

# NASA

# the JOURNAL

## NORTH AMERICAN SHORTWAVE ASSOCIATION

Volume XXXV Number 12

December 1995



# Holiday Greetings



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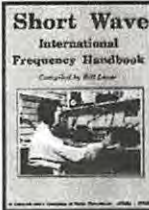
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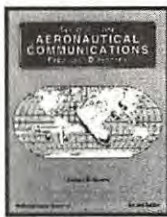


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# NASWA Notes

**Richard A. D'Angelo**

2216 Burkey Drive

Wyncissing, PA 19610

Genie: R.DANGELO3

Internet: r.dangelo3@genie.geis.com

**I** don't understand it. It seems like the DX season just began and it is already the holiday season. On behalf of the entire staff, the Executive Council, and anyone else that has their fingers in this operation, I hope all NASWA members enjoy the upcoming holiday season.

**Kris Field** is now our Club Representative to the Association of North American Radio Clubs ("ANARC"). He replaces **Bob "Big Signal" Brown** who steps down after serving in this capacity for many years. As our representative to ANARC, Kris is the club's official spokesperson in association matters. In this position, Kris reports to the Executive Council.

Member **Jill Dybka** is looking to form a Nashville, TN area NASWA Chapter. Club members in the Nashville area are encouraged to contact Jill at her Internet address (Internet: dybkaj@harpo.tnstate.edu) or you can use the telephone (615-662-1482) or you can write to her the old fashion way at:

Jill Dybka  
8832 Hwy 70  
Nashville, TN 37221-5807

## 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)

She will be able to fill you in on the details and get things off the ground. Good luck Jill and we hope to be hearing some reports from the Nashville NASWA Chapter in the near future!

Member **Giovanni Serra** writes to tell us about the European DX Council's 1996 Annual Meeting. It will be held in Florence, Italy and will be sponsored by the Associazione Italiana Radioascolta. This will be the 30th conference arranged by the EDXC. Registration details can be obtained from:

## Welcome to the following new NASWA members -

Jon M. Bevilacqua Esq., Queens, NY  
Charles Bolland, West Palm Beach, FL  
Robert L. Butkowski, Sauk Rapids, MN  
Larry D. Fussell, Brewton, AL  
Robert E. Gearing II KE4UHO, Palm Beach Gardens, FL  
Walter B. Hamilton, Ft. Worth, TX  
Gordon Hein Jr., Alcester, SD


Richard W. Hudson, Belleville, IL  
Bill Ignarski, Antioch, IL  
E. Leroy Lindahl, Bella Vista, AR  
Wesley M. Pitts Jr., Jackson, MS  
Gene Purdum, Mason, MI  
Rev. Robert Sharman, Mechanicsburg, PA  
Lawrence R. Shaw KF7UZ, Tupelo, MS

Our Motto is - "Unity and Friendship"

Associazione Italiana Radioascolta  
EDXC'96  
P.O. Box 30  
I-50141 Firenze Succ. 30  
Italy

Member **Robert Scheuermann**, KE6HTE, sent in an interesting article from the Los Angeles Times of Sunday October 22, 1995 about the importance of radio in Africa. It describes the medium as "...a lifeline cherished by villagers, exploited by governments and hailed by relief officials as a potent weapon in an uphill fight." This was a very impressive front page story which showed how radio dominates all mediums of communication on this continent.

Unless you want a lump of coal in your Christmas stocking, I suggest you get some loggings off to our Distributing Editor, **Fred Kohlbrenner** (2641 South Shields Street, Philadelphia, PA 19142). He will forward them to the appropriate log report editor. Not only will Fred pass along your loggings to Sheryl and Wallace, he will also forward QSL report information to Sam Barto. He can be reached at through the Internet at: [fkohl@ix.netcom.com](mailto:fkohl@ix.netcom.com).

That's it for this month. Enjoy the holiday season edition of the *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 - [r.dangelo3@genie.com](mailto:r.dangelo3@genie.com)*

**Jan Collins, 7320 SW Newton Place, Portland, OR 97225**

VOA might need to be renamed to VOA: "Whisper of America." When I was trying to find the VOA in October while traveling in Britain, it was conspicuously absent in European evening prime time. Finally, on one of the VOA transmissions to Africa or the MidEast, there was an announcement that the European service has been closed down! One VOA bright spot was Willis Conover's slow announcing great jazz from the USA. Thank goodness for Radio Canada International for news from N. America to Europe.

**Harold Freed, 309 Winter Avenue, New Castle, PA 16101**

I still enjoy reading the NASWA Journal and look forward to the arrival of each monthly issue. So, enclosed is a check for a one year subscription renewal. Keep up the good work, you guys do a great job. SWL is one of my most favored hobbies. And the Journal enhances the enjoyment. I find myself with the receiver especially in the hours before 2400. Now that I'm getting old, it seems the wee hours in the morning brings on sleepiness. Anyway what I fine hobby it is; SWL.

When I see the list of names of new members each month my thoughts are, hopefully many of those new folks are the younger generation. As I see it, sure is great to be hooked on shortwave listening. And if our younger folks would be hooked on it too, the many side attractions of street life and perhaps its drugs and problems of crime would not be nearly as great a reality as it is today.

And for the sake of comment, I got hooked on SWL way back in the early thirties while sitting in my grandfathers old rocking chair and tuning his old set to the world beyond. What a fascination that was to me and needless to say, I found myself as a lad often at grandpa's house

fixed to the rocking chair and the old shortwave receiver. What greater pleasure is there than listening to broadcasts from great folks overseas. My favorite is HCJB and its various programs. Sure is a lot of fun.

God Bless You All.

**Donald N. Aspinall, 106 Warrens Pond Road, Toano, VA 23168**

In reading the Oct issue of NASWA, I was interested in the article about Radio Netherlands/Deutsche Welle. Yesterday I was listening to the Voice of Russia World Service and I was transfixed at the female announcer and the fantastic program I just couldn't get away from.

I'm new at DX'ing (thanks to Chuck Rippel) and only started in July of this year with a Kenwood R-5000, using a 12.5 meter antenna. So far I've logged 157 transmissions and have about 130 QSL cards and letters.

Getting back to the Voice of Russia, the music from Glenn Miller and a number of other artists in a secession called "Oldies but Goodies" this announcer seemed to have the "feel" for what was needed. A breath of fresh air to say the least. I think it was called "Timeliners" as there were a number of letters read from all over the world. According to the female announcer their first transmission was in 1992. I caught this on 5940 kHz at 2130-2200 UTC. To say the least I was extremely impressed with the presentation and contents of the program.

Incidentally, in September I traded up and swapped my Kenwood R-5000 for a "new" Drake R-8A. After talking with Chuck Rippel and Ed Rausch, I'm now using a 140 ft inverted "V" with great results. If anyone is a fumble finger like myself, a Drake R-8A is the only way to go.. I know, I know I'm a beginner so what do I know. I must be doing something right. I a telephone call with Chuck I mentioned I had just listened to Radio Bahrain on 6010 kHz and to my surprise he hadn't picked up that station.

I'm 63 years of age, retired twice and work a part time job for all the little "extras."

73's

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

Our first DXpedition of the season to Gifford Pinchot State Park is now history. GP#15, the Curse of Hans Johnson, was filled with static due to thunderstorms in late October! We can only suspect that former regular Hans Johnson, who moved to Colorado after our final DXpedition last season, had something to do with the terrible noise conditions. Nevertheless, we persevered like seasoned veterans.

Also in attendance was newcomer Bob Montgomery, regulars Dave Valko, Fred Kohlbrenner and semi-regular Kris Field. Bob couldn't sleep so he acquired the nick-name Mr. Insomnia. He put in some long hours at the dials. Looks like Bob will be a regular in the future so the East-West Pennsylvania NASWA DXpedition Chapter has been strengthened despite losing our Maryland affiliate.

I strung out a 350 foot north antenna through some of the thickest underbrush I can remember. I continued to remove pieces of thorns from my clothes days later. We had a cabin near the lake. We managed to beautify the surroundings with four or five long wire antennas along the lake front. Wire City—what a site!

Our next visit to Gifford Pinchot should happen around the time this Journal reaches the membership. Hopefully, Hans will travel east to attend thereby removing the curse which haunted our Halloween Weekend adventure.

73 - RAD

## Calendar Of Events

- Dec 10** *Meeting.* The Tidewater SWL's meet at 6:30 PM. For more information plus meeting location contact Joe Buch at 804-721-2782.
- Dec 15** *Meeting.* Philadelphia Area NASWA Chapter. Kulpville Holiday Inn, Kulpville, PA at 7:30 PM. For more information contact Dan Cashin at 215-446-7831.
- Dec 15** *Meeting.* Boston Area NASWA Chapter. The Lexington Club, Rts. 4 & 225, Lexington, MA at 7:30 PM. The location is 1/4 mile west of Rt. 128, Exit 31. For more information contact Paul Graveline at 508-470-1971 or Internet: 74007.3434@compuserve.com
- Dec 16** *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.
- Mar'96** *Contest.* 1996 North American DX Championships. Further information will be published in the Journal or you can send a self-addressed stamped envelope 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 Kulpville Holiday Inn (Exit 31 on the Northeast Extension of the Pennsylvania Turnpike) on 14-16 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.com) or Ralph Brandi (Internet: ralph.brandi@att.com).

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

Frendx returned to its normal size under the guidance of temporary publisher, Ed Shaw. The Board of Directors—Gregg Calkin, Dan Ferguson, and Gerry Dexter—appointed Ed to the post for the next few months. Bill Eddings was back from the hospital but only able to handle correspondence, memberships, etc. Because of the limited sized bulletin in November, a one month membership credit was given to all members. Among the renewals was James W. Young for his second year. Orders for the 1971 WRTH were being taken at \$5.15/each. The Loudenboomer Report featured Charlie Meets Santa Claus, which was first printed in 1967. The photo page featured Ed Shaw, Al Niblack, Cesar Objio, and Mike Macken. Gregg Calkin's QSL Report column, featured an article by Don Jensen entitled, NASWA Station Counting Rules. Dan Ferguson, Log Report editor, found using initials for crediting items to be awkward. In the Flashsheet, Al Sizer reports a new station from the Dominican Republic, Radio Clarin.

# Easy Listening

**Richard D. Cuff**

1016 Chestnut Ridge Drive  
Timonium, MD 21093-1716  
CompuServe: 73651,153  
Internet: rcuff@memtec.com

## Channel Africa? Easy Listening?

By definition, this column looks at broadcasts that can be heard easily, where the interest in tuning in is for program content, versus tuning in, say, Radio FreeDonia. So, the inclusion of Channel Africa might seem misplaced. However, with a bit of time off for the Thanksgiving holiday, I set my kitchen portable, a Radio Shack DX-370, to "scan" for fun. At 1600 on 15240 kHz, there it was in fine form. The program was similar in content to Radio Australia's Pacific Beat program with news features interspersed with music. At 1630 a soccer match came on. I don't know if this was specifically due to the Friday evening local time, but this was a pleasant surprise. You can bet my tape recorder will be set for a few days on this find to see if the broadcast remains of consistent "Easy Listening" quality.

## Radio Netherlands

Highlights on Radio Netherlands' Documentaries for the next several weeks:

December 7th and 14th: This year the Dutch Government aims to begin a new era of friendship with neighboring Germany. In a unique co-production, Maggie Ayre together with Deutsche Welle's Irene Quaille-Kersken produces a 2 part series on the past, present and future of the Netherlands' relationship with Germany..

December 21st: The year of the Alone. This was the UN year highlighting the problems of people who choose to live on their own, or forced by circumstance to go through life alone. Mindy Ran reports.

December 27th: Martha Hawley returns with a review of how successful the UN-Conference on Women has been this year

with a review of the issues that were discussed and how, in any way, the Conference enhanced the status of women in the world.

January 3rd: Homosexuality was quite common among the samurai- the military class in feudal Japan - and there are many literary works dating back several centuries which deal with love between men. But, as Eric Beauchemin reports, Japanese society is now far less accepting of homosexuality, and gays and lesbians are struggling to have their rights recognized.

Documentary airs Thursdays to North America at 0053 and 0453.

## Target Topic: Domestic Life Programs

This is a common staple of many international broadcasters, as they seek to present their countries to the world. For an international broadcaster whose native language is not English, this is the usual means to open a window on day-to-day life. One reason I especially enjoy this program type is that I become a vicarious tourist when listening. That feeling is particularly relevant when I've been to that country before, and the radio program reminds me of my experiences. Listening to these programs is often helpful *before* I visit a particular country, as I can pick up possible cultural perspective on a particular subject that I can chat about with my foreign hosts, or, in some instances, treat as taboo.

My own personal favorite of the genre is Deutsche Welle's **Living In Germany**. **Living In Germany** airs UTC Mondays in all three (0125/0325/0525) North American releases. The program can often take a serious tone, for example, when critiquing the ongoing integration of the former East Germany economy, but often takes a lighter

tone, for example, at the business and commercial interests in Munich's *Oktoberfest*.

I also enjoy the BBC's entry, *Network UK*, airing to the Americas Thursdays 1430. European releases include Thursdays 1530 and 2315. Another BBC program, more on news than domestic affairs, is *Britian Today*, airing daily to Europe and the Americas at 0045, and daily except Saturday at 1645.

If you're interested in how the USA is presented in such programs, tune into the *Voice Of America* entries *This Is America*, airing to the Americas Mondays 0045 UTC, and *Inside USA*, Wednesdays 0210. American culture, such as it is, is presented in *American Mosaic*, Fridays 0045 UTC.

Peter Bowen's December spotlight is on *Radio Vlaanderen Internationaal's Living In Belgium*.

*This program is broadcast for about 4-5 minutes, and is composed entirely of one item, viz, there is only one report or interview per program. This item can be an interview, a report by a staff member, or perhaps a combination of both. And it can originate from the station or on location. The focus of course is on various aspects of life in Belgium, though the emphasis is on topics taken from life in the Dutch-speaking part of Belgium (as RVI's oft-repeated objective is to be the voice of the Flemish community in Belgium).*

*Living in Belgium is a plain vanilla program. Its reporters are OK, but not engaging. Content is good, but presentation is quite straightforward and non-stimulating. Vital contrasts within the program are often missing. What we often get is an announcer reading from a script for 5 minutes, and in an unengaging manner at that.*

*After news and a press review, RVI broadcasts up to three programs in the remaining fifteen minutes of programming on weekdays, with each lasting for about 4-5 minutes. The advantage is that if one of these is boring, another one will be along shortly. The disadvantage is that no topic is covered in any depth.*

*Living in Belgium unfortunately -mirrors many other RVI programs. It is a brief program of mediocre quality, with presentation being especially lackluster. Acceptable, perhaps, in small doses.*

Other entries, taken from John Figliozzi's *Shortwave RadioGuide*, include the following. By the way, the latest revision to the *RadioGuide* should be completed soon; it will be available from the NASWA Company Store once completed.

## Odds and Ends

If you're trying to interest younger children in shortwave radio, you might consider introducing them to the children's programming on HCJB: Their featured entry is *JUNGLE JAM* airing Saturdays at 1430 UTC. *Jungle Jam* features music, stories and lots of excitement, and is sure to please all children, regardless of age.

Other HCJB programs of interest to children, all airing on Saturdays, include *We Kids*, 1130 UTC; *A Visit with Mrs G.*, 1200 UTC, and *Adventures in Odyssey*, 1230 UTC.

Sunday children's programs include *Kid's Corner*, at 1200 UTC, and *Your Story Hour*, at 1230 UTC.

One of the enjoyable aspects of *Radio Australia's* services is that, as an Asia/Pacific target service, and with English as the native language, a large amount of programming is specifically of national or regional interest. The weekly *Sport* program at 0830 UTC Saturdays includes horse racing results from various Australian tracks. With winter here early in Maryland, and the Southern hemisphere approaching summer, I feel warmer just hearing about summer season sports.

## BBC World Service Highlights

You may want to get a copy of the new BBC program schedule which actually took effect at the end of September; it appears many program times were shuffled to reflect local time changes with the end of Summer/Daylight Saving Time.

Time	Days	Station	Title
0000	Monday	WRMI	Viva Miami!
0020	Saturday	R. Prague	I'd Like You To Meet
0025	Monday	Spanish For. R.	Spain Step-by-Step
0030	Saturday	Spanish For. R.	Window on Spain
0030	Monday	R. Sweden	Sweden Today
0215	Sunday	V. of Free China	East Meets West
0215	Tuesday	V. of Free China	Kaleidoscope
0215	Saturday	V. of Free China	Reflections
0325	Mon-Fri	R. Japan	Japan Diary
0330	Tuesday	R. Japan	Japanese Culture Today
0350	Weekdays	R. Japan	Close-up
0430	Thursday	Swiss R. Int'l	Swiss Scene
0435	Wednesday	V. of Turkey	Cultural Changes
0440	Tuesday	V. of Turkey	Notes from Turkey
1145	Wednesday	R. Korea	Pulse of Korea
1230	Saturday	R. France Int'l	Focus on France
1235	Sunday	R. France Int'l	Paris Promenade
1245	Saturday	R. Finland	Capital Coffeebreak
1250	Wednesday	R. France Int'l	Land of France
1250	Tue-Sat	R. Finland	Northern Lights
1110	Monday	Kol Israel	Israel Mosaic
1110	Wednesday	Kol Israel	The Aliyah Page
1130	Thursday	R. Australia	Couchman
1130	Thursday	R. Japan	Crosscurrents
1210	Wkdys exc. Wed	R. Australia	Australiana

### News and Feature Programs

Saturdays 0630 to Europe: **Fourth Estate** is a look at press commentary from Europe and the former Soviet Union. The emphasis isn't the commentary itself, but how the issues are researched and reported on. Repeated Sundays to Europe at 0330 and 1630.

Fridays, 2315: **Early Versions** is a new four-part 15-minute series on the existence of original manuscripts of great works of art, or first editions of books. Such items as the *The Caedmon Manuscript* and *The Rule of St. Benedict* are investigated by Michael Rosen. Also airs Wednesdays 1145 and Fridays 1430 to the Americas, and Sundays 1730 to Europe.

Wednesdays, beginning December 13th, 0330: **Pick of the World** returns for a ten-part 30-minute series of the highlights, drama, and lighter moments constituting the very best from the entire BBC World Service output. Hosted by Paddy Feeny and Nicola Barranger and returned by popular demand.

Also airs Sundays 1130 and Mondays 1615 to the Americas, and Mondays 1830 and Tuesdays 1230 to Europe.

Monday, December 25th, 1515: **How The Angels Fell** is a single 45-minute seasonal program on how angels have been transformed from Biblical heavenly messengers to the use of the work *angel* in popular lexicon. First airing to Europe on Sunday at 0815 and 1515.

Monday, December 25th, 1600: **The Queen's Christmas Message to the Commonwealth**, an annual feature, is aired in all releases. Also available to Europe at 0900 and worldwide at 2100.

Tuesdays, beginning December 26th, 1505: **Food Plants** is a new 13-part 10-minute weekly series looking at the major food crops of the world, and also looks at how plant species have been transplanted beyond their points of origin.

## Science And Technology

Sundays, beginning December 24th, 0450: **The Planets** is a look at both ancient and modern visions, involving artistic and scientific principles, of the Solar System. Astrology and mythology are explored in contrast to spacecraft and high-powered telescope capabilities. Also airs Sundays 1405 to the Americas, and Tuesdays to Europe 0750.

## Music and the Arts

Thursdays, December 7th and 145h, 2330: **Choirs of Angels** is a new two-part 30-minute program looking into the British cathedral choir tradition. The ingredients of the current cathedral choir, typically consisting of ten-year-old professionals, are explored. Also airs Fridays 0330 to the Americas, and Fridays 0730 and 2315 to Europe.

Fridays, beginning December 8th, 0230: **30-Minute Drama** presents a three-part radio adaptation of the fantasy classic *The Wizard Of Oz*. As none of the actors are household names to me, I suspect they're British. The stars include Barbara Barnes, Philip Franks, Patrick Barlow, and Bradley Lavelle. Also airs to Europe and the Americas Tuesdays 1130, and to Europe Wednesdays 0815.

Sunday, December 24th, 1502: **Festival Of Nine Lessons and Carols** airs live from King's College, Cambridge. For many, this marks the beginning of the Christmas celebration. Repeated to the Americas 2230, and to Europe Christmas Day 0730.

Tuesdays, beginning January 5th, 0715: **Man, Machine and Music** is a new five-part 30-minute series hosted by *Yes* keyboardist Rick Wakeman that looks at the role of technology in the recording of popular music. What once was a group of microphones in a small studio that consumed no more than a few hours has become a multi-year project for many artists to "program" and record an album of music. Also airs to Europe Thursdays 1130.

## Light Entertainment

Sunday, December 17th, 1515: **Malice In Blunderland** is a revival of a lapsed tradition of British pantomime, a seasonal play mixing

farce, music, stock roles, and topical jokes. Not exactly what I remember from "The Red Skelton Show", this appears to be a satirical self-portrait of the BBC "...mixing and muddling some familiar voices and programs." Simon Simple audits the BBC and attempts to downsize, delay, and streamline its regionalized output and personnel. First airs Sunday at 0815. Note that both airings are in the European Release only.

The BBC is soliticing listener input for a new weekly series premiering in January, **International Question Time**, billed only as a series inviting questions from listeners to be answered by a distinguished panel of guests. The subject matter isn't shown, so I can't give you more advice from that. Send your questions, including a phone number where you can be reached, to **International Question Time** to Bush House via mail, fax (+44-171-240-8776), or E-mail ([worldservice.letters@bbc.co.uk](mailto:worldservice.letters@bbc.co.uk)).

## Coming up...

Between now and the December column deadline I'll have completed a three-week international business trip, including approximately one week each in Japan and Malaysia. I'll have a portable with me, and I'll take notes about how "easy listening" differs over there from what we're used to here in Eastern North America.

Upcoming Target topics, in case you'd like to submit any mini-reviews (hint! hint!) include:

January: Light Entertainment and Mailbag programs

February: Religion

March: Shortwave Hobby/Media

Before I go, thanks to Gary Froemming of Glendale, AZ for the recent "RadioGram"; it's always nice to hear from folks by whatever means works for them!

Until 1996,  
73 DE Richard



# Shortwave Center

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Hi everyone-

Many of you have been asking me about Jihad Dx so I thought I would take a bit of space to explain to everyone what it is.

73,  
Hans

## Jihad Dx "The Firstest with the Bestest"

Jihad DX is an Shortwave weekly soft-copy only SWL DX newsletter edited and distributed by:

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### How It Works

Jihad is sent out FREE to those who have contributed to that particular issue, ie. you will receive those issues that you have contributed to. There are no subscriptions to Jihad and it is not to be redistributed or reposted without permission. It is only fair that everyone receiving Jihad DX should have to contribute to it. If you know someone who you would like to send a Jihad DX to then let us know and we will gladly send them the latest issue as a sample.

JIHAD DX WANTS & WELCOMES YOUR LOGGINGS!

### What Kind Of Loggings?

Jihad DX primarily focuses on timely, uncommon and arduous Shortwave DX and Clandestine Stations. Please send **ONLY** your "best" loggings and/or hottest info. Electronic distribution of information can be volatile and is best

sued to those which have a TIME VALUE. For other items, such as schedules and non-DX type logs, we suggest that you support your favorite printed publication by forwarding them this type of information. Due to space limitations, Jihad does not cover MW, LW and Pirate Stations normally. Pirate loggings should be sent to The Free Radio Weekly at: piradio@usa1.com Email them for more info.

### Log Format

When writing your loggings, please use the following format:

COUNTRY - FREQUENCY (kHz) - STATION  
- TIME (UTC) - PROGRAM DETAILS - YOUR  
NAME & DATE

Example:  
COSTA RICA 4831.8 R. Reloj 0200 SS ID with  
national and international nx by Manncr. (Burns  
NOV 23)

Using this format it makes possible for the editors to use your material. Logs that are not in this format are usually the first to be omitted or cut. Please keep loggings to kHz and DO NOT use mHz. Many DXers use frequency search features on their word processors to check for past loggings. (See the bottom of this FAQ for common helpful abbreviations that can be used with your reports)

Also let us know where you are. Jihad DX is a Global SWL DX Bulletin. We have contributors from every continent.

## Where To Send Your Logs

It is preferred that you send your loggings to the editor that is doing the next issue. If you do not know who is editing the next issue then send it to any of the editors. Their address' are listed above. CompuServe contributors may send their loggings to Hans Johnson directly.

*The following article was written in April, 1994 as a paper for the Global Studies 330 class "Listen to the World", taught at Teikyo Marycrest University in Davenport, Iowa by Don Moore. It is printed here with permission of the author.*

## Not What You Say

By Renee Russo

The phrase "It's not what you say, but how you say it" occurred to me several times throughout the Listening to the World on Shortwave Radio course. Listening to shortwave programs involved more than hearing news, music, etc. It involved listening to the broadcasters, what was being said, and how it was said.

One major difference in broadcasts was the tone set by the broadcasters. During news shows or other reporting programs, a serious tone was established. Several programs used pre-taped interviews and discussions on the various topics or current events to accompany news broadcasts. Mostly, the pre-taped extras were of a serious or professional tone. It was apparent to the listeners when the program style had changed, due to the tone also changing. Numerous talk shows, mailbag programs, and request shows had a relaxed announcer and tone allocated to them.

The tone reflected the type of broadcast, as well as the country or station the shortwave signal was being broadcast from. Listening to programs from the Voice of Free China, Taiwan and Radio New Zealand, I heard a definite contrast in tone and personality between these two stations. Voice of Free China, Taiwan had a conservative, to-the-point style, whereas Radio New Zealand took a more casual approach. The programs of the two stations had the same type of

## What If I Have No Logs That Week or I Did Not Hear Anything Worth Reporting?

Then let us know. Jihad's contributors are valued and appreciated. You, the contributor, is what makes Jihad DX "The bestest with the firstest". Not everyone is SWLer of the week.

**YOUR COMMENTS AND SUGGESTIONS ARE WELCOME!**

layout: news report, a talk show, and a little music.

I feel the political and cultural backgrounds of these areas influenced the tone and style the broadcasters use. Taipei, Taiwan, home of the Voice of Free China, is currently free, but it is affected by China. The culture of the Chinese and Taiwanese has been affected by the Communist government which controls the mainland. A stern, strict side of these Asian cultures was reflected in the broadcasts. New Zealand, however, is a free island country not influenced by such a nation or government. In many ways, listening to Radio New Zealand was similar to listening to an American broadcast. Some American pop music was played in the program, as well as a relaxed, easy going intonation set by the broadcasters. Although the focus of these stations were similar, their presentation differed.

Distinctive radio stations approach world news in different ways. Several programs listed such events as the 1994 Winter Olympics at the top of the news program during the month of February, while other world events were taking place. Each country, nevertheless, reported with a different point of view of the outcomes of various events. However, the rest of the report was to be determined by the individual stations.

News programs differed from station to station in emphasis and targeted areas. I noticed Radio

Japan focused on reports from Russia, the United States, and Japan more than other countries. Radio Austria International centered on Austria and its neighboring countries. Through my own observations, several stations reported on areas or countries that are significant to them economically, or that had another hold over them. This is also affected by who owns the shortwave station.

Many of the Latin American stations I listened to, in and out of class, were run by a religious organization or church. These stations were very different than the stereotypical religious programs and broadcasting in the United States. HCJB, The Voice of the Andes, played music and radio talk shows with religious messages played between the programs. The religious messages were more enjoyable to listen to, in my opinion, than messages I have heard in the United States; they were not preachy. I have noticed that a "down-to-earth" approach of sharing and spreading Christianity is more effective than a demanding one, propagated on or off the radio. Several of the religious talk shows dis-

cussed current events, family problems, and health issues. These stations were set up by the religious affiliated groups to spread their message, as well as provide the people of the area with shortwave communication.

Through listening to all the programs in English, I became accustomed to the general tones and program styles. Because of this introduction, it was easier to listen to broadcasts in languages I did not understand. This made listening to Radio Quillabamba, a Peruvian station, a conceivable task. I feel I was able to tell when a news program was being broadcast, opposed to a talk or request show.

It is essential to listen carefully to shortwave radio transitions. Not only to hear through the interference, but to what is being broadcast - styles vary. The class discussed how the style is affected by the culture, government, news sources, languages broadcast, and the goals of a particular station and its home country. All these factors require shortwave listeners to listen attentively to how things are being said, rather than just what is said.

## Life In Honduras—part Three

By Don Moore

In this series of articles, I've been looking back at features of every day life in Honduras during my time there with the Peace Corps in 1982-84. This time, however, I promise you we won't delve into personal hygiene, hi!

