



# the JOURNAL

## NORTH AMERICAN SHORTWAVE ASSOCIATION

Volume XXXVI Number 12

December 1996

**NASAA** the JOURNAL  
NORTH AMERICAN SHORTWAVE ASSOCIATION

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**RADIO ORANJE**

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**AWARDS**

Special Awards, Honorary Awards, and other awards presented to members of the Association during the year.

1996 Special Awards

1	Special Award for Outstanding Achievement	John J. Smith
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10	Special Award for Outstanding Achievement	John J. Smith

Honorary Awards

1	Honorary Award	John J. Smith
2	Honorary Award	John J. Smith
3	Honorary Award	John J. Smith
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7	Honorary Award	John J. Smith
8	Honorary Award	John J. Smith
9	Honorary Award	John J. Smith
10	Honorary Award	John J. Smith

Other Awards

1	Other Award	John J. Smith
2	Other Award	John J. Smith
3	Other Award	John J. Smith
4	Other Award	John J. Smith
5	Other Award	John J. Smith
6	Other Award	John J. Smith
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# Holiday Greetings

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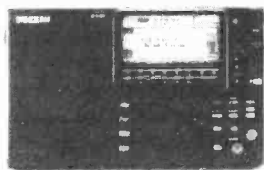
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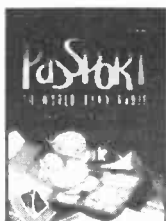
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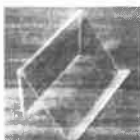
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# NASWA Notes

**Richard A. D'Angelo**

2216 Burkey Drive

Wyomissing, PA 19610

Genie: RDANGELO3

Internet: r.dangelo3@genie.com

Season's greetings to all members! It's hard to believe another calendar year has come and gone!!

A have a special request to make to long time NASWA members. I am looking for "Frendx" bulletins prior to August 1966 (the month/year we became all shortwave broadcast). I would like to expand the "25 Years Ago" feature with excerpts from the "early days" of the club. Original bulletins would be fine if you are willing to part with them; copies would be okay too. Or, you could ship them to me and I will have copies made. Your original Frendx's would be shipped back to you faster than you can say "Fred Kohlbrenner." Please contact me at either the masthead address or my Internet address <r.dangelo3@genie.com> if you can help. Thank you!

The Association of North American Radio Clubs election for Executive Board positions is now complete. Elected to serve a two year term commencing January 1st is **Jon Cohen**, **Bill Cole**, **John McColman** (re-elected), and **John Vodenik** (re-elected). They join **Skip Arey**, **Harold Cones**, and **Mark Meece**, who each have one year remaining on their current terms. At year-end, I will officially "retire" as a member of the Executive Board and as its Chairman thus ending 5+ years of executive involvement with the association. Member **Dave Marshall** also retires at year-end. The 1997 Executive Board selected a new Chairman for 1997 from among its ranks. Congratulations to our own **Mark Meece** who steps into the Chairman's role after serving on the Executive Board for three years. Please join me in

## ANARC SWL Ham Net

Tune in Sunday mornings at 10 A. M. Eastern Time on 7240 LSB for the latest in shortwave, medium wave and longwave 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. Contributions are also accepted via the Internet Relay Chat (IRC) channel #swl while the net is in progress. The net moves to 3940 LSB after the 40m session closes for an informal session. Net Controls Tom Sundstrom W2XQ, Hausie WB4JSP, Dave Kirby N1DK, ex-N8JQX, and Bob Curtis W1EXZ host an always lively gang of DX monitors. (Best heard in the eastern half of NA) Net info also available at <[http://www.trsc.com/swl\\_net.htm](http://www.trsc.com/swl_net.htm)>.

wishing Mark "all the best" as ANARC heads into the next century.

Speaking of ANARC, NASWeb and anarc.org webmaster **Ralph Brandi** wants to inform users of NASWeb that its location is changing this month to the ANARC web server. After December 1, the web site can be accessed at the easier-to-remember URL <<http://www.anarc.org/naswa/>>. The old site will continue to be maintained until the end of the year, but after that, anyone accessing the site will need to use the new address.

**Don Jensen** and the Country List Committee are spreading a little holiday cheer this year. A new radio country has been added to the list. Check out Don's column this month for an update. A reminder that the Country

**Our Motto is - "Unity and Friendship"**


**NASWeb**

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

List and Awards Program booklet can be purchased from **Kris Field** at the Company Store address on the back cover. Just \$2.00 brings a wealth of valuable information for country counters and award chasers. No DX'er should be without it.

Let's make a New Year's resolution to support as many columns as possible in the coming year. This club can only exist and

prosper with the active support of its membership. It is the club members, newcomer and veteran, that make the Journal tops in the field of shortwave broadcast coverage. I and the entire editorial team merely serve as a conduit for the information.

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

## Calendar Of Events

**Dec 20 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 20 Meeting.** Boston Area NASWA Chapter. The Lexington Club, Rts. 4 & 225, Lexington, MA at 7:30 PM. The location is 1/4 mile west of Rt. 128, Exit 31. For more information contact Paul Graveline at 508-470-1971 or Internet: 74007.3434@compuserve.com. Check the BADX Web Page: <<http://www.grove.net/~badx/>>.

**Dec 21 Meeting.** The Miami Valley DX Club (all band orientation) meets at 1:00 PM. For more information plus this month's meeting location contact Dave Hammer at 614-471-9973 or write to MVDXC, Box 292132, Columbus, OH 43229-8132.

**Jan 11 Meeting.** The Tidewater SWL's meet at 6:30 PM. For more information plus meeting location contact Joe Buch at 804-721-2782 or Internet: joseph.buch@dol.net

**Mar'97 Contest.** 1997 North American DX Championships. Further information will be published in the Journal or you can send a self-addressed stamped envelope to 1997 NADXC, c/o Dr. Harold Cones, 2 Whits Court, Newport News, VA 23606.

**Mar'97 Convention.** The 10th Annual Winter SWL Festival will be held at the Kulpville Holiday Inn (Exit 31 on the Northeast Extension of the Pennsylvania Turnpike) on 13-15 March 1997. Organized by the infamous "gang of three" (Messrs. Brown, Cones, and Field) this all wave gathering attracts over 200 hobbyists each year. Further details and information will appear later this year.

**Jun'97 Convention.** The 31st Annual European DX Council ("EDXC") Conference will be held on 20-22 June 1997 at the Hotel Lazne in the eastern part of the Czech Republic. It will be organized by the Czechoslovakian DX Club. 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](mailto:r.dangelo3@genie.com)) or Ralph Brandi (Internet: [rbrandi@lucent.com](mailto:rbrandi@lucent.com)).

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

A photo page featured Edward Pyatt and Lawrence Magne. Plans were made to have the January and February Friendx issues published in Norfolk by Ed Shaw to give Bill Eddings a breather. Nominations were being received for the Board of Directors and the Man of the Year award. Charlie Loudenboomer writes about meeting Santa Claus. In the ANARC Report, Ed Shaw notes the change of address for the Newark News Radio Club because of the possibility that the Newark Daily News could close down. In his Shortwave Center column, Bill Matthews writes about "Austria Calling."

## Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Fred Kohlbrenner** (2641 South Shields Street, Philadelphia, PA 19142). He will forward them to the appropriate editor. Remember, Fred has now expanded his business to include QSL report information and totals for the **Scoreboard** column. He can also be reached through the Internet at: [fkohl@ix.netcom.com](mailto:fkohl@ix.netcom.com).

## 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 solely 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)*

**Charles J. Shaw** <[cshaw@epix.net](mailto:cshaw@epix.net)>, 71 Orchard St., Glen Lyon, Pa. 18617-1243

Well, it appears that those wacky guys at the NASWA Lab have been at it again. Get a load of this one.

I was sitting in front of my R-8, nursing a glass of good bourbon, and just roaming the bands when I stumbled upon that elusive pirate Tidewater Tex on 6.955 MHz. Apparently, reported Tex, one of the NASWA technicians was doing some end of the year lawn maintenance and was having a devil of a time yanking out clumps of unwanted grass that were encroaching onto his patio and sidewalk.

"Man, this stuff is as tough as wire," he said, and suddenly got that far away, vacant look in his eyes that is so typical of an "engineer in high gear."

Around sunset, his lovely wife, Inez, found him in this state and, having gone through this numerous times before, gently led him into the family station wagon and promptly delivered him to the NASWA Lab.

He emerged several weeks later, none the worse for wear, as happy as a clam.

At this point, the gods of propagation started playing tricks with the ionosphere, but the way that I understood Tex's report, this technician along with his team leader - who was only identified by the initials J.B. - have come up with a species of grass that conducts electricity: living wire!

Are these boys good, or what?

Evidently, you can grow a patch of this pale yellow, vine-like ground covering, cut it to any length that you need, hook it up, and, when it dries, it becomes as rigid as wire and conducts electricity.

Need more? Go out back and cut some! Imagine that!

I can honestly say that I'm as proud now of being a NASWA member as I've ever been, and I look forward to purchasing some Living Wire seeds from the Company Store as soon as they become available.

Go, NASWA, go!

# Easy Listening

**Richard D. Cuff**  
1016 Chestnut Ridge Drive  
Timonium, MD 21093-1716  
CompuServe: 73651,153  
Internet: rdcuff@worldnet.att.net

## Season's Greetings

The Christmas and New Year's holidays often provide opportunities for special celebrations and parties, and also prompt special programming on domestic radio and TV outlets. Shortwave is no exception, as several broadcasters plan special Christmas and year-end programs. The *Target Topics* section below highlights these. As this is the issue of the *Journal* you'll have in your hands on January 1st, I have also included a New Year's reflection of my own further on the column. Hopefully you'll still be paying attention then!

## Target Topics: Holiday Programming

This section is organized a bit different from normal installments, in that I haven't picked off a special type of program from broadcasters' regular schedules. Instead I've attempted to obtain advance information on seasonal programs planned for the Christmas and New Year's holidays. Since there's no way to preview these programs, Peter Bowen gets a month's respite from his regular contribution.

This list of highlights is sorted by air date for each broadcaster.

### HCJB—The Voice of the Andes

One might anticipate HCJB having special Christmastide programming, given their evangelical mission, and they indeed have several programs that incorporate the holiday theme.

Friday, December 13th, 0100: **Studio 9** trades its normal Latin America focus for a Christmas focus as the program tells the story behind the song of the Christmas classic, *It Came Upon a Midnight Clear*. Plus, a special reading by a special voice the entire family will enjoy.

Tuesday, December 17th, 0100: **Studio 9** maintains both a Latin and Christmas theme as the program looks at the unique trade of a Christmas booth vendor in HCJB's host city of Quito. Quito takes on a very festive air this time of the year, and **Studio 9** catches the spirit of the city.

Saturday, December 21st, 0200: **On-Line** brings a gift idea you've probably never thought of before: Israel is definitely worth a visit, but why not bring the Bible to life in your own back garden? A young horticulturist has produced a novel gift pack containing everything needed to plant a Bible garden...so get your hyssop at the ready. Christmas music is also featured.

Sunday, December 22nd, 0110: **DX Partyline** gets into the Christmas spirit by traveling to the North Pole—North Pole, Alaska, that is. Licensed to North Pole is a fascinating radio station, KJNP, which broadcasts Christian programming throughout the remote reaches of Alaska and Canada. KJNP's founder, Don Nelson, was featured as a story subject in the dramatic program *Unshackled* several years back, and HCJB will include that broadcast as part of this program.

Monday, December 23rd, 0110: **Saludos Amigos** host Ken MacHarg will host a classic rendition of Charles Dickens' *A Christmas Carol* that was originally broadcast in 1939. That's Ken's second-most favorite Christmas story; the first is the biblical account of the birth of Jesus in the Gospel according to Luke.

Tuesday, December 24th, 0100: **Studio 9** waxes nostalgic—part of Christmas tradition—and brings back the voices of Paul Bell, Lenin DeJanon and Mary Jane Sandahl for a special rebroadcast of a program from 1987 entitled *Call of the Andes*. Join them as they look at Ecuadorian Christmas customs

from the past, many of which are still observed today.

### **BBC World Service**

The BBC is no stranger to seasonal programming, either, with the following special offerings:

Tuesday, December 24th, through Saturday, December 28th, 0445: **Off The Shelf** features five stories in a collection entitled **A Caribbean Christmas** that reflect the unique ways the season is celebrated in the islands.

Tuesday, December 24th, 1502: **A Festival Of Nine Lessons and Carols** airs live from the chapel at King's College, Cambridge, with the audience joining choir and congregation for this service which has been held since 1918. Traditional carols are intermingled with newer compositions; this year's newly commissioned carol is *Pilgrim Jesus!*, written by American composer Stephen Paulus. Repeated to the Americas 2230 UTC.

Wednesday, December 25th, 0315: **Christmas Live from the Archive** unearths—no, make that dredges up—the worst of Christmas music. Probably more entertaining than the other Christmas turkey you'll encounter. If once is not enough, you can torture yourself again at 2230 to the Americas.

Wednesday, December 25th, 1505: **Sporting Year—A Personal View** looks at the heroes, heroines, triumphs and disappointments of 1996, from the eyes of a committed professional sports fan. Also airs to all regions 0945 but may be tough to catch in North America at that time.

