US oldies, RTTY QRM (Montgomery-PA) 8/14 0415 ment Zimbabwe, tlks, pop, ads (Serra-ITALY)  
 3905 IRIAN JAYA RRI Merauke 8/27 0935 tlks, poss interview, ID 0945 Indo mx, no SCI, just ID (Rausch-NJ)  
 3905 NEW IRELAND RNI 8/27 1050 lite pops, ID, NEC nx //4890 (Rausch)  
 3912 INDO RRI ? 9/16 0940 YL tlk, IN mx, SCI, heavy T-storm QRM blocked ID (Rausch-NJ)  
 3945 VANUATU RV 8/29 0830 some mx, tlk in lang, 0900 def. ID, tlk interviews, screeching pigs, no sign of 4960 (Berg-MA) 8/29 0947 PD anmts, mx, flutes, ID & nx 1025 (Montgomery-PA) 9/1 0915 vy tent w/poor sig, OM tlk, weak (Hankison-KS)  
 3975 HUNGARY R Budapest 7/20 0425 RO pgm, IS, ID, into CR 0430 fair (Rigas-GREECE)  
 4005 VATICAN VR 9/5 0458 FR/EG rel tlk, IS, ID, "Room w/a View of the Vatican," //5860, p-f (Lamb-NY) 8/19 2230-0032\* lite instls, polka class mx, ID 2329, abrupt 0032\* (Alexander-PA) 8/14 2225 EG EZL, ID, Bible readings to 0032\* (Montgomery-PA)  
 4183t PERU R San Ignacio 9/5 0304 huaynos, pasillos, El Condor Pasa to 0337\* weak (Grace-DC)  
 4449.9 BOLIVIA Estacion Frontera 8/26 0021 pops, TCs, drums, trad tarkas (Grace-DC)  
 4460.9 PERU R Norandina 9/4 0230-0400+ SP anmts, OA folk, pops, ID 0330, p-f w/RTTY (Alexander-PA) 8/30 0327 SP YL vcis, TCs, ID (BJordan-TN)  
 4485.1 PERU LV de Celendin 9/4 0230-0435+ rel pgm, choral mx, organ mx, pops incl Springsteen, etc. (Alexander-PA) 8/30 0245 rel pgm, 0304 anmts, ment Cajamarca, echo, vcis (BJordan-TN) 8/27 0416 Carnavallitos & many IDs, NA 0500\* (Grace-DC)  
 4505.1 PERU R Horizonte 8/27 0250-0358\* SP tlks, ballads, ID, OA flute mx (Alexander-PA)