### Old School Buses Never Die

Up here in North America, have you ever seen an old school bus in an auto junkyard? I never have, and I know why. Old school buses never die—they get sent to Central America. As few people have cars, buses are an important means of transportation, both between towns and within towns as urban transportation. But, poor countries can't often afford new buses, so they have to make do with ones that our school kids have already wrecked.

When the buses get to Central America, no one bothers to remove every reminder of their previous life. For example, many buses in Honduras

still have signs with the school board's rules of behavior posted in the front of the bus. Of course, the signs are in English so no one follows them. People in Honduras don't throw spitballs too much, anyway. But then there's the rule that says no standing. In Central America when the seats are full, people stand. Lots of people stand. Actually, in every country it's illegal to have standees on the buses, but the rules are rarely enforced.

The fullest bus I've ever been on was between Jocotan (location of Radio Chortis, 3380 kHz) and Chiquimula, Guatemala. I was standing in the aisle, totally unable to move either foot. The bus seated 54 people, but I counted 95 and probably missed a few. But the national police were conducting their annual brief crackdown on standees in the buses, so when we got to the outskirts of Chiquimula, the driver stopped and told about half the passengers to get off. I played the dumb gringo and pretended that I didn't understand what was going on, so I got a seat for the rest of the ride into town.

When old school buses get to Central America, they are almost always repainted, in all sorts of colors. Some are green, white, and red and others white, green, and yellow. My favorite was always white, orange, and blue. It's very unusual to see a bus painted only one color, and they never use that orange-yellow that the bus was originally painted. Along the side, the name of the bus company is painted in big letters—something like CORTISBA or Transportes Silva. Of course, a company that operates half-a-dozen rejected US school buses in Central America isn't exactly on the Fortune 500 list, so don't take that term "bus company" too seriously.

On the front of the bus, above the windshield, the route is painted, like Santa Barbara-San Pedro Sula or Siquatepeque-Comayagua. Also, a route number is given, like Ruta #18 or Ruta #101. Ruta #101 was very popular; a lot of different routes used that number. You see, the route number doesn't have any significance. It's just a number the bus owner liked and decided to paint on his buses to make them look more impressive. Once in a while a bus wouldn't get painted and would be driven around with the name of its old school district still on the side. Lakewood Schools and Mesa Valley School District are two that I remember among the city buses in Tegucigalpa.

Central American buses may be old and worn out, but the system works. For example, all Americans familiar with the urban bus system in Tegucigalpa agreed that it was better than anything they knew of in the States. The system was set up so that you could get between any two points in the city taking no more than two buses at a cost of only ten cents per bus. Except for late at night, waits were rarely more than ten minutes and often less than five. No wonder when I tell Latin Americans about the Davenport bus system, where buses are scheduled an hour apart, they are shocked.

Inter-city bus routes are likewise cheap and frequent. The San Pedro Sula - Tegucigalpa route was the most traveled one in the country, and three different companies had about fifty buses a day scheduled to make the run, with at least one leaving every hour around the clock. The 150 mile trip took about 4 1/2 hours and cost \$3.50. On this most important route, the buses were the Greyhound type with double reclining

seats. The air conditioners had long ago broken down, however, so passengers had to keep the windows open. From San Pedro Sula, one could go on to Guatemala City via two buses in another twelve hours, including time for meals and border formalities, for a total cost of about eight dollars.

So, they may not be comfortable or sparkling new, but when it comes to the basic purpose of getting from one place to another as cheaply as possible with as little waiting as possible, Central American buses are the tops in public transportation from my point of view!

## Taxis

Taxis are the other side to the coin of public transportation in Honduras and Central America. As many middle class families do not own a car (and almost none own more than one), taxis get a lot of use through necessity. Yes, people do use those city buses I just got finished praising. But, as efficient as they are, buses do not provide door-to-door service and if you are on your way home from a shopping trip with a handful of sacks and a couple of kids in tow, a taxi sure beats a bus if you can afford it.

Most Hondurans are too poor to ever use a taxi. But, there are enough car-less middle class people, that all sizable Honduran towns have a taxi service and in the main cities there are hundreds of taxis. Most taxis are driver-owned, but in each town or city the drivers have their own unions. Mostly this means that they have set up policies to take turns in prime waiting spots and have agreed on approximate fees for distances so that they don't end up undercutting one another. That is important, as Honduran taxis do not have meters. Instead, passengers need to agree on a fee for their destination with the driver before getting in. In Tegucigalpa, fees were usually around two to three dollars, although could go up to about five for trips to the far reaches of the city. In San Pedro Sula, most taxi fees were around a dollar. If you are a foreigner, it is especially important to agree on a rate beforehand, as if the driver senses you don't know the local customs and appropriate fees, he may sock you with a ten or fifteen dollar charge when you arrive at your destination and it's too late to back out.

Taxis are always easy to spot. They are licensed by the government and each one has its number (two or three large digits) and the word "taxi" painted on the car in several places. In Honduras, taxis can be any color and any type of car—whatever the owner happened to buy. More often than not, taxis are older cars—few people buy new cars to make them into taxis. Most taxi drivers buy on the used market and then drive their car until it falls apart—and some nearly are. Of course, the owners of the worse-looking ones know better than to bother waiting for fares outside the better hotels. If you don't see a taxi, just listen. Drivers of empty taxis honk their horns periodically as they cruise the streets looking for customers. They are especially mindful to honk at foreigners, who they assume would not bother taking local buses...

## A Different Kind Of School

As noted in the first article, I worked with the Peace Corps from January, 1982 to April, 1984. After Peace Corps, I stayed in Honduras until November, 1984, teaching English at the Honduran Air Force Academy at Palmerola Air Base just outside Comayagua. My students there were the most motivated I've ever had, and they had reason to be. School policy was that anyone who failed a test was put under arrest (i.e. not allowed to leave the base) for thirty days and anyone who misbehaved had his head shaved. Of course the teachers had to report problems in order for punishment to be meted out. I always "forgot" to report it when a student failed a test and no one ever misbehaved enough to cause me to want to have his head shaved. They were good students; they all came from lower- middle class Honduran families and this was their chance to get an education and be something.

Several times the students and I got into political discussions, and I was surprised at the wide range of political viewpoints, from the left to the far- right. I remember one lieutenant (not a student—students didn't have rank yet) who was an admirer of Salvadoran death squad leader Roberto D'Abuison. Considering the Lieutenant's personality, I could have easily pictured him carving up a political prisoner and I avoided dealing with him whenever possible.

Palmerola is also the main US military base in Honduras, and there were always more Americans at Palmerola than Hondurans, at least when

I was there. Even during official "down" periods when the number of US troops in all of Honduras was officially under one hundred, there were obviously several hundred U.S. troops at Palmerola. As I worked for the Honduran military, I rarely had contact with the US presence except for illegally using the post office. The APO post office was in the building next door to my classroom and I was the only American on the base working for Honduras, not the US, and therefore ineligible to use APO. But the folks at the post office didn't know that...

## Wait A While


The main reason I took the job at the Honduran Air Force Academy was that Comayagua was only an hour away by bus from San Jeronimo, the village where my (then) fiancée Theresa worked. As Theresa had started after I had, she still had some time left to go on her two year commitment with the Peace Corps. Shortly after starting moving to Comayagua I went to San Jeronimo for a weekend visit. The primary school that Theresa worked in was having a Mothers' Day pageant, and while that sort of thing isn't exactly high entertainment, rural Honduras doesn't have much better to offer. And, Theresa was expected to be there, anyway.

The pageant was to begin at 7 p.m. and the school was about a five minute walk from Theresa's house, so we left at 6:30 to be sure to get seats. When we arrived, only a few teachers, students were there and preparations had barely begun, and none of the audience had arrived yet. We walked over to the park, a block away, and sat on a bench watching the people go by. People would walk by and then finding no one else waiting for the pageant, would turn around and go home, to return in another twenty or thirty minutes. Even after everything was set up and ready to go at the pageant, people would still walk by us, see the lack of an audience, then go back home. Maybe in the park they would meet some neighbors on their way to the pageant. Then the first group would tell the second group, "Oh, no sense in going there. No one else is waiting yet." And then they would all head home. Of course, a few people did stay each time. About 7:40 Theresa and I walked back and got good seats. Finally, around 8:05 the place was reasonably full and the program got started. Members of the audience continued to straggle in over the next half hour.

What is surprising about this is not the attitude of the townspeople, nor the fact that the pageant started over an hour late. The surprising fact is that I had lived in Honduras for about 2 1/2 years at that point, and Theresa for 1 1/2 years, yet we actually left the house a half-hour early to get seats. How could we have been so stupid? We should have known we could leave the house a half-hour late and not only get good seats, but not miss a thing!

Most people outside of Latin America have heard of how time functions in Latin America—the so called *mañana* syndrome. A meeting scheduled to begin at 2 p.m. will probably get underway at about 3 p.m. If you arrive at two, you can count on having some time alone to relax first. If a friend says they will call for you at seven, be ready by eight. In my two years at the Normal School in Santa Barbara, not once did a teachers' meeting begin on time. Go to a carpenter's shop and ask him to make you some chairs. He'll tell you they'll be ready in three days when he knows it will take five. But, if he told you five days, you might think he meant seven. Go back in three days and the carpenter will be surprised and patiently explain that he will have them ready in another day or two.

I don't want to sound like everything is late. Some things are reliable. When movies are advertised to start at five, seven, and nine, they will start at five, seven, and nine. Likewise, larger stores and restaurants post hours and keep them. Some things can even be ahead of schedule. Buses will leave early if they're already full.

So, by and large, the rule in Honduras is "más tarde", or "later", be it an hour or two, a day or two, or even longer. But, it is hard to break old habits. Like with the pageant, even after over two years in Honduras, I found it hard to stop being a gringo. I had difficulty not arriving late and would normally be on time unless I was otherwise occupied. I spent a lot of time waiting for that reason. But one thing I did learn in Honduras was to take my time. If going somewhere, I never hurried to be on time. I learned to patiently wait and read a book or just contemplate my surroundings while waiting an hour or more for a bus along a dusty rural roadside. No one rushed in Honduras, and it wasn't hard for me to stop rushing either. In fact, when I came back to the States, I had to learn how to rush all over again. 


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## HARDWARE BITS

By Alan Johnson

**THE RADIO SHACK DX-394 RECEIVER**—This new tabletop receiver from the Shack hit the stores in mid-November. It is the first tabletop Radio Shack has put out since the DX-302 in the early 1980's and appears to be manufactured by GRE, the company that has been producing most of Radio Shack's popular scanners over the past few years. The DX-394 is very attractively priced at \$400, making it the lowest priced tabletop currently available—roughly \$200 less than its nearest competitors, the Yaesu FRG-100 and the Lowe HF-150.

I've only been using the '394 for a few days, and hope to have a full review in the January issue of the NASWA Journal. So far, I have found it to be very compact and attractively styled. The sensitivity is very good, even with less than optimal antennas. The front end seems to be very resistant to overloading and the unit is easy to operate. The audio quality is very good in AM mode. I may be expecting too much, but I have found the following flaws. The minimum tuning step (by my ear) seems to be 50 Hz, which makes using the radio for ECSS tuning difficult, especially when listening to music. When zero-beating an AM station in LSB mode, zero-beat is on the carrier frequency, but in USB mode, I have to tune 1.1 kHz below the carrier frequency. I suspect that this is due to imprecise alignment. When listening to SSB signals, there is a great deal of distortion, unless the RF gain is cut way back. I'm not sure whether this is due to the way the AGC characteristics are set up or if the product detector is being overloaded. The thing that I have found most disconcerting is the apparent poor skirt selectivity of the (single) AM filter - when listening to the BBC on 5975 kHz, the interval signal of R. Nederland on 5995 Khz just prior to 0430 UTC is clearly audible. I feel that this is a filter problem (either due to signal leakage around the filter or just the use of a cheap filter), because it persists even when the attenuator is switched in or when using a short antenna.

A lot of these problems may be due to the fact that my unit was made early in the production run. Radio Shack is to be commended for attempting to put out a relatively full-featured communications receiver at this price point. I think that with just a little bit of design tweaking, this radio could be a winner, but I wouldn't advise rushing out and buying one right now. 

# Latin Destinations

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Hola amigos! Welcome to another Latin Destinations!

About two years ago, Bolivian station Radio Metropolitana (6195 kHz) treated several DXers to one of those truly wonderful Latin American veris that seem to be so rare in coming anymore. After about a year's wait (in my case) a veri letter, some station info, and a beautiful multi-colored frilled pennant arrived. How could it be any better? Well, it could. The veri-signer's signature on the QSL letters (actually a rubber stamp, but no matter) was that of Carlos Palenque, a prominent Bolivian political leader and presidential candidate, and a man who one day may well be president of Bolivia. There aren't many QSLs out there with a veri-signer this prominent! I had heard of Palenque before, but didn't know much about him. However, the QSL has prompted me to do a little more research into the man and his beliefs. As we will see, Carlos Palenque's connection to Bolivian broadcasting is a lot more than just a rubber stamp on some QSL letters.

## Bolivian Background

First, a little Bolivian history to set up the story. Bolivia is the most Indian country in the world - around seventy percent of the population are full-blooded Indians, mostly Aymaras, with Quechuas being the only other significant group. Bolivia is also one of the poorest countries in Latin America. However, the fact that the Indians of Bolivia have survived all these centuries of Spanish domination with their culture intact makes them a force to be reckoned with. Since the 1940s, Bolivia has had some very strong labor/political movements centered around the Indian peasants. The harsh conditions of life in the mining towns and in the farming villages helped bring the peasants together. Just as important, however, is that immediately after World War II, Indians began moving into La Paz in search of a better life. These Indians brought their rural traditional values with them and serve as

a symbol of the problems of the countryside. While previously La Paz was a mostly European city, it increasingly became a divided city, with more and more Indian neighborhoods. The Indians of La Paz became a catalyst for change right in Bolivia's political heart.

In 1952, the peasants of La Paz formed a coalition with labor leaders, small-business owners, and university students and faculty - the National Revolutionary Movement - and overthrew the ruling conservative military dictatorship after several days of bloody fighting in La Paz. The new government set about changing Bolivia from top to bottom by creating fair labor laws, legalizing unions, and nationalizing key industries like the mining industry. Although many of the MNR's policies like these were distinctly left-wing, the MNR government included a number of people who were linked with Latin American Fascist movements. Curiously, this kept Bolivia in the good graces of the US government, which, in the Red-scare days of the 1950s, saw the Bolivian government more as an ally against Communism than as a "fellow-traveler" like many other Latin American reformist movements of the day. The MNR was a very strange political mixture, and perhaps that is why its leadership gradually moved to the political center leading to a string of military governments between 1964-1982. (For more on radio and the Bolivian politics, see my article on Bolivian Miners' Radio in the June, 1994 Monitoring Times.)

## The Rise Of Palenque

Other than that he was born and raised in La Paz in a middle-class family, I can't find any background on Carlos Palenque's childhood. However, in the mid-60s he started a career as a long-haired singer of social-protest folk songs. Apparently he soon decided that wasn't the right road for his ambitions, and with some other singers he formed a pop-folk group named Los Caminantes, leaving the protest songs behind. Under Palenque's direction, Los

Caminantes soon became one of the most popular groups in La Paz. After a few years, Palenque decided to go solo, but his career quickly faltered. He probably would have sunk into obscurity at that point, except for a quirk of fate. The Bolivian government's national TV station (then the only TV station in Bolivia), asked him to do a weekly live music show aimed at the Indian peasants who lived in La Paz. Palenque is not an Indian and he realized that to really connect with his audience he would need a little help. For a cohost to his show, he picked a typical "pollera" - an Indian peasant woman dressed in the bowler hat and wide "pollera" skirts worn by peasant women. Comadre Remedios, as she was known, wasn't an actress, but rather an authentic peasant woman. And, she was perfect for the role of being a bridge between Palenque and the audience.

It's very significant that in the show Palenque called her Comadre Remedios and she called him Compadre Palenque. These words, "comadre" and "compadre," can be translated into English as co-mother and co-father, or sometimes as companion or comrade, yet in English, we really don't have the concept they express. Normally, these are names used by people who are parents and godparents of the same child. Being chosen as godparents of a child represents a very important relationship in Latin American culture. The words will also sometimes be used between people who have strong social/friendship ties, but are not actually the godparents of one or the other's child. These words express the strongest social bond possible between unrelated people in Latin American society. By becoming a "compadre" to a peasant woman, Palenque voluntarily made himself one of the peasants, something very unusual for his middle-class colleagues in a society where Indian peasants were sometimes treated as little better than animals.

Palenque had a winning formula, and soon his show was one of the most popular in the country - and the most popular among Bolivia's poorest people, who gathered 30 or 40 to a room to watch him on the one small TV in their neighborhood. In the early 1980s, Palenque used his success to help finance the purchase of La Paz AM broadcaster Radio Metropolitana. Several years later, in the mid-80s, the Bolivian government opened up the TV spectrum for private channels. It was

assumed that these channels would go to members of Bolivia's established upper-class business community, so when Carlos Palenque applied for a TV license, no one took him seriously. Those opinions changed when Palenque went on the air on his TV program and on the radio and appealed for support. "My compadres, the government doesn't want the humble people to have television..." With peasant and trade unions behind him, Palenque got his TV license. A few years later, Palenque entered the shortwave field by purchasing the frequency of a failed La Paz broadcaster.

## Politics & Radio

So, just what has made Palenque so popular? Remember, his TV and AM stations really only reach the greater La Paz area, and his shortwave license is a newcomer to his media network. Out in Bolivia's altiplano - the high plateaus between the Andes mountains - life is very harsh. The Aymara Indians of the Altiplano are very community-oriented. Families can not survive alone; mutual dependency and reciprocity are a necessity of life. The people care for one another, and, as people work together, everyone in the community is equal. Since the 1952 revolution, Aymaras have continued to immigrate to La Paz from the countryside. However, life in the city is a shock to them. Mutual dependency doesn't work the same way in the dog-eat-dog city. A few people become richer than others. Most become a lot poorer.

Palenque has developed a political philosophy he calls the "casa grande" which speaks to the Aymara traditions of working together. Society, Palenque says, is like a family and everyone must share. In a family, no one should go without, and nor should anyone in society. Of course, the members of a family need to communicate with one another, and likewise, Palenque's "casa grande" needs a method of communication between its members. Radio is the most important component for communication in the casa grande. Most peasants, even in La Paz, do not yet have televisions, so radio continues to be the center of entertainment and information in the home. Furthermore, people listen to radio while going about their daily lives, a role that television will never be able to fill. As Palenque puts it, radio "is the place where we daily converse like a family."

According to Palenque, the close relationships which exist between members of a family and between members of a small community can very easily be replicated in the relationship between an audience and the person behind the microphone. "... Little by little you have learned to trust your station in its midday programming, because with plain words, plain like the people, we understand each other every day and share moments of bitterness and moments of happiness." Palenque, of course, takes on a fatherly role as leader of the casa grande. He uses radio well, appealing to his audience's emotions and traditional values. In one speech he addressed the issue of homeless children: "I want to construct a home for the children that sleep and suffer in the streets. I want to give them warmth. I want to take them in my arms and take them from that place where they sleep in the streets. I want to carry them to the big house so that they don't suffer." Still, Palenque emphasizes that the mutual dependency of the casa grande by frequently thanking the people for teaching him and helping to make him what he is today.

A strong religious thread runs through Palenque's politics. He says that his movement follows the example of Jesus Christ and that to serve the people, as he does, is to serve God. He frequently draws parallels between political power and life. Both will one day end in a judgement, one by the voters and the other by God. Political corruption is to the people as sin is to God, and the day of judgement will come to politicians who do not, as characterized by Palenque, serve the people.

Until his purchase of a shortwave frequency a few years ago, Palenque's media outlets only reached the greater La Paz area, so it should be no surprise that his main political strength is in La Paz. Under the banner of his CONDEPA party (Conciencia de Patria or National Conscience), Palenque has been a fourth place also-ran in the past two Bolivian presidential elections. However, his politically-ambitious wife Monica, a former Spanish dancer, was easily elected mayor of La Paz in the last election and Comadre Remedios, Palenque's old TV sidekick, is one of several CONDEPA deputies in the Bolivian Congress.

### Hero Or Demagogue?

While Palenque is admired by La Paz's Aymara population, there are others, however, who see

Palenque in less favorable terms. Some characterize Palenque and his wife as a sort of political version of Jim and Tammy Baker, the US tele-evangelists gone astray a few years back. Through his radio and TV stations, Palenque has become a millionaire. That money came not only from large advertisers, but also from poor peasants paying to air personal announcements on the air and for their unions to broadcast programs. Palenque has used that money to buy a huge house in the most exclusive, luxurious neighborhood in La Paz, to buy expensive cars, and to live a life very different from those peasants he claims to identify with. Others go further and claim that Palenque is a demagogue who rouses the poor people and then channels their frustrations to his own political benefit. Some even compare him to Hitler. On the other hand, most criticism of Palenque comes from Bolivia's non-Indian minority, who traditionally control Bolivia's politics and economy. This group clearly fears how Palenque, primarily through radio, appeals to Aymara values and is trying to rebuild the unity and community responsibility of the Aymaras within La Paz.

Just who is Carlos Palenque? Is he a hero of the people? Or a demagogue? Or a smooth-talking swindler? I won't venture an opinion, as I really don't feel I know enough about the man. But, there is no question that he is one of those fascinating people behind-the-scenes that help make Latin American DXing all the more interesting. Regardless of his politics, I can't help but hope he wins the next presidential election. After all, think of how special it would be to have a QSL signed by the president of Bolivia ... even if it is just a rubber stamp.

In the meantime, amigos, why not try to hear Carlos Palenque's radio station for yourself? Here in North America, the 6195 frequency has been coming in between 0900 and 1000 UTC when the BBC is not there. When South American conditions are good, pull yourself out of bed and listen for some Andean folk music with talk in an unusual sounding language (that's Aymara) with a few Spanish words thrown in. If you hear it, you might want to send your own report and go after one of those QSL letters with the rubber stamped signature of the man who just might be the next president of Bolivia!

Hasta luego!

Don



# Listener's Library

T. J. "Skip" Arey WB2GHA  
P. O. Box 644  
Waterford Works, NJ 08089  
America Online: TJAREY  
Internet: tjarey@aol.com

Well here we are into another DX season. Maybe the sunspots will come around at least a bit. While we are all waiting for the propagation gods to do their thing, Jerry Berg checks in once again with another great review.

## **THE CLANDESTINE STATIONS LIST**

by Finn Krone

28 pages

10 IRC's (or \$9.25)

Danish Shortwave Clubs International

Tavleager 31

DK-2670 Greve, Denmark

Reviewed by Jerry Berg

Clandestine stations are stations that usually wish to remain "secret" and that broadcast material of a political nature that is not acceptable within the target country. These stations, or the movements they represent, have often been outlawed. At the very least they represent points of view that are at odds with those of the established government and thus not permitted on the air waves. These broadcasters often think of themselves as "freedom" stations.

While clandestine station loggings are often reported in the DX press, there are comparatively few resources that treat the subject more comprehensively. Three that do are Gerry Dexter's "Clandestine Communique" column in *Popular Communications*, and George Zeller's "Clandestine Profile" column in the bulletin of the Association of Clandestine Radio Enthusiasts (ACE), plus George's "Outer Limits" column in *Monitoring Times* (covering pirates as well). An important resource in this field that may be less well-known to NASWA members is an annual publication by the Danish Shortwave Clubs International called the *Clandestine Stations List (CSL)*.

Published in May of each year, the 1995 edition of the CSL is the eleventh. The changes that have been made in the CSL over the last few years make it clear that it is becoming a valuable clandestine station reference containing information that is not readily available elsewhere. It benefits from the credibility of its author and editor, Finn Krone of Denmark, one of the world's most respected

DXers. It is clear that a great amount of work goes into the preparation of this publication.

The heart of the CSL is a country-by-country, station-by-station description of the clandestine stations that are active in each country. Grouped first by continent and then by country, and then by station within the country, the individual station entries contain a variety of information, specifically:

- station name
- address
- organization behind the station
- latest known broadcasting schedule
- location of the transmitter
- languages used in the broadcasts
- a description of the interval signal or signature tune
- text of the station ID
- verification policy
- verification signer
- additional background information

The May 1995 CSL covers 87 stations. The information on each station is displayed in roughly the same way as in the WRTVH. The listings contain both standalone clandestine stations that purport to transmit from, or broadcast to, the country in question, as well as some of the clandestine "programs" that are prepared by political groups and broadcast over licensed shortwave stations like WRMI and WHRI.

The third item in the above list—organization behind the station—contains valuable information about the station's affiliation, i.e. the organization or movement that supports it. The last item—background information on the station—is also very useful. It treats such things as when the station commenced operation, when it has been heard, whether it is jammed, etc.

An important part of the CSL is the introductory information that accompanies many of the country listings and that explains the political history of the country and the various competing political movements, military groups, etc. This is quite valuable, permitting the reader to understand the

background of a country's clandestine broadcasting activity without having to do independent political research. During the past two years this information has been greatly expanded in the CSL. If you want to decipher the clandestine scene in places like Iran, Iraq or Somalia, this is where to do it.

In addition, the CSL contains a list of all clandestines in frequency order, showing times of operation for each station on each channel, plus a separate list of the same data arranged by transmission times. Thus if you have a station on a particular frequency that you think may be a clandestine, you can look up the channel in the frequency listing; and when the urge to chase clandestines hits you, you can look up the time in the "time order" listing and see who is supposed to be operating at that hour.

The CSL is 28 pages long, printed on 8-1/4 x 11-3/4" stock. About the only negative thing I can say about the 1995 edition is that it is printed on red paper that is hard on the eyes.

CSL is available for \$9.25 (cash or check okay) or 10 IRC's from DSWCI, Tavleager 31, DK-2670 Greve, Denmark. The price includes airmail postage. Turnaround on orders is prompt. (Note that Universal Radio, Reynoldsburg, OH sells IRC's at the price of \$10 for a pack of 20 when they have them on hand. This can greatly reduce the cost of making payments in IRC's.)

As always, thanks Jerry for the contribution. If you have come across a resource worth sharing with your fellow NASWA members, please take the time to send a few words in and let us all know about it.

Every now and then a book comes across my desk that sits a bit to the edge of the hobby but may be of use to folks. With that in mind, you may want to look for.

#### **HOW TO BUILD EARTHQUAKE, WEATHER AND SOLAR FLARE MONITORS**

by Gary G. Giusti

290 Pages

\$19.95

Tab Books

Blue Ridge Summit, PA 17294

ISBN 0-07-025209-2

This is one of the more intriguing books I have read in a long time. So much of what we do as radio hobbyists is based upon the condition of the sun and the earth's geomagnetic field, the idea of monitoring such things get my curiosity crawling.

The whole of the book is interesting and there are dozens of projects that are sure to bring a few "A"s along in science classes around the country. But for our purposes I'll stick to the atmospheric stuff. Basically the book's main premise on solar monitoring is the fact that frequencies below 500 kHz remain effective during times of aural conditions and geo-magnetic field disturbances. Utilizing VLF receiving equipment and a few circuits developed within the book, you can keep track of what the sun and earth are doing to effect your listening. If you don't already possess a VLF capable receiver, the book includes several designs, including a great classic vacuum tube circuit that will warm the heart of any "hollow state" devotee. If you happen to be a VLF monitor, the book even includes a chapter on winding antennas and coils for the basement bands that would be useful to any dedicated "Lowfer".

For the general radio monitor, I feel this book has enough interesting information to justify giving it a look. However, if you are a curious person who likes to figure out how the world around them works, the "other" sections of the book on earthquake and weather monitoring will prove equally exciting.

### **Catalog Redux**

After my recent column on catalogs. One company made the point of sending me their latest information because I had not had them on the list.

#### **RAMSEY ELECTRONICS, INC.**

793 Canning Parkway

Victor, NY 14564

1 (800) 446-2295

Leaving these folks from the list was truly an oversight. I've got a Ramsey Kit Frequency Counter that has been cooking along just fine on my workbench for over ten years without missing a digit. They are known for their kits, many of which are applicable to the radio hobby. One of my favorites is a Crystal Radio that uses a real chunk of Galena and a "Cat's Whisker". If you want to experience real radio, this is the only way to go. If you are less daring they have shortwave receiver and converter kits. DXing with something you built is the greatest kick there is. If you are an Amateur Radio person (you should be!!!) they have many great kits including a 20 meter SSB/CW transceiver. For those less than handy with a soldering iron. Many of their projects can be purchased wired and tested.



## Coming Soon to a Neighbor Near You—DX Jammers Courtesy of FCC

As if allowing WWCR to invade the tropical bands wasn't enough, the US Government guardians of the air waves just struck another blow to SWL DXers.