Wednesday, December 25th, 1600 and 2100 UTC: **Her Majesty The Queen's Message to the Commonwealth** is part of many Christmas celebrations around the world; the 1996 version airs at these times, followed by the World News. First airs 0900 Christmas Day.

Wednesday, December 25th, 2245: **The Funny Side Of Sport** looks at mistakes and bloopers from the BBC and, perhaps, other presenters. Fairness, decency, and good taste

are not adjectives one would use in association with the program. First airs 1245 to the Americas.

Thursday, December 26th, 0130. **Outlook** interviews Alastair Cooke, reflecting on the 50th year of **Letter From America**.

Friday, December 27th, 0330: **Focus On Faith** originates this week from Bethlehem, the birthplace of Jesus. The intertwining of Bethlehem's present-day Muslim heritage with its Christian past, couple with the political overtones of the Middle East peace process, are explored with local religious readers. Also airs 1130 Fridays to the Americas. The following Friday **Focus On Faith** looks at the life of young Jesus, focusing on the ancient stories about him which were not accepted into the bible.

Unfortunately, no other broadcasters provided Christmas or New Years' highlights in time for the December deadline; hopefully I can change that for next year!

## **BBC World Service Highlights**

The BBC World Service offers interesting programs in addition to the holiday features shown above; following are some highlights.

### **News, Current Affairs, Documentaries**

Sundays, beginning December 22nd, 1401: **International Question Time** returns for a six-part one-hour series. Sheena McDonald once again hosts this program which answers listeners' questions put live to a panel of distinguished guests. There is no set agenda for each program. You may phone the BBC from 1200 UTC onwards on the day of the program at +44-171-379-7444 and leave your question on the answering machine; the BBC will return your call at their expense if you're selected to participate. Questions may also be faxed to +44-171-240-8776, or E-mailed to [worldservice.letters@bbc.co.uk](mailto:worldservice.letters@bbc.co.uk), and mailed to *International Question Time*, Room 607 SE, at the usual Bush House address. Edited versions of the program are rebroadcast Sundays 2115 to the Americas and Mondays 0815 to Europe and Africa

## Music

Sundays, through December 15th, 1401: **Pop On The Line** wraps up another series of programs, with *Dire Straits* vocalist/guitarist Mark Knopfler on December 8. You can contact **Pop On The Line** at the same phone numbers shown above for **International Question Time**. A 45-minute edited repeat airs Sunday 2115 to the Americas.

December 12th, 0130: Outlook marks the 50th anniversary of UNICEF with the BBC's UN Correspondent, Rob Watson, and an interview with Jane Seymour, UNICEF's most recently appointed ambassador. Tuesday and Wednesday, December 31st and January 1st: **Outlook** looks back at its 30 year history with two special programs on the 1960s, with Yoko Ono, Charlotte Rampling, and Roger Moore among the guests. First Americas airing is 1405 the previous day.

## Drama and the Arts

Thursdays, 2315: **Record Progress** is a six-part 15-minute mini-documentary series on the steps involved in recording a classical CD. December installments cover the recording sessions and the post-session editing, booklet design, and liner notes preparation. Also airs Wednesdays 1515 to the Americas, and Sundays 1645 to Africa.

Fridays, 0030: **Good Books** is a weekly program where various presenters discuss favorite literary classics from around the world. December highlights include classics in the languages of several World Service broadcasters. Rita Weisman talks about the Russian short story *islanders*, written by Yevgeny Zamyatin in 1917; Achala Sharma talks about the Hindi novel *The Gift of A Cow*, written by Premchand. Also airs Wednesdays 1445 to the Americas and Africa.

Saturdays, 2230: **Play of the Week** highlights for December:

*The School for Wives*, December 7th, one of Moliere's best loved comedies about a man raising a young ward, Agnes, whom he hopes to marry but does not want to see

exposed to the independent ways of contemporary women.

*The Piano Tuner's Wives*, December 14th, was written by William Trevor especially for the World Service. It's sent in Ireland's county Cork and features a blind-since-birth piano tuner and his long-term marriage and a new lover who arrives on the scene after his wife's death.

*Pinocchio*, December 21st, might not be 100% recognizable by someone weaned on Disney's version; for example, Mr. Cherry discovers a talking log when he tries to cut a new leg for his kitchen table. Cherry then gives the log to Gepetto, who carves the puppet into existence.

The World Service once again is holding an **International Playwriting Competition**, with entries due by May 31st, 1997, and winners to be announced October 5th, 1997. You may obtain a complete copy of rules and guidelines for submission by writing to the **BBC World Service Playwriting Competition** at the usual Bush House address.

## Science and Technology

Tuesday, December 24th, 1530: **Discovery** features *From Digits to Divas*, charting the development of computer music from its 1940s origins to the hyper-instruments of 1996. The role of digital technology in the renaissance of music is considered. The December 31st edition features an encore presentation of *How Music Maps the Mind*, a look at how music is processed in the brain and how it is central to our mental makeup. Also airs to Africa at 1401, and to Europe at 1830.

## New Year's Resolutions

The milestone of another year's passing gives me an excuse to reflect on the world of Easy Listening and the shortwave hobby. 1995 has seen a continuing fragmentation of program delivery methods for the world's international broadcasters, with continuing adoption of satellite- and Internet-based delivery becoming increasingly common, with a corresponding reduction in the use of Short-



wave. Most broadcasters seem to have adopted a parallel distribution stance, but this has also added budgetary pressures as broadcasting organizations rethink their methods of delivering information abroad. 1995 saw budgetary pressures increase on three top English language broadcasters, as the BBC reorganized, and Radio Canada International and Radio Australia continued to withstand funding cuts.

As I've said before, unless we listeners take the initiative of letting our favorite broadcasters know that we listen, and provide specific feedback on what we like and dislike, pressures to scale back operations will continue. "The squeaky wheel gets the grease" is a popular adage and very much applies to our hobby. Take the time to contact

those broadcasters you care about, as though your letter, fax, or E-mail might be the single piece of support that keeps them on the air.

## There goes Another Year

Upcoming Target Topics include:

January: Foreign Language Teaching programs

February: Islamic Culture and Music

March: Jazz Music

Here's to a new year full of prosperity and blessings for you and your family!

Until next month and next year,

73 DE Richard



NEW      NEW      NEW      NEW      NEW

## From the Company Store

**Just in time for the Holiday Season! New NASWA tee shirts! These are white tees with NASWA blue designs. The first is very close to an enlarged NASWA Journal holiday cover from December 1995 and the second is close to the old March 1979 "The World is on Shortwave Radio" cover. At \$10.00 each plus \$2.00 S&H, these will make a nice gift for any shortwave enthusiast. We have only one dozen of each design at present, but if the response warrants it, we can easily get more made up. You can order from either the NASWA Company Store, c/o Kris Field, 705 Gregory Drive, Horsham, PA 19044 or NASWA Headquarters. Please specify medium, large, or extra large.**

**FOR SALE:** Sony 2010 with Kiwa filters and Air Loop Antenna Six months old. Price \$250.00. Call Tom Welch at (206) 266-3391 (days) or (210) 737-7022.

**FOR SALE:** Drake R-8 in excellent condition, Protector board updated by Drake. Price is \$500.00 shipping included. John M. Gramarossa, 4101 Meadowlark Lane SE, Apt. #144, Rio Rancho, NM 87124. Phone (505) 891-1565 anytime.

**FOR SALE:** Kenwood R-5000 with improved AM filter. In excellent condition with carton and manual. Price \$550.00. I pay shipping Call Steve at (413) 549-5537 or e-mail <sageorge@amherst.edu>.

**WANTED:** Pennant collector is looking to contact other collectors and those interested in swapping pennants. I'll also buy unwanted pennants and collections Fred S. Kohlbrenner, 2641 South Shields St., Philadelphia, PA 19142. E-mail at <fkohl@ix.netcom.com>.

**FOR SALE:** Andreas Schmid in Germany will soon be publishing a comprehensive illustrated book of the almost two thousand pennants in his "Pennant Museum". All pennants will be arranged by continents and countries. For information send one IRC to Pennant Museum, c/o Andreas Schmid, P.O. Box 61, D-97715 Euerdorf, Germany.

## Rwanda

### ARTICLE 19 publishes book titled "Broadcasting Genocide: Censorship, Propaganda & State-Sponsored Violence in Rwanda (1990-1994)"

ORIGINATOR: ARTICLE 19, London

What was the role of the radio, the most influential medium in Africa, during the Rwandan genocide of 1994? In its latest book, titled "Broadcasting Genocide: Censorship, Propaganda & State-Sponsored Violence in Rwanda (1990-1994)", ARTICLE 19 refutes commonly-held notions about how to prevent "another Rwanda."

ARTICLE 19 argues that despite its apparently central role in fostering ethnic hatred, the Rwandan media did not "provoke" the genocide, but rather was one element in a pre-meditated plan for mass slaughter by the self-proclaimed interim government which seized power on 8 April 1994.

"Broadcasting Genocide" documents the use of censorship and propaganda by the Rwandan authorities from 1990-1994. It finds that the rise of hate speech against Tutsis was not a symptom of "too much freedom," but was systematically propagated by the media with covert government sponsorship. In a detailed examination of Rwanda's notorious Radio-Television Libre des Mille Collines (RTLM), from its creation in 1993, ARTICLE 19 reveals that RTLM did not call for killings before 6 April 1994.

RTLM did, however, have inside knowledge of the coming genocide. An extraordinary RTLM broadcast from 3 April warned that massacres would soon sweep the country and hinted that the President would not be in power for much longer.

"Broadcasting Genocide" documents RTLM's links with the interim government

which organized the genocide. Its founding shareholders included the Chief of Staff of the Armed Forces and top militia leaders. According to Frances D'Souza, ARTICLE 19's Executive Director, "Although often described as having caused the general population to suddenly commit atrocities, in reality RTLM's role was to convey orders to groups already involved in the slaughter."

During the genocide itself, the role of RTLM was unambiguous. It frequently broadcast names and whereabouts of individuals targeted for elimination. "Broadcasting Genocide" documents dozens of cases where people were tracked down by militias and killed within hours of such broadcasts. ARTICLE 19's position on the policy implications of this finding is clear. Frances D'Souza comments: "There is no freedom of expression issue involved here; giving orders to carry out human rights abuses is not legally protected whether this is done in writing, orally, by two-way radio or by public broadcast. International law clearly permits external intervention to jam the broadcasts at this stage, and it should have been undertaken by the international community."

Since the genocide, some freedom of expression groups have advocated bans on "hate media" in other countries, such as Burundi, where there is recurrent violence. However, ARTICLE 19 refutes the notion that banning newspapers and jamming radios will prevent "another Rwanda." The genocide in Rwanda, which was organized by the government and state-sponsored militias, would have gone ahead with or without RTLM, says ARTICLE 19

ARTICLE 19 advocates that censorship is not a solution but on the contrary there needs to be a plurality of voices, which is vital to the democratic process. In this book, ARTICLE 19 calls for independent broadcasting systems to be established in the region so that propaganda cannot again be used to reinforce politically-motivated ethnic violence.

As world attention focuses on the International Criminal Tribunal for Rwanda, which *Our next article is from Marlin Field, who passes along the text of a speech he recently gave on the World by 2000 Project.*

I became aware of missionary shortwave radio over thirty years ago when I became involved in a hobby called Dxing. I'm not a Ham amateur radio operator. I don't have a license. I don't talk. I listen to radio stations such as WCSR but on the shortwave bands. Then I write to them to convince them that I've heard them so hopefully I'll receive a reply. In these thirty plus years I have convinced 1249 shortwave stations in 234 radio countries to reply to my letters.

Over thirty years ago I joined the North American Shortwave Association. A few years later, the late Bill Eddings, executive director of the club, asked me to keep the organization up-to-date on what was going on in missionary radio. There have been several executive directors since then and I'm still writing for the organization's monthly publication.

The first station I heard on shortwave was HCJB in Quito, Ecuador, South America, the oldest missionary station broadcasting on shortwave. There are over 150 stations on shortwave, Protestant and Catholic, broadcasting the Gospel.

In 1985 the presidents of three of the pioneer missionary organizations with the most powerful transmitters met to begin a project called "The World by 2000." You'll find the three organizations on the map in your bulletin. You might want to look at it now. The three were:

1) Trans World Radio, with transmitter sites in Guam, Monaco, and Sri Lanka (also in Bonaire until quite recently).

has opened trials in Arusha, Tanzania, "Broadcasting Genocide" provides a crucial background to the issues surrounding the build-up to this decade's worst catastrophe.

For further information, contact Africa Program Coordinator Linda Kirschke or Press Officer Habie Schwarz, ARTICLE 19, 33 Islington High St., London N1 9LH, U.K., tel:+44 1 71 278 9292, fax:+44 1 71 713 1356, e-mail: article19@gn.apc.org

2) HCJB, with transmitters in Quito, Ecuador, and the possibility of one in Kenya and one in Hawaii.

3) FEBC, with transmitters in Albania, Seychelles, Philippines, Saipan, and Khabarovsk, in Russia and until recently also in San Francisco.

4) ELWA, the fourth joined a few months after the first meeting. It then dropped out when all facilities in Monrovia, Liberia, were destroyed by the rebels in the civil war there. (I am not sure what ELWA's status in the project is now that its transmitters have been destroyed a second time-ed.)