- 4600 BOLIVIA R Perla del Acre 9/5 0240 comunicados, flutes, ment La Paz, ID 0255 (Kausch-NJ)
- 4615.3 IRAQ Rep of Iraq R 8/27 \*0151 bird IS, NA, anmts, Koran, good. Nothing on 6560 past couple nites (Alexander-PA)
- 4635t TAJIKISTAN Tajik R 8/28 0052 OM w/SC mx, watery (Grace-DC)
- 4640.5v PERU R Soledad? 8/26 0200-0259\* tlc, rustic mx, echo anmts, OA NA, weak, vy tentative (Alexander-PA)
- 4649 BOLIVIA R Santa Ana 8/27 0145-0201\* tlc, LA ballads, ID (Alex.)
- 4753 SULAWESI RRI Ujung-Pandang 8/28 1010 AR mx, fair (Newbury-NE)
- 4770 NIGERIA R Nigeria 8/15 0507 EG nx w/correspondents, IDs, r-p (Serra-ITALY)
- 4775 PERU R Tarma 8/8 2247 TC, mx, ID, good (MacHarg-ECUADOR)
- 4777 GABON Rdt Gabonaise 8/26 2259 hlite mx, FR ID, kalimba-like IS yl ID to 2303\* (Grace-DC)
- 4779.8 GUATEMALA R Coatan 9/3 0125-0236\* SP rel tlc, IDs, ment Guatemala, choral mx, short instl, fair (Alexander-PA)
- 4779.9 ECUADOR R Oriental 9/10 1020 ad string, ID, R Oriental presente Alegria Ecuatoriana ... pgm, saludos (Kausch-NJ) 8/12 1406 & 1748 mx, anmts, rpt on car rally, ID, fair (MacHarg-ECUADOR) 8/27 1037 TCs, IDs, mx, FC (Grace-DC)
- 4782.4 MALI RTV Malienne 9/3 0632 FR tlc abt Angola, "Ici Bamako," good & //5995, 4835 (BJordan-TN)
- 4790 PERU R Atlantida 9/1 0950 mx, ID 0956 (Kaminsky-NJ) 9/1 0930 ID, huaynos, good (Robinson-TN) 8/9 1045 Andean folk mx, rooster crow, promo, mx (Newbury-NE)
- 4795.3 ECUADOR LV de los Caras 9/3 0707 SP musica romantica, IDs btwn & during songs (BJordan-TN)
- 4800 LESOTHO R Lesotho 8/17 0405 SeSotho YL long tlc, poor (Hankison KS)
- 4834.9 PERU R Maranon 8/28 1032 TCs o/Carnavalitos (Grace-DC)
- 4835 MALI RTM 8/15 1911 lang, poss nx, tam tam, strings, long tlc, fair (Serra-ITALY)
- 4850 INDIA AIR Kohima 8/9 1540 EG nx, Spotlight w/Nxltr from the Gulf, ID, sked (Ryan-THAILAND)
- 4850 UZBEKISTAN Uzbek R 8/26 1345 UZ rolk songs, 1400 IS, nx // 15200 (Ryan-THAILAND)
- 4875 BRAZIL R Roraima 8/8 0054 mx, ID, fair (MacHarg-ECUADOR)
- 4885 BRAZIL R Clube do Para 8/19 1000 ID, tlc, mx fair (Robinson-TN)
- 4885 COLOMBIA Ondas del Meta pres 9/12 0628 SP tlks, nonstop pops, t-g (Lamb-NY) 8/8 0053 mx, ID, TC, etc (MacHarg-ECUADOR) 8/23 0515 promos, ID, tolk mx, t-g (Newbury-NE)
- 4890 PAPUA NBC 8/18 1130 pop mx, EG DJ, fair (Rippel-VA) 8/20 1048 EG ID "One Nation, One Country, PNG" C&W mx (Newbury-NE)
- 4904.5 CHAD RNT 9/5 0443 FR w/Afr pops (BJordan-TN) 8/15 0451 Afr pops IDs, tam tams, kids chorus, chants (Serra-ITALY)
- 4904.8 PERU R La Oroya 8/8 0045 tlc, ID, fair (MacHarg-ECUADOR)
- 4914.5 PERU R Cora 8/8 0045 mx, wx, TC, many ment San Martin, ID 0049 good w/splash de R Quito (MacHarg-ECUADOR) 9/5 0445 SP pops, OA mx, IDs (BJordan-TN)
- 4919 ECUADOR R Quito 8/16 0200 SP pop mx, ID (Kaminsky-NJ) 9/12 0307 Don't Cry for me Argentina, ad, slogan (Lamb-NY) 8/19 0100 tlc, IDs, lots of promos, good (Alexander-PA) 8/8 0040 Sub 17 soccer //760, exc (MacHarg-ECUADOR) 9/1 1000 ID, mx, nx of Natl Congress (Robinson-TN) 9/9 0325 SP vcls, "La Voz de la Capital" fair (Rogers-MA) 8/23 0525 SP laughter, exc (Newbury-NE)
- 4925 BOLIVIA R San Miguel 8/15 0912 Buenos Dias Bolivia, Buenos Dias America, mx, poor (Hankison-KS)
- 4930t NAMIBIA NBC 9/4 0600 Afr vcls, tlc but vy weak (Alexander-PA)
- 4930.6 HONDURAS R Internacional 8/8 0042 econ tlc, good but strong ute QRM (MacHarg-ECUADOR) 8/21 0305 EZL vcls, "Internacional ex Su Radio," IDs, 6 chimes to 0400\* (BJordan-TN) 8/15 0429 romantic songs, IDs, TCs (Serra-ITALY)
- 4934 PERU R Tropical 9/12 0356\* SP version of Puppy Love, ID, s/ott tlc but no anthem, fair w/QRM (Lamb-NY) 8/3 0041 mx, ment San Martin, good but distorted (MacHarg-ECUADOR)
- 4935 KENYA KBC 8/15 1936-2000 Cyndi Lauper, Chicago, fair (Serra)
- 4950 ANGOLA R Nacional 9/3 2230 pops, poor //7245, tlc (Berg-MA)
- 4950 CHINA Vo Pujiang 8/10 1338-1400\* CH //3280 CH opera, fair, 3280 weak, 7115 covered by Thailand (Flynn-OR)
- 4950 KASHMIR R. Kashmir 8/14 1715 lcl mx, 1730 EG nx to 1740\* w/ID and sked (Ryan-THAILAND)
- 4955 PERU K Cultural Amauta 9/2 1000 SP ID, tlc, band mx, patriotic