The FCC recently announced that they have waived their own rules to allow GE to begin marketing a new RF light bulb for use in residences. I wrote an article for the NASWA Journal in the Summer of 1992 on an earlier design of RF light bulb. QST published an article on the subject in August 1992. These bulbs contain a small radio transmitter which makes them more efficient than conventional fluorescent bulbs. The RF energy from the transmitter causes a discharge in a gas within the bulb. It's the stray energy from the transmitter that causes the problem.

GE could not meet the FCC's Part 18 rules on RF energy conducted back into the power line from these lamps and so was forced to request the waiver. The lamps do meet the FCC limits for commercial environments and have apparently been used for some time in those environments. The FCC stated they had no record of significant interference problems from such use. The lamps put out interference in the range of 2.2 to 2.8 MHz where the FCC contends radio operations are not normally employed or intended for reception in residential environments. They apparently never heard of the 120 meter tropical broadcast band. That's understandable since WWCR hasn't applied for a frequency there yet. The waiver is good for one year. The FCC reserves the right to revoke the waiver if severe interference

problems result. But by that time the damage will have been done.

US Coast Guard Headquarters, Washington, DC tested these bulbs and found that they do generate plenty of interference in the 2.2-3 MHz band. They asked the FCC (through the NTIA) to place a warning label on the packages to warn people of the interference in that frequency range. They are also asking the International Maritime Organization to prohibit use of these bulbs aboard certain vessels. They found that the harmonic content of these bulbs is attenuated enough so as to not cause problems in the HF band. (This info from Ron, W4VR in a posting to the newsgroup rec.radio.amateur.misc)

The ARRL will run tests on these bulbs when they can get samples. (Ref: ARLB098 10/27/95) I'll report on the results of their tests when they become available.

So if you live in the Rocky Mountain states and rely on WWV on 2.5 MHz for time signals, you had better set your clocks now. If you haven't logged all the 28 stations shown in the WRTH between 2.3 and 2.6 MHz you'd better get on with it. This may be your last DX season to do so.

The full text of the FCC's order is posted on the FCC web site. If you have Internet access you can download the document.

Interference complaints should be directed to the FCC Office of Engineering and Technology. Contact Richard B. Engelman at (202) 776-1626. I don't know if you will get much sympathy from the FCC just

because you can't hear Alice Springs but at least the FCC won't be able to say they didn't get any complaints when the one year review of this decision occurs. If you experience interference from one of these bulbs, do your part to help the SWL hobby by filing a formal complaint.

And now for something completely different.

I often get letters from people asking questions about topics that have been covered in past issues of the Journal. In an attempt to ease the task of finding topics that have already been covered, I am providing this list of previous articles presented in 1993, 1994 and 1995. The topics are arranged in alphabetic order to assist your use. A short abstract of each article is also presented. If you are a new member, you may be able to purchase reprints of articles that interest you. Contact Bill Oliver at the address on the back cover.

*ANTENNA, DOWN TO EARTH, PART 2 1/93* This is the conclusion of a two part article covering how active antennas and on-the-ground antennas can help the urban listener improve the signal to noise ratio of weak signals in the presence of noise.

*ANTENNA, EYRING LOW PROFILE, 2/93* Discusses the design and operational characteristics of this on-the-ground antenna that was used in Operation Desert Shield/Storm. The antenna is available commercially.

*ANTENNA, TURNSTILE 7/93 Part 1.* Describes the use of crossed dipole antennas for reducing fading on high angle of arrival signals through polarization diversity.

*ANTENNA, TURNSTILE 8/93 Part 2.* This second part of two shows practical construction details for a turnstile antenna.

*DXING JUPITER 7/94* Discusses the frequencies and antennas that should be used to monitor the disruptive effects of a comet crashing into the planet Jupiter.

*EXPERIMENT, THE GREAT KULPSVILLE, 4/93* The first of a series of April 1 related

articles. This one examines the relative efficiency of different kinds of living organisms as receiving antennas.

*FADING, REDUCING 3/93* This article examines frequency, spatial, and polarization diversity techniques for reducing the fading of signals that bounce off the ionosphere.

*HERMES LOOP ARRAY 8/94* Discusses the design and operating principles of this commercially available antenna system manufactured in Canada and used at the RCI monitoring station.

*NSA TAPES, USING THE 4/94* The second in a series of April 1-related articles. This one describes the use of old NSA intercept tapes to relive the good old days of SW radio listening.

*POLARIZATION DIVERSITY 9/93* Describes the results of an experiment performed by Granger Associates to measure the fading of Radio Havana Cuba as received in California. The test showed fades on a horizontal antenna were anti-correlated with fades on a vertical antenna. The conclusion is that polarization diversity can provide significant reduction of fading.

*QUESTION TIME 6/93* Answers readers questions related to use of passive antenna tuners, sloper type antennas, dipoles vs. long wires, and interference from nearby broadcast stations.

*QUESTION TIME 6/94* Answers to readers questions related to the relative merits of vertical antennas vs. dipoles for pulling out the weak DX stations.

*RCI MONITORING STATION 2/94* Describes the equipment and antennas in use at the RCI receiving station in Ontario. Includes patterns and physical characteristics of their antennas.

*RECEIVER OVERLOAD 1/94* Discusses the problem of overload in SW receivers caused by nearby broadcasters. Design parameters for construction of a filter to eliminate such interference is included.

**RECEIVERS - WHAT'S BEST? PART 1 6/95**  
Defines Buch's Bang For the Buck (BFB) index for rating receiver performance and price to arrive at a quantitative measure of value. Shows how several portables stack up.

**RECEIVERS - WHAT'S BEST? PART 2 7/95**  
Shows the BFB index for several table-top receivers.

**SHAPE OF THINGS TO COME, THE 4/95**  
The third in our series of April 1 inspired articles. Discusses the implementation of a new DSP technique to design a receiver with an IF bandpass having a shape factor of less than 1.

**SINGLE SIDEBAND, COMPATIBLE 12/93**  
Describes the format of a single sideband signal with carrier and discusses early experiments with this transmission mode.

**WALKING THROUGH YOUR RECEIVER, PART 1 - THE INPUT 9/94**  
Discusses the design of the front end of modern receivers.


**WALKING THROUGH YOUR RECEIVER, PART 2 - THE RF AMPLIFIER 10/94**  
Discusses how the RF amplifier sets the sensitivity of a well designed receiver. Defines noise figure, noise factor, and noise temperature terms. Puts receiver sensitivity in the context of overall receiver performance.

**WALKING THROUGH YOUR RECEIVER, PART 3 - THE FREQUENCY SYNTHESIZER 12/94**  
Examines the design and specifications that apply to the frequency synthesizer of a modern receiver and how those specifications relate to the overall receiver performance.

**WALKING THROUGH YOUR RECEIVER, PART 4 - THE MIXER 1/95**  
Discusses how the mixer combines the signals from the RF amplifier and the local oscillator to produce the IF signal. Shows why modern receivers can have image interference from TV and FM broadcasters.

**WALKING THROUGH YOUR RECEIVER, PART 5 - THE IF AMPLIFIER 2/95**  
Shows how the IF amplifier determines the selectivity of the receiver. Defines and discusses "shape factor" "group delay" and "Q".


**WALKING THROUGH YOUR RECEIVER, PART 6 - THE END 3/95**  
Discusses the WJ HF-1000 approach to digital signal processing, product detectors, synchronous detectors, and audio stages.

I hope you will find this index useful. As this is being written, the DX season is off and running and all indications are that it will be a great one. I hope you are enjoying good conditions. Have a good holiday season and until next year, stay tuned. 

## HARDWARE BITS

by Alan Johnson

**WHEN YOUR R8 NEEDS AN ORTHOPEDIST**—R8 owners are all too familiar with the problem of the somewhat feeble front feet being prone to breaking. My receiver suffered this malady recently, and, upon inquiring of Drake, I learned that there were two options. The first, and the cheapest, is to simply replace the feet. The feet (Part No. 339-0009C) cost \$2.00 each, with shipping and handling (to my QTH at least) of \$4.97(!). The other option is to replace the bottom plate of the receiver with the new R8A bottom plate, to which is attached the new folding metal bail, which, like the R8 feet lift the front edge of the receiver in order to facilitate use. This is a much more expensive option (the bottom plate is Part No. 2050507, and is \$30.00 plus \$7.65 shipping and handling to QTH), but, having opted for it myself, I think it is the right decision, especially if your receiver is moved about very much (such as being taken on DXpeditions). The R8A bottom plate is an exact match for the R8 plate. All you do is unscrew the six screws that hold the old plate, put the new plate in place and reinsert the screws. (The new plate also comes with six new screws.) The bail is a heavy duty arrangement, and it doesn't look to me like there will be any problems with it. Drake accepts Visa, MasterCard and American Express. Send orders to the Parts Department, R. L. Drake Co., 230 Industrial Drive, Franklin, OH 45005, or phone 513-746-6990. Mine arrived in turnaround time. Anybody want to buy an old R8 bottom plate with one broken foot?

Thanks to Jerry Berg of Lexington, MA for providing the above information. 

# Equipment Reviews

Alan Johnson  
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Internet: 76665.1756@compuserve.com

## The AOR AR7030 Receiver

As I mentioned in the November issue of the NASWA Journal, there are rumors afoot concerning a new receiver from the famed British designer John Thorpe, formerly of Lowe. The following is transcribed from the World Wide Web home page of Javiation, a radio distributor/dealer in Britain.

"With the introduction of the all new AOR AR7030 short wave receiver, a new measure of performance, indeed a new benchmark is offered to the discerning and dedicated listener. The new AR7030 is the result of a combined project between AOR and internationally acclaimed UK designer John Thorpe. The AR7030 represents the very latest and best ever "JT" design concentrating on exceptional strong signal handling and bristling with enhanced features and facilities. The AR7030 is being manufactured by AOR Manufacturing LTD in Derbyshire, UK.

### Technical Excellence—Top Of The Class

...the AR7030 stands ahead of the field offering a third order intercept point greater than +35 dBm (preamp off), dynamic range greater than 100 dB in AM mode with a 7 kHz filter and greater than 105 dB in SSB modes with a 2.2 kHz filter. This fantastic strong signal handling is aided by the innovative configuration of a lateral DMOS FET QUAD first mixer running at 15V, relay switching in the front end (not diodes) and the use of shielded inductors throughout in the signal path. All this and great sensitivity, better than 0.5  $\mu$ V for 10 dB S/N in AM mode and better than 0.3  $\mu$ V for 10 dB S/N in SSB. Selectivity too is razor sharp offering greater than 90 dB at 10 kHz SSB and greater than 100 dB at 20 kHz.

### High Tech

The receiver is built around a TCXO frequency standard which provides the reference for all circuitry ensuring the ultimate in stability and optimum alignment. Single loop DDS provides the clean local oscillator reference essential for low reciprocal mixing levels and seamless tuning in approximately 2.7 Hz steps. The receiver is double conversion superheterodyne with intermediate frequencies of 45 MHz and 455 kHz. The I.F. filters are self-aligned by the receiver using advanced microprocessor control ensuring "spot on" alignment and symmetry of passband characteristics essential for serious ECSS listening. The main PCB will accept a number of different filters including Murata and Collins, all will be self-aligned!

Virtually every aspect of the AR7030 will be controllable with the standard REMOTE port, even the twin line outputs may be configured as hi/low, etc. The tape recorder slave relay may be configured to operate from the built-in clock timer or from the squelch control...All modes are fitted as standard: USB, LSB, CW, AM, Synchronous AM, NFM, DATA. The receive coverage is 0-32 MHz—the AR7030 has NOT been disabled below 150 or 30 kHz. The standard fitted I.F. filters include: 2.2 kHz, 4.5 kHz, 7 kHz and 10 kHz with two optional positions available for CW or other filters. Enhanced features include pass band tuning  $\pm 5$  kHz, variable audio pitch tune on CW and data modes and a new "variable bandwidth synchronous detector" for AM listening to eliminate the effects of transmitter/receiver drift as well as reducing distortion with selective fading. The pass band tuning may be used in synchronous AM mode to select synchronous

USB, LSB, DSB or anything in between. A specially developed AGC release characteristic has been developed to ensure SSB quality never before heard. Noise spike compression has also been included to reduce the effects of noise pulses. A built-in six level attenuator provides many levels of sensitivity: +10 dB, 0 dB, -10 dB, -20 dB, -30 dB, and -40 dB. However when considering the excellent strong signal handling of the AR7030 this is going to be a control rarely required!...the built-in top mounted speaker...more than 2 watts of audio; there are even treble and bass controls.

## Infra-Red And Microprocessor Control


A 48 character dot matrix alphanumeric rear illuminated display enables a huge amount of detail to be displayed. Microprocessor facilities include on screen 70 segment S-meter, twin VFO's, frequency readout to 10 Hz, 100 memories which hold frequency, mode, filter, passband shift or squelch status, memory review, menus etc. An assignable control enables you to place the functions YOU want at your fingertips; these include a press button and a spin-wheel. It is also possible to save a few of your "favourite" receiver setups for later retrieval to save you having to continually change parameters when changing from broadcast to data to amateur band listening. A full featured 32 button infra-red remote control is provided

as standard and provides access to virtually all the facilities (except aerial switching) including: Tuning, volume, tone, numeric keypad, memory functions, pass band shift and filter selection.

## Planned Options

- There are provisions on the PCB for 2 additional high performance I.F. filters...a range should be available which will include the legendary Collins mechanical filters.
- VHF Band 2 WFM reception in Stereo.
- Internal rechargeable battery and carry case for portable use.
- Features Kit: replacement "upgrade" microprocessors for specific and extended capabilities including alpha-text named memory channels, extended timer for day, week, year, enhanced features.

Specifications subject to change due to continuous development of the receiver."

If all this is true, it sounds like a very exciting product. This information is from AOR Manufacturing, LTD and was obtained from the Javiation home page on the WWW. No mention was made of expected availability date or projected price. 

**FOR SALE:** NRD-525 receiver in very good condition. Has Universal 4 kHz modification. Includes box and all manuals for \$750.00 plus shipping. For the collector I have a Sony CRF-230 with all manuals in good condition and working. Price \$400.00 plus shipping. Luther Hall, 6160 Hazelwood Avenue, Indianapolis, IN 46208. Phone (317) 253-5686 and leave message.

**WANTED:** 1544 adapter and appropriate cables to use the Drake R-7 with the Drake RV-75 synthesized remote VFO. A schematic diagram of the adapter would also be welcome. Wilder A. Pickard II, 118 Greenleaf Street, Evanston, IL 60202. Phone (708) 328-4513.

# Listener's Notebook

**Al Quaglieri**  
P.O. Box 888  
Albany, NY 12201-0888  
CompuServe: 75122,74  
Internet: alcue@globalone.net

**Chris Lobdell**  
P.O. Box 146  
Stoneham, MA 02180-0146  
CompuServe: 75720,253  
Internet: piradio@usa1.com

**HEY KIDS**, what time is it? Why heck, it's time to take that cash you saved by getting all your kids plastic "Slinkys" for Christmas and buy yourself a darned fine new receiver!

And, as we approach the end of another year, it's time again for me to thank all past and present contributors to this column for their outstanding support. Whether you're among them or not, here's wishing you a '96 full of health, happiness and DX.

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**ALBANIA TWR Monaco** in Polish via Shijak (Durres Fillake) tx replaced 5895 by 5870 kHz at 1600-1630. 100 kW 350 degrees. (Pankov-Bulgaria/28-Oct/Bueschel—Germany/BCDX 192)

6311(nf) **RTV Shqiptar** here at 2010. (Beyvers/DSWCI/Jihad 57.5)

7384.9 **Trans World R.** at 1754 to 1759\*. Fair. (12-Nov/Hill)

**ANGOLA** The only regional station noted was **EP de Benguela** which is irregular on 6153v and 5043. (Johnson—Namibia). 4950.0 **Radio Nacional** 1638 (PP) (12-Nov/Moman/Jihad 60). 7090 **A Voz do Galo Negro** now here (ex 7100) from before 1830 to past 2000 in Portuguese. Usually IDs as "VORGAN," although once was heard to give full ID at 2002. I can't see much justification for continuing to call this one a clandestine. (09-Nov/Hill) [Me neither.—AQ]. 11954.77 **R. Nacional @2026** w/phone-in quiz/chat/music program, xInt (17-Nov/Quaglieri-HATDX)

**ANGUILLA** Stig Hartvig Nielsen of "DX Focus" hears from Paul Hunter of the **Caribbean Beacon** that its new SW transmitter and antenna have been installed, but discrepancies between British authorities have prevented registration of the frequency with the ITU. Hunter expects at least one or two more months before the first test transmissions. Caribbean Beacon, a Christian evangelical radio station based in Anguilla, has until now broadcast only on mediumwave 1610 kHz 200 kW. (AWR Wavescan/05-Nov/Bueschel—Germany/BCDX 193))

**ARGENTINA R. Rivadavia**, 20276, heard over this Argentine feeder at 1141 UTC. Also heard around 2200. Radio America has been heard here in the past. (Berg/NU #1345)

**AUSTRALIA Radio Australia** in English; Frequencies marked "x" carry "Grandstand", a separate sports service at 0100-0630 on Saturday and 0200-0630 on Sunday:

0000-0030	17750 13605 11855
0030-0100	17860 17795 17750 15510 15415 15365 15240 13755 13605 11855 9660 9580
0100-0200	17880x (Sa/Su) 17860 17795 17750 15510 15415 15365x 15245x 13605 9660x 9580x
0200-0400	17880x (Sa/Su only) 17860 17795 17750 17715x 15510 15415 15365x 15245x 13605 9660x 9580x
0400-0500	17880x (Sa/Su only) 17795 17750 17715x (fm 0430 Sa/Su only) 15510- (fm 0430) 15365x 15245x 15240x 13605 11880 9660x 9580x
0500-0530	17880x (Sa/Su only) 17795 17715x (fm 0430) 15415 15365x 15240x 13605 11880 9660x 9580x
0530-0600	17880x (Sa/Su only) 17795 17715x 15415 15365x 15245x 15240x 13605 11880 9580x
0600-0630	17880- (Sa/Su only) 17715x 15530 15510 15415 15365x 15245x 15240x 13605 11880 9660x 9580x
0630-0700	17880 17715x 15530 15510 15415 15365x 15245x 15240 13605 11880 9860 9660x 9580x
0700-0730	21725 17715x 15530 15415 15365x 15245x 15240x 13605 11880 9660x 9580x
0730-0800	21725 17715 15530 15415 9860 9710 9580 6080 6020 5995
0800-0900	21725 17715 15530 9860 9710 9580 6080 6020 5995
0900-1000	21725 13605 9860 9580 9510 7240
1000-1100	21725 13605- (to 1030) 9860 9580 9510- (to 1030) 7240

1100-1200	15530 9860 9615 9580 9560-(fm 1130) 7240-(to 1130)	0600-0630	German	6015-C
1200-1230	15530 9860 9615 9580 9560	0630-0700	English	6015-C
1230-1300	15530 11800 9615 9580 9560 5995	0730-0800	French	17870 15410 13730 6155
1300-1400	11800 9615 9580 9560 5995	0800-0830	German	17870 13730 6155
1400-1430	11800 9615 9580 9560 5995	0830-0900	English	17870 13730 6155
1430-1630	11800 11695 11660 9615 9580 6090 6080 6060 5995	0900-1030	German	17870 13730 6155
1630-1700	11800 11695 11660 9860 9615 9580 6090 6080 6060 5995	1030-1100	German	17870 13730 6155 Su
1700-1900	11880 11695 11660 9860 9615-(to 1800) 9580 7260-(fm 1800) 6090 6060	1030-1100	English	17870 13730 6155 Mo-Sa
1900-2100	11880 11695 11660 9860 9580 7260 6150 6080 6060	1100-1130	German	13730 6155
2100-2130	13745 11880 11695 9860 9660 9645 9580 6080 6060	1130-1200	English	13730
2130-2200	17860 17795 15365 13755 13745 11695 9660 9645 9580	1130-1200	French	6155
2200-2300	17860 17795 15365 13755 13745 11855 11695-(BBCWS) 9580	1200-1300	German	15450 13730 6155 Mo-Sa
2300-2330	17860 17795 15365 13755 13745 11855 11695 9660 9645 9580	1200-1230	German	15450 13730 6155 Su
2330-2400	17860 17795 15365 15240 13755 13745 13605 11855 11695 9850 9660 9580	1230-1300	Esperanto	15450 13730 6155 Su
		1300-1330	German	15450 13730 6155
		1330-1400	English	15450
		1330-1400	Spanish	13730 6155
		1400-1430	German	15450 13730 6155
		1430-1500	English	13730 11780 6155
		1500-1530	German	13730 11780 9665 6155
		1530-1600	Esperanto	13730 11780 9665 6155 Su
		1530-1600	German	13730 11780 9665 6155 Mo-Sa
		1600-1630	German	13730 11780 9665 6155
		1630-1700	German	13730 9665 6155
		1630-1700	English	11780
		1700-1730	German	13730 11780 9665 6155
		1730-1800	French	13730 11780 9665 6155
		1800-1900	German	9665 6155 5945 Mo-Sa
		1800-1830	German	9665 6155 5945 Su
		1830-1900	Arabic	9665 6155 5945 Su
		1900-1930	German	13730 9665 6155 5945
		1930-2000	English	13730 9665 6155 5945
		2000-2030	German	13730 9880 6155 5945
		2030-2100	French	13730 9880 6155 5945
		2100-2130	German	13730 9880 6155 5945
		2130-2200	Spanish	13730 9880 6155 5945
		2200-2230	German	9870 6155 5945
		2230-2300	English	9870 6155 5945
		2300-2330	German	9870
		2330-0000	Spanish	9870

**(BBCM)**

The recently-announced government funding package for the Australia Television international satellite service will take six million dollars away from *Radio Australia's* transmission budget. To meet this shortfall, RA's shortwave transmitter site at Carnarvon may be closed. Were Carnarvon were to close, Radio Australia would lose around 56 per cent of its transmitting capability into Asia. The Darwin site would need extensive low-band reworking to put signals into Indonesia. (02-Nov/RN Media Network/BBCM)

**AUSTRIA** Here's the latest *ORF* sked (frequencies marked "C" are relayed via Canada):

0000-0030	German	13730 9870 9655
0030-0100	French	9655
0030-0100	Spanish	13730 9870
0100-0130	German	13730 9870 9655
0130-0200	English	9655
0130-0200	Spanish	13730 9870
0200-0230	German	13730 9870 9655
0230-0300	English	13730 9870 9655
0300-0330	German	9870
0330-0400	Spanish	9870
0400-0500	German	13730 6155 Mo-Sa
0400-0430	German	13730 6155 Su
0430-0500	Esperanto	13730 6155 Su
0500-0530	German	17870 15410 13730 6155 Mo-Sa
0500-0530	German	6015-C
0505-0530	Arabic	17870 15410 13730 6155 Su
0530-0600	English	13730 6155 6015-C
0600-0730	German	17870 15410 13730 6155

**(BBCM)**

**BELGIUM** *Radio Vlaanderen Internationaal* in English:

0030-0055	9925 5900
0730-0755	9925 5985
1000-1025	17595 15510 6035 Mo-Sa
1330-1355	13670 Su
1400-1425	13670 Mo-Sa
1900-1925	9925 5910
2200-2225	7250 5910

**(BBCM)**

**BOLIVIA**

- 4549.4 *R. Tropicó* 2250 SP M ancw w/ SA mx and ID (16-Nov/HATDX)  
 4599.4 *R. Emisoras Villamontes* at 0140-0156 with basketball match and advs. (Cornachioni—Argentina/DSWCI)

- 4649 **R. Santa Ana** 2243 latin mx, ballads, ads, poss nx @2240. fair (16Nov/Kohlrenner-HATDX)
- 4682 **Radio Paititi** 1009-1034 10/19 Mix of various Andean mx styles & romantic ballads, w/M anmts & greetings after each song or two. ID as "Radio Paititi, una emisora del hogar." Poor, but best ever heard here. (Moore/Jihad 56)
- 4702.26 **R. Eco San Borja** (tent.), 2350-0021, strong signal but weak modulation. (22Oct/Valko/Jihad 57.5)
- 4875 **R. La Cruz del Sur** 0027 Indian language, 0034 canned ID, then off. (Johnson Nov 10)
- 4928.85v **R. San Miguel**, Riberalta @1013 mellow pops, into rel pgm "La Palabra" @1015, drifting downward. fair (19-Nov/Quaglieri-HATDX)
- 6557 **R. Television Colonia** weekdays 2100\*, weekends 0042\* (Len/DSWCI/Jihad 57.5)
- 9625 **R. Fides** blasting in @1050 (31-Oct/Trummel)

**BRAZIL** 4944.87, Unid. 2201-2208\*. Just caught end of anmnt by M in PT w/ment of Brazil, then long slow rel.-like song, abt a min. of dead air, and plug pulled. Which one?? (15-Nov/Valko/Jihad 60)

**Radio Nacional da Amazonia** 6180 signing on at new 0700 (Sa/Su @0800) (18-Nov/Schotmans—Belgium)

**R. Nacional:** With Swiss Radio International apparently abandoning it's relay via Brasilia, both 6180 and 11780 now continue with the Amazonian Service until 0100\*. The external service has added a Spanish transmission at 1330 on 15445 and the relays of Beijing are now on 9665 (0100-0200) and 11765 (0300-0400). The 31 mb relay is co-channel with **Radio Universo**, recently reactivated and seemingly 24 hours. (Jones—Paraguay/NU #1343)

**BURUNDI** **R. Burundi** 6.140.1 @ 0400 This one is very intermittent. QRM de 6145 overwhelms them until about 0359\* when RB becomes quite readable. (24-Oct/Rippel/Jihad 60)

**CANADA** English language services from **CBC** and **RCI**:

- 0000-0030 English-CBC 11940 9535 6040 Tu-Sa  
 0000-0100 English-CBC 9755 5960  
 0200-0300 English-RCI 11725 9755 9535 6010 5905  
 0300-0400 English-CBC 9755 6010 Su/Mo  
 0300-0330 English-RCI 9755 6010 Tu-Sa  
 0400-0430 English-RCI 9645u 9505m 6150s  
 0600-0630 English-RCI 11905u 9760 9740u 6150 6050u Mo-Fr  
 1230-1300 English-RCI 11730y 6150y  
 1300-1400 English-CBC 11955 9635  
 1330-1400 English-RCI 9535x 6150x

- 1400-1700 English-CBC 11955 9640 Su  
 1400-1500 English-CBC 11955 9640 Mo-Fr  
 1430-1500 English-RCI 15325s 11935u 11915s 9555u  
 1630-1700 English-RCI 9550x 7150x  
 1745-1800 English-RCI 17820 15325 11935 9555u 5995u Mo-Fr  
 2100-2200 English-RCI 17820 15150 13690 13650 11945 9805 7260u 5995u 5925  
 2200-2230 English-CBC 13690 11945 11705y 9805 7260u 5995u  
 2300-2330 English-CBC 11940 9755 9535 6040 5960  
 2330-0000 English-CBC 9755 5960 Mo-Fr  
 2330-0000 English-CBC 11940 9755 9535 6040 5960 Sa/Su

c=Cape Greco (Cyprus); k=Kimjae (South Korea); m=Moosbrunn (Austria); s=Sines (Portugal); u=Skelton (UK); w=Wertachtal (Germany); x=Xian (China); y=Yamata (Japan). Unmarked frequencies originate from Sackville. (BBCM)

**CHAD RNT** noted on 6165 @1935 in FF, W ID, nx, pop mx, fair (17-Nov/Germanotta-HATDX)

**CHILE** 6080.2 **R. Patagonia Chilena** 0045 SS pops until 0059, killed by Deutsche Welle \*0100 on 6085. (10Nov/Johnson/Jihad 60)

**CHINA** **China Radio International** in English:

- 0000-0100 9710(M) and 11715(M)  
 0000-0100 0300-0400 on 9710(M) and 11715(M)  
 0300-0400 9690(E), 9710(M) and 11715(M)  
 0400-0500 9730(G)  
 0400-0500 9730(G)  
 0500-0600 9560(C)  
 0500-0600 9560(C)  
 0900-1100 11755 15440  
 1200-1300 11795 15440  
 1200-1400 9715 11660  
 1300-1400 15440  
 1400-1600 7405 9785 11815  
 1400-1600 7405  
 1600-1700 11575 15110(M) 15130(M)  
 1700-1800 7405 9535 and 11575  
 1900-2000 6955 9440  
 2000-2100 9440 11715(M) 15110(M)  
 2000-2130 11715(M) 15110(M)  
 2000-2200 6950 9920  
 2200-2230 3985(S)  
 2200-2300 7170(R)

(C) = Relay from Canada, (E) = Relay from Spain, (G) = Relay from French Guyana, (M) = Relay from Mali, (R) = Relay from Russia, (S) = Relay from Switzerland. (Direct/07-Nov/BDXC/Nieuwenhuis—Neth.)