The idealistic aim of the World by 2000 project was for the three organizations to cooperate and coordinate their broadcast activities so that everyone would be able to hear the Gospel broadcast in his/her own language this by the year 2000. That was the idealistic aim. From a practical standpoint, they decided to try and broadcast to every language group of at least one million population. Ninety-six percent of the world's population fall in this category. There are around 160 language groups with at least one million people. So from a practical side, the group still has a big job ahead of it.

There are certain obstacles that have to be overcome if the goal is to be reached by 2000 AD. One is that the stations don't want someone with an accent to broadcast the programs. They wouldn't want our son, Kenneth, who speaks Madarin, to broadcast in Mandarin to China. They want native speakers'a problem in many of these lan-

guage groups, there are too many Christians'so finding native speakers is a problem.

Financing the spread of the Gospel into these areas is also a problem. So many people in the Western world'from where the money will have to come'don't know anything about'never heard of'these groups. I'll spell these words'HRE'JEH'KOHO'KATU. These are some of the 141 languages and dialects in which FEBC broadcasts. There are all spoken in Vietnam. The Quechua language is one spoken by many Indians in South America. Let's hear a song sung by the Indians in that language. (I played the song, "When the Roll is Called Up Yonder, I'll Be There," taped from an HCJB broadcast. When I was quite young, Mom wrote to Joe Young on KFNF, Shenandoah, Iowa, and asked him to sing the song for me. I liked it even then.

We here at College Baptist are involved in supporting financially all three of the stations that are part of the World by 2000 Project: TWR, FEBC, and HCJB.

1). Do you remember these words from the insert in the bulletin last week?

"I was introduced to Christianity through listening to a Christian radio broadcasting program from Trans-World Radio when I was about twelve. During my younger years, I kept receiving the Christian message from that program and I gradually noticed that this Christian God was very different from the gods of other religions."

2) It wasn't long ago that Verna Narwold and the boys were here from Laredo, Texas. Her husband, Tom, is the manager of a station there. It's part of the HCJB organization.

3) We support Jorge Zambrano, who is also of the HCJB organization. His work as a missionary I is with HCJB-TV. One of his volunteer activities is to broadcast a program on shortwave over HCJB. It's called, "Musica del Ecuador." It's a half-hour program broadcast every Friday' eight times. Let's go now to Quito, Ecuador, to hear part of Jorge's program that I recorded last Friday night.

## LRA36

### Radio Nacional Arcangel San Gabriel

by Gabriel Ivan Barrera

Antarctica's climate is one of extreme cold, dry and windy, and with very little precipitation. There really isn't a summer in this part of the world. At Base Esperanza, the location of LRA36, the temperature in winter can be as cold as -35 C and the wind can exceed 90 km/hour and with gust up to 240 km/hour. The wind whips the antenna and this makes it difficult to operate the old transmitter that isn't even 1 kW in power.

Base Esperanza is in the Antarctic peninsula at 63°24'S 056°59'W. LRA36, also known as Radio Nacional Arcangel San Gabriel, is an Argentine government station operated by personnel of the Argentine army. The station broadcasts in Spanish from 1800 to 2000 UTC on 15476 khz from Monday to Friday. The transmitter is a Phillips with a output of 1 kW and other station equipment dates from the 1960's.

The studio's occupied one of the fourteen buildings on the base. LRA36 came on the air in 1980 and although army personnel operate the station, there is a wide variety of programming. Programs include "Descubriendo la Argentina" (Discovering Argentina), that describes different Argentine provinces in order to promote tourism. There are talks about the Antarctic and a lot of Argentine music, such as tangos, folk, popular and rock.. There is also an international music program call "Variedades Internacionales" (International Varieties).

In addition to Sergeants Jose Luis Amat and Luis Ramirez, Viviana Lopez, Adirana Arias and Maria Dupuy also work at the station. The station director, Lieutenant Colonel Luis Alberto Dupuy, is also in charge of the base.

The station has over 1,200 disks and received its first 13 CD's of Argentine music this year. Although there have been budget

cuts in recent years, the station hopes to receive funds from the Radio Nacional budget to modernize the station.


Argentina has almost 20 bases, camps, scientific stations, and naval bases in Antarctica, which gives it the largest scientific presence of any country in this region. Argentina established its first permanent base in this region with the hoisting of the Argentine flag at Orcades on the 22nd of February 1904. Argentina was the only nation to have a permanent base in Antarctica until 1944.

In addition to shortwave, the base also has other media available. Two private Argentine FM stations, FM Feeling and FM Horizonte, are rebroadcast on 94.3 and 100.7 mhz respectively, with a combination of satellite and terrestrial links used to relay the signals from Buenos Aires. Base personnel also receive satellite television from two Buenos Aires stations as well as a private

cable film channel called VCC. These stations keep base personnel informed of happenings in Argentina proper.

LRA36 is well received in Buenos Aires with only a little QRM from Africa Number One in Gabon. The station signs on with the national anthem at 1800 and has signed off as late as 1956 when they play the instrumental hymn "Aurora."

The station has issued different types of QSL cards in the past and their address is: LRA36 Radio Nacional Arcangel San Gabriel, Base de Ejercito Esperanza, 9411-Antartida Argentina, Argentina. If you cannot receive a QSL card from this address, you can send a tape of your reception to: G.I.B., Casilla 2868, 1000-Buenos Aires, Argentina.

I hope you have enjoyed this article about Argentina's southern-most station. 



# LRA 36

— RADIO NACIONAL —

- ARCANGEL SAN GABRIEL -

**QTH**



QTH 9411	Base ANTARTICA ESPERANZA TERRITORIO ANTARTICO ARGENTINO REPUBLICA ARGENTINA
-------------	---

UBICACION GEOGRAFICA

-Lat 63°      24' Sur
-Long. 56°    59' Oeste



**PLEASE NOTICE:**

Because this issue contains Tom Sundstron's full English Schedule, some of our regular columns like Tech Topics, Equipment Review, and The Library have been held over until next month. Look for all of them in 1997.

# Country List Committee Report

Don Jensen  
5204 70th Street  
Kenosha, WI 53142

## Another New Country

Earlier this year, the seven-member NASWA Country List Committee added two new countries: Moldavian S.S.R. (Pridnestrovie) and Konigsberg (European R.S.F.S.R.) (Kaliningrad).

This followed a lengthy and detailed committee study of the shortwave and political situation in various areas of the former USSR. At the same time, another ex-Soviet area also was considered for "radio countryhood" but at the time was rejected because a majority felt the evidence then was insufficient that a SW transmitter was actually located within its territorial boundaries.

Since that time, more information has surfaced. The Country List Committee has voted again. As a result, you may now add the following new radio country to your copy of the NASWA RADIO COUNTRY LIST under Europe:

Georgian S.S.R. (Abkhazia)

Following the dissolution of the Soviet Union, the Abkhaz of northwestern Georgia staged a 1992 uprising against the Georgian government. Abkhazian attacks on the Abkhaz capital of Sukhumi in 1993 (aided "unofficially" by the Russians) left 7,000 dead. Some 200,000 ethnic Georgians were driven from the territory. A cease fire agreement eventually led to Georgian forces withdrawing from Sukhumi and Abkhazian forces taking over. A peace accord was signed Dec. 1, 1993, and a Russian "peacekeeping" force was installed, with Russian troops patrolling the border. The Georgian refugees were not allowed to return.

Within the former USSR, Abkhazia always enjoyed a certain autonomy as the Abkhazian

A.S.S.R. within Georgian S.S.R. Abkhazia and Georgia had an uneasy relationship for many years, with Abkhazia occasionally putting forth proposals to become part of Russia. Georgia has always considered Abkhazia part of Georgia, but with the uprising, lost effective control over the area.

In November 1994, the Abkhazian parliament adopted a new constitution designating Abkhazia an independent sovereign republic.

According to a BBC Monitoring Service source, when Abkaz Radio first was heard in 1993, it definitely broadcast from a medium wave transmitter at Krasnodar in Russia. The station began broadcasting on shortwave in 1994 but it was unclear if these broadcasts were aired from facilities within Abkhazia.

A letter from Yury Kutarba, Deputy General Director of Abkhazi State TV and Radio Co., now says specifically that the Radio of the Republic of Abkhazia shortwave transmitter on (nominal) 9495 kHz (5 kw) "is in Abkhazia, in her capital, Sukhum" (Sukhumi).

Based on this information, the committee has added this country to the NASWA Country List.

The committee, early in 1997, will begin discussing possible Country List format changes. This will not add or subtract any countries but may result in a different presentation of the list and its supplemental information. If you have any ideas or suggestions, you may send them to me, Don Jensen, Chairman, NASWA Country List Committee, 5204 70th Street, Kenosha, WI 53142, or e-mail to [dnjkenosha@acronet.net](mailto:dnjkenosha@acronet.net).



# Listener's Notebook

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**AFGHANISTAN** The anti-Taliban station, which identifies itself as *Radio Afghanistan* (and "Voice of Shari'ah"), was first heard by BBC Monitoring on 29th October 1996. It appears to be operated by supporters of Borhanoddin Rabbani, the former president of Afghanistan, who was ousted from Kabul by Taliban forces in late September 1996.

According to pro-Rabbani officials in Tashkent, the radio broadcasts from a facility in Taloqan, in the centre of Takhar Province in northern Afghanistan. It operates on the same frequency as the Tajik opposition radio Voice of Free Tajikistan, and may well be sharing facilities. Sked on 7200 kHz is 0130-0330 (0330-0800 Fri) and 1330-1600.

What appears to be a second station, also called "*Radio Afghanistan*" was observed by BBC Monitoring on 7100 kHz on 29th October between 0735 and 0833. It was heard again at the same time on 31st October and appears to oppose the Taliban forces. Sked appears to be around 0730-0840 daily. An announced broadcast at 1130-1230 has not been confirmed. (BBCM)

**ALBANIA** *Radio Tirana* noted in English to Eu 1715-1730 on 7155 and new 6185 (ex-9740), good signals on both frequencies. All news. Also to Eu 1930-2000 on 7270 and new 6270 (ex-9740); the 49m outlet is stronger than the 41m signal. (3-Nov/Sundstrom)

**ANTARCTICA** 15476 LRA36, *R. Nacional Arcangel San Gabriel*, from Base Esperanza ceased transmitting for this year on Nov. 8. The final program was a series of allegorical songs with emotive greetings from all the personnel at the station, including the technical operator, ending at 2052 UT with the usual strains of the march "Aurora". The director, Lt. Col. Luis Alberto Dupuy, said goodbye until next year without confirming the date of reactivation (Margenet-ARG/Duran/Hauser/WOR/Cumbre) Station will return to the air approximately March 1997. (Barrera-ARG/Kohlbrener)

**ARGENTINA** *RAE* with wobbly carrier on 15338.7v in Spanish at 0017, way off nominal 15345. At least it was propagating, unlike English on 11710 (10-Nov/Hauser)

Following is the current *RAE* sked valid till March 1997. From Mondays to Fridays (local times), Sat and Sun broadcast LRA1 Radio Nacional programs in // 870 khz MW.

0100-0200	Portuguese	11710
0100-0200	Spanish	15345
0200-0300	English	11710
0300-0400	French	11710
1000-1100	Japanese	11710
1100-1200	Portuguese	11710
1200-1400	Spanish	11710
1800-1900	Spanish	15345
1900-2000	English	15345
2000-2100	Italian	15345
2100-2200	French	15345
2200-2300	German	15345
2300-0100	Spanish	9690 15345

Other times, LRA1 programs. (Barrera-ARG/Kohlbrener)

**BELGIUM** A tidbit emerging from Grove Expo is that *RVI* is carrying out negotiations with *Radio Netherlands* for relays via Bonaire, Madagascar, per Frans Vossen of *RVI* who frequently attends these events. So reports Jeff White in Spanish on Radio-Enlace. (Hauser/WOR/EDXP/Padula-AUS)

**BHUTAN** *BBS* has changed to their winter schedule of EE from 1315-1400\*, Nov 15 noted on 5030 and Nov 16 on 5023.06 (Howard/DXW)

## BOLIVIA

- 4552.3 *Radio difusora Tropico* 0008-0015\*. Rosary. Male announcer with ID at 0013. Poor. (10-Nov/GPSP/Cumbre)
- 4732.22 *Radio La Palabra* (p) almost certainly them. Heard with same type of programming as previous: religious vocals and short sermons. One mention of *La Palabra* by woman. (10-Nov/Johnson/Cumbre)
- 5504.2 *Radio Emis. 2 de Febrero* 0200\*, s/off w/ Richard Claydermann's "Ballade pour Adeline" and: "compartiendo...himno de la vida...objetivo...de nuestro pueblo. Radio 2 de Febrero, transmite en...banda de 60 m." Poor. (10-Nov/Nigro/Cumbre)

- 4530.3 **Radio Hitachi**, 1005. (15-Nov/Klemetz/Dateline Bogota/DXW)
- 4777.7 **R. Andes** now s/on 0930, closing a few minutes past midnight; now it's the right time to log this station, as the Ecuadorian R. Oriental is off the air (and has been for about a month) awaiting a tube replacement. R. Andes is asking local listeners for a donation of 5 Bolivianos (=1 US\$), "Companero, companera: Su aporte de los 5 Bs. para la radio es muy importante. De su apoyo dependera el futuro de nuestra radio". This maybe explains why they haven't been sending out any QSL's so far. (Klemetz/Dateline Bogota/DXW)
- 6065.7 **Radio Mauro Nunez** earlier (t) reported by myself, did indeed come back to my letter. Not surprisingly, they are cautious about their present whereabouts. Neither confirming nor denying my frequency info, general manager Vladimir Gutierrez says, "Initially, we were on 6142 kHz. Unfortunately, there are many power outages in the rural area where the transmitter is located, which has damaged the transmitting equipment in various ways. We are trying to solve the problem [...]" The answer could of course have been a bit more explicit, but one has to understand their position. Who would really want to acknowledge a mishap? (Klemetz/Dateline Bogota/DXW)