- marches, fair (Robinson-TN)
- 4960.5 HONDURAS HRET 9/19 0035-0300\* choir, rel tkl, ID, addr, Hallelujah Chorus, EG rel, ID w/guitar instl (Rausch-NJ)
- 4965 BRAZIL R Alvorada 9/4 0145-0200\* PT anmts, ID, pops, weak (Alexander-PA)
- 4965 NAMIBIA NBC 7/31 2220 YL tkl abt need for population control, filler mx, ID (Rausch-NJ)
- 4976 UGANDA R Uganda 8/25 0340 fading up to fair by 0345 w/lang tkl many ment Kampala, poor mod (BJordan-TN)
- 4985 BRAZIL R Brasil Central 9/3 0720 EZL vcls, IDs (BJordan-TN)
- 4990 INDIA AIR 2336 IS, Indian choral, tkl (Berg-MA)
- \*4990.9p SURINAM R Apintie 9/1 2330 EZL vcls, seemed DT tkl, QRM from AIR 2336, also hrd 8/31 0726 w/unfamiliar NA, Indian-style mx mixing w/Andean stn, also hrd 9/1 at 0402\* (Berg-MA) 9/3 0415 pop & gospel, ID after almost every song (Rausch-NJ)
- 4995.8 PERU R Andina 9/15 0240 freq IDs, slogan, slow & up tempo OA mx, birthday greetings (Rausch-NJ)
- 5009.6 MADAGASCAR RTV Malagasy 9/8 \*0255 IS, NA, ID in lang, tkl, reggae, 0312 FR tkl, ID (Rausch-NJ) 9/4 \*0254 guitar IS, NA anmts in lang, Air pops, good (Alexander-PA) 9/3 0335 lang tkl vcls, strings, QRM Ecuador 5010.3 (BJordan-TN)
- 5010 INDIA AIR Thiru'puram 8/21 0130 3+1 TP, good but rated within 5 mins (Rippel-VA)
- 5010.3 ECUADOR Esc. Radiofonicas 9/3 0355 live simulcast w/vcls & instls, exc (BJordan-TN)
- 5019v NIGER LV du Sahel 9/3 0612 FR story, lcl vcls (BJordan-TN)
- 5020 SOLOMON ISL SIBC 8/27 1052 choral mx, ment Honiara, good (Grace)
- 5030 COSTA RICA TIAWR 9/5 0449 SP/FR contemporary Christian mx, rel tkl, ID, IS //7375, 6150 (Lamb-NY) 9/5 0436 SP rel pgm exc (BJordan-TN)
- 5035 BRAZIL R Educacao Rural 8/5 2350 mx, ID, vy good (MacHarg)
- 5040.1 COLOMBIA LV de Yopal 9/5 0128 ads, musica romantica, tkl abt memories, ID, TC, sudden 0203\* (BJordan-TN)
- 5045 BRAZIL R Cultura do Para 9/5 0235 vcls, ID, fair (Rogers-MA)
- 5047 TOGO Rdf Togolaise tent 8/24 0543 FR Atr drums, tkl, halite mx (Montgomery-PA) 8/23 0535 Afr song, chorus, FR tkl (Newbury-NE)
- 5049.8 ECUADOR R Jesus del Gran Poder, 8/5 2350 mx //670 (MacHarg)
- 5054.6 COSTA RICA Faro del Caribe 9/5 0439 SP rel tkl (BJordan-TN)
- 5075 COLOMBIA Caracol 8/5 2352 nx abt landslides (MacHarg-ECUADOR) 8/20 0400 ID, nx, ment Tyson fight, LA mx (Newbury-NE)
- 5131 PERU R Vision 8/25 0245-0308\* anmts, lite instl mx, piano, ballads, ID, NA, weak (Alexander-PA) 8/5 2350 mx, ID, vy good (MacHarg-ECUADOR)
- 5275.6 PERU Estacion NC, la Radio de Integracion 8/5 2129, "musica muy romantica," overmodulated (MacHarg-ECUADOR)
- 5489.4 PERU R Lajas 9/4 0305-0330\* OA ballads & flutes, ID, closing anmts, tnx McVicar (Rausch-NJ)
- 5522.4 PERU R Sudamerica 8/5 2220 mx, anmts, TC, moved from 5521.4 (MacHarg-ECUADOR)
- 5547.4 PERU R Paccha 8/29 0205-0300\* OA mx, US soft pops, cuckoo six TC, ID, tnx McVicar (Rausch-NJ)
- 5620.9 PERU R Ilucan 9/4 0215-0245\* tkl, IDs, tolk mx (Alexander-PA) 8/5 2210 anmts, flute, ment Cutervo, ID (MacHarg-ECUADOR)
- 5770 NICARAGUA R Miskut 9/9 2340-2345\* ID, closing anmts, NA (Rausch-NJ) 8/26 tent to 2340\* anmts, pops, electronic six, echo anmts, poor in QRM (Alexander-PA)
- 5810 USA KAIJ 9/17 0255-0315 C&W mx, Dr. Gene Scott, ID (Pasz.-WI)