**Nei Monggol PBS**, Hohhot (t)—7107.4—1215— I'm sure this is the station here, bits of audio at times, W Ancr in Chinese, Regional Music, Poor w/

ham QRM & slop fm 7105, Listed @ 15kW. (07-Nov/Trummel)

**CHINA VIA WHERE?** 6150 *China R. Int'l* 2030 IS and into presumed Bulgarian as per sked, fighting Kenya and two or three others on the channel. Telephone-quality audio and about half a second behind 7385. The latter is in China, but where is the unlisted relay on 6150 located? (16-Nov/Hill)

**CIS Radio Palana**, Koriakskii Nazionalni Okrug, Russian Far East, in Russian & Koryak local programs, Sun-Thur 2000-2030, Mon-Fri 0720-0800 on 4520 (VO Russia DX Club/28-Oct/Bueschel—Germany/BCDX 192)

**Radio Irkutsk** is using 4825, 7140, 7200, 7345 kHz. Radio Magadan on 7320 & 9530 kHz. (VO Russia DX Club/28-Oct/Bueschel—Germany/BCDX 192)

**Radio Samorodenko** Moscow is using 0,013 kW on 3923.5 kHz, Sats only from 2100 UTC. QSL from Lev Shishkin, Box 898, Moscow 10100, Russia. (RCI DX Club in Russian/Pankov—Bulgaria/28-Oct/Bueschel—Germany/BCDX 192)

**Radio Alpha & Omega** via Yekaterinburg: 1500-1600 on 7230. (Rudnev—Russia)

**Special News for Polar Regions** sched for W95: 1500-1530 on 6025, 6190 and 7255 (first two Novosibirsk for the Arctic, last via Samara for the Antarctic), all on Tuesdays and Thursdays only. (Rudnev—Russia)

The unidentified relays of Russian stations on single sideband shortwave transmitters continue to be heard. Earlier in October it was reported by a professional monitor in Russia that these relays were emanating from transmitters in Minsk, Belarus. Among the stations being relayed have been Mayak radio and the commercial station **Radio ROKS**. The relays of the latter station have been in parallel with its output on 103.0 MHz VHF/FM in Moscow. The relays are now being heard 24 hours a day as follows: 0000-0500 on 2372U and 3392U 0500-1600 on 4852U and 5044U 1600-0000 on 2372U and 3392U (Makelainen/Jihad DX/BBCMS/19Nov/Bueschel—Germany/BCDX 197)

In response to last month's LN "unknown xmtr site: (**R. Tikhii Okean**, 10344U) comes a note from the "International Radio Intelligence Group" in Issaquah, WA, signed by Douglas W. Johnson: "The QTH for 10344 kHz USB is likely in Irkutsk at the domestic relay site on the grounds of the Irkutsk Polytechnic institute or possibly at the nearby Angarsk foreign service relay site." Thanks, whoever you guys are...—AQ

3392 **Radio Roks** at 0115+ with continuous EE pop oldies until very muffled anmts in unid lang by W at 0155-56 and further pops to 0200 when another

equally garbled anmt and same music format again at 0201+. Good signal on Euro Beverage. ID per Mike Makelainen in Finland who says this was ID'd a week prior at 0500\* He says that daytime freqs include 4852 and 5044 USB and transmitters are situated at various CIS locations although this could be from Belarus since some programming apparently originates from Miensk. (Burnell/Clark Newfoundland Dxpediton/14-Oct/Jihad 57)

The **Voice of Armenia**, Yerevan has been noted with English on new schedule at 2140-2200 on 7480 and 9965 kHz. (Bruckner—Germany, Seager—Australia & Southwell—UK/DSWCI) 7479.9 **R. Yerevan**, from 1839 with man talking; very little readable till 1900, when chimes IS and into Arabic. IDs at 1958 and 2000 in Arabic, then ID in Armenian and continued in that language. Weak at first, then building to solid level by 2000. // 4990 faintly audible by then as well; 4810 covered by ute. (12-Nov/Hill) German religious program via **R. Intercontinental** Yerevan replaced 15275 by 11805 kHz, observed here at 1900-1930. Also observed at 1800 in Armenian, 1830-1900 in German. (Pennington/BDXC Communication/05-Nov/Bueschel—Germany/BCDX 193)

**Belaruskaje Radio**, Hrodna, 7140 noted @0935, fade out 1005. (19-Nov/Buch/HATDX)

5040 **Georgian Radio** 1846 Presumably this one with man and woman talking; uncertain of language, as signal was weak with sharp fades, and audio was blurred and distorted and also had a strange intermittent hum. (Other than these minor drawbacks, reception was perfect.) Speech pattern did have that unmistakable exUSSR "feel," though. Past 1900 with no break; gone when rechecked around 2015 (16-Nov/Hill)

**Radio Alma Ata**, Almaty, Kazakhstan heard at 0630-0700 in English on 9560 kHz. (11-Nov/RVI Radio World/Van Oudheusden—Neth./Nieuwenhuis—Belgium/BDXC)

**Radio Moldova International**, per their printed sked; all Mo-Fr only:

0230-0255	Spanish	9400
0300-0325	Romanian	7500
0330-0355	English	7500
0400-0425	Russian	6135
0430-0455	English	7500
1200-1225	Spanish	15315
1230-1255	Romanian	9400
1930-1955	Russian	9400
2000-2025	French	7500
2030-2055	Spanish	7500
2100-2125	French	7500
2130-2155	Spanish	7500
2200-2225	English	7500
2300-2325	English	7500

(BBCM)

**Radio Dnestr International** sked, compiled from monitoring observations:

1500-1530	Russian	7520
1730-1900	Romanian	6205 Tu
2130-2200	German	6205 Su/Tu
2130-2200	English	6205 Mo/We/Th
2200-2230	English	6205 Su

(BBCM)

4965 **R. Netherlands** relay via Tadzkhikistan, \*2127, OC as early as 2118, tones, dead air, then start of IS at 2127, W anncr at 2128 w/prob. ID. Fair strength but weak modulation. (28-Oct/Valko) Noted @2241, RN relay in SE Asian Lang (17-Nov/Buch-HATDX)

**Turkmen Radio** 5015 @2035 Only AA mx on 60 meters. Fair at this time, but better by 2200. (17-Nov/ZellerHATDX)

Latest sked for **Radio Ukraine** in English to North America and Europe:

0100-0200	5915 6010 6055 7205
0400-0500	5915 6010 6020 6055 7205
2200-2300	4795 4820 5905 5940 6010 6020 6055 6080 6130 7135 7205 7240 9620

(Olm—Sweden/Sennitt—Neth.) **Radio Ukraine**, 4795, IS several times at 2100 and into news in German read by a female. Fair signal here and on 4820. Neither WRTH or PWBR lists 4795 as a Ukrainian frequency, so possibly a relay? (04-Nov/Hill)

6240 **Ukrainian R.** 1935 ew freq noted Nov. 18 in Ukrainian // 4820, 4795 and no doubt many others. Another new freq is 10005, heard a couple of weeks ago around 1745 in Ukrainian. (Hill) 10005 unidentified site \*1200, is 3rd-order IM product of 9870 and 9735. off @2114\* (17-Nov/Buch-HATDX)

**Uzbek Radio** 4850 (p) @0230 M pres nx to 0235, then vy chant/drum mx to 0257, pause, 2xIS, M prob ID, nx. 343 (17-Nov/Quaglieri-HATDX). 5035 **Uzbek R.** 1952 In German by woman, very good; // 5060 (good) and 9540 (fair). Either Bangui was completely covered or it's off the air, at least during this time period. (18Nov/Hill)

**CLANDESTINE—AFRICA** 6711(nf) **Radio Mogadishu**, Voice of the Somali Pacification has ten minute English news at 1830; 1900\* and is USB plus carrier. (Johnson -Zimbabwe/Jihad 57.5)

6822 **Radio Mogadishu**, Voice of the Somali Republic was noted as early as with 1800 sign off. Only noted programming in Somali with Quran at 1757. (Johnson—Zimbabwe/Jihad 57.5)

6870 **Radio Mogadishu**, Voice of the Masses of the Somali Republic uses USB plus carrier but has a very distorted audio. This station carries English news at 2000-2005; 2100\* (Johnson—Zimbabwe/Jihad 57.5)

**Radio Free Somalia** according to a QSL, their current sked is: 1000-1200 (or 1215) on 7215 and 1600-1700 or 1715 on 3920. (Korinek/Play Dx/Jihad 57.5)

**CLANDESTINE—LATIN AMERICA** Info on **LV de Chiapas Libre**: I received yet another press release from Jay Murley, the shadowy mail drop operator for this alleged clandestine. Murley says that "the station complete with an old Hallicrafters S-38 rx took a direct mortar hit from Mexican federal fire in a skirmish in northeastern Chiapas this summer, while in standby use for military traffic. Prior to returning to the air, it will have to be fully reequipped. The ratio of military to pirate traffic has not been to hobbyist satisfaction since the Federal ground campaigns of the winter and spring, when military needs preempted use" Murley has yet another description of his drop results: "only seven North Americans and one German Tourist (who picked it up in San Cristobal de Las Casa on a Grundig portable) reported reception of Chiapas Libre accurately. The distance record was by a NYC man vacationing in Key West, Florida. The three final reports all featured military content rather than propaganda in programming.. Though Chiapas Libre tried both the fringes of the ham 80 and 160 meter bands, it aired largely on the 39 meter edges of the ham's 40 meter band." This is as close as Murley has ever come to log details, which he still has not provided despite polite requests. It looks like the station is off, assuming it ever signed on. I still have not seen a bona fide log of it. (Zeller/NU #1342)

**CLANDESTINE—MIDEAST "Denge Medya"** ("Voice of the Medes"), a new Kurdish clandestine, sked 0800-1100 and 1300-1600 9855, 11985 and 15255 via Russian xmtrs. (Greenaway/Jihad 57.5) 1259 tones, 1300 5+1 pips then gong IS three times. Kurdish national anthem and then ID by man and music. (28-Oct/Johnson)

A new station, **Voice of the Palestinian Islamic Revolution** (Arabic: *Sawt al-Filistin, Sawt al-Thawrah al-Islamiyah al-Filistiniyah*) broadcasts from Iran from 0400-0430 on 9670 and 5995 kHz, and again from 1900-1930 on 15230 and 7230 kHz; all programs in Arabic. (BBCM) 5995 @0408, **VO the Palestinian Islamic Revolution**; brief chant, then M ID "Huna...Islamiyyah..Palestiniyyah", bit of widescreen mdx, then into long tlc. James Bond theme used later on, Netherlands clobbered @0428. Via Iran, per BBCM. Supposed //9670 not noted. (18-Nov/Quaglieri & Germanotta-HATDX)

**COSTA RICA** Hauser's *World Of Radio* sked via **RFPI**:

Tu	1900	9400U 15050 15050
We	0300	7385 9400U
We	1000	7385 9400U
Fr	2000	9400U 15050

Sa 0400 7385 9400U  
 Sa 1100 7385 9400U  
 Sa 1800 9400U 15050  
 Su 0200 7385 9400U  
 Su 0900 7385 9400U  
 Su 2300 7385 9400U 15050  
 Mo 0700 7385 9400U  
 (29-Oct/Direct)

**CROATIA** 5894.9 *Croatian R.* 1952 Local song and Serbo-Croatian chatter // 7370; both moderate level, with low het on 7370. (16-Nov/Hill). 7369.93 in EE w/nx @0505; good (17-Nov/Williams-HATDX)

**ECUADOR** 4019.94 *R. Carrousel* (p), 1044-1107, almost complete f/out by 1107 (08-Nov/Valko)

4770.02 *R. Centinela del Sur*, 1116-1130, almost gone by 1135 (15-Nov/Valko)

**EGYPT** 6119.7 *R. Cairo* 1829 Familiar news theme, s/on in Russian and into news; weak/fair with severe QRM from Finland 300 Hz higher. This freq and transmission are listed in PWBR but not in WRTH. (16-Nov/Hill)

**ERITREA** 7020 *VO Broad Masses of Eritrea* (p) @0340 in VN; poor, CW QRM (17-Nov/Buch-HATDX)

**ETHIOPIA** 6210 *R. Fana* sked is 0330-0430 in Oromic, 0430-0530 in Amharic; 1530-1630 Oromo, 1630-1730 Amharic; also on at 0900-1030, all on 6210 and 1080 MW (20-Nov/Berg)

9705.2v *R. Ethiopia* 1912 Tenor-voiced man in Amharic, probably news; into local song at 1920. Decent carrier but low audio here and on // 7110.1. Down slightly to 9705.1 next day. (18-Nov/Hill)

*Voice of Peace* from Ethiopia to Somalia is not a clandestine operation. It's a UN funded humanitarian station which has been given airtime by (or hires it from) Radio Ethiopia. (Greenway) Relisted per above here rather than under clanfestines. (Johnson/Jihad 57.5)

**FINLAND** Kindly ignore that mess I printed in last month's LN. Here is the complete sked of *R. Finland*:

0400-0420	Finnish	6030
0420-0430	Swedish	6030
0430-0500	Russian	6030
0500-0530	Finnish	11755 9635 6120 6015
0530-0600	Finnish	11755 9635 6015
0530-0600	Swedish	6120
0600-0620	Finnish	6120 6015
0620-0630	Swedish	6120 6015
0630-0645	German	6120
0645-0700	French	6120
0700-0730	Finnish	11755 9560 6120
0730-0740	Swedish	11755 9560 6120

0740-0800	Finnish	11755 9560 6120
0800-0820	Finnish	15330 11755 9760 6120
0820-0930	Finnish	11755 6120
0820-0830	Swedish	15330 9760
0930-1000	Finnish	6120
0930-1000	Russian	11755
1000-1020	Finnish	13770 11805
1000-1015	Finnish	11755
1000-1200	Swedish	6120
1015-1030	French	11755
1020-1030	Swedish	13770 11805
1030-1100	German	11755
1100-1120	Finnish	17825 15240
1100-1200	Finnish	11755
1120-1130	Swedish	17825 15240
1200-1300	Finnish	11755 6120
1200-1230	Finnish	15400 11735
1230-1300	English	15400 11735
1300-1330	Finnish	15400 11735
1300-1415	Swedish	11755 6120
1330-1400	English	15400 11735
1400-1420	Finnish	15240 11805
1415-1430	Finnish	11755 6180
1415-1430	Swedish	6120
1420-1430	Swedish	15240 11805
1430-1500	Finnish	11755
1430-1500	Swedish	6180 6120
1500-1530	Finnish	11755 6180
1500-1515	Swedish	13645 11785
1500-1530	Swedish	6120
1515-1600	Finnish	13645 11785
1530-1600	Finnish	6180
1530-1600	Swedish	11755 6120
1600-1700	Finnish	11880 11755 9680 6180
1600-1700	Swedish	6120
1700-1715	Finnish	11755 9730 6120
1715-1730	Swedish	11755 9730 6120
1730-1830	Finnish	11755 9730
1830-1900	Finnish	11755
2030-2100	German	11755 6120
2100-2115	Swedish	11755 6120
2115-2130	French	11755 6120
2130-2200	English	6120

(BBCM)

**FRANCE** *Radio France Internationale* in English:

1200-1300	15530 15325 15195 15155 13625 11615 11600 9805
1400-1500	17560 12030 7110
1600-1700	15530 15210 12015 11700 11615 9485 6175
1700-1730	11615 9485

(BBCM)

**GABON** 4777 *R. TV Gabonaise* seems to be off the air, at least during the afternoon (EST) ghetto in which I currently dwell. (Hill) [I noted a carrier and traces of vly weak modulation afternoons on the Hatteras DX-pedition, which I doubt was Jakarta.—AQ]

**GUYANA** Despite reports in DX publications that **GBC 5950** is actually still active but using a car's whip antenna or whatever, comes this from **HCBJ**: "We faxed the Guyana Broadcasting Corporation in Georgetown and got this reply from Mr S.H.S. Goodman [Chief Engineer of GBC], and he says:

"I must let you know that our station is off the air but it is anticipated that we should be back on the air after the installation of transmitters and antenna systems some time in January 1996. The frequency will be 3290 and 5950 kHz. Transmitter output power will be 10 kW." (08-Nov/Latest Catch—HCBJ/BBCM)

**HONDURAS** *Radio Copan International* made its final transmission on 15675 kHz on October 31st. WRMI will take over the relay of stations formerly aired over RCL. I spoke with Jeff White who said that Copan will probably return sometime around the first of the year in either the 31 or 43 meter band. (Mama DX Ondrechen/Jihad Dx #57)

**INDIA AIR** schedule changes: 1135-1140 in English now on 9595 kHz (ex 9695), 1530-1545 in English, 1745-1945 (GOS) and 2045-2230 (GOS) now on 7410 kHz (ex 7412) (DSWCI/14-Nov/Nieuwenhuis/BDXC)

- 3223 **AIR Shimla** fair at 0050 w/sub-continental vocals. Transmitter is now upgraded to 50 kW. Noted in passing during quick 60/90 AIR bandscan after 0040\* of 1566-Nagpur. (Clark Newfoundland DXpedition/Jihad 57)
- 3250 **AIR Lucknow** here, off assigned 3250. (November/Clark/ODXA World Radio Report)
- 3390 **AIR Gangtok** (p) (representing Sikkim, being a very rare radio country) was heard from 0050 across 0100 until fade amid severe ute QRM with sub-continental vocals to talk at 0100 on Oct 14th from the Cappahayden, Newfoundland DXpedition site by Jean Burnell and myself. Apparently it has seldom been on the air in recent months. (November/Clark/ODXA World Radio Report)
- 4750 **UNID AIR** outlet has been heard signing off here at 1700; perhaps this is AIR Leh drifting from 4760. (November/Clark/ODXA World Radio Report)
- 4824v **AIR Calcutta** drifting off assigned 4820. (November/Clark/ODXA World Radio Report)
- 4850 **AIR Kohima** @0106, subcont. mx, chimes/IS @0130 w/ID, into nx by M. fair. (18Nov/Germanotta-HATDX)
- 4990 **AIR Madras** 0012 local string music, vocals, announcer, ID @ 044\* 222 (17 Nov/Cones-HATDX)

- 5010 **AIR Thiruvananthapuram** 0055 Indian mx, ID @0058 "Ashkavani Thiruvananthapuram," back to mx, into nx @0101. fair (17-Nov/Kohlbrener-HATDX)
- 5990 **AIR Bhopal** reactive until 0200\*. (07-Nov/Althaus & Passmann—Germany)
- 7250 I am hearing All India Radio on 7250 at 0129 with Interval Signal. PWBR nor WRTH 95 show them using this frequency at this time. Does anyone have site info on this one? (18Nov/MacGibbon). **AIR-Panaji, Goa, 7250**, initially fair at 0135 tune in with subcontinental vocals and into presumed Nepali talk by male. Pretty much gone by 0150. (27-Oct/Clark/Jihad 57). S/on at 0128 with IS and ID as "Neh All India Radio, Ashkavani Panaji." (15-Oct/Rausch/NU 1343) AIR Panaji (Goa) 0128 music and talks, ID @0148. 222 (17 Nov/Cones-HATDX)

Some additional regional AIR transmitters have been upgraded to 50 kW: **AIR Ranchi** from 2 kW and **AIR Kurseong** from 20 kW. The transmitters at Itanagar (50 kW) and Gangtok-Sikkim (10 kW) have not yet been commissioned and thus are still testing on an irregular basis. (November/Clark/ODXA World Radio Report)

## INDONESIA

- 3214.8 **RRI Manado** with new schedule 9 Oct till sign off at 1559. (Veldhuis—Neth., Elbe—Germany and Schulze—Philippines/DSWCI)
- 3222.9 **RRI Mataram**, Nusa Tenggara, Indo (t): 1201 Excited talks by M ment Indonesia. (17-Nov/Rippel-HATDX)
- 3266-3270v **RRI Bandung** in Bahasa Indonesia at 1210 in parallel with 3204.4 kHz. (Werdin—Indonesia/DSWCI)
- 3304.77 **RRI Dili**, Timur-Timor: Indo; @1132 w/long song till 1158 then local ID by M, SCI, into Jakarta news. Peaked nicely about 1145. Faded by 1213. (18-Nov/Rippel-HATDX)
- 3325 **RRI Palangkaraya** 1155 w/bits of mx peeping through. SCI at 1159 to 1200 nx. very poor (26-Oct/McVicar—Ecuador/Jihad 57)
- 3536.4 **RRI Palu** has moved here from 3448.5. Heard 15 Oct at 1105-1118 in Bahasa Indonesia, ID, choir. (Schulze—Philippines/DSWCI).
- 3905 **RRI Merauke**, 1125-1218\* Even better than Ujung Pandang or 9680 Jakarta. (11Nov/Valko)
- 4753.1 **RRI Ujung Padang** @2148 Indopops, brief River Kwai theme, M/W tlc, SCI @2159, W ID, into prob Jakarta nx. fair (16-Nov/Kohlbrener-HATDX)

4777.1	<b>RRJ Jakarta</b> Program Nacional 1317 // 9680 with traditional music. I believe this is a recent reactivation. Nothing on 9525. (12-Nov/Johnson/Jihad 60)	1400-1420 Albanian 7275 5990 1400-1430 Italian 17780 15245 1420-1435 Slovenian 7275 5990 1435-1455 Croatian 7275 5990 1455-1455 German 7290 6040 1500-1530 Italian 7290 5990 1500-1520 Turkish 9615 7235 1520-1540 Greek 9615 7235 1535-1600 French 9755 7290 5990 1540-1600 Bulgarian 9615 7235 1600-1625 Italian 9755 7290 5990 1605-1625 Russian 9710 7235 1630-1655 Arabic 17870 15310 11745 1630-1655 French 9710 7235 1700-1800 Italian 17870 15320A 15230 11840 9710 7235 9710 6035 9755 7275 5990 9710 6035 17780 15245 9710 6035 7130 5990 15340 11800 9710 7235 6030 7110 5990 7235 6030 Su/Tu/Th 7235 6030 Mo/We/Fr 7235 6030 Sa 7235 6035 9710 7110 5990 15250 11740 9710 7235 5990
4874.6	<b>RRJ Sorong</b> , Irian Java; RRI ID @1330 by M. held till 13:58*; first time I've ever heard a 60m Indo sign off. (18-Nov/Rippel-HATDX)	1805-1825 Czech 9710 6035 1805-1825 German 9755 7275 5990 1825-1845 Slovak 9710 6035 1830-1905 Italian 17780 15245 1845-1905 Polish 9710 6035 1910-1930 Serbian 7130 5990 1910-1930 Somali 15340 11800 9710 1935-1955 English 7235 6030 1935-1955 Hungarian 7110 5990 2000-2020 Danish 7235 6030 Su/Tu/Th 2000-2020 Swedish 7235 6030 Mo/We/Fr 2000-2020 Esperanto 7235 6030 Sa 2025-2045 Arabic 7235 6035 2025-2045 English 9710 7110 5990 2050-2110 Portuguese 15250 11740 9710 7235 5990
4925	<b>RRJ Jambi</b> ; 2256 w/pop mx, W at 2259, SCI at 2259:20 and RRI ID and nx at 2300.(25-Oct/McVicar—Ecuador/Jihad 57)	2110-2130 Spanish 7235 5990 2115-2135 Romanian 7110 6015 2135-2155 Arabic 7235 5990 2135-2155 Czech 7110 6015 2155-2210 Slovak 7110 6015 2200-2225 English 11815 9710 5990 2210-2225 Polish 7110 6015 2230-0050 Italian 11880 11800 9645 9575 6005
5059.15	<b>RRJ Yogyakarta</b> , Jawa @1220; ME sounding W vocals and talks by M. (18-Nov/RippelHATDX)	
6069.83	<b>RRJ Jayapura</b> , 1210, End of Jakarta nx relay, W briefly mentioning that was the Jakarta nx, then M w/ID. No Canadian QRM on 310 degree antenna. (04-Nov/Valko)	
6152.85	RRI Tual (?), 1201-1220 weak w/decent audio (11-Nov/Valko). 6152.9 <b>RRJ Biak</b> is probably the station here rather than previously reported RRI Tual. Probable 1400*. (Foster/OZDX/Johnson/Jihad 60)	
9525	<b>Voice of Indonesia</b> ; 1200 with Indonesian music, "Suara Indonesia" ID, shortened new version of SCI. Good. No longer parallel 9680 kHz. (13-Oct/McVicar—Ecuador/Bueschel—Germany)	

**ISRAEL** English from *Kol Israel*:

0500-0515 5895 17545  
2000-2030 7415 7465 9845 9435 13750  
(Daniel Rosenzweig)

**ITALY** Here's the complete **RAI** (*Radio Roma*) sked:

0050-0110	English	11800 9645 6005
0050-0110	Spanish	11880 9575
0110-0125	French	11800 9645 6005
0110-0125	Portuguese	11880 9575
0130-0305	Italian	11880 11800 9645 9575 6005
0130-0230	Italian	11765A 6110A
0305-0325	Spanish	11880 11800 9645 9575 6005
0330-0345	Russian	9575 7270 6020 5975
0350-0410	Ukrainian	9575 7275 5975
0415-0435	Amharic	11800 9670
0415-0425	Italian	7275 5990
0425-0440	English	7275 5990
0435-0510	Italian	11800 9670
0445-0505	Lithuanian	7270 5975
0510-0530	Romanian	7270 6125
0510-0530	Somali	11800 9670
0535-0555	Arabic	11800 9645
0535-0555	Russian	7270 5975
1000-1100	Italian	11925S
1345-1700	Italian	21710 21535 21520 17780 9855 Su

A=via BBC Ascension, S=via BBC Singapore (BBCM)

**IRRS** heard on 3985 @0702 w/UN Radio in EE, M ID @0730. fair w/ham SS (!) QRM (19-Nov/Quaglieri-HATDX). On 7125 noted w/UN Radio pgm @0900, into FF@0930. Bad het from 7125.7 (19-Nov/Buch/HATDX)

Kevin Trummel sends this list of Italian private & pirate stations:

3925v	1800-2300v R. <b>Mariquita</b> Wkends
3950	2100-2300 <b>IRRS</b> , Milano Fr/Sa/Su
3985	0600-0830 <b>IRRS</b> , Milano
3985	1530-2100 <b>IRRS</b> , Milano
6012	0000-2400 <b>Tele R. Stereo</b>
6230	1730-1800 <b>ECR</b> , Ravenna Su/Fr
6230	1930-2000 <b>ECR</b> , Ravenna Su/Fr

6230	2000-2030	<i>ECR</i> , Ravenna Su/Fr		3970U	2000-0030	<i>NHK Nagoya</i> .3 JOCK 729 Nagoya 1
7140.7	0700-1500	<i>R. Italia Int.</i>		3970U	0400-1300	<i>NHK Nagoya</i> .3 JOCK 729 Nagoya 1
7115	Planned	<i>R. Milano</i>		3970	0600-1100	<i>NHK Matsuyama</i> .6 JOZK 963 Matsuyama 1
7125	0830-1530	<i>IRRS</i> , Milano		5428U	2000-0300	<i>NHK Mihara</i> .3 JOBB 828 Osaka 2
7230	0800-0900	<i>AWR</i> , Forli/Arabic		5428U	0500-0730	<i>NHK Mihara</i> .3 JOBB 828 Osaka 2
7230	0900-1000	<i>AWR</i> , Forli/German		6005	0400-1230	<i>NHK Ebetsu</i> .6 JOIK 567 Sapporo 1
7230	1000-1100	<i>AWR</i> , Forli/Arabic		6005	2030-0030	<i>NHK Ebetsu</i> .6 JOIK 567 Sapporo 1
7230	1100-1200	<i>AWR</i> , Forli/Italian		6130U	0100-0330	<i>NHK Nagoya</i> .6 JOCK 729 Nagoya 1
7230	1200-1300	<i>AWR</i> , Forli/German		6133.8U	2000-0400	<i>NHK Kasuga</i> .6 JOLK 612 Fukuoka 1
7230	1300-1400	<i>AWR</i> , Forli/French		6170U	2030-0030	<i>NHK Shobukuki</i> .9 JOAK 594 Tokyo 1
7230	1400-1500	<i>AWR</i> , Forli/Italian		9181U	0330-0430	<i>NHK Mihara</i> .3 JOBB 828 Osaka 2
7230	1500-1600	<i>AWR</i> , Forli/Arabic		9535U	0100-0330	<i>NHK Ebetsu</i> .6 JOIK 567 Sapporo 1
7294	0800-1000	<i>R. Europe</i> Sa/Su		9535U	0430-0730	<i>NHK Kasuga</i> .6 JOLK 612 Fukuoka 1
7300	1000-1400	<i>R. Europe</i> Sa/Su		9550U	0100-0730	<i>NHK Shobukuki</i> .9 JOAK 594 Tokyo 1
7400	2000-2200	<i>R. Strike</i> Sa/Su				
7475	0900-1100	<i>R. Strike</i> Sa/Su				
9420	0000-2400	<i>R. Europa Int.</i>				

**JAPAN** *Radio Japan* in English:

0100-0200	17845 17810 11910 11890S 11860K 11840 9605
0300-0330	11960 11895F 11885
0300-0400	11840 9605 5960C
0500-0600	17810 11885 11740K 11725 9605 6150UK 6110C 5975UK
0600-0700	17810 11725
0700-0800	21610 17815A 17810 15165G 11850 11740K 11725 7230UK 5975UK
0900-1000	11850
0900-1000	15190 6090
1100-1200	15350 6120C 6090
1400-1500	11895S 11705C 9695 9535 6090
1500-1600	15355G 9695 9535 7240
1700-1800	11930S 9580 9535 7280 6150
1900-2000	11850 9580 9535 7140 6150
2100-2115	7280 7190
2100-2200	11865G(to 31st Dec) 11850 7140 7125 6035K
2300-0000	11850 7140 7125 6155UK 6055UK

Relay stations at Moyabi, Gabon (G); Sackville, Canada (C); Montsinery, French Guiana (F); Kranji, Singapore (K); Ekala, Sri Lanka (S); Skelton and Woofferton, United Kingdom (UK); and Ascension Island (A). (BBCM)

A list of NHK Regionals, all irregular (some possibly inactive), with power (in kW) and call of station it relays::

3259U	0800-1300	<i>NHK Kasuga</i> .6 JOLK 612 Fukuoka 1
3373.5U	0800-1300	<i>NHK Mihara</i> .3 JOBB 828 Osaka 2
3607.5U	0800-1300	<i>NHK Shobukuki</i> .9 JOAK 594 Tokyo 1
3970	1300-1500	<i>NHK Ebetsu</i> .6 JOIK 567 Sapporo 1

(01-Nov/Trummel)

**JORDAN** *Radio Jordan* is now using 11940 kHz (ex 11970 kHz) for English between 1200-1300 and 1500-1730. (05Nov/Schotmans—Belgium) They also use 11910 in parallel. (06-Nov/Koutamanis—Netherlands)

**KENYA** *KBC* Nairobi, 6150, national talk and ID at 0415. This one not scheduled for this time period. (Johnson/Rippel/NU #1343).