**BOSNIA-HERCEGOVINA** The missing parts of the **Radio Yugoslavia** sked in last month's LN:

1730-1800 German 6100  
 1800-1815 Albanian 6100 Mo-Fr  
 (BBCM)

**BOTSWANA** **R. Botswana** throwing out strong 2nd harmonics. Noted them between 2110 and 2120 on 6712 kHz with same quality as fundamental 3356. 9640 SINPO 43433, while fundamental 4820 was 44444. About 10 or so years ago, when they still refused to verify reports "under any circumstances" Joachim Stilller got a QSL for a report on 6712. According to the Chief Engineer, there was an extreme heat in Botswana at that time, which caused troubles with the frequency-synthesizers. He wrote that any time temperatures exceed 40 degrees Celsius, the transmitters start to radiate a strong second harmonic. Perhaps that's an explanation? At least it's the hottest time of the year now in that area. (4-Nov/Elbe/Cumbre)

**BRAZIL** 4793.3 UNID Brazil noted here around 0300, poss. IDing Mundial Sao Paulo, acc to Pupo (17-Nov/Monferini/DXW)

**BULGARIA Radio Bulgaria** complete schedule, to 31st March 1997:

0000-0100	English	9485 7375
0000-0100	Spanish	9415 7170
0100-0200	Bulgarian	9485 9415 7375 7170
0200-0300	Spanish	9415 7170 7135
0200-0400	Bulgarian	9485 7375
0300-0400	Russian	7230 5890
0400-0500	Bulgarian	7230 5890
0400-0500	French	9485 7375
0500-0530	Greek	5940 Su-Fr
0500-0600	English	9485 7375
0500-0600	Greek	5940 Sa
0515-0600	Turkish	5980 Mo-Fr
0530-0600	Albanian	5940 Su-Fr
0600-0700	Serbo-Croat	5940 Mo-Fr
0600-0730	Turkish	7375 6000 5940 Sa/Su
0615-0700	German	9700 7460
0700-0800	French	9700 7460
0730-0830	Albanian	5895 Sa
0730-1000	Serbo-Croat	7365 5895 Su
0830-1000	Serbo-Croat	7365 5895 Sa
0900-1000	Greek	7275 5965 Su
1100-1200	French	11605 9840
1100-1200	German	11660 9700
1130-1230	English	9440
1300-1600	Bulgarian	7300 5965
1500-1600	Bulgarian	11630 5945
1500-1600	Russian	9825 7425 5935
1600-1645	Serbo-Croat	5890 5860
1600-1900	Bulgarian	7425 5935
1615-1715	Arabic	7120 5945
1645-1730	Albanian	5890 5860
1715-1800	German	9700 7335
1730-1815	Greek	5890 5860
1800-1900	French	9700 7335
1800-2100	Bulgarian	7530
1815-1900	Italian	7510 5890
1815-1900	Turkish	7395 7365 5860
1900-2000	Bulgarian	7395 5890 5860
1900-2000	German	9700 7335
1900-2000	Russian	7425 5935
2000-2045	Albanian	5890 5860
2000-2100	English	9700 7335
2015-2115	Spanish	9500 7485
2045-2130	Greek	5890 5860
2100-2145	Italian	7530 7380
2100-2200	French	9700 7370
2115-2215	Arabic	9500 7485
2130-2215	Serbo-Croat	5890 5860
2200-2300	English	9700 7390
2215-2300	Italian	5890
2215-2315	Spanish	9500 7485

(BBCM)

**CHILE** Monitoring Times reader offers to QSL reports from USA in English of **R. Esperanza**, 6089.98 at 0720-0735 Spanish, 0735-0803 English. It's not clear what connection he has with the station, so this may be proxy, but he says he is registered lis-



tener CE3-016 in the Federation of Amateur Radio Clubs. Wants US\$2 by money order and postcards to Radio Esperanza, Saul Vergara Valenzuela, Calle Francisco Cerda 824, Recoleta, Santiago, Chile (Hauser)	0500-0530	Russian	17665 15110 12065 12015 11810 9835 9820 9800 9715 9650 7440 7350 7300 7125 6090 6065
	0530-0600	English	17580 7330 7175 6150 5930 5920(not Sa) 5905
<b>CIS Here's the Voice Of Russia/Golos Rossii sked, based on monitoring research and VOR info:</b>	0530-0600	Russian	17665 15110 12065 12015 11810 9835 9820 9800 9715 9650 7440 7420 7350 7300 7125 6090 6065 6005
0000-0100 English			21790 17795 17580 17570 15615 15520 15470 15460 12035 12025 7330 7175 6150 5930 5905
0000-0100 Portuguese			17665 15110 12015 11810 9820 9800 7440 7420 7350 7300 6090 6065 6005
0100-0200 English	0600-0630	English	21790 17795 17580 17570 15615 15520 15470 15460 12035 12025 7330 7175 6150 5930 5905
0100-0200 Spanish			17665 15110 12015 11810 9820 9800 7440 7420 7350 7300 6090 6065 6005
0200-0300 English	0600-0630	Russian	21790 17795 17580 17570 15615 15520 15470 15460 12035 12025 7330 7175 6150 5930 5905
			17665 15110 12015 11810 9820 9800 7440 7420 7350 7300 6090 6065 6005
0200-0300 Russian	0630-0700	English	21790 17795 17580 17570 15615 15520 15470 15460 12035 12025 7330 7175 6150 5930 5920 5905
			17665 15110 13650 12070 12015 11810 9820 9800 7440 7420 7350 7300 6090 6065 6005
0200-0300 Spanish	0630-0700	Russian	21790 17580 17570 15615 15470 15460 12035 12025 7330 7175 6150 5930 5920-(not Sa) 5905
			17665 15110 13650 12070 12015 11810 9820 9800 7440 7420 7350 7300 6090 6065 6005
0300-0330 English	0700-0800	English	21790 17580 17570 15615 15470 15460 12035 12025 7330 7175 6150 5930 5920-(not Sa) 5905
			17665 15110 13650 12070 12015 11810 9820 9800 7440 7420 7350 7300 6090 6065 6005
0300-0400 Russian	0700-0800	Russian	17795 15615 15460 12035 12025 7220 17795 15615 15460 12035 12025 9875 7220
			17860 17795 15615 9875 7220
0300-0400 Spanish	0800-0830	English	17860 17795 15615 9875 9835 9675 7220
			17860 17795 17755 15560 15490 13785 11655 9875 9835 9705 9675 7220
0330-0400 English	0830-0900	English	15540 12010 9680 9450 7400 7380 7280 7135 6065 5940 5925 4010
			9480 9450 7315 7280 7220 7195 6100 4010
0400-0430 Russian	0900-0930	English	
	0930-1000	English	
0400-0500 English	1000-1100	English	
	1000-1100	German	
0430-0500 Russian	1000-1100	Korean	
	1100-1200	Chinese	

1100-1200	English	17860 17775 17755 15560 15490 15460 15120 13785 11655 9875 9705	1400-1430	Russian	15485 15430 15305 15140 13650 12055 11820 9895 9845 9780 9625 7245 7235 7185 7170 5985
1100-1200	Japanese	7135 6065 5940	1400-1445	Bengali	9875 7350 7155
1100-1200	Russian	17840 15485 15430 15305 15140 13650 12055 12025 12015 11820 9895 9845 9780 9625 7270 7245 7205 7170 6005 5985 5905 7400 7330 7195	1400-1500	Chinese	9480 9450 7280 7205 7195 7135 7125 6145 6100 4010
1200-1230	Chinese	17860 17755 15120 13785 11880 11655 9820 9725 5940 4740	1400-1500	Dari/Pashto	7295 4975 4940 4740
1200-1230	English	5940	1400-1500	English	17860 15205 12065 9470 7165 7130
1200-1300	Japanese	9450 7135 4010	1400-1500	Urdu	15120 11880 11695 9820 9755 9725 9490 7390
1200-1300	Korean	17840 15485 15430	1430-1500	Russian	15485 15430 15305 15140 13650 12055 11820 9895 9845 9780 9650 9625 7355 7245 7235 7185 7170 5985 9875 7350 7155
1200-1300	Russian	15305 15140 13650 12055 12025 12015 11820 9895 9845 9780 9625 7270 7245 7170 6005 5985 5905	1445-1500	Nepali	15430 15140 12055
1200-1300	Vietnamese	15460 9835 9705 7315	1500-1530	Russian	11820 9895 9845 9780 9775 9650 7355 7260 7235 7170 6090 5985 5930
1230-1300	Chinese	7400 7330 7195 6145	1500-1530	Turkish	7275 7210 6175
1230-1300	English	17860 17755 15120 13785 11880 11655 9875 9820 9755 9725 5940 4740	1500-1600	Chinese	9480 9450 7280 7205 7195 7135 7125 6145 6100 4010
1230-1330	Mongolian	9480 7280 6100	1500-1600	English	15205 12065 9905 9740 9635 9585 9585 9470 7165 7130 7115 5925 4975 4940 4740 4700
1300-1330	English	9450 7315 7205 7195 6145 4010	1500-1600	Hindi	15120 11880 11695 9820 9755 9725 9490 7390 7350 7155
1300-1330	Hindi	17860 15460 9705 4740	1530-1600	Russian	15430 15140 12055 11820 9895 9845 9780 9775 9715 9650 7355 7310 7260 7235 7185 7170 6090 6065 6045 5985 5930
1300-1330	Russian	15120 11880 11695 9875 9820 9755 9725 9490 7295	1530-1600	Turkish	7275 7210 6175 6005
1300-1330	Japanese	17840 15485 15430 15305 15140 13650 12055 12015 11820 9895 9845 9780 9625 7245 7185 7170 6005 5985 5905	1600-1630	Albanian	9795 7350 7185 7120 6000 5950
1300-1330	Chinese	7135 5940	1600-1630	English	15205 11865 9905 9740 9635 9585 9550 9505 9470 7275 7210 7115 6175 6130 6005(Sa/Su) 4975 4940 4740
1330-1400	Chinese	9480 9450 7315 7280 7205 7195 7125 6145 6100 4010	1600-1630	French	9630 9550 7400 6100 6030
1330-1400	English	17860 15460 9705 4975 4740	1600-1630	Russian	15140 12055 11820 9830 9780 9775 9715 9650 9560 9480 9450 7355 7340 7310 7245 7235 7185 7170 6090 5960 5930
1330-1400	Hindi	15120 11880 11695 9875 9820 9755 9725 9490 7390 7295 7155	1600-1700	German	7420 7360 7300 5920
1330-1400	Russian	17840 15485 15430 15305 15140 13650 12055 12015 11820 9895 9845 9780 9625 7245 7235 7185 7170 6005 5985 5905	1600-1700	Persian	9840 7165 5925