We made up for last month! Thanks ROGERS for your 1st time logs, I think This month reporters from 10 states & 4 countries. Tennessee beat Pennsylvania! Next deadline October 20. Thanks for the great logs, ED RAUSCH, who mailed in 4 times.

Fall has fell here but then I was reminded that the DX should get better too. Buy the 1996 Passport to World Band Radio!

# the CPRV page

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## RADIO HIT MUSICAL

LA VOZ DE LA LIBERTAD  
Santiago, República Dominicana


Hemos recibido su reporte de recepción del día 5 de Enero de 1967 en la frecuencia de 3385 KCS. Banda de 4VH, cuyos datos son correctos.

Al agradecerle esta atención, nos suscribimos de Ud.

Muy atentamente:  
*[Signature]*  
QSL

12 de Enero de 1967

RADIO HIT



We thank you for your report dated 5th 1968 which we found correct.

Remarks: Dr. Widmaier's son Sunday August 3, 1968 - Dr. will read your report and try something at 7:30 P.M.

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(All Stations). From  
7:00 A. M. to 10. P. m. Est.  
Sunday: 9: 30 to 6P. m. Est.  
Best. 73's [Signature]

HERBERT WIDMAIER

# HH2W 3W

C. RICARDO WIDMAIER / PORT-AU-PRINCE, HAITI / P.O. BOX A 117

Date 28 January 1968

Mr. Geo. D. Sallade  
tax on your nice report P.M. 7:30

Acknowledging Report Jan. 20 - 1968 at 70:45 P.M.E.S.T.

XMITTER 4V-46-46.5 Mod. grid A. Watts 30 Out put

Antena Doublet Band 27.22 Kc. 95.95

Broadcasting Schedule 1 to 2 P.M. 7 to 8:30 P.M.

*[Signature]*  
RICARDO WIDMAIER

To the island of Hispaniola this month, with Haiti on the west side of the island, la República Dominicana on the east. Except for infrequent gasps from 4VEH, Haiti has now left shortwave. Though never widely represented on the air, over the years there were usually at least a few stations as DX targets. I can remember Radio Haiti (middle card) back in 1958, and the station's friendly-to-SWLs head personality, Herb Widmaier. C. Ricardo Widmaier--Herb's father?--was listed as the station's Director General in the WRTH's of the day, and in the bottom card we can see a card signed by Ricardo more than 20 years earlier. This is a card that was used both for amateur and broadcast transmissions from the same station. +++ The Dominican Republic was well represented in earlier days, and one of the stations whose ritmos I recall is the 90 meter bander Radio Hit Musical. +++ If you would like info on CPRV, just send a business size SASE to yours truly at the above address. 73--

A Committee of the Association of North American Radio Clubs

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