**KOREA (NORTH)** *R. Pyongyang's* long-time odd-ball freqs 6576 and 9977 have been brought into line, now 6575 and 9975. (BBCM). Contrary to the BBCM report in last month's LN, *KCBS* from Pyongyang and Kanggye does not operate 24 hours. *KCBS* broadcasts 2000-1800 only. While 2850 and 11680 are used throughout, 6100 is used 2000-0830 and 1500-1800, and 9665 from 2000-0930 and 1730-1800. Also, recent monitoring has shown that in addition to Wosan 3970, which is listed in WRTH, 3220 Hamhung relays the *Pyongyang Broadcasting Station* from 1800-2000. (Sonny Mark Ashimori—Japan)

**KUWAIT** 9855 *R. Kuwait* 1804 On this new/unlisted freq rather than 9840 with news in Arabic / 9880. (20-Nov/Hill)

**LAOS** Luang Prabang, 6976.2. Would think this is the one here, quite good with Vientiane news relay 1200 after gongs for 7 o'clock local time. Previously

traced on 6963v, but something else there now, perhaps a Vietnamese regional, submerged under a persistent RTTY operation, 10/25 (Seager/Jihad 60)

**LEBANON VO Lebanon** on 6549.7 @\*0358, IS electronic "Colonel Bogey March," involved s/on package incl lengthy orch version of same, into sort of anthem, right into ME mx, no amnts. good (17-Nov/Buch-HATDX)

**LIBYA Radio Jamahiriya:** following a lapse of several years, 17725 has again replaced 15435 kHz, running // 15235 and 15415 until 1630, when 15235 and 17725 drop their programming until 1645, when there is 15 minutes of repetitive mx which presumably serves as an IS. 15415 continues with domestic programming until 1700 when (up to 15 minutes of silence) it commences a 2 hr program in Russian and possibly other East European languages. All three channels then continue in //. (Jones/NU #1343)

**MADAGASCAR** 5009 off air since 10/3 (Johnson—Namibia/Jihad 60)

**MALDIVES-FALSE ALARM** 11815 NF *Voice of Maldives* heard at 1026 and 1926 on Sept 23. (Takenaka SW Dx Guide/Peterson Wavescan/White/Jihad Dx 60) Likely R. Pilipinas. SEE PHILIPPINES

**MEXICO R. Huayacocotla** 2390.06 @0000 lcl music, then into long string of messages and personal announcements, psg ID "en antena Huayacocotla...". Guatemalan is on the low side (2389.88). good (18-Nov/Quaglieri-HATDX)

**MOZAMBIQUE** 6112 R. *Maputo* 0312 very distorted but strong. (Johnson—Zimbabwe/Jihad 57.5)

The only frequencies noted while listening from Namibia were 3369, 9637 and 15291 kHz. (Johnson—Namibia/Jihad 55) R. *Maputo* reactive on 15291.6 @1235 (Johnson—Namibia/Jihad 60)

**NEW ZEALAND** Latest RNZI sked:

Mon to Fri	0459-0716	11900 Mo-Fr
Mon to Fri	0717-1206	9700 Mo-Fr
Occasional Use	1207-1649	5960 occasional use
Mon to Fri	1650-1750	5960 Mo-Fr
Daily	1750-1950	9810
Daily	1951-2215	11735
Daily	2216-0458	15115

(Direct)

**NIGERIA** During a recent visit to Nigeria, a check on shortwave usage revealed the following active *Radio Nigeria* outlets: 4770-Kaduna, 6050-Ibadan, 6090-Kaduna, 6100-Maiduguri, 7275-Kaduna and 9570-Kaduna. There was also a possible log of 6145-Calabar but this could not be confirmed. Outlets not heard included all of the Lagos channels (3326,

4990 and 7285) and Enugu outlets (3970 and 6015). (November/Fisher/ODXA/World Radio Report/Clark)

**NORWAY Radio Norway International** English sked thru 30-March:

0100-0200	7465
0300-0400	7465
0700-0800	7180
1300-1400	7315 9590 15605
1400-1500	11840
1500-1600	9520 11730
1900-2000	5930 5960 7485 9590
2200-2300	6170 6200

(27-Oct/Olav Mo Grimdalen—Norway)

*Democratic Voice of Burma* via Oslo in Burmese per this sked:

1100-1130	15170
1430-1500	11850

(BBCM)

7215.3 *Student Radio Trondheim* 0954 Norw. playing lots of rock-mx, anns at 1000 and 1030 (09Nov/Adam/Jihad 60)

**PAKISTAN R. Pakistan** now in-band 0745-1120 to WeEUR 313 degrees via Islamabad 250 kW: 17895 kHz, and new parallel 15470 kHz. (x15625, x17900). (19-Nov/Bueschel—Germany/BCDX 197) Radio Pakistan is contemplating the extension of its overseas service to target North America; this will be contingent on the availability of necessary funds. (BBCM)

**PAPUA NEW GUINEA**

- 2410 R. *Enga* (t) M tlc @1132, vy hi QRM. poor (17-Nov/Williams-HATDX)
- 3205 R. *Saundau* @1116 M ancr, mx, sev ments Saundau @1157, 1159 choral singing, NA @1201\*. poor (17-Nov/Kohlbrenner-HATDX)
- 3260 R. *Madang* 1049 Talks in Pidgin w/ Melanesian chants; (18-Nov/Williams-HATDX)
- 3315 R. *Manus* @1151 ments Lorengau, M dj, country mx. good (18-Nov/Buch-HATDX)
- 3365 R. *Milne Bay* @1200 Anthem by band, M ID, gone by 1204. (17-Nov/Zeller-HATDX)
- 3385 NBC relay 0635 with C&W and pop music, IDing as "Karai National Radio" // 4890, First I heard NBC using this freq on 2nd September, but have not heard them again on 3385 till now. The freq of 3385 kHz is allocated to Radio East New Britain, in Rabaul. (11-Nov/Kecskes/Jihad 60)
- 3905 R. *New Ireland* mixing with RRI Merauke @1110 w/"Island Music" type mixed chorals. Excellent levels (18-Nov/Rippel-HATDX)
- 4890 NBC Port Moresby with EE news @1103 followed by request music show. (19Nov/Buch/HATDX)

- PARAGUAY R. Encarnacion** 11939.33 heard weakly @ 0153 w/continuous rancho-type mx, taped IDs @0159 and 0218 (17Nov/Quaglieri-HATDX)
- PERU**
- 3870 *Radio La Voz de la Esperanza, Voz Adventista* is regularly heard at 2330-0230, Sat 2300-past 0230. (Pankov—Bulgaria/28-Oct/Bueschel—Germany/BCDX 192)
- 4154.3 *R. Naylamp* (Kuhl/TLC/Jihad 60) Director of Radio Naylamp, Dr. Juan Jose Grande Vargas says his station has moved to 4157 and begins transmitting at 0900. He wants to know if it can be heard here in the USA. He says that 4550 and 4545 were unsatisfactory because of interference from other stations. (Lazarus/NU #1343)
- 4254.5 *R. San Andreas* (Kuhl/TLC/Jihad 60)
- 4606.5 *Radio Ayaviri* 1007-1009 presumed (19-Oct/Moore/Jihad 60)
- 5005.59 *R. Jaen*. 1026-1043, S/on variable, between 1000-1015. (04-Nov/Valko)
- 5014.74 *Estacion Tarapoto*, 1047-1100. Fair to Good (10-Nov/Valko)
- 5264.72 *Radio Cinco Mil Doscientos Sesenta y Cuatro* (5,264), 0348 w/EE disco mx, TC and ID—"Esta es Radio 5,264, la que transmite desde Chiliaco(?), capital del distrito de Imasa(?)." (Both of those place names are tentative--I can't find them on a map) Ad for mayoral election in Imasa at 0402, more songs. ID at 0421 and Peruvian anthem "Somos Libres" by band w/choir. Something shouted at the very end by men. Open carrier to off the air at 0426 UTC. (McVicar—Ecuador/Bueschel—Germany)
- 5498 *Radio Lajas* 0050-0225 weak (18-Oct/Moore/Jihad 60)
- 5766.74 *Estacion Soritor* (p), 1103-1121, weak amid heavy QRN (28-Oct/Valko)
- 5956.7 *R. Altura* NF heard at 1200. (Kuhl/TLC/Jihad 60)
- 6089.6 *R. San Miguel*, San Miguel, Cajamarca (Klemetz/TLC/Jihad 60)
- 6188.1 *R. Oriente*, 2250-2301, great signal, clear in LSB, tnx Kris Field (01-Nov/Valko)
- 6535.76 *R. Dif. Huancabamba* (t) 0340 w/continuous OA mx, infrequent TCs, no IDs. Good. (17-Nov/Quaglieri-HATDX)
- 6627.7 *LV de San Antonio* M w/pop mx and ads @0335; aero QRM. (17-Nov/Zeller-HATDX)
- 6726 *R. Satellite*, weak @0045 (18-Nov/Ashley)
- 6895.3 *R. Sensacion* 0120, still on at 0140 (0030\* listed) (10-Nov/Johnson/Jihad 60)
- 7050.35 *LV de Santa Cruz*, Peru 0334 M excited tlc, many IDs (as both "Radio Santa Cruz" and "Radio La Voz de Santa Cruz"), into mx. 343 (17-Nov/Quaglieri-HATDX) The address for this one is Avenida Zaramilla 109, Santa Cruz, Depto. de Cajamarca. (Klemetz/McVicar—Ecuador/NU #1346)
- 9720.48 *R. Victoria*, 0310-0325, Hrd on 190 degree antenna and NOT at all on 280 degree. QRM. (29-Oct/Valko)
- PHILIPPINES Radio Pilipinas** to ME workers observed at 1730-1930 on 11815 and 11890 kHz, both via VoA Tinang, 250 kW. (19-Nov/Bueschel—Germany/BCDX 197) (11815 kHz item in Jihad Dx under MALDIVES!?)
- FEBC* Manila's The *DX Dial* program is scheduled Saturdays 0940-0945 on 11635 for China and Southeast Asia, and Weds. 1300-1330 on 11995 for India and SE Asia. (Padula/ARDXC)
- RWANDA** 6055 *R. Rwanda* s/off is at 2100 in four languages, W in vernac.; M in French; W in English "This is Radio Rwanda broadcasting from Kigali on FM 89.8, 96.5, 97.2, 97.6, 99.3, 100.4 MegaHertz and shortwave 49m band 6.055 kHz [sic]. We now come to the end of today's transmission. We meet again tomorrow at 5 am"; M in vernac.; followed by anthem. Also noted s/on at 0300 w/ similar English text. I am not able to check if this frequency is in use for the full period. (16-Oct/Conradie -RSA/Jihad 60)
- SENEGAL** 7170.27, *R. Senegal*, 2056-2101, 2159, Very strong (14-Nov/Valko)
- SIERRA LEONE SLBS** Reactivated on 3316, noted @2345 w/afropops and M anc; anc mentd SLBS over mx at 2358. Fair to poor. (17-Nov/Buch-HATDX)
- SLOVAKIA** On Nov 12th, *AWR* via Rimavska Sobota-SVK left 7100 kHz channel, formerly used at 1800-2300 UTC. Ham Radio Intruder Watch action against intruder in 40 meter amateur radio band complaint to SVK and German Telecom authorities, *AWR* European Branch at Darmstadt, and *AWR* Headquarter in U.S.A. *AWR* changes:
- |           |              |      |
|-----------|--------------|------|
| 1800-2000 | Arabic       | 9465 |
| 2000-2300 | French/Aa/EE | 9440 |
- (*AWR*/19-Nov/Bueschel—Germany/BCDX 197B)
- SOUTH AFRICA** Corrections/updates to *Channel Africa* sked (LN October):
- |           |         |            |
|-----------|---------|------------|
| 0300-0500 | English | 9585 5955  |
| 0500-0600 | English | 11900 7185 |
| 0900-1000 | Tsonga  | 5955 Sa/Su |

1500-1800	English	9530 7155
1800-2000	French	7225
1900-2000	Portuguese	3345
2000-2100	Portuguese	7225

(BBCM)

**SPAIN** *Radio Exterior de Espana* in English:

0000-0200	9540
0500-0556	9540
2100-2200	6125
2200-2300	11775

(BBCM)

*Radio Liberty* site at Playa de Pals, province Gerona, closed down after 36 years in service on Oct 31, 1995. (ORF/Bueschel/Jihad 60)

**SUDAN** 9000, R. Omdurman, 1750-1803, The frequency-jumping game continues; Poor to fair. (28-Oct/Valko) 9025, R. Omdurman, 0431, Back up here (29-Oct/Valko). An explanation of this stupid cat-and-mouse game, courtesy of BBCM: Until early October, Omdurman radio would only occupy 9025 kHz for the duration of the 1300-1500 Voice of Sudan broadcast, returning to 9200 kHz after 1500. More recently, Omdurman has been occupying the 9025 kHz channel throughout the day. Broadcasts continue to be heard from *Voice of Sudan*, *Voice of the National Democratic Alliance*, the opposition station which began broadcasting on 7th August 1995. However, reception of the station continues to be impaired by deliberate co-channel interference from the official Sudanese radio.

Until recently, Voice of Sudan was operating on around 9025 kHz shortwave for its regular daily transmission at 1300-1500. The transmission suffered interference from Republic of Sudan Radio in Omdurman which had moved to 9025 kHz from its usual channel of 9200 kHz, clearly in an attempt to block reception of Voice of Sudan. On 26th October, Voice of Sudan was observed to have switched its frequency to 9000 kHz in an attempt to avoid this interference. It was heard undisturbed on this frequency until 1350 when Republic of Sudan Radio began transmitting on 9000 kHz, thereby blocking the Voice of Sudan signal. (BBCM) Got that straight now?—AQ

**SWEDEN** R. Sweden 1130-1200 in Swedish now on 13740 (ex 13625) (01-Nov/Direct)

**TANZANIA** 5050.06 R. Tanzania in Swahili @0310 w/EAF guitar pop mx, 0314 "Good Morning" song, ID. good (17-Nov/ Quaglieri-HATDX)

**TUNISIA** RTT Tunis reporting football match at 1300-1600 on new 7280 kHz, //11730, 12005 kHz. From 1600 UTC on 7475 kHz also. (05-Nov/Bueschel—Germany/BCDX 193)

**TURKEY** VO Turkey, Ankara announced change from 7190 to 9655 kHz in E to NoAM at 2300-2400 & 0400-0500. 2300: 7280, 9560, 9655. 0400: 9560, 9655, 9685. (RVI Radio World/19-Nov/Bueschel—Germany/BCDX 197)

**UGANDA** 7201.1 R. Uganda \*0245 killed by VOA sign on shortly after. (Kusalik/NU/TLC/Jihad 60)

**UNITED KINGDOM** 2404.5 kHz USB *Bessemmer Broadcasting* has returned on the air testing on this frequency. Heard in the evening, when only non-stop music was played, so no firm identification heard, but Bessemmer seems the only possibility. TX located in Scotland. (Makelainen/Jihad 60)

**USA** *Voice of America* is currently testing the transmission of digital data on conventional shortwave frequencies. Schedule at present is 1315-2030 on 6165 kHz. Those listeners with RITY capability can set their equipment to 300 baud ASCII, 170 Hz shift. (VOA/BBCM) I also heard them somewhere between 5800-5900 kHz in local afternoons. Why is it necessary to conduct these tests in the middle of broadcast bands? -AQ

Another *WEWN* sked, more complete than last month's:

0000-0200	English	7520 7425 5825
0200-0500	Spanish	7520
0200-0700	English	7425 5825
0500-0700	Spanish	7465
0700-1000	English	7465 7425 5825
0800-1000	Spanish	5975
1000-1100	Portuguese	5975
1000-1200	English	7465 7425
1100-1200	Spanish	6000
1200-1300	English	15115 7425
1300-1400	English	15375 15115 11875 7425
1400-1600	English	15235 11875 9455
1400-2300	Spanish	15375
1600-1800	English	15340 13615 11580
1800-2000	English	13695 13615 11580
2000-2100	English	13695 13615 7425
2100-2300	English	13615 7425 5825
2300-2400	English	13615 7520 7425 5825

(BBCM)

Pastor John Osborn (Founder/Speaker of Prophecy Countdown) had announced over shortwave station *WVHA* (World Voice of Historic Adventism) on 1st October that they were operating at 250 instead of the normal 500 kW. Hauser also reported rumours "that *WVHA* may have to be sold if Prophecy Countdown's financial situation does not improve." According to a "well-informed source," *WVHA*, which had had to take out a loan to finalize the purchase of their transmitting facilities from the Christian Scientists, was understood to be "about three months behind in paying off their loan. So they are in serious trouble. The possibility exists that the actual owners

of the facilities, the loan company, will have to foreclose if they can't raise some more money quick. Or perhaps, after all their hoopla about serving the world of shortwave, Prophecy Countdown will simply have to sell off WVHA..."

Hauser gave what he described as a somewhat curtailed WVHA schedule (it appeared in this column last month—AQ) (06-Oct/Hauser WoR/WWCR/BBCM)

**RTE-Radio Telefis Eireann**, Dublin, starting relay service via WWCR Nashville USA on Dec 4th to NoAM & PAC region:

1000-1030	5065	Mo-Fr
1100-1130	5065	Sa/Su
1930-2000	12160	Mo-Fr
2000-2030	12160	Sa
2100-2130	12160	Su

(17-Nov/Hauser WoR/Bueschel—Germany/BCDX 197)

Some programs of SWL interest from **WRMI**, all on 9955 kHz:

0000-0030	Sunday	Radio Modern Rock (1st/3rd Sat)
0030-0045	Sunday	Wavescan (2nd/4th/5th Sat)
0500-0600	Sunday	Radio Porkopolis (1st Sat)
1245-1300	Sunday	Wavescan
1445-1500	Sunday	Wavescan
2000-2100	Saturday	Southern Music Radio (Dec. 9)
2100-2200	Friday	Radio Marabu (4th Fri)
2300-0000	Saturday	Shortwave Radio Switzerland

NOTE: Programs with indications of "1st/3rd Saturday," "2nd/4th Saturday," etc. are based on local Saturday evenings in the Americas, although they are actually on UTC Sunday. (31-Oct/Jeff White)

**UNIDENTIFIED** 3377.9 UNID in PP @2155, mx to W poss nx @2200, back to fast-talking M @2203. Angola? (17-Nov/QuaglieriHATDX)

4812.5 UNID 2120 W tlk, unk lang, too weak to copy, but spoken in a measured, drone-like cadence, followed by M ancr @2127+. Vy poor (17-Nov/Quaglieri-HATDX)

5450-5470 UNID clandestine M ancr way under jammer @0450. (17-Nov/Germanotta-HATDX). 5469.99 UNID Long M diatribe under bubble jammer @0445. Poor (17-Nov/Rippel-HATDX)

5770 Clandestine? 2004 Man and woman in Farsi, with several references to "kiloHertz" at 2008. More talk interspersed with music stingers; announcement at 2031, then warble-jamming commenced. No doubt a clandestine, though quite a professional-sounding operation, a la Galo Negro. Not there subsequent days. (11-18-Nov/Hill)

6210 From 1908 with man talking in a sort of liquid-sounding language, interspersed with a couple of what seemed Europop selections; off at 1930. Very, very weak with deep fads. Not there when rechecked today (11/12). Does R. Fana, Ethiopia, operate at this time of day? (Hill 11/10)

7170.1 Observed the mysterious African again today at 2034, the first time I've heard it running later than 2000. Decent level with the usual weekend QRM from hams. (Hill 11/12)

7254.5v, 0105-0157\*. Hrd again w/mx and tlks. Same W anncr. Ended with NA, then IS started again for the next pgm less than a minute later. 7255 strn came on 0200 also. No IDs. Pretty fady w/heavy SSB Ham QRM. (28-Oct/Valko)

I have been hearing an unid. AA station \*2000 2030\* on 7420, 7425, 5935, announcing a mailing address of PO Box 7430 Limmasol, Cyprus at s/off. Prior to 2000, and after 2030, all three channels carry Voice of Russia AA pxs. This has also been noted in Europe since early September. The AA department of Radio Bulgaria advises that ID is "Bismilla As Sabakh" (in the name of Alakh (God) and morning rising" according to Rumen Pankov and I vo Ivanov, Bulgaria, in BC DX. (Padula/Newsplus/Jihad 57.5)

**THE WINDUP RADIO** For the past several months, the Internet shortwave groups have been abuzz with talk about a new, windup radio being manufactured for distribution in Third-World nations, where both AC power and batteries remain in short supply. Here's the Reuters announcement:

Date: Thu, 2 Nov 1995 14:10:05 PST LONDON (Reuters)—A wind-up radio acclaimed as a godsend to communications in the developing world was launched Thursday, offering a cheap and reliable means of spreading news to remote and poverty-stricken regions. The BayGen Freeplay radio, with a tough plastic case and a flip-out winder to power its generator, went on show at a reception in the South African High Commission before going on sale in London's upmarket Harrods store next week. Inventor Trevor Baylis hit on the idea while watching a television program about AIDS in Africa, which explained how the expense of radio batteries was hampering efforts to disseminate health education. Within an hour, he had devised the "clockwork radio," which, after a few seconds' winding, will give around 40 minutes of listening pleasure on long wave, medium wave and FM.


Baylis freely admits that his initial motive was far from altruistic. "It was a little puzzle...It was simply because I wanted the intellectual challenge," he said. But a South African company, BayGen Power, heard of his invention and Britain's Overseas Development Administration chipped in \$220,000 to fund production.

The radios will be sold in Britain, initially in Harrods, as a result of unforeseen demand after the invention was shown on television. "People were contacting us and saying, 'I want one for my bathroom,'" said BayGen chief executive Rory Stear. ODA minister Baroness Lynda Chalker said that, in addition to contributing to start-up costs, Britain had put in an order for 3,000 of the radios, mostly to go to British aid workers in the field, to help them and the communities where they work. "The point is that we can use this idea to put out messages about disasters, about health care, and people who might not otherwise have heard it will get the information," she said. She held up the Cape Town factory, where most of the workforce are disabled black people, as an example of cooperation between Britain and the new South Africa.

The radios go on sale in Harrods at \$126 each, and BayGen officials said that for every 10 radios sold one will be donated to charity. The British War Child organization, operating in Angola, will be the first recipient.

The fascination with this gizmo has grown to near-manic proportions. One SWL, so eager to be the first to own a windup radio, bought one for \$39.95...plus \$77 shipping to the U.S.!

It was only a matter of time until someone came along to poke little holes in this big gas balloon of windup controversy. Herewith is a message recently posted on [rec.radio.shortwave](http://rec.radio.shortwave) by Chuck Rippel of Virginia:

"Modifications to the now widely talked about Wind-Up Radio are now being reported. There is a new, stiffer spring which can reportedly add up to 6db in actual receiver gain. Although this spring requires a heavier (and optional) key to wind it, DX'ers considering making this high performance mod should know that the extra tension is worth every twist. The second mod is to the actual governor assembly. An RF gain control has been added which in turn controls the governed speed of the mechanism. Lowering or raising the the RF gain causes a change in the energy release of the spring. This has the effect of changing the gain to all stages of the radio vastly increasing control over the various stages." 



## WORLD WIDE COUNTRY RADIO

2 Million Walls serving Europe & Africa with Country Music

1300 WWCR Avenue • Nashville, TN 37218 USA • 615 255-1300

### American Country Music Available on Shortwave!

**Nashville** - 25 July 1995 - The Nashville Tennessee based International Shortwave station WWCR has joined with CURB Records, American Network Radio, and Tim Riley & Associates to provide Country Music Programming world wide.

Through an undisclosed long term sponsorship agreement, a portion of WWCR's daily country music program "World Wide Country Radio", will feature such CURB artists as Tim McGraw, Wynonna Judd, Hank Williams, Jr, Sawyer Brown, and Lyle Lovett.

"The program has been named *The International Curb Country Showcase* and is a chance for us to expose the product world wide," said Tim Riley, President of Tim Riley & Associates and American Network Radio. "At the same time, listeners in all Western European Countries, Australia, the Pacific Rim, and South American, will know exactly where they can purchase the product."

"We are excited to offer American Country Music to the International Community," states George V. McClintock, General Manager of WWCR.

The three hour "World Wide Country Radio" program is heard Monday through Friday beginning at 1800 Hours UTC, on 12.160 MHz.

*The International Curb Country Showcase* will be heard between 1800 and 2000 Hours UTC on 12.160 MHz. The two hour showcase will be replayed beginning 0700 Hours UTC on 5.065 MHz.

Contact - Chuck Adair (615) 255-1300

# Pirate Radio Report

**Chris Lobdell**  
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Stoneham, MA 02180-0146  
CompuServe 75720.253  
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## New Book on Pirate Radio

Just in time for your holiday reading enjoyment is Andrew Yoder's new book on the history of pirate radio, "PIRATERADIO, The Incredible Saga of America's Illegal Broadcasters". I received it about a week ago and haven't been able to put it down! Written by veteran author Yoder, whose "Pirate Radio Stations" book in the late 80's and the annual "Pirate Radio Directory" co-authored with George Zeller, make him somewhat of an expert on pirates. The book has an excellent history of the roots of pirates on shortwave and medium wave from the 1930s until the 1970s. Covered in good detail are the 1610-1620 kHz pirates from New York in the '70's such as WFAT. Current stations are each given their own write up. As an added bonus, there's a CD with 14 tracks of audio from stations ranging from the Voice Of The Voyager, WFAT to R. Free Euphoria. The only thing the book needs is a little better coverage of pirate activities in the 1993-1994 era, but that's just my opinion. You can order the book direct from the publisher, HighText Publications by calling 1-800-247-6553 or by writing to Box 1489, Solana Beach, CA 92075 for 29.95 plus \$4.00 shipping. It should also be available from Universal and Grove

## Station Profile: Pirate Radio Boston


Recently, we were pleased to receive a letter from Mr. X (Excellence) with this station information:

"Pirate Radio Boston was founded in 1992 by Charlie Loudenboomer, shortly thereafter, Mr X was invited by CL to join the station ranks. PRB is a station operated by DXers for DXers. We don't have a political axe to grind, but if we think DXers are being ripped off, we'll go after them, such as the Radio Collection/Kristen Kaye. We also don't think too kindly about pirates who solicit mail, take our three stamps and don't QSL(WJLR-

Take Note!). We feel that at times people forget this hobby is meant to be fun. We also try to read all our listener's mail over the air as it's always fun to hear your letter being read. We don't have many broadcasts, but when we do, we try to put a lot of effort into it. Look for us with our annual pre-Christmas broadcast soon. Take care, 73s and may Jah-Rastafari guide you".