1630-1700	Albanian	9795 7390 7350 7185 7120 6000 5950	1800-1830	French	9585 7400 7280 7215 7105 6100
1630-1700	English	15205 13670 11865 9905 9740 9635 9585 9550 9505 9470 7275 7210 7175 7115 6175 6130 6005(Sa/Su) 4975 4940 4740	1800-1900	Bulgarian	7380 7350 7230 7185 6000 5950 5905
1630-1700	French	9865 9630 9550 7400 6100 6030	1800-1900	English	13670 9890 9550 9505 7440 7325 7305 7180 7175 6130
1630-1700	Russian	15140 12055 11820 9830 9780 9775 9715 9650 9560 9480 9450 7355 7340 7310 7260 7245 7235 7185 7170 7125 6090 5960 5930	1800-1900	German	7420 7360 7300 6145 5920
1700-1730	Arabic	11865 9865 9840 9635 9630 7295 7165 6175 6005 5935 5925	1800-1900	Italian	9795 7390 7370 7120 6030 5975
1700-1730	English	13670 9905 9890 9885 9585 9550 9505 7440 7325 7275 7255 7210 7180 7175 7115 6130 6130 6110 5940 4920	1800-1900	Russian	9830 9775 9730 9715 9650 9560 9480 9450 7355 7340 7310 7290 7275 7260 7255 7245 7235 7210 7185 7125 6090 6065 6045 5930
1700-1730	French	7400 7280 7280 6100	1800-1900	Slovak	7320 7140 6090
1700-1730	Russian	11820 9830 9780 9775 9715 9650 9560 9480 9450 7355 7340 7310 7260 7245 7235 7185 7125 6090 6065 6045 5930	1830-1900	Arabic	11865 11615 9865 9840 9635 9630 7295 7165 7130 5925
1700-1730	Serbo-Croat	7390 7320 7185 7120 6030 5950	1830-1900	French	9585 7400 7280 7260 7215 7105 6100
1700-1800	German	7420 7360 6145	1830-1900	Swedish/ Norw.	6110 5940 4920
1700-1800	Hungarian	9795 7320 7140 6090 5975	1900-1930	French	13670 7400 7280 7260 7215 7175 6100
1700-1800	Polish	7370 7300 5920	1900-1930	German	7360 6145
1700-1800	Romanian	7380 7350 7230 6000	1900-1930	Russian	9830 9775 9730 9715 9650 9560 9480 9450 7340 7310 7290 7245 7235 7185 7125 6045
1730-1800	Arabic	11865 11615 9865 9840 9635 9630 7295 7165 6175 6005 5935 5925	1900-1930	Serbo-Croat	9795 7380 7350 7320 7230 7185 7120 6000 5975 5950
1730-1800	English	13670 9905 9890 9885 9585 9550 9505 7440 7325 7305 7275 7255 7210 7180 7175 7130 7115 6130 6130 6110 5940 4920	1900-2000	Arabic	11865 11615 9865 9840 9635 9630 7295 7165 7130 6005 5935 5925
1730-1800	French	7400 7280 7280 7215 7105 6100	1900-2000	Czech	7370 7320 7140 6090
1730-1800	Russian	11820 9830 9780 9775 9730 9715 9650 9560 9480 9450 7355 7340 7310 7290 7260 7245 7235 7185 7125 6090 6065 6045 5930	1900-2000	English	9890 9585 9550 9505 7440 7325 7305 7275 7255 7210 7180 6130 6110 5940 4920
1730-1800	Serbo-Croat	7390 7320 7185 7120 6030 5950 5905	1900-2000	Polish	7300 5920
1800-1830	Arabic	11865 11615 9865 9840 9635 9630 7295 7165 5925	1930-2000	French	13670 7400 7280 7260 7215 7205 7175 6100
1800-1830	Finnish	6110 5940 4920	1930-2000	German	7390 7360 6145
			1930-2000	Russian	9830 9775 9730 9715 9650 9560 9480 9450 7340 7310 7290 7245 7235 7185 7150 7125 6045
			1930-2000	Serbo-Croat	9795 7380 7350 7320 7230 7185 7150 7120 6000 5975 5950
			2000-2030	Russian	9775 9730 9715 9650 9550 9480 9450 7340 7310 7290 7255(Su/Tu/ Th/Sa) 7245 7185 7150 7125 6045

2000-2100	Arabic	11865 11615 9865 9840 9830 9635 9630 7295 7165 6005 5935 5925	2200-2300	Russian	9830 9800 9775 9730 9715 9705 9480 9450 7370 7355 7340 7290 7285 7255 7245 7235
2000-2100	English	13670 9890 9795 9585 7400 7325 7305 7180 7175 6130 6110 5940 4920	2230-2300	English	7200 7200 7195 7160 7150 7125 6070 6045 9890 9550 7440 7400 7360 7320 7205 7180 7105 6110 5940
2000-2100	French	9550 7360 7280 7260 7205 7120 7105 6100 5920	2300-2400	English	9550 7330 7180 7170 7125 7105 5940
2000-2100	Greek	7380 7370 7350 7230 7185 7140 5950			
2000-2100	Portuguese	9505 7320 7300 7255 7210 6145 5975		(BBCM)	
2030-2100	Russian	9775 9730 9715 9650 9550 9480 9450 7340 7310 7290 7255(Su/Tu/ Th/Sa) 7245 7200 7185 7160 7150 7125 6045		<i>Mayak</i> ("Beacon"), the 24 hour service operated by the Russian State TV & Radio Company Ostankino, also runs Radio-1, Radio Yunost and Radio Orfey (all broadcasts in Russian).	
2100-2130	English	9890 9800 9550 7400 7180 6110 5940	0100-0300	7400 4930 4825	
2100-2130	French	13670 9865 9630 7360 7280 7260 7205 7120 6100 5920	0300-0400	4825	
2100-2130	Russian	11865 11615 9865 9840 9830 9800 9775 9730 9715 9705 9635 9630 9480 9450 7370 7355 7340 7335 7310 7295 7290 7275 7255 7245 7200 7165 7160 7150 7130 7125 6070 6045 6005 5925	0400-0500	4825 3376	
2100-2130	Spanish	7300 7105 6145 5975	0500-0600	5945 3376	
2130-2200	English	9890 9800 9550 7400 7320 7180 7170 6110 5940	0600-0630	12060 9575 5925	
2130-2200	French	13670 9865 9630 7360 7280 7260 7215 7205 7120 6100 5920	0630-0700	12060 9575 7310U 5925	
2130-2200	Russian	11865 11615 9865 9840 9830 9800 9775 9730 9715 9705 9635 9630 9480 9450 7370 7355 7340 7335 7310 7295 7290 7275 7255 7245 7200 7165 7160 7150 7130 7125 6070 6045 6045 6005 5925	0700-0800	12060 11785 9575 7330	
2130-2200	Spanish	7330 7300 7105 6145 5975	0800-0900	12060 11985 11785 9575 7330	
2200-2230	English	9890 9550 7440 7400 7360 7320 7205 7180 6110 5940	0900-1000	12060 11985 11785 9575 9500 7330 7310U	
2200-2300	Portuguese	9865 9630 7330 7310 7300 7260 6145 6100 5975	1000-1100	21750 12060 11985 11785 9575 9500 9470 7330 7310U	
			1100-1200	11985 11785 9575 9500 7330 7310U	
			1200-1300	11985 11785 11585 9575 7310U	
			1300-1400	11985 11785 7330 7310U 5044DSB 4855DSB	
			1400-1500	7330 7310U 6035 6015 4855DSB	
			1500-1600	6035 6015 4855DSB 4825	
			1600-1700	6035 6015 5990 4825 3376DSB	
			1700-1800	6160 6035 6015 5990 4825 3376DSB	
			1800-1900	6035 6015 3376U	
			1900-2000	4930 4825 3376U 2372U	
			2000-2300	3376DSB	
				(BBCM)	
				<i>Radio Radonezh</i> sked 1900-2000 5905 via Yekaterinburg (Rudnev-RUS)	
				<i>Radio Kala Aturaya</i> 1600-1700 Saturdays on 6005 (Krasnodar-100kW) and 6130 (Moscow-250kW)(Rudnev-RUS)	
				<i>Radio Islamskaya Volna</i> sked 1600-1700 Tu-Fr on 6005 (Krasnodar-100kW) and 6130 (Moscow-250kW)(Rudnev-RUS)	
				<i>Adygey Radio</i> sked 1800-1900 Mon and Fri on 6005 (Krasnodar-100kW)(Rudnev-RUS)	
				<i>Kabardino-Balkar Radio</i> 1830-1900 Wed and Sun 6005 (Krasnodar-100kW)(Rudnev-RUS)	
				<i>Radio Alef, Radio Pamyat and Radio Alfa and Omega</i> are inactive. (Rudnev-RUS)	

**For Those At Sea** (prepared at Simferopol, transmitted via Russia) 0700-0800 Mon 7350(Moscow) 7420(Moscow) 7440(Moscow) 9800(Moscow) 9820(St. Petersburg) 11810(Samara) 12025(Moscow) 12070(Samara) 13650(St. Petersburg) 15110(Yekaterinburg) (Rudnev-RUS)

9494.77, **R. Abkhazia**, per QSL, runs 5kW from Sukhum. Letter and cards signed by Yury Kutarba, Deputy General Director of Abkhaz State TV and Radio Co., Aydghilara Street, 34, Sukhum, Republic of Abkhazia 384900. (Berg-MA)

**Georgian Radio** operates on 5040 (First Program) and 4875 kHz (Second Program). Foreign broadcasts use 6080, 11760, 11805 and 11910 kHz. Russian transmitted at 1930-2000 on 11760 and and 0500-0530 on 11805. (BBCM) Other broadcasts in Azeri, Armenian, English and German not listed in this report. - AQ

**Radio Almaty International** in German now at 1100. This is retimed, not a repetition (no longer at 0700). Aired via Brovary/ Ukraine now on new 9620 and 11840. (Lieberwirth-FRG/Ludwig/EDXP/Padula-AUS)

**Radio Ukraine International**, from monitoring observations:

0000-0100	German	7290 7205 7180 7160 7115 6080 6020 6010 5940 5905
0000-0100	Ukrainian	7150 5915
0100-0200	English	7290 7205 7180 7160 6020 5940 5915 5905
0200-0300	Ukrainian	7290 7205 7150 6080 6020 5915
0300-0400	Ukrainian	9735 9550 7290 7205 7150 6090 6020 6010 5915 9550 7150 5915
0400-0500	English	9735 9600 7290 7205 7180 6090 6020
0400-0500	Ukrainian	13720 11780 11720 9600 9510 7290 7205 7180 6090
0600-0700	Ukrainian	13720 11780 11720 11705 9690 9610 9600 7290 7205 6090 6020
0700-0800	Ukrainian	17680 13720 11780 11720 11705 9610 9600 7290 6020
0800-0900	Ukrainian	17680 13720 11780 11720 11705 9610 6020
0900-1000	Ukrainian	17995 17680 17660 13720 11780 11720 11705 9610 9560 7420 7320 6020 5985
1000-1100	Ukrainian	17995 17680 15520 13720 11780 11720 11705 9610 9560 7420 7320 6020 5985
1100-1200	Ukrainian	17680 15520 13720 11780 11720 11705 9610 9560 7420 7320 6020 5985
1200-1300	Ukrainian	17680 15520 13720 11780 11720 11705 9610 7420 7320 6020 5985

1300-1400	Ukrainian	15520 13720 12050 11780 11720 11705 9610 9560 7420 7320 6020 5985
1400-1500	Ukrainian	15520 12050 11780 11705 9610 9560 7420 7320 6020 5985
1500-1600	Ukrainian	15520 9610 9560 7420 6020
1600-1700	Ukrainian	15520 9560 7115 6020 5940
1700-1800	Ukrainian	11705 7160 7150 7115 6020 5940 5905
1800-1900	German	7160 7115 6020 5940 5905
1900-2000	Ukrainian	7160 7115 6080 6020 5940 5905
2000-2100	Ukrainian	7160 7115 6080 6020 6010 5940 5905
2100-2200	German	7160 7115 6080 6020
2200-2300	English	7380 7290 7205 7160 7115 6080 6020 6010 5905
2200-2300	Ukrainian	9550 7150
2300-2400	Ukrainian	7380 7160 7115 6080 6020 6010 5940 5905

(BBCM)

**CLANDESTINE-AFRICA** The Burundian pro-Hutu clandestine **Radio Democracy**, which reportedly

broadcasts from Uvira, Zaire, has also not been heard since the end of October on its shortwave frequency of 7040 kHz.

6205 **Radio Kudirat Nigeria** 1905-2015 w/ programs from the Nigerian resistance movement in EE, Yoruba, and Hausa. Booming signal, carrier on before 1900, and running to 2015 (not 2005 as per SENTECH schedule). Must be audible on one's fillings in the target area. (26-Oct/Krepp/Cumbre)

The Sagalee Bilisummaa Oromoo-**The Voice of Oromo Liberation** is active every Monday, Wednesday and Saturday at 1600-1700 on 9870kHz. Address is P.O. Box 510610, D-13366 Berlin, Germany (Taye Teferra, Secretary SBO/Pecolatto-IT/Pirate News Nov/TFW/Serra-IT)

**CLANDESTINE-LATIN AMERICA** **Voz de la Resistencia** (Voice of the Resistance), broadcasts in support of the Revolutionary Armed Forces of Colombia (FARC), hostile to the Colombian government, from 2155-2230(v) on 6231v. However, Radio Patria Libre, the other Colombian clandestine (operated by the Army of National Liberation, ELN), which broadcasts on 6250 kHz, is currently off the air. (Klemetz/Hausser/WOR/BBCM)

**CLANDESTINE-MIDEAST** **Voice Of Iraqi Kurdistan** also monitored on 4070 kHz has a similar ID "Aira dengi Kurdistan Iraqiya," but yesterday I heard ID very clear as "Aira dangi gelli Kurdistan..."

with no mention of "Iraqiya," so I presume it's Voice of the People of Kurdistan. (Serra-IT)

### COLOMBIA

- 2900h (2x1450) *Ondas de Palo Cabildo* 1130, "Cita con Dios". Full ID at 1201 after ads for panaderia Tequendama, Centro botanico regional San Martin etc. Unlisted and probably unlicensed. Many harmonics on this frequency and this one is better on the lower edge. (21-Oct/Klemetz/DLB/Cumbre)
- 2920h *Radio Uno* "La estacion del vallenato ventiao", 0008, w/"vallenato galore" (which is the actual meaning of the slogan), a name shift from R. Multicolor. New name noted already Oct. 7, on 1460.03, by Finnish veteran DXer Pertti Ayras. (21-Oct/Klemetz/DLB/Cumbre)
- 2900h audible on this frequency, apart from Colombian *Ondas del Palo Cabildo*, are R. *Metropolitana*, *Bucaramanga*, and Ecuadorian R. *Calidad*. The Colombians can be logged around local sunrise and sunset, the Ecuadorian usually only in the morning, @0930. (Klemetz/Dateline Bogota/DXW)
- 3232.5h UNID Colombian announcing 1660 kHz, s/ off 0105, Nov 15. Same station later same evening, but impossible to read. (Klemetz/Dateline Bogota/DXW)
- 4530h previous Cumbre unid is R. *Estrella*, Colombia, s/on @1145; @2329, "Rumba Estrella fin de semana;" is an affiliate of "Colmundo, la cadena de la paz." (8-Nov/Klemetz/Dateline Bogota/DXW)