## Pirate Bandscan

Station activity continued at a high pace throughout the past month. Halloween saw the return of annual favorites Witch City Radio, Radio Hallowe'en and the Voice Of The Dead. The most memorable show heard has to be the K2000 one heard on 6955 kHz at 2145 on the 29th of October. It featured a witty parody of the DX Partyline called the "DX Smartyline" plus the Trial Of The Century, featuring ACE columnist John T. Arthur vs the ACE membership. Don Putnick, our man in CA heard Magic Carpet Radio at 0100 on the 30th of October on 6955 with rock mx. Ross Comeau in MA finally bagged K1W1 from NZ on 7445 at 0610 on the 22nd of October. Ross also heard R. Amazonia via NAPRS on Nov. 4th at 0430 UTC on 6955. Mary Jo "MamaDX" Ondrechen of MA sent in a bunch of logs, including the Voice Of The Daleks via NAPRS on 6250 kHz on the 5th of Nov at 1415. She also heard WPN (World Parody Network) at 1930 on 6955 on November 4th. Your editor even heard a pirate in the 49 meter band on the 19th of November! Radio Free Euphoria at 1400 on 6100 kHz in AM. Lots of stations were active on the 18-19th, partly because many FCC field offices were shut down due to the budget impasse. Frequencies to check are 7435, 7415, 6955, 6950, 6250, and 6100 kHz. Don't just sit on 6955 because you might miss something!

Next month, we are going to start a review of publications specializing in pirate radio, starting with Andy Yoders, Pirate Pages. Until then, happy pirate hunting! 

# English Schedules

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Prepared 11/17/95.

Thanks to Dave Kenny (BBC WBI), Adam Lock (WWCR), Joe Hanlon (PA), Jonathan Marks (R Netherlands), Andy Senniitt (WRTH) And belated thanks to Dan Fisher (MA) for last month's contribution of the Moldova schedule data.

**Argentina:** The 19-20 European release has moved off its long-time 15345 down to 15335 kHz. T'was a move to avoid interference.

**Indonesia:** The Voice of Indonesia has English at 08 and 20 on 9525. It's a pleasant surprise to be able to hear the latter release here.

**Moldova:** R Dneister Int'l broadcasts Mo, We and Sa at 2130 UT on 6205 kHz. The We broadcast is repeated on Th. German fills in the same time slot on Tu and Su.

**Norway:** To NAm at 01 and 03, 49m was vacated in a move to 7465. The 03 release later moved to 6200.

**Russia:** The V of Russia at 21 and 22 is noted on additional 6055 and 5995. 9890, 9470 and 7170 appear to be dropped. At 13, add 15470.

**South Korea:** The one-hour releases of R Korea are very difficult to hear at this location. The best bet is 6480 at 21 UT.

In eNA, at least, the alternative to the early 1130 half-hour is at 20 UT on 3970. The signal is quite good. There are subtle changes to the schedule. Europe: 08-09 13670, 7550; 16-17 15575; 1830-19 6480, 20-2030 3970 UK; 21-22 15575, 6480. Americas: 02-03 11810, 11725; 06-07 7205; 1130-12 9650 Sackville. ME/Af: 12-13 7285; 1630-1730 9870, 9515. As: 1230-13 13670, 9640, 9570. GOS: 02-03 7275; 16-17 5975; 19-20 7275, 5975.

**Thailand:** Udom to NAm at 0030 is back on 11905, 03 on 11890 kHz.

**Turkey:** At 23 and 04 UT to NAm, 7190 has been replaced by 9560.

**USA:** WWCR is back on 3315 from 8 Nov. The USAF says they didn't file a protest; the complaint appears to be bogus.

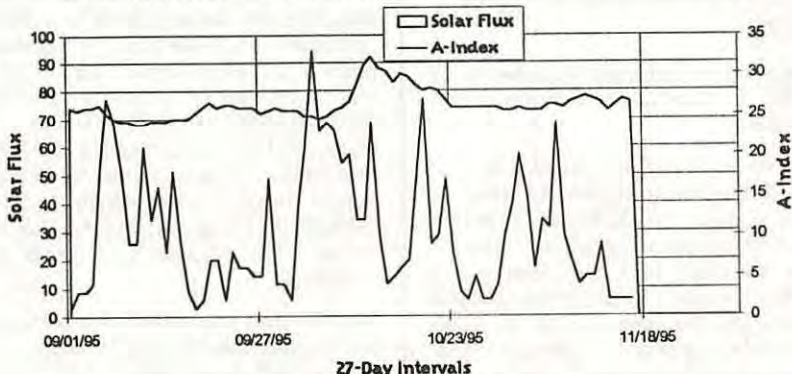


The 1996 World Radio TV Handbook is on

schedule and expected to be shipped to

distributors around the first of the year. Reviews on antennas, the Baycom wind-up receiver from South Africa, the Drake RBA and the Radio Shack DX-394 are included. Why not order a copy from Gilfer Shortwave or Universal Radio, two firms that support NASWA?

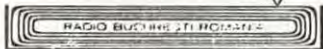
SOLAR FLUX & A-INDEX: SEP-NOV '95



<http://www.pics.com/tr5/>

# QSL Report

Sam Barto  
47 Prospect Place  
Bristol, CT 06010



for a SP rpt. and SASE (used). Also rcvd. station pennant and a personal ltr. v/s Yolando Marco, Secretaria. (Rausch-NJ).

**BOTSWANA:** VOA 7340 f/d "Greenville" cd. w/ sked. in 3 wks. (Barto-CT).

**BRASIL:** ZYE520 Radio Guarani 6050.2 p/d ltr in PT in 2 mo. for a PT rpt. v/s Jussara Belo. (Barto-CT). Radio Cancao Nova 4825, 6105 and 9675 f/d cds. in 5 mo. for a PT rpt. v/s Benedita L. Rodrigues, Secretaria.

**BULGARIA:** Radio Sofia 9700 f/d cd. w/ schedule in 5 mo. (Fowler).

**CANADA:** CHNX 6130 f/d ltr. in 5 wks. 40 watts! v/s Kurt J. Arseneault, Chief Engineer. (Barto). Deutsche Welle 6085 via Sackville p/d "40th Anniversary" cd. in 206 ds. (Stephens-AL). Radio Japan 5960 via Sackville f/d "Summer Festival" cd. w/ schedule in 22 ds. (Haran-IL).

**CHILE:** Radio Esperanza 6090 f/d cd. w/ very friendly ltr. in 9 mo. for \$1.00. (Fisher-MA).

First of all I'd like to thank everyone for making this Column as successful as it is. Have a very merry holiday season.

**ABU DHABI:** UAE Radio 7215 f/d ltr. w/ sked. in 3 mo. for \$1.00. v/s Ms. Aida Hamza. (Owsley-CA). 11885 f/d ltr. w/ sked. in 105 ds. (Haran-IL).

**ALASKA:** KNLS 7365 f/d "North Pole" cd. in 68 ds. for 1 IRC. This is a special cd. w/ only 200 issued. (Mosoya-JPN).

**ANTIGUA:** Deutsche Welle 6040 p/d "40th Anniversary" cd. in 208 ds. (Stephens).

**ASIATIC RUSSIA:** BBC Vladivostok 11990 n/d ltr. w/ sked. in 1 mo. (Barto-CT). 11640 via Chita same w/ sked. in 3 wks. (Barto)

**AUSTRALIA:** Radio Australia 15510 via Darwin f/d cd. w/ wall calendar and sticker in 2 mo. for 2 IRCs. (Dybka-TN). 17795 f/d cd. in 2 mo. for 2 IRCs. (Thow-Que).

**BELGIUM:** Radio Vlaanderen International 9925 f/d cd. in 2 mo. for 2 IRCs. (Thow) 9920 f/d "Statue of Brabo" cd. in 50 ds

**BOLIVIA:** Radio Santa Cruz (Fowler-AL). 6135 f/d prepared cd. in 3 mo



(Field-MI).

VNG  
Standard frequency &  
Time Signal Service

via Pappas

The staff as the National Standards Commission  
and members of the VNG User's Consortium  
wish you a merry Christmas and a happy new year

**COLOMBIA:** Radio Super Ibaque 4785 p/d ltr. w/ sticker in 52 ds. for a SP rpt. and \$1.00. v/s German Acosta Ramos. (Paszkiwicz). n/d ltr. in 5 mo. for a \* SP rpt. (Field-MI). Radio Cadena Nacional (RCN) Antena Dos Bogota 5040 f/d "Logo" folder cd. w/ thank you info. ltr. in 97 ds. after a f/up rpt. in SP. v/s Antonio Pardo Garcia, Gerente de Produccion y Programacion Nacional. (Stephens-AL). Caracol Bucaramanga 4845 p/d 2 page ltr. w/ 11 stickers in 36 ds. for a



Season's Greetings  
from **RADIO KOREA**

SP rpt. and \$1.00. v/s German Gomez Vahos, Gerente. (Stephens-AL).

**COSTA RICA: Adventist World Radio** 7375 and 9725 new "Volcano's" cd. in 1 mo. w/ pennant, sticker and sked. v/s Miriam Pottinger, Secretary. (Field-MI). 9725 f/d cd. w/ pennant, bookmark, schedule and sticker in 40 ds. (Fowler). 13750 f/d cd. w/ pennant and sticker in 1 mo. v/s Adrian Peterson, International Relations. (Barto-CT). **UNESCO Radio** 9400 via **Radio For Peace International** f/d Form Itr. in 5 mo.

**NOTES:** **Jerry Klinck** is extremely pleased with the QSL from Malabo/Bata. It was interesting that two individuals at the station both signed the prepared cd. Great QSL!...Sam. **Masao Hosoya** checks in from Tokyo, Japan. with his first report to the QSL Column. I'm sure there will be many, many more. I will use your photocopies in the Column. Thank you for your very kind letter...Sam.

for ms. v/s Ms. Erin Faherty-Mella, Executive Radio Producer. (Sgrulle-CROATIA: **Hrvatska Radio Televizija** 13830 f/d "Logo" cd. printed tta-NY).



by the Australian DX Club ADXB-OE. This after a year. (Stephens-AL).

**CUBA: Radio Rebelde** p/d cd. in 175 w/ tourist brochure for \$1.00. (Sgrulle-tta-NY).

**DOMINICAN REP: Onda Musical** 4780 f/d prepared cd. w/ ltr. in 2 mo. v/s Mario Baez Asuncion. (Paszkiewicz)

**EUROPEAN RUSSIA: Voice of Vietnam** 5940 f/d "Map" cd. in 124 ds. w/ sticker and station pennant. (D'Angelo). **Deutsche**

**Welle** 12000 via **Novosibirsk** new n/d cd. w/ schedule in 2 mo. (Barto-CT). **ERITREA: Voice of the Broad Masses of Eritrea** 7020 f/d B&W cd. w/ station \* seal in 82 ds. v/s Omar Mahmoud. (Owsley-CA).

**FERNANDO POO: Radio Nacional Malabo** 6250.4 f/d cd. in 32 ds. for a SP rpt \* tape and \$1.00. v/s Hermenegildo Moliko Chele, Director Tecnico. (Klinck)

**FRENCH GUIANA: Radio Japan** 11895 via **Montsinery** f/d cd. in 1 mo. for 2 IRC **GERMANY: Deutsche Welle** 9640 f/d cd. in 5 mo. (Fowler). (Thow-QUE).

**HOLLAND: Radio Nederland** 9860 via **Flevo** f/d "Tulips" cd. in 34 ds. (Step-**HUNGARY: Radio Budapest** 9835 f/d cd. in 1 mo. for 2 IRCs. (Thow) (hens-AL).

**INDIA: All India Radio** 5010 via **Thiruvananthapuram** f/d "Cathedral in Goa" cd. in 215 ds. v/s A.S. Guin. (D'Angelo-PA).

**Radio Ukraine International** via Betsy Robinson

**ITALY: RAI** 11800 f/d "Amedeo Modigliani" cd. in 7 wks. (Barto-CT). 9645 and 9575 f/d "Aprile" cd. in 2 mo. (Barto) 9685 f/d "Tramonto" cd. in 7 wks. (Barto-CT).

**ISRAEL: Reshet Bet** 9385 f/d cd. in 5 wks. (Barto). **IBA** 7465, 9435 and 9845 f/d "Logo" cd. in 6 wks. w/ personal ltr. from Raphael Kochanowsky. (Barto)





sent along a great photo of his shack. Thanks! What do some of your shacks look like?...Sam. Send them along. We may even get a few in the Column. Edward Rauch says that he used the B.P. 1202 address for his report to Radio Madagascar. It worked! Adie, you may want to try again and use the v/s name...Sam. Yutaka Yamada has left NM and is back in Japan. Make sure you keep reporting to us...Sam.

**MALAGASY REP: RTV Malagasy** 5009.5 n/d ltr. in \* 1 mo. for a FR rpt., tape and SASE (used). v/s Rakotoniaina Soa Herimanitra, Secrétaire de Direction. He collects stamps - get the hint? (Rausch-NJ). 5009 n/d ltr. w/ sked. in only 3 wks: for a FR rpt. and \$1.00. (Fisher-MA).

**MOLDOVA: Radio Moldova International** 7190 post-cd. w/ USSR stamps on it in 5 mo. on my 3rd try. Sked. was rcvd. (Field-MI). **Radio Dniestr International**

15290 f/d cd. w/ postcards in 487 ds. for \$1.00. (Pasquale-PA). **Voice of Russia** 11750 via **Kishinyov** f/d "Peoples Friendship House" cd. w/ sked. and postcards in 55 ds. (Haran-IL).

**MOROCCO: VOA** 15280 f/d "Golden Gate Bridge" cd. in 2 mo. w/ sked. (Barto-CT). 6150 f/d "Grand Canyon" cd. in 3 wks. (Barto). \* **Radio Liberty** 15130 via **Morocco** f/d cd. for the Kazakh transmission in 3 wks. w/ schedule. (Barto-CT).

**NEW ZEALAND: Radio New Zealand International** 7480 p/d cd. in 3 wks. for 3 IRCs. (Thow).

**NEW ZEALAND (Pirate): KIWI Radio** 7445 cd. w/ postcards and stickers for \$1.00. (Owsley-CA).



**JAVA: RRI Yogyakarta** 7098 f/d personal ltr. in IN w/ station photo in 9 mo. for an IN rpt. and \$1.00. v/s ub. Kabid Penyelenggaraan Siaran, Martono. (Lobdell-MA).  
**ZAKHSTAN: Radio Nederland** 7365 f/d cd. of "Antenna System" in 15 ds. for \$1.  
**KOREA, REP. OF: Radio Korea** (Owsley).  
**International** 9590 f/d "Korean Art" cd. in 46 ds. for 1 IRC. (Mosoya-JPN). 11715 f/d cd. w/ stickers and schedule in 2 mo. (Fowler).  
**KUWAIT: Radio Kuwait** 11990 f/d folder cd. in 3 mo. for 2 IRCs. (Thow). f/d cd. w/ 2 stickers, pen, schedule and a calendar in 3 mo. (Fowler).  
**LIBYA: Radio Jamahiriya** 15415 f/d "Rain-bow" cd. in 120 ds. for a rpt. sent to their Malta address. (Owsley-CA).  
**LITHUANIA: Radio Vilnius** 7360 f/d cd. in 2 wks. on my 3rd try. (Field-MI).

**NOTES: Mike Haran** asks about my deadline. I don't have a specific drop-dead date but I usually start typing the QSL Column around the 15th of each month. Hope this helps...Sam. **John Fisher**

**NIGERIA: Voice of Nigeria** rcvd. multi-page schedule in 6 mo. after a f/up rpt. but still no QSL. This is the second straight time they have done this! (Stephens-AL).

**NORWAY: Radio Norway International** 7480 f/d "Harald Kolstad" cd. w/ sticker and sked. in 1 mo. (Barto-CT). f/d cd. in 1 mo. for 2 IRCs. (Thow). **Radio Denmark** 15335, 11870 and 13800 n/d "Logo" cd. in 5 wks. (Barto-CT). 9590 cd. in 2 mo. (Barto). 9600 n/d cd. in 7 wks. (Barto). 15335, 13800, 15605 and 9590 n/d "Logo" cd. w/ sked. in 6 wks. (Barto-CT).

**OMAN: Radio Oman** 6085 via **Thumrait** f/d large glossy and colorful cd. in 27 ds. after a f/up rpt. Looks more like a tourist brochure than a QSL! v/s Rashid Haroon Al-Jabry. (Stephens-AL).

**PAPUA NEW GUINEA: Radio Gulf** 3245 f/d prepared cd. in 27 ds. for \$1.00. v/s Timothy Akia, Acting Provincial Station Manager. (Klinck).

**PARAGUAY: Radio Encarnacion** 11940 n/d personal ltr. in 11 mo. for a SP rpt. and \$1.00. v/s Ramon Gimenez B., Director. (Fisher-MA).



Radio Kiev



Radio Sofia card

f/d "Grand Canyon" cd. in 2 wks. (Barto-CT). 11930 f/d "Golden Gate" cd. in 5 wks. (Barto). 17820 f/d "50th Anniversary" cd. in 12 ds. v/s John Vodenik. (Stephens-AL).

**PORTUGAL: Radio Liberty** 9660 via **Gloria** f/d cd. in 1 mo. (Barto). **Radio Canada International** 9715 via **Sines** f/d "50th Anniversary" cd. w/ sked. and sticker in 76 ds. Station pin was also rcvd. (Humenyk-ONT).

**ROMANIA: Radio Romania International** 9510 f/d cd. in 2 mo. for 2 IRCs. (Thow). 11940 f/d "Folk Costume" cd. w/ ltr. and schedule in 4 mo. (Fowler). 5990 cd., ltr. and sticker in 6 mo. (Field-MI).

**RUSSIA: Voice of Vietnam** 7250 f/d cd. in 3 mo. for \$1.00. (Thow).

**SEYCHELLES: BBC** f/d ltr. in 6 wks. v/s Nigel Bird, Resident Engineer. (Barto-CT). **FEBA Radio** 11870 f/d folder cd. w/ postcard and sticker in 13 mo. for \$1.00. v/s Peter Muthuraj, QSL Secretary. (Kohlbrener-PA).

**SINGAPORE: BBC** 3915 via **Kranji** f/d "Antenna Farm" cd. in 4 mo. for 2 IRCs. (Sgrulletta-NY).

**NOTES: Laurie Fowler** sent in some great reports. Don't worry if your submissions aren't typed. All I have to do is to read the report... Sam. **Mary Jo Ondrechen** has been having an address problem with KWHR in Hawaii. She has been using the South Point, HI 96772 address with no success. She has just sent a report to South Bend but as yet no reply. Any help would be very much appreciated. Her address is

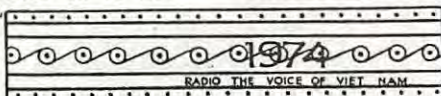
**PERU: Radio Tropical** 4935 p/d ltr. in 12 ds. for a SP rpt. and \$1.00. v/s Mary Rengifo \* Tenazoa. (Owsley-CA). **Radio Nacional** 6095 f/d prepared cd. in 1 mo. for a SP rpt. and \$1.00. v/s Henry Aragon Ibarra. (Paszkievicz)

**PHILIPPINES: Radio Pilipinas**

17760 f/d large "Logo" cd w/ schedule and sticker in 21 ds. after a f/up rpt. v/s Ric G. Lorenzo. (Stephens-AL). **VOA** 15250



REETINGS  
FROM  
VIET NAM





# Radio Nacional Malabo

**Q**  
**S**  
**L**

Sr. JERRY KLINGH  
 Confirmamos su control de recepción  
 Frecuencia: 6250 KHz.  
 Fecha: 14. SEP. 1995  
 Hora: 22,32 - 23.00 H. DE MALABO

HTC = MALABO HI

**SLOVAKIA: Radio Slovakia International** 5930, 9810 and 7300 f/d cd. in 1 mo. on my 2nd try for a 93 reception. (Field-MI). 9440, 9730 and 7300 f/d cd. in 1 mo. (Field-MI).  
**Adventist World Radio** 7270 f/d "70th Anniversary" cd. w/ personal ltr., pennant & station info. in 208 ds. v/s Iris Manuela Brandl, Programme Dept. (Stephens-AL).  
**SOLOMON ISLANDS: SIBC** 5020 f/d "Logo" cd. in 329 ds. for \$1.00. (D'Angelo-PA).

**NOTES: Benton Owsley** says he just got his first rain which is good for the oranges. They're pretty good as far as fruits go. Hi! Thanks for the QSLs. **Jerry Klinck** says hello and wishes everyone has a happy thanksgiving. Jerry says he flew the Quebec and American flag prior to the vote in Quebec - just in case there was an invasion! **Denis Pasquale** was very pleased with the QSL from Radio Dniester International since his reception report was over a year old. Denis notes that reception has been lousy. Don't worry I'm experiencing the same at this end...Sam.

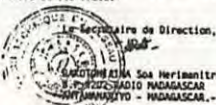
Cher Monsieur, via Fisher

Nous avons le plaisir de vous confirmer que la station que vous avez captée était bien le RADIO NATIONALE MALAGASY.

FREQUENCE	HEURES
5010 KHz	03h - 19h UTC 06 - 22 H.L.
3288 KHz	03h - 05h, 15h - 19h UTC 06 - 08h, 18h - 22h H.L.
6125 KHz	05 - 15h UTC 08 - 18h H.L.

La langue utilisée est la langue Malagasy - bien vérifiable par la cassette que vous nous avez envoyée, mais à 18h UTC ou à 21h H.L. est diffusé un bulletin d'information en français.

Nous vous remercions sincèrement de nous avoir écrit, et grand merci pour les souvenirs et les frais.



**SOUTH AFRICA: Channel Africa** 7240 f/d cd. in 3 mo. for 2 IRCs. (Thow). **Frans World Radio** 9510 f/d cd. w/ schedule and info. booklet in 1 mo. Reply came from Swaziland. (Paszkiwicz).

**SPAIN: Radio Exterior de Espana** 9540 f/d cd. in 6 mo. for 2 IRCs. (Thow). 7275 and 9530 f/d "Palacio Musica" cd. w/ stickers in 2 mo. (Barto-CT).

**SRI LANKA: Deutsche Welle** 9655 n/d cd. in 95 ds. for \$1.00. (Owsley-CA). 9670 p/d "40th Anniversary" cd. in 223 ds. (Stephens-AL).

**SWEDEN: Radio Sweden** 13605 f/d "Kungshamn" cd. in 32 ds. (Humenyk-ONT).

**SWITZERLAND: Swiss Radio International** 15545, 13635 and 17515 f/d "Central Switzerland House" cd. in 6 wks.

**SYRIA: Radio Damascus** 15095 (Barto). f/d cd. in 139 ds. w/ sticker. (Humenyk-ONT). (Barto-CT).

**THAILAND: VOA** 11785 f/d cd. in 2 mo.

**TURKEY: Turkish Police Radio** 7370 f/d

cd. w/ tourist brochure and a personal ltr. in 120 ds. for a taped rpt. and ms. v/s Fatih Utumlo. (Stephens-AL). **Voice of Turkey** 9445 f/d cd. in 1 mo. for 2 IRCs. (Thow).

**TURKMEN: Turkmen Radio via Ashgabat** f/d ltr. in 1 mo. a full 16 mo. after receiving a ltr. in RS. v/s A.A. Amanklichev, Deputy Chief of the Technical Dept. (Elbe).

**UKRAINE: Radio Kiev** 9860 f/d cd. in 4 mo. (Powler).

**USA: KUSA** 1660 f/d poster \* sized OSL for a special test at the NAB 1995 Convention. v/s Matthew J. Lunati, Engineer. (D'Angelo-PA). **VOA** 15580 f/d "Grand Canyon" cd. in 3 wks. (Barto). 6120 f/d cd. in 1 mo. (Thow). 11855 f/d "Atlanta" cd. in 1 mo. (Barto). 17740 f/d "Golden Gate" cd. in 3 wks. (Barto-CT).



Cuando llegó la plenitud  
 de los tiempos, Dios envió  
 a su Hijo, nacido de mujer  
 Gal. 4,4

Radio Católica Santo Domingo (RCSD)

desca a todas una Navidad Feliz  
 y un próximo año lleno de las  
 bendiciones del Señor.

15365 via Greenville f/d  
 "Golden Gate" cd. in 1  
 mo. (Batto). 15410 f/d  
 "Greenville" cd. in 5  
 wks. (Barto). La Voz de  
 la Fundacion 9850 f/d cd.  
 w/ sticker and anti-Castro poster  
 and 3 brochures in 198 ds. for a  
 taped rpt. (Stephens). American  
 Dissident Voices 7395 f/d "Logo/  
 Map" cd. w/ catalog in 72 ds. for  
 a taped rpt. v/s Kevin Alfred  
 Strom. (Stephens).



**RADIO REPUBLIK INDONESIA**

via Lare Stasiun RRI Pontianak

Diberitakan bahwa laporan Tuan tentang penerimaan  
 Stasiun RRI.....  
 Pada tanggal 16-2-93 jam 20.45 WYK

dengan :  
 Frekuensi : 3995 KHz  
 Gelombang : 75.09 Meter  
 Pemancar : NEX-50 KW  
 Antena : Log Perisida Dipole  
 Adalah benar siaran tersebut dari Stasiun RRI Pontianak di Kalimantan Barat.

Tuan, Mohon terima kasihnya.



Atas Kepala Stasiun.  
 Kuala Sekel. Siaran  
 M. Hanzah  
 Maud Hanzah

USA (Pirates): Heavy Dude Radio 7385  
 via NAPRS f/d cd. w/ several  
 stickers in 115 ds. (Stephens).  
Altered States Radio 7470 f/d

"Bob Marley" cd. w/ person-  
 al ltr. and tape of program in 8 ds. (Stephens-AL). Free-  
 dom 40 7385 f/d very large cd. in 6 wks. for a  
 taped rpt. (Stephens). Caribbean Sound Sys-  
 tem 7385 f/d cd. in 1 mo. for a taped rpt.  
 v/s Count Whip. (Stephens)...I'll usually  
 put in the v/s's if they are a bit creative with  
 the names...Sam. 6955 f/d "Checkerboard  
 Ship" cd. in 1 mo. via Stoneham drop. (Lobdell)

NOTES: Steve Martin took time out from his busy movie  
 schedule to note that we should plug Bill Plum for the  
 prepared card designs that appear from time to time in  
 the QSL Column. You're quite correct that Bill has done  
 an outstanding job in this field. More DXers should avail  
 themselves of Mr. Plum's talents! Steve, I'm like Bill in  
 that I absolutely love garlic. Hi!...Sam. Bill Wilkins says  
 that he recently got his first QSL in almost 10 months. He  
 has forgotten what the adrenaline rush was like to open the  
 mail and find a QSL...Sam. Its better than a dead fish.

C.P. 136  
 4760 K.C.



**RADIO "AVARA"**  
 EM SU 20 AMBUESARIO  
 HIBERALTA  
 23-MARZO-90  
 BENE-BOLIVIA

East Coast Music Radio 6958 well designed f/d cd. in 6  
 wks. (Lobdell). JAZZ 7385 f/d sheet in 7 mo. (Lobdell). KGDR  
 6955 f/d "Gerry Garcia" cd. in 5 wks. from the Providence  
 drop. (Lobdell). Microdot Radio 7413.5 f/d "Skulls/Joint" cd.  
 in 11 mo. v/s Micheal Rahdot. (Lobdell). 7451.2 f/d sheet in  
 6 wks. for a rpt. to ACE. v/s Mike Rodot. (Stephens). Tube Radio  
 6955 f/d "More Than Just a Pretty Face" cd. in 108 ds. for ms.  
 (D'Angelo-PA). WKND 6955.2 f/d poster cd. w/ personal ltr. in  
 153 ds. for 3 ms. Stickers were rcvd. (D'Angelo-PA). RADIO 43 6960  
 f/d octagonal "Smiling Sun and Microphone" cd. for a rpt. posted  
 on the FRN BBS. v/s Seymore Hooters. (Stephens). MQSL 7422.8 large  
 cd. in 17 ds. (Stephens). Easer Hot Hits 7415 f/d cd. in 35 ds. for  
 2 IRCs. and a taped rpt.

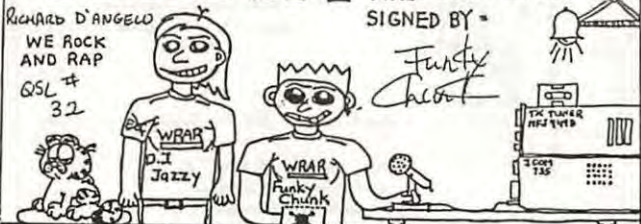
VATICAN: Radio Vatican 15210 f/d cd. w/ sked. in 1 mo. (Barto). 4005  
 f/d cd. in 1 mo.  
 (Barto-CT).