**COSTA RICA** 5119.7v *Radio Alajuela*—Bob Hill's previous unid probably this. 4x1280 harmonic located in Alajuela and is UTC-6 as noted by the time checks he heard. (Johnson/Cumbre)

### CZECH REPUBLIC *Radio Prague* sked:

0000-0027	English	7345 5930
0030-0057	Spanish	7345 5930
0100-0127	English	7345 6200
0130-0157	Czech	7345 6200
0200-0227	Spanish	7345 6200
0230-0257	Czech	7345 5930
0300-0327	English	7345 5930
0330-0357	English	7350
0700-0727	French	7345 5930
0730-0757	German	7345 5930
0800-0827	English	9505 7345
1000-1030	English	21705 17485
1030-1057	Czech	21705 17485
1100-1127	German	7345 6055
1130-1157	English	9505 7345
1200-1227	French	9505 7345
1230-1257	Spanish	11990 9505

1300-1327	German	7345 6055
1330-1357	Czech	7345 6055
1400-1430	English	17485 13580
1430-1457	Czech	17485 13580
1500-1527	Czech	9420 6055
1530-1557	French	5930
1600-1627	German	5930
1630-1657	Czech	9430 5930
1700-1727	English	9430 5930
1730-1757	French	9430 5835
1800-1827	English	9430 5835
1830-1857	Czech	9430 5835
1900-1927	Spanish	9430 5835
1930-1957	French	9430 5930
2000-2027	Spanish	9430 5930
2030-2057	Czech	9430 5930
2100-2127	English	7345 5930
2130-2157	Spanish	7345 5930
2200-2227	French	7345 5930
2230-2257	English	7345 5930
2300-2327	Spanish	7345 5930
2330-2357	Czech	7345 5930

(BBCM)

### ECUADOR

- 3360 *R. difusora Catolica Cultural V. del Upano*, until @2340. Good signal; not too often heard on this frequency. (8-Nov/Klemetz/Dateline Bogota/DXW)
- 3570 *La V. de Chinchipe*, poor, 0149 s/off w/ HC NA. Birthday greetings etc. with heavy reverb. (15-Nov/Klemetz/Dateline Bogota/DXW)
- 5060.5 *Progreso Internacional* is the new ID for this, heard 0315-0330 (close 0415)—strong, transmitter brush up? (16-Nov/Monferini/DXW)

**ETHIOPIA** *Radio Fana* (Radio Torch), a private station based in Addis Ababa, was observed on 14th November on a new shortwave frequency, 6940 kHz, in parallel with its usual outlet on 6210 kHz. The radio was heard from tune-in at 1625 until the station signed off at 1729. In the past, Radio Fana has used a second shortwave transmitter on 9335 kHz. (BBCM)

### FINLAND Sked for *YLE Radio Finland*:

0400-0430	Finnish	6030
0430-0500	Russian	6030
0500-0600	Finnish	11755 9635 6015
0500-0600	Swedish	6120
0600-0620	Finnish	11755 9635 6120 6015
0620-0630	Swedish	11755 9635 6120 6015
0630-0645	German	9560 6120
0645-0700	French	9560 6120
0700-0725	Finnish	11755 9560 6120
0725-0730	Swedish	11755 9560 6120
0730-0800	Finnish	11755 9560 6120
0800-0900	Finnish	11755 6120 Mo-Fr

0800-0900	Finnish	15335 11755 9760 6120 Sa/Su 6180-Su only	1200-1230	Chinese	9820 9590 7465 9870
0900-0930	Finnish	15335 11755 9760 Sa/Su	1200-1300	Japanese	9820 9590 7465
0900-0930	Finnish	11755 Mo-Fr	1230-1325	Chinese	9820 7465
0900-1300	Swedish	6120	1325-1530	Chinese	9820 7465
0930-1000	Finnish	11755	1330-1345	Assamese	9430 Mo/Tu
0930-1000	Russian	13645 11805	1330-1345	Boro	9430 We-Su
1000-1015	Finnish	11755	1330-1400	Swatow	9870
1000-1045	Finnish	13645U 11805	1345-1400	Santali	9430
1015-1030	French	11755	1400-1415	Cantonese	9870 Sa
1030-1100	German	11755	1400-1415	Tamil	9430
1045-1100	Swedish	13645U 11805	1400-1445	Cantonese	9870 Mo-Fr
1100-1125	Finnish	17685U 15245 11755	1400-1500	Cantonese	9870 Su
1125-1130	Swedish	17685U 15245	1415-1430	Vietnamese	9430
1125-1200	Finnish	11755	1415-1500	Amoy	9870 Sa
1130-1200	English	17685U 15245	1430-1515	Burmese	9430
1200-1225	Finnish	15400 11735	1445-1500	Amoy	9870 Mo-Fr
1200-1300	Finnish	11755	1500-1630	English	11580
1225-1230	Swedish	15400 11735	1530-1545	Kazakh	9475 Mo-Fr
1230-1300	English	15400 11735	1530-1545	Tajik	9475 Sa/Su
1300-1325	Finnish	15400 11735	1545-1600	Kyrgyz	9475 Mo-Th
1300-1415	Swedish	11755 6120	1545-1600	Uzbek	9475 Fr-Su
1325-1330	Swedish	15400 11735	1600-1615	Korean	9475 Tu-Fr
1330-1400	English	15400 11735	1600-1615	Russian	9475 Sa-Mo
1400-1425	Finnish	13645U 11805	2030-2130	Korean	9475
1415-1500	Finnish	11755 6180-(to 1430)	2100-2200	Japanese	11700
1415-1530	Swedish	6120	2100-2230	Indonesian	9815
1425-1430	Swedish	13645U 11805	2130-2330	Chinese	11580
1430-1500	Russian	6180	2200-2215	Cantonese	11650 Fr
1500-1520	Swedish	13645U 11785	2200-2245	Cantonese	11650 Su-Th
1500-1600	Finnish	11755 6180 6120-(fm 1530)	2200-2300	Cantonese	11650 Sa
1520-1600	Finnish	13645U 11785	2215-2300	Amoy	11650 Fr
1600-1630	Finnish	11755	2245-2300	Amoy	11650 Su-Th
1600-1630	Swedish	11880 9680 6180 6120 558	(BBCM)		
1630-1700	Finnish	11880 11755 9680 6180 6120	<b>HUNGARY Radio Budapest</b> sked, effective thru 30th March 1997:		
1700-1715	Finnish	11755 9875 6120	0000-0100	Hungarian	11660 9835 €165 Mo
1715-1730	Swedish	11755 9875 6120	0100-0200	Hungarian	9840 5905
1730-2000	Finnish	11755 9875 6120	0200-0230	English	9840 5905
2000-2045	Finnish	6120	0230-0330	Hungarian	9840 6195
2045-2100	Swedish	6120	0330-0400	English	9840 6195
2100-2130	German	6135	0400-0430	Russian	7120 5915 3975
2100-2230	Finnish	6120	0430-0500	Ukrainian	7120 5915 3975
2130-2200	English	6135	0500-0530	Romanian	7255 5930 3975
(BBCM)			0530-0600	Croatian	7250 5930 3975
			0600-0630	Slovak	7250 3975
			0630-0700	Serbian	9795 7155 5920
<b>GUAM KTRW Trans World Radio:</b>			1000-1100	Hungarian	17750 15220 13670
0740-0915	English	15200	1100-1200	Hungarian	17750 15220 13670 Su
0745-0845	Russian	11915 Su	1200-1300	Hungarian	9840 7220 5945 Su
0745-0900	Russian	11915 Mo-Sa	1304-1400	German	9795 7220 5945 Su
0825-0855	Hakka	11665	1400-1500	Hungarian	9840 7220 5975
0855-1000	English	11830	1530-1600	Russian	11905 9835 5945
0900-1100	Chinese	11665 9785	1600-1630	Croatian	5965 3975
0915-0930	Balinese	15200 Mo/Tu	1630-1700	Romanian	7185 5965 3975
0915-0930	Madurese	15200 Fr-Su	1700-1730	Ukrainian	7235 5945 3975
0915-0930	Torajanese	15200 We/Th	1730-1800	Slovak	7185 3975
0930-1100	Indonesian	15200	1800-1830	Serbian	9805 7255 5930 Mo-Sa
1000-1100	English	9870	1800-1900	German	9805 5930 3975 Su
1100-1130	Chinese	11665 9785 9590	1830-1900	German	7240 5930 3975 Mo-Sa
1130-1200	Chinese	9820 9590 7465	1900-2000	Hungarian	9710 5970 3975

2000-2030 English 9840 5970 3975  
 2030-2100 German 9840 7185 3975 Mo-Sa  
 2030-2100 Serbian 7255 3975 Su  
 2100-2200 Hungarian 9840 5970 3975  
 2200-2230 English 9835 5970 3975  
 2300-0000 Hungarian 11660 9835 6165  
 (BBCM)

**INDIA** Changes made by *All India Radio* from 3-Nov. as monitored: 7165 ex-7150 Burmese 0100-0130 7170 ex-7150 GOS-I to SEA 2245-0045 cochannel from R. Singapore 11695 ex-11710 Tibetan 1215-1330 severe cochannel from RUS 11695 new Nepali 1330-1430 a new channel in the extended band after 11585 and 11620; 17840 ex-17890 GOS-II to AUS & NZ 1000-1100. (das Gupta-IND/EDXP/Padula-AUS)

### INDONESIA

3224.8 *RRI Tanjung Pinang*. 1115 Dangdut mx. 1131 Local nx "Warta Berita Daerah" by M. Poor. (3-Nov/Yamada-JPN) 1057-1105 with local pop music, only poor reception. (4-Nov/Kecskes-AUS/Yamada-JPN)  
 3231.8 *RRI Bukittinggi* 2030-2323 Long Indonesian talk, ID. (2-Nov/Veldhuis/Cumbre) 1105-1112 in BI with Koran chants, 1108 ID by W, QRM from PNG on 3235 kHz, poor reception. (4-Nov/Kecskes/Cumbre) 1105-1112 with Koran chants, ID at 1108, QRM from PNG station on 3235. (4-Nov/Kecskes-AUS/Yamada-JPN)  
 3224.8 *RRI Tanjung Pinang* (p) 1205 Jakarta news read by woman. News ended at 1209, station went straight into music and pulled the plug at 1212. So, right frequency and sign off time, but no local id yet. (Johnson, Nov. 3) *RRI Tanjung Pinang*, 1057-1105 in BI with local pop music, poor reception, (4-Nov/Kecskes/Cumbre)  
 3264.6 *RRI Gorontalo*. 0907 Tlk by M & W. 0914 "Berita Loka" by W. Poor to fair. (3-Nov/Yamada-JPN)  
 3295.2 *RRI Samarinda*. 1455 Local pops. 1459 RPK. 1500 Jakarta nx relay. 1511 Local pops. 1513 Suddenly s/off. Poor. (3-Nov/Yamada-JPN)  
 3295.3 Unid Indonesian, 1126-1145 with pop music and possible ID at 1140, but has too much thunder storm static. (4-Nov/Kecskes-AUS/Yamada-JPN)  
 3375.8 *RRI Medan*. Presumed. 1340 w/lagu hiburan at very weak level only this day. Perhaps this bcst was an aberration. 4766 has been inactive all Oct/Nov. Other Indon inactivities presently include 3223 3578 3987 4606 4856 4866/71 4910 5046, and even 4927 for past few days. (23-Oct/Foster/OZDX/Yamada-JPN)

3905 *RRI Merauke* (p) at good level from 12:07 w/nx in Bahasa Indonesia, "Love Ambon" at '09. Into talk pgm. Still audible on 90M Square antenna at '47, when most of 60M was gone on any antenna. Next day much weaker, but SCI hrd clearly at 11:59. PNG not hrd on this freq either day. (4-Nov/Delibert/Cumbre)  
 3905 *RRI Banda Aceh* 1045 M Talk in Indo to 1057, IS that sounded like a Jews Harp, pip to ID by W, Jak nx (3-Nov/Rausch/Cumbre)  
 3976.76 *RRI Pontianak* had been off for a short time but heard again on Nov 8, now up .7 Khz from former freq., good at 1455 with light mx till 1459 SCI and noted daily since the 8th. (Howard/DXW)  
 4696.9 *RKIP Surabaya*. 1038 Dangdut mx. 1055 Radio play. 1058 Local pops. Poor. (3-Nov/Yamada-JPN)  
 4753.3 *RRI Ujung Pandang*. 0840 Telephone convastions relayed from RRI Jakarta. This program was in // 4845.2(Ambon), 7234.4(Palu), 9565, 9630, 9680, 11785, 11885, and 15150, but not in // 3344.9(Ternate) and 6153.1(Biak). 0859 Local pops including "Cintailah Aku" by A.B. Three. Poor to fair. (3-Nov/Yamada-JPN)  
 4874.3 *RRI Sorong*. 1340 Local pops. Suddenly s/off at 1354. Reactivated after several days absence. (7-Nov/Yamada-JPN)  
 6025 *RRI Banjarmasin*. Heard at 0855. Creating a big hum w/R.Ilimani but only until 0859 when Banjarmasin closed. Swapped from 6031. (26-Oct/Foster/OZDX/Yamada-JPN)