ZIMBABWE: ZBC 4828  
 p/d large cd. in  
 55 ds. for ms.  
 (Stephens-AL).

**WRAR**

DATE = 3/20/93  
 FREQUENCY = 7416.4 AM  
 TIME = 2225-2248 UTC  
 SIGNED BY =

RICHARD D'ANGELO  
 WE ROCK  
 AND RAP  
 QSL #  
 32



This takes care of  
 yet another year.  
 Best of DXing in  
 96 and have a very  
 happy holiday sea-  
 son...Sam.

# Company Store

**Kris Field**  
705 Gregory Drive  
Horsham, PA 19044  
GEnie: K.FIELD4  
Internet: k.field4@genie.geis.com

Please note I've decided to drop the clothing from the store. If there ever is an overwhelming demand for clothing we might bring it back. Right now, the s&h and processing seem to have eliminated orders for clothing.

All s/h charges for the following items are included unless otherwise noted. Write for shipping and handling costs for orders shipped outside North America.

## Publications

<i>Shortwave Listening Guidebook</i> by Harry Helms. Covers equipment, antennas, propagation, station profiles, utilities, clandestines, QSL'ing, etc. 315 pages.	\$19.95 +2.00 s/h
<i>Secrets of Successful QSL'ing</i> by Gerry Dexter. The complete guide to Reception Reports and QSL collecting. 125 pages.	\$12.95 +1.00 s/h
<i>Limited Space Antenna Solutions</i> by Frank P. Hughes. Covers the random wire, dipole, vertical, outdoor, loft and indoor antennas, antenna tuners, and grounds.	\$10.00 +1.00 s/h
<i>Inside Your Shortwave Radio</i> by Ted Benson. Companion to your receiver's instruction manual, filling in what your manual leaves unclear.	\$13.95 +2.00 s/h
<i>All About Ham Radio</i> by Harry Helms. Introduction to the world of ham radio. Covers equipment, antennas, propagation, and how to get your license.	\$19.95 +2.00 s/h
<i>NASWA Country List and Awards Program Booklet</i>	\$2.00
<i>The System</i> Masters for Log Book, QSL Reports, Program Notes, and QSL Log.	\$2.00
<i>Propagation Predictor</i> Divides the year into 27-day segments for tracking solar patterns.	\$2.00
<i>Spectrum Log</i> Covers Tropical and International bands.	\$8.50
<i>NASWA Reprints Catalog</i> A catalog of 800+ pages of info available from past NASWA issues.	\$2.00
<i>Joe Carr's Receiving Antenna Handbook</i> A complete guide for high performance antennas from longwave all the way to the upper end of the shortwave spectrum.	\$19.95 +2.00 s/h
<i>QSL Signers</i> by Al Quaglieri. This is the most comprehensive and up-to-date list of verification signers names, titles, and addresses available anywhere!	\$3.00 PP NA \$5.00 elsewhere
<i>Language Lab</i> by Gerry Dexter et al. Guides to reception report writing. Editions available for Spanish, French, Portuguese, and Indonesian. Tiare Publications.	\$12.00 Each +1.00 s/h

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



# Contributors' Page

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Philadelphia, PA 19142  
Internet: fkohl@ix.netcom.com

## LOGGINGS CONTRIBUTORS-NEXT DEADLINE IS JANUARY 10TH

The following members contributed loggings:

Brian ALEXANDER, Mechanicsburg, PA	NRD-535D 100' LW
Eric BUENEMAN, Hazelwood, MO	ATS-803A homebrew antenna
Rich D'ANGELO, Wyomissing, PA	R8 HF-150 AD Sloper 100' longwire
Ralph FAMULARO, Osaka, JAPAN	ICF SW-55 ATS-803A R-5000 longwire
Bob FRASER, Cohasset, MA	Sony ICF-SW100 Active antenna ICF-2003
Bob HILL, Natick, MA	Sony ICF-2010 w/ Kiwa filters, Sony AN-1
Mark HYMENYK, Weston, Ontario	Magnavox D-2935 Sony AN-60 Grove Tune-3
Marv KAMINSKY, Flanders, NJ	NRD-535D random wire
Jerry KLINCK, West Seneca, NY	
Fred KOHLBRENNER, Philadelphia, PA	R8 NRD-525 Daytong FL-3
Ben KREPP, Chamberlain, ME	R8-A 2010 60m dipole 500/750' beverages
Marie LAMB, Brewertown, NY	HF150 DX392 MFJ-16010 60m LW Loop
Richard LEMKE, St. Albert, Alberta	NRD-535 random longwire
Harold LEVISON, Philadelphia, PA	R8 R70 YB400
Jim McCLURE, Lexington, KY	R8 FRG-7
William McGUIRE, Cheverly, MD	DX-380
Bob MONTGOMERY, Levittown, PA	R390A NRD-525 FL2 ARA60
Don MOORE, Davenport, IA	R8 Two 400' mini-beverages
Ed NEWBURY, Kimball, NE	WJ-1000 R8 60' Sloper 220' loop
Mary Jo ONDRECHEN, Canton, MA	R8 300' random wire
Denis PASQUALE, New Brighton, PA	DX-440 10m longwire
Sheryl PASZKIEWICZ, Manitowic, WI	R8 NRD-525 60' longwire Eavesdropper
Wallace PETERS, Roseville, MN	R8 95' indoor wire
Robert PIETRASZEK, Turners Falls, MA	
Stephen PITTS, Minnetonka, MN	NRD-535D FRG-7 Eavesdropper RW Loop
Ed RAUSCH, Ceder Grove, NJ	R8-A R5000 2010 MJF-959 300'dipole
Jim RENFREW, Rochester, NY	R8 2010 MJF-959B A/D Sloper
Chuck RIPPEL, Cornland, VA	R8-A Lowe Europa HF-225 NRD-515 R390A
Doug ROBERTSON, Oxnard, CA	FRG-8800 FRT-7700 DX-302 D1875 ATS-808
Betsy ROBINSON, Clinton, TN	Sony 2010 Indoor antenna
Mike RYAN, Bangkok, Thailand	R8
Trevor STANLEY, Flagstaff, AZ	Drake SW-8 Eavesdropper Dipole
Kirk TRUMMEL, Springfield, MO	R-391 R-4B Sloper 20m vertical 150'LW
George UHLER, Santa Maria, CA	DX440 ATS-803A 60' Sloper 220' Loop

Ben Krepp's logs were made while on a DXpedition to Pemaquid Point, Chamberlain, Maine with the Boston Area DXer's group. Two of Jim Renfrew's logs were from a DXpedition to Newfoundland with members of the NRC and ODXA. The logs from Rich D'Angelo and yours truly were made at our 14th DXpedition to Gifford Pinchot State Park in Pennsylvania.

Jerry Klinck would like to hear from members who are using the Grove SP-200 speaker/audio enhancer. Send your comments to Jerry at: 43 Lein Road, West Seneca, NY, 14224.

Best wishes, good DX, and Happy Holidays to all!



# Tropical Band Loggings

Sheryl Paszkiewicz  
1015 Green Street  
Manitowoc, WI 54220

By the time you read this, the 1996 Winter SWL Fest will only be three months away. We have a really nice tropical bands column this time. I am on vacation this week of Thanksgiving. My coworkers asked if I was going (deer) hunting. I said I was going hunting. . . for radio stations. We have a pretty good mix this month of stations from all areas of the world.

1660 USA WJDM? 11/2 0012 on & off, Diamond & Valli mx (Alexander-PA)  
2310 AUSTRALIA VLBA 10/10 1151 pops, fair (Brown-NM) 10/18 1118  
US pops, OM DJ (Rippel-VA)  
2325 AUSTRALIA VLBT 10/18 S9 sig //2310 (Rippel-VA) 10/25 1155 C&W  
ABC nx 1230 //2310 (Pitts)  
2340 CHINA Fujian PBS 10/10 1235 CH folk mx //4975 (Brown-NM)  
2360 GUATEMALA R Maya 10/12 1155 OM & marimbas (Brown-NM) 10/19  
1129 locl mx, IDs, QTH (Pitts)  
2390 GUATEMALA LV de Atitlan 10/10 1236 vcls/guitar (Brown-NM)  
3200 SWAZILAND TWR 9/20 0404 GM Christian mx, choir, t/o 0419 (Lamb)  
3205 BRAZIL R Ribeirao Preto 11/1 0820 rel. ID, TC (Rausch-NJ)  
3205.2 NEW GUINEA R West Sepik 10/12 1151 PD pops (Brown-NM)  
3220 SOUTH AFRICA Channel Afr 9/17 0321 EG Good Morning, Religions  
of the World, bugle (Montgomery-PA)  
3230 SOUTH AFRICA R Oranje 10/27 2150 pops, AK ID, jingle (Krepp-ME)  
10/17 0258 Whitney Houston, RTTY QRM (Onarechen-MA)  
3249.8 KALIMANTAN RRI Banjarmasin 10/28 2159 SCI, nx, ID (D'Angelo-PA)  
3249.9 HONDURAS Luz y Vida 10/10 1152 rel guitar mx (Brown-NM)  
3264.7 SULAWESI RRI Gorontalo 10/31 1254\* drama, sudden off (Pitts)  
3280 CHINA Vo Pujiang 10/20 1215 orch mx, drama, ID (Pitts)  
3280 ECUADOR LV del Napo 9/10 0946 SP flutes, ID, brass (Montgomery)  
3289.9 NAMIBIA NBC 11/1 0207 AK/EG pops, rock, EZL, ID (McClure) 9/12  
0130 EG EZL mx, US pops (Montgomery-PA)  
3300 GUATEMALA TGNA 11/7 0600 SP instl, ID, rel drama (Lamb-NY)  
3304.8t TIMUR RRI Dili 10/19 1124 IN? tik & mx (Klinck-NY)  
3306 ZIMBABWE Radio 4 9/20 0333 Afr mx, ID, drums, nx (Lamb-NY)  
3315nf USA WWCW 11/12 0644 EG Luth Ref Hour, ID, Forever Health (Lamb)  
10/20 0914 ex-7435 EG rel, booming in (Alexander-PA) 10/24  
EG tlks on UN, exc (Levison-PA)  
3324.8 GUATEMALA R Maya 10/18 2357 SP ID, RTTY QRM (Pinto-NY)  
3325 BRAZIL R Mundial 9/20 0438 nonstop pops, 0501 ID, tik (Lamb-NY)  
3325t SUMATRA RRI Palangkaraya 10/12 1323 pops //3264.8 (Brown-NM)  
3335 TAIWAN CBS 10/10 1156 Hakkah nx, watery sig (Brown-NM)  
3356 BOTSWANA RB 10/17 0313 pops, tik //7255 (Ondrechen-MA)  
3360.1 GUATEMALA LV de Nahuala 11/13 0520 marimba, election (Rausch)  
10/4 1101 Quechua? tlks (Klinck-NY) prob diff Indian lang--sp  
3366 GHANA GBC 9/20 0530 FC, EG choir, rel, pledge, ID (Lamb-NY)  
3380 GUATEMALA R Chortis 11/13 0540 ID, election update (Rausch-NJ)  
3925 JAPAN R Tampa 10/27 1025 Broadway tunes, ID, YL (Robertson-CA)  
10/31 0845 JP mx, ads, fading, t-p (Bueneman-MO) gd to hr fm U  
3970 ENGLAND R Korea relay 11/10 2012 EG interview, ID (Hill-MA)  
3985 CLAND Echo of Hope 10/27 1019 KR tik, mx, tent ID (Robertson)  
4005 VATICAN VR 11/7 0619 EG nx, ID, IS (McClure)  
4010 KYRGYZSTAN KR 10/4 1810 RS ballads, 1900\* NA, ID (Ryan-THAI)  
4015 VATICAN VR 10/14 0619\* EG nx, IS //4005, 5882 (Alexander-PA)  
4020h ECUADOR LV de su Amigo 10/18 1109 mx, ID, tnx McVicar (Moore-IA)  
4433 UNID 10/15 0020 lang tlks, harmonic? cland? help! (Serra-ITALY)  
4460 CHINA CNR Beijing 11/10 1522 CH ballads, ID //5880 (Robertson)  
4460.9 PERU R Norandina 9/29 0346 SP OM mx, ID (Klinck-NY)  
4463 UNID 10/15 0036 Far East lang songs, tik, poor (Serra-ITALY)  
4485 RUSSIA R Rossii 10/15 0057 RS mx, TP, ID, nx, fair (Serra)  
4485.1 PERU R Frec VH 10/19 0349 SP mx, LV de Celendin ID (Klinck-NY)

4500 CHINA Xinjiang PBS 10/15 0113 tlk, IDs, ads (Serra-ITALY)  
 4606.5t IRIAN JAYA RRI Serui 10/16 1120 YL, flutes, fair (Trummel-MO)  
 4635 TAJIKISTAN TR 10/15 0134 Tajik? songs, ID, IS, nx (Serra-ITALY)  
 \*4682 BOLIVIA R Paititi 10/19 1009 carnival mx, ID, greetings (Moore)  
 4725 MYANMAR RM 10/16 1235 nx? lang, drums, ID, mx (Trummel-MO)  
 4735t CHINA Xinjiang PBS 10/22 0015 instls, IS, nx Uighur (Serra)  
 4753 SULAWESI RRI U-P 11/12 2147 interview, pops, SCI, mx (Lamb-NY)  
 10/28 2130 IN pops, YL, SCI, nx, drifting (Kohlbrener-PA)  
 10/28 2138 IN tlks, SCI, ID, nx fair (D'Angelo-PA)  
 4760 ANDAMAN AIR Pt Blair 10/31 1720 sitar mx, ID (Ryan-THAILAND)  
 4760 LIBERIA ELWA 10/29 2151 EG Encounter, NA 2155\* (McClure)  
 4760 SWAZILAND TWR 10/21 0320 Afr mx, ID (Kaminsky-NJ)  
 4765 BRAZIL R Integracao 10/4 0116 PT mx, anmts, IDs (Klinck-NY)  
 4770 NIGERIA R Nigeria 10/13 0517 EG pol tlk, ID (Newbury-NE) 10/27  
 2158 ID, anmts, mx pgm w/Lisa Alexander host (Kohlbrener-PA)  
 4780.9 ECUADOR R Oriental 11/1 0231 ID, mx on late for El Dia de los  
 Muertos? (Renfrew-NY) 10/22 1000 musica tropical etc (Robinson)  
 4790 PERU R Atlantida 10/15 0159 poi tlk, mx, ID (Serra-ITALY) 10/29  
 0304\* anmts, ballads, ID (Alexander-PA)  
 4795 UKRAINE Vo Russia 10/29 2215 EG nx, ID, poor (Renfrew-NY)  
 4799.8 GUATEMALA R Buenas Nuevas 0228\* ID, FC, NA (Serra-ITALY)  
 4800 LESOTHO RL 10/26 0305 lang mx, poss ID, poor (Hankison-KS)  
 10/22 0341 tent rel pgm, prayers, hymns (Ondrechen-MA) Tnx  
 Mary Jo, yes this was most probably them--sp  
 4815 BRAZIL Rdf Londrina 9/18 2310 PT rel tlk, ID (Rausch-NJ)  
 4821.8v MAURITANIA ORTM 11/13 0027 tlk, Koran, songs (Paszkiwicz-WI)  
 4825 GUATEMALA R Mam 11/13 0230 election, ID, Radio Mam, la voz de  
 Indigenas (Rausch-NJ)  
 4830 VENEZUELA R Tachira 10/21 1040 tlks, LA mx, ID (Newbury-NE)  
 4835 GUATEMALA R Tezulutlan 10/15 0233 marimbas, ID (Serra-ITALY)  
 4835 MALI RTM 10/27 2137 FR pol speech //5995 (Lamb-NY) 10/15 1938  
 Afropops, guitar IS, nx, pol tlk (Serra-ITALY)  
 4845 GUATEMALA R Kekchi 9/17 2320 rel, mx, ID Indian lang (Rausch)  
 4850 UZBEKISTAN UR 10/23 2115 lang chorus, IS, ID, nx (Serra-ITALY)  
 4860 INDIA AIR Delhi 10/12 1316 SC vcls, ute QRM (Brown-NM)  
 4870 BENIN ORTE tent 10/31 0558 tlk, ment Benin, fair (Hankison-KS)  
 10/23 2220 FR tlks, flute mx, Afr songs (Newbury-NE)  
 4874.6 IRIAN JAYA RRI Sorong 10/12 1318 EZL mx, het (Brown-NM) 10/18  
 1145 IN pops, anmts, SCI, nx, nice lvl (Rippel-VA) 10/26 1235  
 IN ballads, ID, SCI, TP, ID (Pitts)  
 4890 GABON RFI 10/24 0454 ID, FC, IS, TP, nx //sev others (Serra)  
 4890 PAPUA NBC 10/27 0957 EG/lang mx, ID, QTH, nx (Robertson-CA)  
 10/20 2030 mx, poor w/4891 QRM so tent (Rippel-ME) 10/24 1050  
 C&W mx, EG ID tlks (Newbury-NE) 9/13 1042 EG tlk sht adoption  
 (Montgomery-PA)  
 4895 INDIA AIR Kurseong 10/15 1530 EG nx, mx to 1700\* (Ryan-THAI)  
 4895 SARAWAK RTM Kuching 10/12 1309 nx, IDs, Black is Black (Brown)  
 4909.6 ZAMBIA ZNBS 10/20 0240 IS, NA, ID, fade after 0300 (Krepp-ME)  
 4910t CAMBODIA Phnom Penh 10/19 1134 pol cmtry (Klinck-NY)  
 4914.5 PERU R Cora 9/23 good in SP (Pinto-NY) time? 10/26 0315 SP  
 jingle, ment Peru, poor (Hankison-KS) 10/21 1050 anthem, Viva  
 Peru shouted, barnyard animals, ID (Newbury-NE)  
 4915 BRAZIL R Anhanguera 10/31 0850 tlk, mx, fair (Bueneman-MO)  
 4915 GHANA GBC 10/25 2257 lang mx, guitar, ID, p-f (Hankison-KS)  
 10/23 2227 tlks, ment West Africa (Newbury-NE)  
 4919 ECUADOR R Quito 9/23 1050 SP mx, promos, TCS (Pinto-NY) 10/15  
 0328 SP ID, mx, good (Newbury-NE) 10/29 0250 EZL mx, ID, fair  
 (McClure) 10/7 0350 SP tlk promos, ID (Newbury-NE)  
 4920 INDIA AIR Madras 10/16 1642 slow violins, tlk (Serra-ITALY)  
 4930.6 HONDURAS R Internacional 10/7 0356 SP ID promos, mx (Newbury)  
 11/1 0255 SP mx, tlk, ment towns in Honduras (Renfrew-NY)  
 4935 KENYA KBC 10/10 0157 s/on anmts //1386, good (Renfrew-NF)  
 10/27 2030 pops, EG nx, NA (Krepp-ME)  
 4945 RUSSIA R Ned Krasnodar 10/27 2120 clas mx, addr, ID (Lamb-NY)  
 10/8 1825 mx, IS, ID, sports //sev others (Serra-ITALY) 10/28  
 2025 EG FC, nx, Nxline, vy good (Krepp-ME)  
 4949.8 ECUADOR R Bahai 9/5 0928 Quechua flutes, tlk (Montgomery-PA)  
 4950 KASHMIR RK 10/12 1505 lang mx, ID, Hindi & EG nx (Ryan-THAI)  
 10/19 0142 lang/EG SC mx, tlk, 0200 ID (Klinck-NY)  
 4955 COLOMBIA RN 11/1 0300 overmod sig, campesino mx (Renfrew-NY)  
 10/24 1059 s/on anmts, ID, NA (Newbury-NE)  
 4960.3 HONDURAS HRET 11/1 0254 EG gospel pgm, SP ID (Renfrew-NY)

- 4965 ZAMBIA Christian Voice 10/17 1810 EG sermons, mx, nx (Serra)  
10/27 1940 Late Nite Extra, fabulous reception (Krepp-ME)
- 4975 BRAZIL R Timbira 10/29 2245 futbol w/2 OM, ID, FC (Kausch-NJ)
- 4976 UGANDA RU 9/18 0355 chorus, EG ID, nx, editorial (Kausch-NJ)  
10/28 to 2100\* mx, NA, great sig (Kohlbrenner-PA)
- 4985 BRAZIL R Brasil Central 9/17 2350 pops, ID, FC, nx (Kausch-NJ)
- 4990.9 SURINAM R Apintie 10/8 0425 EG ID, US pops (Rippel-VA) 11/10  
to 0400\* EZL mx, DT IDs, Apintie drum, NA, fair (D'Angelo-PA)
- 4995.8 PERU R Andina 10/8 0315 strange Andean mx (Newbury-NE) 10/19  
0220 OA mx, anmts, IDs, some ute QRM (Klinck-NY)
- 5000.5 MALI RTM 10/16 2130, not noted here since (Rippel-VA)
- 5003.5 RIO MUNI RN 10/18 to 2204\* SP ID, anmts, NA (D'Angelo-PA)
- 5005 PERU R Jaen 10/18 1045 rel, ment Jaen, folk mx (Moore-IA) 10/24  
0309 gongs, TC, ute QRM (Rippel-VA) 10/27 1031 SP pol speech,  
ID, TC, poor (D'Angelo-PA)
- 5009.5 MADAGASCAR RTM 10/31 0258 guitar IS, YL anmts (Hankison-KS)  
10/27 \*0256 FR IS, NA, anmts, fair (D'Angelo-PA) 10/19 0302  
lang mx, IDs, brief tlks (Klinck-NY)
- 5010 ECUADOR Esc Radiofonicas 11/2 0102 SP ID, tlk, mx (McClure)
- 5010 INDIA AIR Thiru'puram 10/12 0036 nx //1566 (Rentrew-NF)
- 5019 NIGER LV du Sahel 10/17 1748 nx, instls, chants (Serra-ITALY)  
10/18 2201\* FR tlks, mx, ID, anmts, NA (D'Angelo-PA)
- 5019.7 PERU R Horizonte 10/8 0325 LA & Andean mx, poor (Newbury-NE)
- 5030 COSTA RICA AWR 10/6 1045 tlks, slow song, promo (Newbury-NE)
- 5040 COLOMBIA LV de Yopal 10/14 0145 SP pops, ID (Kaminsky-NJ) tent  
10/7 1058 string mx, prayer, fair (Newbury-NE)
- 5049.8 ECUADOR R Jesus 10/3 0951 rel tlk, mx, ID (Klinck-NY)
- 5054.6 COSTA RICA Faro del Caribe 11/1 1100 ID, rooster, rel(Robinson)
- 5060 UZBEKISTAN R Tashkent 10/27 1208 EG tik, mx //6025(D'Angelo-PA)
- 5240t TIBET Lhasa PBS 11/3 1139 CH tlks, mx (Klinck-NY)
- 5290 RUSSIA Krasnoyarsk R 10/18 1040 RS tik, pops, fair (Trummel-MO)
- 5498 PERU R Lajas 10/18 0050 folk mx, comunicados, IDs (Moore-IA)
- 5621 PERU R Ilucan 10/18 1057 LA mx, OM, poor (Trummel-MO)
- 5745 USA WHRI 10/18 EG finance, good (Levison-PA) time?
- 5770 NICARAGUA R Miskut 10/21 2341\* SP tik, pops, anmts, NA (Alex.)
- 5880 CHINA CNR Beijing 11/10 1551 CH love songs, //4460 (Robertson)
- 5882 VATICAN VR 10/31 0757 AR tik, rel mx (Trummel-MO)
- 5900nf BELGIUM R Vlaanderen 11/12 2352-0055 DT/SP/EG nx, Radio World  
(Lamb-NY)
- 5900nf ECUADOR HCJB 11/13 0138 UZ rel, Asian mx, into RS ex-6200(Lamb)

GIOVANNI SERRA reminds us the 1996 EDXC conference will be held in Florence. For details write AIR, PO Box 30, I-50141 Firenze, Succ. 30 ITALY.

This time reports from 14 states, 1 province & 2 countries. Some people were on DXpeditions. Glad to hear from new contributors and former ones with renewed interest. Next deadline December 22.

#### MERRY CHRISTMAS

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# International Band Loggings

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

- 5900 ECUADOR HCJB Quito in EG 0758, "Rendezvous", ID, fays, "In Touch" (Bueneman MO 10/31) in EG 0910-0945, "DX Partyline", greetings to New England BADX crew (Krepp ME 10/28)
- 5910 BELGIUM RVI in EG 2205, ID, "Radio World", interview, QTH, f w/RTTY (Lamb NY 11/12)
- 59538 COSTA RICA R Casino in SP 1130, many ID/TC's, lively LA mx, 700 watts (Trummel MO 10/18)
- 60146 TANZANIA V of Tanzania Zanzibar in SH? 1920-2000\*, tlk in land, lcl folk mx w/Mideast flavor, prayer, nx, chanting, ID 1959, NA (Rausch NJ, Krepp ME, Rippel VA, Alexander PA 10/28-29)
- 6015 CANADA R Austria Int relay in EG 0535, tlk re Austria's role in EuroUnion (McGuire MD 10/31)
- 60153 COLOMBIA R Mira Tumaco in SP 1059, relig pgm w/OM leading prayers (Klinck NY 11/3)
- 60183 PERU R Victoria in SP 0427-0450, ID, TC, chorus, anmts, p, //97204 (Paszkievicz WI 10/14)
- 6055 RWANDA R Rwanda Kigali in lang 1615, hlifc mx, EG pop rx 1640, no EG nx (Ryan THAI 10/9)
- 60699 INDONESIA RRI Jayapura in IN 1357\*, pop IN vlcs, ID, NA at s/oIf (Pitts 11/2)
- 6115 PERU R Union Lima in SP 0704, Peruvian mx, slogan, Yma Sumac? mx, f-g (Lamb NY 9/24)
- 6115 MEXICO R Universidad in SP 1259, marimba mx, nx, ID, ads, low voice mod (Trummel MO 11/1)
- 6135 SWITZERLAND SRI in EG 0100, nx, cmntry on Swiss elections, ID, exc (Levison PA 10/24)
- 61401 BURUNDI R Dif du Burundi in lang 0400, hi-life mx, ID 0400 "Ily a Bu' jum' bura", tlks, drums, Afr chorals, not on air nightly, problem w/QRM from 6145 until 0359 (Rippel VA 10/24)
- 6140nf ALBANIA R Tirana in EG 0230, nx, cmntry, ex-6145, //7160 (Alexander PA 10/29, Pasquale PA)
- 61412 PERU R Concordia Arequipa in SP 1010, nx, ID, fays, echo effect, TC, ad, 1 kw (Trummel 10/23)
- 6150nf IRAN VOIRI in EG \*0028, IS, anmts, Koran, ex-7260, QRM, //6175, 9022 (Alexander PA 10/13)
- 6150 ALASKA KNLS New Life Station in RS/EG 0933, variety mx, tlk, ID, g (Robertson CA 10/26)
- 6160 ANTIGUA Deut Welle relay in EG 0950\*, mx pgm, site ID, fay, sked, g (Robertson CA 10/26)
- 6160 CANADA CKZU Vancouver in EG 1245, wx, ID, "CBC World Report", 500 watts (Pitts 10/20)
- 6180 BRAZIL RN da Amazonia in PT 0916, BR pops, ID, "Jornal Nacional", //11780 (Lamb NY 10/27)
- 6185 VATICAN STATE VR in Ukrainian \*1740, IS, ID, tlk by YL, QRM (Famularo JAPAN 10/28)
- 6185 YUGOSLAVIA R Yugoslavia in EG 2215, cmntry on peace tlk compromises, f (Fraser MA 10/13)
- 6190nf? HUNGARY R Budapest in EG 0226, tlk re Forbidden Radio, f (Lemke ALBERTA 10/11)
- 62038 PERU R Cosco in SP 0945, "Yipping" mx, TC, canned ID, NA 0959, 1 kw (Trummel MO 10/23)
- 6230 ITALY Euro Christian R in EG/lang \*1730, Bach IS, ID, QTH in EG, IT pgming begun at 1930, QRM from RTTY & SSB utp stations, move from 6220? (Krepp ME 10/27, Famularo JP 10/28)
- 6281 PERU R Huancabamba in SP 1058, L Am mx, ID, TC, nx 1102, 1.5 kw, f (Trummel MO 10/23)
- 64202 PERU R Imperial in SP 0000, vlcs, ID, huaynos, tlk w/guitar (Paszkievicz WI, Moore IA 10/20)
- 6472 PERU R Luz y Sonido in SP 0110, folk mx w/flutes, ID, tlk, p (Moore IA 11/9)
- 6536 PERU Rdif Huancabamba in SP 0211, vlcs, echo ID, TC, huaynos, f (Paszkievicz WI 10/3) in SP 1127, ID, slogan "la estacion alegre", f (Moore IA 10/18)
- 66277 PERU LV de San Antonio in SP 0400, ID, huaynos, excited tlks, flute mx (Rippel VA 10/6)
- 68953 PERU R Sensacion in SP 2345-0010\*, Andean vlcs, echo ID, speech, patriotic mx, 500 watts xmtr (Paszkievicz WI 10/18, Trummel MO 10/17, Alexander PA 10 21-22)
- 7090nf? ANGOLA A Voz do Galo Negro in PT 1830-2000+, ID's as "Vorgan" but gave full ID at 2002, fast-paced, slickly produced pgming, formerly 7100 (Hill MA 11/9)
- 7115 YUGOSLAVIA RY in EG 0100, nx, cmntry, press review, feature on Belgrade mx festival, Serbian dance mx, anncd //6195 but not hrd, skeds, g (Alexander PA 11/4)
- 7115nf SWEDEN RS in EG 0230, IS, nx, wx, rpt from UN, still ancing 7120 (Alexander PA, Hankson KS)
- 7125 JAPAN NHK Tokyo in EG 2330, world nx, "Russian by Radio", exc (Levison PA 10/25)
- 7210v nf QATAR Qatar BCS in AR 2130\*, string inst IS, AR mx, Koran, ID, nx (Alexander 10/27, Hill 11/9)
- 7245 ANGOLA R Nacional in PT 0015, DJ w/pop mx selections, ID 2000 (Rausch NJ 10/28)
- 7250nf INDIA AIR Panaji in lang \*0128, IS, ID, nx, sitar mx (D'Angelo PA 10/29, Rausch NJ 10/15)
- 7255 NIGERIA VoN in EG 0548, continuous Afro pop mx, ID, fays, feature (Kohlbrener PA 11/5)
- 7255 BOTSWANA R Botswana in EG 0313, pop songs, tlk, //3356 (Ondrechen MA 10/17)
- 7280nf? TURKEY VoT Ankara in EG 2335, TK mx, good sig but poor on //7185 (Pietraszek MA 10/9)
- 7280nf? SO AFRICA R Tanzania relay in SH 1940, Afr mx, ID, drums, nx (Lamb NY 11/4) Also see below
- 7290nf SO AFRICA R Tanzania relay in SH \*0254-0444/0, SH vlcs, ads, ment Dar es Salaam, rap mx, IS, ID's, nx (Peters MN, Rippel VA 10/5, Paszkievicz WI 10/10, Lamb NY 10/19)
- 7305nf KAZAKHISTAN R Netherlands relay in EG 0052, tlk re UN, //6020, p (Kohlbrener PA 10/28)
- 7335 BULGARIA R Bulgaria in EG 2015, rpt on creation of pure energy industries (Fraser MA 10/19)
- 73849 ALBANIA relay of TWR Monaco in Farsi 1754, sermon, QTH, mx box, IS, f (Hill MA 11/12)
- 7418nf ISRAEL Kol Israel in EG 2005, ex 7415, nx, interview, bulletins re Rabin shooting (Lamb NY 11/4)
- 7420 RUSSIA R Tikhoy Okean via Vladivostok in RS \*1900, IS, tlks, folk mx, variety pgming, ID as "Govorit Vladivostok" (not Irkutsk as listed in PWBR), //12015 etc. (Ryan THAILAND 10/23)
- 7465 ISRAEL Kol Israel in EG/FR 2015, nx, interviews, ID's, into FR 2030 (Ryan THAILAND 10/12)
- 74799 ARMENIA R Yerevan in AR 1900, chimes IS, ID's, into ARM 2000, //4990 faint (Hill MA 11/12)