The official schedule of *RRI Sorong* is as follows:

0300-0800 9748 (really heard on 9742.2kHz.-ed)  
 0800-1400 4875

The model of the transmitters on shortwave frequency is Gates(9748kHz) & Harris(4875kHz). (Yamada-JPN)

The official power of transmitters of *RRI Padang* is as follows: 3960kHz 1kW 4000kHz 10kW 6190kHz 10kW (Juichi Yamada, JAPAN)

The following Indonesians have been inactive as of late: 3223 3578 3987 4606 4766 4856 4866/71 4910 5046, and even 4927 the past few days. (Foster/OZDX/Martin/Cumbre)

Next is inactive list of Indonesian stations: 3305kHz *RRI Dili*/3905kHz *RRI Banda Aceh*/3976kHz *RRI Surabaya*/4606kHz *RRI Serui*/4766kHz *RRI Medan*/4856kHz *RRI Palembang*/4910kHz *RRI Bukittinggi*/4925+4927kHz *RRI Jambi*/5046kHz *RRI Yogyakarta*/5055kHz *RRI Nabire*/6127kHz *RRI Nabire* (Yamada-JPN)

The RRI outlets at Bontosungu (near Ujung Panang) have a satellite feed delay, compared with



Cimanggis (near Jakarta), thus permitting easy identification. Bontosungu 250 kW Marconi units are using 9565, 9630, 9630, 11750 (Dua), and 11885 (Dua). Judging by signal strength at my location in Sydney, I would say that 9565 and 11885 are beamed east, while 9630 and 11750 are directed west. Cimanggis outlets are 9525 (VOI), 9680 (Dua), 11675, 15125 and 15150 (Dua), 9525 and 11785 appear to be the 1974 Thomson CSF 250 kW units (see 1996 Transmitter Documentation Project). One of these has apparently been moved from Padang Cermin in the last ten years. According to old BBCM info, Cimanggis is located 50 km south of Jakarta, near the town of Bogor. A map of Jakarta shows that Kebayoran, site of the 4777 60mb outlet (7.5 kW) is 7 km south west of the city. I presume that this is also the site of the RRI medium-wave transmitter on 999. (18-Oct/Jones/EDXP/Yamada-JPN)

The *Voice of Indonesia* is contemplating a frequency change for its External Service, currently on 9525, due to complaints from European listeners about poor reception. English broadcasts are at 0100-0200, 0800-0900, 2000-2100. On Radio Day, 11 September, three listeners from Scotland, Germany and Japan were guests of RRI, visiting Bali and Jakarta, winners of the Quiz. A similar Quiz is being planned for 1997. (FAX to Bob Padula/EDXP/Padula-AUS)

**IRAN VOIRI** on 7240 noted with tone 1905, IS 1928, s/on 1930 other than English. Language not recognizable with sideband splatter on the 40m Western hemisphere ham band, definitely not parallel to 9022 opening in English at the same time. Averaging s3 or so. 7240 not listed in the 1996 WRTH or 1997 PWBR; is this a new frequency? (26-Oct/Sundstrom)

**IRELAND** E-mail from Graeme Wilson, Tech Mgr, *United Christian B/Cers*: "At the present time, UCB is being re-broadcast by Vision Network of Ireland on 549 kHz MW at approx. 2 kw, 6200 kHz SW at approx. 1.5 kw, and on several low power FM stations throughout Ireland. As a long term plan, UCB intends to establish on The Isle of Man two stations, one on 549 kHz MW at 300 kw, and 279 kHz LW at 300 kw. UCB will own the licenses and sites for these stations. I hope this clears up any confusion." (Berg-MA)

*West Coast Radio Ireland* is a private shortwave station. It began regular weekly broadcasts on 31st October 1996. Programs originate in the studios of Mid West Radio in Co Mayo and are broadcast via a 100-kW Deutsche Telecom transmitter at Jülich, Germany.

0100-0200	English	5910 Th
1500-1600	English	6015 Th
1800-1900	English	11665 Th

(BBCM)

**ITALY IRRS-Shortwave** (formerly called Italian Radio Relay Service) schedule valid until 30th March 1997:

0600-0830	3985
0830-1430	7125
1430-2100	3985
2100-2300	3955

(BBCM)

**JORDAN Radio Jordan** announced that their English sked was greatly expanding to 11690 kHz 1200-1730 (Yoder/Cumbre) 11690 R. Jordan \*1200-1730\* New EE beamed to NA daily. Hourly news and nice mix of easy listening and classical music. Good signal here but digital mode interference signal between 11687 and 11688 makes USB filter or notch filter mandatory. News was not particularly focused on Middle East. (5-Nov/Buch/Cumbre)

**MALAWI MBC** has a new daytime frequency 9625, and power increased to 50 kW, per a sked direct from the station in Rumen Pankov and Ivo Ivanov's PanView DX bulletin from Bulgaria, at 0815-1510 preceded and followed by 3380, although Chris Hambly in Australia says he has not been hearing it lately at the usual time 1800-2000. The expanded sked of super-splatter REE Costa Rica 9630 makes 9625 unlikely here, just maybe some more QRM for CBC (Hauser/WOR)

**MEXICO 6185 R. Educacion** plans to increase power from 5 to 20 kW, add time to 16 hours per day, and add Russian to language lineup. Already has two different antennas, per interview by Jaime Baquena visiting station on Radio Enlace 11/11. I checked at 1200, found considerable distortion on NA and La Bamba to 1206\* (13-Nov/Hauser/DXW)

**MONGOLIA** This schedule, effective to 31st March 1997, is based on information supplied by *Radio Ulaanbaatar*:

0930-1000	Mongolian	12085
1000-1030	Russian	12085
1030-1100	Japanese	12085
1100-1130	Chinese	12085
1130-1200	Mongolian	12085
1200-1230	Japanese	12085
1300-1330	Chinese	12085
1330-1400	English	12085
1400-1430	Russian	12085
1530-1600	English	12085 9745
1900-1930	Russian	12085 9745
1930-2000	English	12085 9745

(BBCM)

**NEW ZEALAND Radio New Zealand International** schedule to 17th March 1997:

0000-0459	15115
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0459-0758 11905  
 0758-0816 9700 Sa/Su  
 0816-1206 9700 Mo-Fr  
 1206-1650 6105 occasional sports  
 1650-1900 9875 Mo-Fr  
 1900-1953 9875  
 1953-2007 11735 Sa-Th  
 2007-2135 11735 Fr  
 2135-2206 15115 Su-Th  
 2206-2400 15115  
 (direct)

**NIGERIA** External service of *Voice of Nigeria* back on air 11-Nov. after more than 13 months' absence. Began test transmissions to Naf, Eaf, Saf, Eu. Of the five transmitters bought from Switzerland early this year, only three have so far been installed and are being tested. The one for Waf has yet to be installed. VON is expected to resume full transmission next week at the end of the current tests (12-Nov/AFP/Alpert/World of Radio/Hauser) Noted on 15120 until 2000\* (13-Nov/Hauser) [Check old standby 7255 as well -AQ] BBCM noted 15120 tests from approximately 0600-1000 and 1500-2010. (BBCM)

**NORWAY Radio Norway International:**

0000-0030 Norwegian 7465 7275 5905  
 0100-0130 Norwegian 7520 7465  
 0200-0230 English 7520 7465 Mo  
 0200-0230 Norwegian 7520-(not Mon) 7465-(not Mon) 7125  
 0300-0330 Norwegian 7520 7235 7165  
 0400-0430 English 7520 mo  
 0400-0430 Norwegian 7520-(not Mon) 7305 5965  
 0500-0530 Norwegian 9590 7520 5965  
 0600-0630 English 9590 7180 5965 Su  
 0600-0630 Norwegian 11735 9590-(not Sun) 7180-(not Sun) 5965-(not Sun)  
 0700-0730 Norwegian 11720 9590 7180  
 0800-0830 Norwegian 13800 9580  
 0900-0930 English 13800 Su  
 0900-0930 Norwegian 15220 13800-(not Sun)  
 1000-1030 Norwegian 17840 15220  
 1100-1130 Norwegian 15270 7295  
 1200-1230 Norwegian 15605 11840 9910 9590  
 1300-1330 English 15605 9910 9590 Su  
 1300-1330 Norwegian 15605-(not Sun) 11840 9910-(not Sun) 9590-(not Sun)  
 1400-1430 English 11730 Su  
 1400-1430 Norwegian 11840 11730-(not Sun)  
 1500-1530 Norwegian 9540 9520 9485  
 1600-1630 English 11840 9590 Su  
 1600-1630 Norwegian 11840-(not Sun) 9910 9590-(not Sun)  
 1700-1730 Norwegian 13800 9590 7520 7485  
 1800-1830 Norwegian 9590 7485 5960  
 1900-1930 English 9590 7485 5960 Su  
 1900-1930 Norwegian 9590 7485 5960 Mo-Sa

2000-2030 Norwegian 7520 7480  
 2100-2130 Norwegian 7520 7465 7315  
 2200-2230 Norwegian 9840 6145  
 2300-2330 English 7465 7275 5905 Su  
 2300-2330 Norwegian 7465 7275 5905 Mo-Sa  
 (BBCM)

**PAKISTAN** 11570 R. *Pakistan* 1730-1821 Singing with the word "Pakistan" in each song. "Radio Pakistan" ID between each song. Sounded like an automation machine. At 1819 began what sounded like an Islamic call to prayer, followed by military type band music which could have been anthem. May have been a special broadcast to lift patriotic spirits in reaction to recent local news. Then into talk language unknown. Good signal with slight interference from EG USB station sending coded phonetic letters on 11565 approximately. (5-Nov/Buch/Cumbre)

**PALAU KHBN** is looking to replace one of its transmitters here. The old transmitter is 30 years old and has run over 158,000 hours. Voice of Hope is trying to raise money to buy another transmitter. The transmitter they want to buy is a Harris 100 kW that is used by is currently stored in a warehouse in a South American country. The cost is \$39,600 plus \$3,800 for shipping. (DIRECT Johnson Cumbre Dx) Hmm, I wonder if this transmitter is at HCJB? Ludo Maes' Transmitter Documentation Project lists a 100 kW Harris here and also mentions that KHBN bought its other transmitters from HCJB. (Johnson/Cumbre)

**PAPUA NEW GUINEA** The *National Broadcasting Commission* (NBC) has been advanced just over 400,000 dollars to pay its 600 staff. Staff at the NBC headquarters in Port Moresby held a stop work meeting after the corporation failed to pay them yesterday on 14 November. A senior executive says the Finance Ministry allocation will only cover salaries for the next fortnight and the management met today to discuss strategies to continue broadcasting as normal. The executive said the NBC was forced to draw from the salaries budget to pay for operational costs, resulting in the shortfall in funds. The NBC budget this year was slashed by 2m dollars. (15-Nov/R. Australia/BBCM)

**PERU**

3234.9 R. *Luz y Sonido* 2307 Romantic vocal ballad till 2311, when woman said "Luz y Sonido ..." and continued with 2-3 more sentences. After short announcement by man, into more romantic ballads segued past 2315. From this point, only intermittently readable through QRM from pulsing ute. (1-Nov/Hill/Cumbre) R. Luz y Sonido sign on is now around 1000 (Klemetz/DLB/Cumbre)