- 7490 ISRAEL Kol Israel in HB 1945, ballads, promos, nx 2000, //9390, ID "Kol Israel Jerusalem" (Ryan THAI 10/12) ED: PWBR lists both fqys as Reshet Bet(HS) Tel Aviv? Relay of HS by KI?
- 7480nf? BULGARIA RB in EG \*0000, mailbag, ID, nx, //9700 (McClure 11/6, Lemke ALBERTA 10/16)
- 7500nf? MOLDOVA R Moldova Int in EG 2325\*, nx, cmntry, ID, QTH, sked, p/audio (Alexander 10/27)
- 7530 MONGOLIA R Ulan Bator in EG \*1930, IS, ID, feature on democratic change (Ryan THAI 10/12)
- 9000mf/v SUDAN SNBC in EG 1800, "Introducing Sudan", instrum mx, nx 1857, ID as "Radio Sudan" and "Huna Omdurman", nx in AR 1900, fqy 9024 on 11/4 (D'Angelo PA 10/27, Famularo JP 10/28)
- 9025nf/v SUDAN SNBC in EG 1800, pgm format as above (Trummel 11/5, Rausch 10/20, Alexander 10/14)
- 9425 GREECE VoG in EG 0800\*, ID, xmsn target, nx, GK folk songs, fqys, IS (Serra ITALY 9/30)
- 9425 MARIANAS IS KHBI Saipan Monitor R in EG \*0800, ID, nx, relig pgm, //7535 (Serra 9/30)
- 9440 CHINA China R Int Kunming in Cambodian 1125\*, CH mx, YL anncr (Kaminsky NJ 10/14)
- 9460 TURKEY VoT in TK 0828, tlk alternating w/lcl mx, political feature, //11925 (Serra ITALY 10/7)
- 9505 BRAZIL R Record in PT 0946, echo ID's, TC, L Am pop mx (Trummel MO 11/6)
- 9520 SWAZILAND TWR in FR 2010, relig mx, OM ancr, ID 2014, IS, off 2016 (Trummel MO 11/4)
- 9525 INDONESIA RRI Jakarta in THAI/JP/IN 1110-1301\*, Thai svce to 1130, JP to 1200, IN after, ID's in EG 1129&1159, interview, NA at s/off (Krepp ME, Famularo JP 10/26, Pitts 10/25)
- 95299 SINGAPORE R Singapore Int in EG 1250, mellow instrums, ID, nx, f (Hankison KS 10/26)
- 95348 ANGOLA R Nacional in EG 2000, nx, ID, pops, into PT 2100 (Alexander 10/8, D'Angelo 10/28)
- 9538 BRAZIL R Educadora Bahia in PT 0637, tlks, march mx, canned ID, BR pops, f (Lamb NY 10/4)
- 95603 ETHIOPIA V of Peace in EG/FR/Vern \*0428, xylophone IS, ID, tlks, Afr pops (Alexander 10/29)
- 9590 GUAM KTWR Trans World R in CH 1148, relig mx mixing with VOA (Trummel MO 10/31)
- 9605 SINGAPORE BBC relay in Bengali 1355, tlks, ID, nx, subcont mx, into Hindi 1410 (Lamb NY)
- 9610 JORDAN R Jordan in AR to SEAsia 1748, pips, ID, QRM BBC & R Nederlands (Hill MA 11/10)
- 9620 UKRAINE R Ukraine Int in EG 2200, ID, nx re UN 50th anniversary, g (Robinson TN 10/23)
- 9630 BOLIVIA R Fides in SP 1050, fone interview, ads, ID, tlk re Dec elections, QRM (Trummel 10/31)
- 96447 COSTA RICA Faro del Caribe in SP 1301, relig tlks & mx, ID (Trummel 11/5, D'Angelo 10/21)
- 9650nf? BANGLADESH R Bangladesh in EG 1259\*, nx, patriotic mx, cmntry, lcl vocals, ID, uneven audio (Alexander PA 10/21, D'Angelo PA 10/21, Ryan THAILAND 10/21)
- 9665 BRAZIL R Marumbi in PT 0925, relig mx/tlk, ID, steel guitar (Trummel 11/6, Klinck NY 10/14)
- 9670 PHILIPPINES R Veritas in Urdu \*1530, s/on right after KFBS s/off, fqys & ID (Treibel WA 11/14)
- 9670 RWANDA D Welle relay in EG 1900-1949\*, nx, cmntry, site ID in FR, exc (Trummel MO 10/18)
- 9675 BRAZIL R Cancao Nova in PT 0712, cont Christian mx, ID, relig tlk, rooster crows, ballads, prayer service, //6105 (Lamb NY 9/24, Trummel MO 11/6)
- 9680 INDONESIA RRI Jakarta in IN 1035-1358\*, western & Indo pop mx, regional nx, drama, song of the Coconut Islands, ID, choir (D'Angelo 10/27, Trummel 11/2, Lamb 11/3, Hankison 10/26)
- 96802v BRAZIL R Gazeta in PT 1515, live futbol match, ads, ID (Rausch NJ 10/22)
- 9700 USA R Canada Int relay Greenville 0101, spec xmsn on Quebec referendum (Lamb NY 10/31)
- 9705v MEXICO R Mexico Int in SP \*1956, NA, EG ID, nx, LA mx (Alexander 10/21, Trummel 10/22)
- 9710 ITALY RAI Rome in EG \*2024-2045\*, IS, ID, nx, pop mx, //5990, 7110 (Alexander PA 10/29)
- 9730 FRENCH GUIANA China R Int relay in EG 0405, rpt on PLO, cmntry, ID (McGuire MD 10/13)
- 9750 MALAYSIA V of Malaysia in IN 1040, Asian pops, many ID's, nx, exc signal (Krepp ME 10/28)
- 9760 CYPRUS BBC relay in EG 0301, nx re Sarajevo, world financial nx, ID's, f, //9605 (Lamb NY)
- 9760 PHILIPPINES VOA relay in EG 1340, spec EG, "Asia report", nx (Rausch NJ 10/25, Lamb 11/3)
- 97803v YEMEN Rep of Yemen R in EG 1800, nx, mx, press review, NA, to AR 1900 (Alexander 10/14)
- 9780 CHINA Qinghai PBS Xining in CH 0628\*, solo vocals, CH mx, ID, f-p (Famularo JP 10/30)
- 9810 SEYCHELLES FEBA in SH \*1615, IS, ID, choir, relig tlk, QTH Kenya (Rausch NJ 10/22)
- 9835nf? SWEDEN R Sweden in EG \*1230, nx, SW press cmntry, "Money Matters" (Famularo JP 11/1)
- 9840 KUWAIT R Kuwait in AR 1950, Mid East mx, ID 2000, Zarnfir flute mx (Trummel MO 11/4)
- 9845 GABON R France Int relay in FR 0657\*, pop mx, tlk re mx, ID, fqys, IS, f, //6045 (Lamb NY)
- 9850nf? HUNGARY R Budapest in EG 0346, DX pgm, classical & HG mx, ID, f-p, //5965 (Lamb 10/6)
- 9895 MADAGASCAR R Nederlands relay in EG 1425, jazz mx, ID, QTH in India, nx (Rausch NJ 10/25)
- 9940nf? VATICAN STATE VR in EG 1615, relig tlk, ID, IS, also in HD 1515, f (Treibel WA 11/4)
- 9950 EGYPT R Cairo in AL 1710, tlk re doctor, ID "Ju flet Cairo" AR mx, tlk re Muhammad (Lamb NY)
- 11335 NO KOREA R Pyongyang in EG \*0000-0048\*, IS, NA, nx, cmntry, folk mx (Alexander PA 10/29)
- 11605nf? BULGARIA R Bulgaria in EG 1254, environment pgm, ID, "Culture Review" (Serra ITALY 11/02/5)
- 11615 FRANCE RFI in EG 1629, "Club 95", anmt of prize winners from nx quiz, ID, f (Stanley AZ 11/5)
- 11620 INDIA AIR Bangalore in EG \*1328, IS, into EG pgming 1330, //13750 (Alexander PA 10/21)
- 11640nf GREECE V of Greece in EG 2335, nx, into GK lang 2345, //9935 (Alexander PA 10/14)
- 11655 MADAGASCAR R Nederlands relay in EG 1930, nx, features, ID (Fraser MA 10/9, Levison PA)
- 11700 NO KOREA R Pyongyang in EG 2300, IS, ID, NA, nx, cmntry, rpt on arts, g (Stanley AZ 10/30)
- 11700 GABON R France Int relay in EG \*1600-1655\*, IS, ID, intl nx, mx, mailbag (Rausch NJ 10/1)
- 11705 CANADA R Japan relay in EG 1419, R Japan Magazine Hour, "Close Up" (Lemke ALTA 10/17)
- 11715 CANADA R Korea relay in EG 1037, Shortwave feedback, tech pgm (Montgomery PA)
- 11735 FINLAND R Finland in EG 1329, IS, pips, ID, nx, sport nx, wx, mx, fqy (Serra ITALY 10/25)
- 11765 BRAZIL R Universo in PT 0543, preaching before crowd, testimony, tlks over mx, g, //9565 (Lamb NY 10/7) in PT 0935, lengthy tlk, ment Curitiba often, f (Trummel MO 10/17)
- 11760 PHILIPPINES VOA relay in EG 2322, rpt on Korean car Co. buying into Polish mkt (Hankison KS)
- 11785 GABON R Japan relay in IT 0545, ID, fqys, sites, features on JP folklore (Serra ITALY 10/21)
- 11800 ITALY RAI Rome in EG/IT 0049, ID in IT, into EG 0050, nx, ID, IT songs, fo 0100 (Stanley AZ)
- 11810 SO KOREA R Korea in EG 0105, ID, nx read by YL, into C&W mx 0120 (Newbury NE 10/24)

- 11820 RUSSIA R Atlantika via Murmansk in RS 1300, IS, ID, tlks, ezl mx, //7185 (Ryan THAI 10/3)
- 11835 SRI LANKA SLBC in EG 1110, tlk on agricultural research, mx, //17850 (Famularo JP 10/23)
- 11890 OMAN R Oman in AR 1330-1400\*, short Koran pgm, tlks, //15375 (Ryan THAILAND 10/30)
- 11900nf NEW ZEALAND RNZI in EG 0508, nx, ID, pgm re Maoris (Lamb NY, Lemke ALTA, McClure)
- 11905 THAILAND R Thailand in EG 0030, nx, ID, econ nx, //9655, 15370 (Stanley AZ, Moore IA 11/2)
- 11915 BRAZIL R Gaucha in PT 0920, SA & BR nx items, TC's, exc svj for 7.5 kw (Trummel MO 10/17)
- 11930 SRI LANKA R Japan relay in EG \*1700, IS, site ID, intl nx, lang lesson, feature (Rausch NJ 10/1)
- 11970 JORDAN R Jordan in EG 1700, rock concert, ID, nx (Stanley AZ, Newbury NE, Ondrechen MA)
- 11970 UNITED ARAB EMIRATES Abu Dhabi in EG \*2200-0000, chimes 2200, NA, opening ancmts, relig recitations, Koran, f, //11885, f and 13605 very weak (Alexander PA 10/13)
- 11980 HAWAII KWHR Naalehu in JP 2150, relig pgm, EG ID, fqys, to 17510 @ 2200 (Stanley AZ 11/1)
- 11995 PHILIPPINES FEBC in EG 1515, relig sermon & mx, QTH, ID, fqy, nx (Serra ITALY 10/21)
- 12000 MONGOLIA R Ulan Bator in EG 0914, tlk on Mongol cultural history (Famularo JP 10/29)
- 12015 GABON R France Int relay in EG 1729, feature, nx, gospel mx, mail, ID, g (Stanley AZ 10/29)
- 12020 VIETNAM V of Vietnam in EG 2331, YL w/ID and story about Cambodia (Hankison KS 10/26)
- 13605 IRAN VOIRI in IT 1242, new pgm in IT lang w/R Italia? ID, Islamic history (Serra ITALY 10/1)
- 13605 AUSTRALIA R Australia in CH 1135, YL anncr w/ID in CH lang (Kaminsky NJ 10/14)
- 13625 FRENCH GUIANA R France Int relay in EG 1250, "Arts in France" (Fraser MA 10/9)
- 13645 FINLAND R Finland in FN/SW 1630-1700\*, TC, ID, nx?, interview, tlk, g (Stanley AZ 11/1)
- 13670 BELGIUM RVI in EG 1334, nx, ID, "Radio World", this xmsn on Suns only, g (Lamb NY 10/12)
- 13710 BOTSWANA VOA relay in EG 1905, nx with sports, current affairs, //15410 (Serra ITALY 10/20)
- 13732 INDIA AIR via Bangalore in AR 1955, slow speed nx, Mideast mx (Trummel MO 10/30)
- 13745 AUSTRALIA RA in EG 2236, "Business Weekly" re Asian investment, ID, f w/QRN (Lamb 10/27)
- 13750 COSTA RICA AWR in EG 2300, ID, relig tlk, "Family Forum", f w/QSB (Stanley AZ 10/20)
- 13785 NO KOREA R Pyongyang in FR 1925-1949\*, pop vocals, ID, nx 1930, g (Trummel MO 10/30)
- 13830 CROATIA Croatian R Deanovec in lang 1910, nx, orch mx, ID's, xmsn to ECNA (Trummel 10/30)
- 15050 COSTA RICA RFPi in EG 2213, tlk on child welfare workers in India, ID 2336 (Stanley AZ 10/18)
- 15130 NO KOREA R Pyongyang in EG 0000, ID, NA, cmntry, reading speech (Stanley AZ, Pasquale PA)
- 15135 INDIA AIR Delhi in HD/EG \*0227, ID's in both langs, ad string, morning nx (Famularo JP 10/19)
- 15150 CANADA RCI Sackville in EG 2113, nx re native armed standoff in B.C., ID (Humenyk ONT)
- 15165 UZBEKISTAN Uzbek R Tashkent in lang 1108, continuous chants, IS, ID, nx (Serra ITALY 10/29)
- 151858v EQUATORIAL GUINEA R Africa in EG 1744, lots of fervent relig tlk (Hankison KS 10/27)
- 152049 ALGERIA R Algiers Int in EG \*1759, NA, fqys, nx, pops, econ tlk, //11715 (Alexander PA 10/14)
- 15240 SO AFRICA Channel Africa in EG 1555-1655\*, pop mx pgm, preview, ID, fqys, nx, features, s/of abrupt with no IS, carrier cut in mid-sentence (Krepp ME 10/28, Lemke ALBERTA 10/17)
- 15270 RWANDA Deut Welle relay in EG 2111, tlk on Bosnia peace negotiations and Russian parliament elections, ID, rpt on UFO sightings? in Hungary (Robertson CA 11/9, McGuire MD 10/5)
- 15315 NETHERLAND ANTILLES R Nederland relay in EG 1923, classical mx, fqys (Humenyk ONT)
- 15390 ROMANIA RRI in EG 1335, tlk on RM relig & cultural identity, orch mx, ID (Famularo JP 10/23)
- 15435 UNITED ARAB EMIRATES R Dubai in EG 0530, pips, local TC, world nx (Famularo JP 11/3)
- 15435nf? SO AFRICA R Tanzania relay in SH? 1255, carrier on 1255, ID as "Radio Tanzania" @ 1300, into nx w/mnt of United Democratic Front, Dar-es-Salaam etc. (Krepp ME 10/28)
- 15450 PHILIPPINES FEBC in EG 0000, IS, ID, relig songs & mx, p w/heavy QRN (Stanley AZ 11/1)
- 15459 COSTA RICA TIAWR in FR 2212, relig tlk, ID's, inst mx, health tlk, //13750, f (Lamb NY 10/27)
- 15480 ISRAEL Kol Israel in AR 1755, Pgm D Service w/tlk re Jerusalem, AR mx, ID, nx? (Lamb NY)
- 15530 AUSTRALIA RA in EG 1151, mx pgm, ID, fqy, pips & TC, world nx (Serra ITALY 10/29)
- 15575 SO KOREA R Korea Int in EG 0140, finan & world nx, lang lesson (Uher CA 10/19) in FR 1829, cmntry by OM (Humenyk ONT) in EG 2300, ID, NA, nx, rpt on KR economy (Stanley AZ 10/23)
- 15620nf SLOVAKIA AWR in AR 0800, ID in EG/FR/GM/SP, long sermon (Famularo JP 10/30)
- 15650 GREECE V of Greece in EG/GK 1436, nx in EG, into GK 1448, //9420 (Alexander PA 10/14)
- 156746 HONDURAS R Copan Int relay of R Marabu in EG 2017-2132, anmnt that Oct 31 will be last day of best for Copan on this fqy. Will go off air to upgrade xmr. WRMI on 9955 will announce into on return of Copan in the coming months (Ondrechen MA 10/27)
- 156748v PAKISTAN RP in EG/lang 1400, nx, ID, lcl mx, g, //135902 weak (Alexander PA 10/28)
- 15770 ICELAND Reykjavik in IC 2008\*, tlk by OM/YL, 45 min xmsn //13860 (Trummel MO 10/24)
- 17805 ROMANIA RRI in EG 0711, cmntry on nuclear weapons testing, ID, pop mx (Famularo JP 11/3)
- 17825 UNITED ARAB EMIRATES R Dubai in EG 1600, lite mx, "Arab Scientists", nx, into AR 1640. //13675, 15395, 21605 (Alexander PA 10/15)
- 17830 ASCENSION IS BBC relay in EG 2021, interview of & quotes from kids, ID (Robertson CA 11/9)
- 17860 AUSTRALIA RA in EG 0300, ID, nx on Iraq sanctions, pop mx, fo 0315, f (Stanley AZ 10/19)
- 21490 ASCENSION IS BBC relay in SH 1629\*, Afr current affairs, ID, pops //15420 (Serra ITALY 10/16)
- 21750 RUSSIA R Atlantika in RS\*0200, ID "Govorit Murmansk, R Atlantika", jazz (Famularo JP 10/18)
- CLANDESTINE STATION
- 6870 SOMALIA R Mogadishu in Som/AR 2000-2059\*, tlks, mx break, Koran, NA (D'Angelo PA 10/28)

There's just enough room left here to extend my very best wishes for a Merry Christmas and a Happy New Year to all NASWA members and to thank all those who contributed their loggings this time and in past months.

# the **QRPV** page

COMMITTEE TO PRESERVE RADIO VERIFICATIONS

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



To South America this month for two of the more interesting stations there. • HJLABE was operated by Antonio and Rafael Fuentes. During the time that "Tony and Rafa" went to the Univ. of Pennsylvania in Philadelphia, and St. Luke's in Wayne, New Jersey, they spent about six months at WEAF where they were known as the "Spanish Duet." Perhaps it was there that they learned good QSLing practice. Their station was widely heard in the mid-30's, and was reportedly a very good verifier. • An even better known station was Emisora "El Prado." A very nice history of this station can be found in Rich McVicar's outstanding article, "It's In the Family: Ecuador on Short Wave," in the 1992-93 volume of *Proceedings*. After earning an engineering degree at Yale and working as an engineer for RCA in the United States, Carlos Cordovez returned to the family business in the El Prado mill in Riobamba. At the suggestion of a teacher in the local high school, Cordovez built a small, 25-watt transmitter at the mill, putting Ecuador on shortwave in the very early year of 1925. The station became "official" in 1929 and operated for the next 10 years. Carlos Cordovez was also well known on the ham bands as "Amigo Carlos," HC1FG. • The Committee to Preserve Radio Verifications is always looking for QSL's--particularly vintage material--that are in need of a new home. If you know of any, please contact me at the address shown above. Thanks!

## FABRICA DE TEJIDOS DE "EL PRADO"

CORREOS:  
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BOGOTÁ  
ECUADOR

CABLE Y TELEGRAMA:  
"PRADO"

March 13/34

Mr.  
Geo Sallade  
649 Yeater Place  
Binking Spring, Penna

Dear radio friend:

We are pleased to acknowledge receipt of your report of reception of our programs of:-

Feb 22- 1934, ..

verification of which we gladly give you herewith.

PRADO is on the air regularly every Thursday night from 9 to 11 p. m. EST - 0200 to 0400 GMT, on a wavelength of 45.31 mts.

We hope our programs will continue to be of your liking, expecting to receive further reports from you and thanking you in advance for any suggestions you may make.

Yours in radio,

ESTACION RADIODIFUSORA DE "EL PRADO"

73 --

A Committee of the Association of North American Radio Clubs

**9TH ANNUAL**

# WINTER SWL FESTIVAL

March 14-16, 1996

Holiday Inn

Sunnyside Pike

Kulpsville, Pennsylvania

We will officially open the Ninth Annual Winter SWL Festival Forums on Friday morning and continue all day Saturday. As usual, there will be door prizes, station freebies, (please bring items to be donated for the silent auction), and a banquet on Saturday night. New this year, bring items for sale or swap for an equipment swap meet on Friday afternoon. Also new, bring your receivers to let others try out!

The Forums will include:

- A scanner in your future?
- The Zenith archives
- ANARC Forum
- Setting up the shack
- Easy listening
- The year in pirate radio
- Care & Feeding of Boat Anchors
- Computers in the Radio Hobby
- The Zen of DXpeditioning

And More To Be Announced...

Registration Options-

- FULL — Includes forums, hospitality room, lunch and banquet — \$35
- PARTIAL — Includes forums, hospitality room but NO meals — \$17
- SPOUSE — Includes hospitality room and meals — \$19

GRAND PRIZE To be announced

SPECIAL Register early and win a SW portable! Your registration received by midnight February 11, 1996 will allow you one FREE entry towards this early bird registration door prize.

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

Checks should be made payable to WINTER SWL FEST. Registration for hotel rooms should be made directly to the Holiday Inn at (215) 368-3800 As soon as possible! Special rates - \$59 single, \$64 double. Our function code with the hotel is WINTER SWL FEST. Please refer to this to get the special room rates. Listen to the ANARC SWL NET on 7.240 LSB at 10 AM Sundays for up to the minute info.

The Holiday Inn is located at EXIT 31 of the PA Turnpike Northeast Extension-Lansdale Interchange. Improved access from the south with the Blue Route—ask for details. Limo service is available from Phila. Intl Airport directly to the Holiday Inn.

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

Winter SWL Festival  
PO Box 591  
Colmar, PA 18915

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

Circle: FULL PARTIAL SPOUSE (Spouse Name: \_\_\_\_\_)

Banquet - Check: Roast Beef \_\_\_\_\_ Chicken \_\_\_\_\_ Registration Fee Enclosed: \$ \_\_\_\_\_

I wish to purchase \_\_\_\_\_ raffle tickets Tickets Fee Enclosed: \$ \_\_\_\_\_

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

Total check/money order enclosed: \$ \_\_\_\_\_

Registration cancellations after 2/28/96 cannot be refunded, however we will refund raffle ticket money if you have to cancel.

# New from Gilfer Shortwave

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## Active Receiving Antennas for HF and VHF/UHF

### Dressler ara 40 HF Active Antenna

Dressler's newest HF antenna, designed as a low-cost match for portable receivers (Grundig Satellit 700 & YB400, Sony ICF-2010 & ICF-7600G, etc.) as well as low-end table-top models (Lowe HF-150, Yaesu FRG-100, etc.). Similar design to the ara 60 antenna but with reduced gain (approx. 3 dB) to avoid overloading of sensitive portable receivers. Constructed from anodized aluminum, with a fiberglass whip antenna element. Includes adjustable attenuator (0-20 dB). Install indoors or outdoors. Requires 12VDC power supply (optional)

**Gilfer Price: \$199.95 (+\$10 s&h) Order #D04240**

### Dressler ara 60 HF Active Antenna

Better than ever, the newly redesigned ara 60 offers more gain and better performance than the ara-40, making it the perfect partner for high-end receivers such as the Drake R8A, JRC NRD-535, Watkins-Johnson HF-1000, etc. Featuring superior strong-signal handling capability, +50dBm third-order intercept point. The 95 cm (approx. 3 ft.) fiberglass whip element feeds a low-noise FET transistor followed by a wideband impedance transformer in order to pick up weak signals without excessive loss. An ultralinear final amplifier then amplifies the signal further for a maximum overall gain of 10 dB ( $\pm 0.2$  dB). An adjustable attenuator (0-20 dB) allows reduction of gain in event of overloading. Requires 12VDC power supply (optional)

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### Dressler ara 2000 VHF/UHF Active Antenna

The successor to the popular ara 1500 model which was the number one wideband VHF/UHF active antenna, the new ara 2000 utilizes a GaAs-FET amplifier for maximum gain (11-13 dB up to 1.5 GHz) and minimum noise figure (1-2.5 dB), while delivering excellent third-order intercept point performance (+40 dBm below 500 MHz, +43 dBm above 500 MHz). Coverage from 50-2000 MHz, circular polarization, N-type coax connectors. Housed in a UV-resistant cylinder less than 18 inches tall and about 3.5 inches in diameter, the ara-2000 is easily hidden from landlords and neighbors! Includes mounting hardware and 15 meters of RG-58 coax cable. Requires 12VDC power supply (optional). We highly recommend this antenna for use with the Icom IC-R7000/R7100, AOR and Realistic Scanners, and any other wideband receivers.

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## FIRST CLASS MAIL



The Journal of the  
North American Shortwave Association

ISSN 0160-1989

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