- 3260.1 **R. La Voz de Oxapampa** (Oxapampa, Junin) 2334-0010 22222 Talk about the National Park, nx prog "Punto de vista" ID as "Por la Voz de Oxapampa..." (26-Oct/Arrunategui/Cumbre)
- 4190.5 **La Super R. San Ignacio** seems to be on reduced sked, only 2300-0100v. (Klemetz/DLB/Cumbre)
- 4581.4v **R. Soledad** 1122-1145 m/f ID "A traves de Soledad la Radio..." mx ID "Muy buenos dias amigos desde Soledad la radio, el siguiente comunicado..." a todas las madres del vaso de leche de Parcoy se les recuerda la reunion del dia de manana por indicacion del alcalde. (1-Nov/Arrunategui-PRU/Cumbre)
- 4840.0 **R. Andahuaylas**, Andahuaylas, Apurimac; 1145-1217 44444 nx px El diario de la manana ID "Por radio Andahuaylas." advs Ind. alimenticia del Pozo, hotel Cruz del Sur ID "Recuerde, esta es la hora 7 de la manana por radio Andahuaylas..." (16-Nov/Arrunategui/DXW)
- 4895.1 **R. Chanchamayo** 1216-1250 mx ID "Ya son las 7 y 15 en Sabados Tropicales por Chanchamayo Radio.."mx chicha ID "Los sabados son diferentes y musicales por Chanchamayo radio.." mx salsa. (2-Nov/Arrunategui-PRU/Cumbre)
- 5046.3 **R. Integracion** (Abancay, Apurimac) 1118-1150 33333 ID "Radio Integracion" Bilingual prog in Spanish and Quechua, Ad for "Asista al estadio Los Olivos y participe de la Copa Peru. Taller Maucalla. lo mejor en Abancay..Caja Rudal y de Credito Abancay a tu servicio.." prog "Un Momento con Dios." (26-Oct/Arrunategui/Cumbre)
- 5083.7 **R. Mundo** (Cusco) 1215-1246 33333 LA romantic mx boleros.. ID "A traves de Radio Mundo en sus dos frecuencias." nx prog "El Mundo en la Noticia.." (26-Oct/Arrunategui/Cumbre)
- 5235.4 **R. Apurimac**, Peru, unusually clear, 1030, featuring among many other ads a Quechua language jingle for cerveza Cusquena. (Klemetz DLB Oct 29) 5235.4 **R. Apurimac** 1148-1215 mx huayno px en espanol y quechua ID "Atencion a la hora son las 7 de la manana en su radio Apurimac..." mx. (2-Nov/Arrunategui-PRU/Cumbre)
- 5604.3 **R. La Voz del Marañon** still here; heard at 2320, tiny signal. (20-Oct/Klemetz/DLB/Cumbre)
- 5645.9 **La V. de San Antonio** Reactivated frequency heard at 0050 with improved signal (17-Oct/Klemetz/DLB/Cumbre)
- 5636.9 **R. La Voz del Marañon**, Cajamarca; 11/11 1225-1305 33333 px vibraciones matutinas mx huayno ID "Luego seguiremos con nuestro programa Mananitas Vernaculares por La Voz del Marañon..." Nota: Tambien la verifique el 12/11 1130-1135 pruebo en 5604.3 (frecuencia reportada el 1/11 2321-2350) y no hay senal alguna. Tambien: 5604.9 13/11 0125- 0209 y en la frecuencia informada el 11/11 no hay senal alguna. Por lo anterior informado... aparentemente ellos estan trabajando con dos equipos distintos... en las mananas salen 5636.9 y en las noches en 5604.9. (11-Nov/Arrunategui/DXW)
- 5700.1 **R. Frecuencia San Ignacio**, 1137-1202 33333 mx ID "Y seguimos con la buena musica por Frecuencia San Ignacio..." mx ID "Para todos los amigos que nos escuchan a esta hora un saludo muy especial de su emisora amiga Frecuencia San Ignacio. la radio papaaa..." (12-Nov/Arrunategui/DXW)
- 5926.6 **R. Peru**, Peru, ex-6076.7, Nov 8, 2317. This is the frequency where they first surfaced. (Klemetz/Dateline Bogota/DXW)
- 6173.8 **R. Tawantisuyo** (Cusco) 2305-2334 33333 ad for Castrol, ID as "Radio Tawantisuyo transmitiendo en sus frecuencias de onda media, onda tropical y FM desde la ciudad imperial del Cusco.." (22-Oct/Arrunategui/Cumbre)
- 7143 Unid Peruvian reported in Cumbre DX 112 is **R. Ayabaca**, in the town of the same name, Piura dept., almost on the Ecuadorian border, Nov 15, 2200, w/ a comunicado from "la municipalidad provincial de Ayabaca" and the never-failing want-ad for a missing mule. Rather weak signal. Announces "7150 kHz para el Peru y el mundo". (Klemetz/Dateline Bogota/DXW)

**PHILIPPINES** *Radyo Pilipinas* schedule thru 29th March 1997:

0230-0330	English/Tagalog	15270	15120	11805
0330-0400	English/Tagalog	17730	15330	13770
1730-1930	English/Tagalog	15190	11890	11815

(BBCM)

**ROMANIA** *RRTs* Web page hasn't been updated as of 1 Nov. They are announcing the following English to Europe schedule:

1300	9690	11940	15380	17745
1900	5995	7105	7195	9690
2100	5990	5995	7105	7195

At 21, 7195 is quite good here. The NAM service is virtually inaudible here. At 02, only 6155 can be detected with the IS and a few words, buried under co-channel and adjacent channel interference. RCI

was one of those co-channel. I can't detect anything at 04. (1-Nov/Sundstrom)

**SPAIN Radio Exterior de Espana (REE), ch=via China, cr=via Costa Rica:**

0000-0100	Spanish	11945 11880-cr(Sun/Mon) 11815-cr(Sun/Mon) 9620 9540 6125 5970-cr(Sat/Sun)
0000-0200	English	6055
0100-0200	Spanish	11945 11775 9620 9540 6125 5990-cr(not Sun/ Mon) 5970-cr(not Sun/ Mon) 3210-cr(Sun/Mon) 9745 Mo
0115-0145	Ladino	9745 Mo
0200-0300	Spanish	9620 9540 6125 6055 5990- cr(not Sun/Mon) 5970- cr(not Sun/Mon) 3210-cr 9620 9540 6125 6055 5990- cr(not Sun) 5970-cr(not Sun/Mon) 3210-cr(Sun/ Mon)
0400-0500	Spanish	9620 9540 6125 6055
0415-0445	Ladino	9690 Mo
0500-0600	English	6055
0500-0600	Spanish	11920 11890 9760 9650 7105
0600-0700	Spanish	12035 11920 11890 9760 9650 7105
0700-0800	Spanish	12035
0800-0900	Spanish	12035
0900-1000	Spanish	11755 17715 15110 12035 9620-(Sun)
1000-1100	Spanish	17755 17715 15110 12035 9620ch
1100-1200	Spanish	17755 17715 15110 12035 11815cr(not Sat/Sun) 9630cr(not Sat/Sun) 9620ch 3210cr(not Sat/Sun) 21570 17755 17715 15110
1200-1300	Spanish	12035 11910ch 11815cr(not Sat/Sun) 9630cr(not Sat/ Sun) 9620 3210cr(not Sat/ Sun)
1300-1400	Spanish	21570 17755 17715 15110 12035 11910ch 11815cr 9630cr(not Sat/Sun) 9620 3210cr(not Sat/Sun)
1400-1500	Spanish	21570 17755 17715 15110 12035 11880cr(Sat/Sun) 11815cr 9620 5970cr(Sat/ Sun)
1500-1600	Spanish	21570 17755 17715 15110 12035 11880cr(Sat/Sun) 11815cr 9620 5970cr(Sat/ Sun)
1600-1700	Spanish	17755 15210-(not Sun)
1600-1700	Spanish	21570 17715 15110 11880cr(Sat/Sun) 11815cr(Sat/Sun) 9620- (Sun) 6125 5970cr(Sat/Sun)
1700-1730	Russian	6125 Mo-Fr

1700-1800	Spanish	21570-(Sat/Sun) 17755 17715 15380 11880cr(Sat/ Sun) 11815cr(Sat/Sun) 7275 6140-(Sat/Sun) 5970cr(Sat/Sun)
1700-1900	Arabic	15110
1730-1800	German	6125 Mo
1800-1900	French	7250 6125 Mo-Fr
1800-1900	Spanish	21570-(Sat/Sun) 17870cr 17755 17715 11945 11815cr 7275 6140-(Sat/Sun) 5970cr
1830-1900	Ladino	6130 Mo
1900-2000	French	6130 6085
1900-2000	Spanish	17870cr 11815cr 9630 7275 6140-(Sat/Sun) 5970cr
2000-2100	English	11775 6125 Mo-Fr
2000-2100	Spanish	17870cr 11815cr 9630 7275 6140-(Sat/Sun) 5970cr
2000-2200	Arabic	6130 6085
2100-2200	Spanish	17870cr 11815cr 9630 7275 6140-(Sat) 5970cr
2200-2300	English	11775 6125 Sa/Su
2200-2300	Spanish	11880cr 11815cr 9630 7275 6130 6085 5970cr
2300-2400	French	6055
2300-2400	Spanish	11945 11880cr 11815cr 9620 9540 6125 6055 5970cr

(BBCM)

**SRI LANKA** The new VOA relay here suffered a set-back on 5th November when one of the 500-kW Marconi transmitters was destroyed in a fire. It's not certain yet what caused the fire. Soot from the fire settled in the rest of the facility, so there is considerable cleaning up to be done. The other three transmitters are sealed and are probably okay, but the damage is still being assessed. VOA has not yet officially taken possession of the transmitters from Marconi.

There have also been some structural problems in the construction of the towers at the new Sri Lanka relay site. These are being corrected and four of the 14 antennas are already in place. VOA is still hoping for a September 1997 start-up date for the Sri Lanka relay. This is an important relay because it fills a critical gap in VOA's coverage. At present there are no major VOA relay sites between Greece and Thailand. (16-Nov/VOA/BBCM)

<b>SWAZILAND Trans</b>	<b>World Radio</b>	<b>(TWR)</b>	<b>sked</b>
("M"-via Meyerton):			
0300-0330	Ndebele	3200	
0300-0330	Swahili	4760	
0300-0345	Shona	3240	
0315-0345	Tswana	3335	
0330-0345	Swahili	4760 Sa	
0333-0404	Amharic	7215M	
0400-0415	Lomwe	6100	
0400-0430	German	4775 3200	
0400-0500	Chewa	6040	
0405-0419	Somali	7215M	

0430-0500	English	6100 4775 3200
0500-0605	English	9500-(fm 0505) 6100 4775
0605-0700	English	11730M-(fm 0600) 9650 9500 6100 4775
0700-0805	English	9650 9500 6100
0805-0820	English	9650 9500 6100 4775 Mo-Fr
1400-1415	Urdu	15195
1420-1425	Portuguese	7315 Mo-Fr
1425-1510	Portuguese	7315
1500-1515	Malagasy	7200
1510-1525	Makua	7315
1515-1545	French	7200
1525-1540	Lomwe	7315
1540-1555	Lomwe	7315 Mo-Th
1540-1555	Tigrigna	9500 Su/Fr
1600-1630	Kirundi	9850M
1600-1630	Tshwa	3240 3200
1600-1700	Chewa	5965
1600-1700	Siswati	1170
1600-1830	English	9500
1630-1645	Shangaan	3240
1630-1700	German	3200
1630-1700	Oromo	9850M
1640-1655	Somali	9650M
1700-1730	Tigrigna	9850M
1700-1730	Tswana	3200
1700-1830	Swahili	5965
1700-2045	English	1170
1730-1745	Pedi	3200 Sa/Su
1730-1745	Sotho	3200 Fr
1730-1800	Amharic	9850M
1730-1800	Zulu	3240
1745-1800	English	3200 Mo-Fr
1800-1830	Ndebele	3240
1800-2015	English	3200
1830-1845	Kinyarwanda	5965 Su
1830-1845	Swahili	5965 Mo-Sa
1830-1900	Nupe	9510M
1830-1915	Shona	3240
1845-1900	Umbundu	6115
1900-1930	Lingala	9520
1900-1930	Portuguese	6115
1900-1930	Yoruba	9510M
1930-2000	French	9520
1930-2000	Fulani	9510M
1930-2000	Kimbundu	6115
2000-2005	Portuguese	6115 Mo-Fr
2000-2015	French	9520 Sa/Su
2000-2030	Hausa	9510M
2015-2045	English	3200 Su
2030-2100	Twi	9510M
2100-2130	Arabic	7215M

(BBCM)

**SWITZERLAND** After many years as a tough DX target from an easy country to hear, *Red Cross Broadcasting Service* says that they ended their radio broadcasts, effective 31 October. (Schaay/BCDX/Cumbre)

*Swiss Radio International*, from Swiss senders and via relay stations in China (C) and Montsinery, French Guiana (F):

0030-0100	German	9905F 9885 6135
0100-0130	English	9905F 9885 6135
0130-0200	Spanish	9905F 9885 6135
0200-0230	French	9905F 9885 6135
0230-0300	Spanish	9905F 9885 6135
0300-0315	Italian	9905F 9885 6135
0330-0400	German	9905F 9885 6135
0400-0430	English	9905F 9885 6135
0430-0500	English	9905F
0430-0500	French	9885 6135
0500-0530	Italian	9905F 9885 6135
0500-0545	French	6165 5840
0545-0600	Italian	6165 5840
0600-0615	German	6165 5840
0600-0630	English	13635 11860 9885
0615-0630	English	6165 5840
0630-0700	French	6165 5840
0630-0700	French	13635 11860 9885
0700-0715	Italian	6165 5840
0700-0730	Italian	13635 11860 9885
0715-0730	English	6165 5840
0730-0800	German	13635 11860 9885
0730-1100	French	6165
0830-0900	Italian	13685 12075 9885F
0900-0930	English	13685 12075 9885F
0930-1000	French	13685 12075 9885F
1000-1030	German	13685 12075 9885F
1030-1055	Portuguese	13685 12075 9885F
1100-1130	English	13635 11995 9885
1100-1130	English	9535 6165
1130-1200	French	13635 11995 9885
1130-1200	German	9535 6165
1200-1230	French	9535 6165
1200-1230	German	13635 11995 9885
1230-1245	Italian	13635 11995 9885
1230-1300	Italian	9535 6165
1300-1330	English	13635 12075 7480C 7230C
1300-1400	English	9535 6165
1330-1400	French	13635 12075 7480C 7230C
1400-1430	Italian	13635 12075 7480C 7230C
1400-1600	Italian	6165
1430-1445	German	13635 12075 7480C 7230C
1500-1530	English	13635 12075 9885
1530-1600	French	13635 12075 9885
1600-1630	German	13635 12075 9885
1600-1900	German	6165
1630-1645	Italian	13635 12075 9885
1700-1730	English	9905 9885 5850
1700-1800	English	7410
1730-1800	German	7410
1730-1800	German	9905 9885 5850
1800-1830	Italian	7410
1800-1830	Italian	9905 9885 5850
1830-1845	French	9905 9885 5850

1830-1845	French	7410
1900-1930	Italian	6165
1900-1945	Arabic	9905 9885 5850
1930-2000	French	6165
2000-2020	English	6165
2000-2030	English	13635F 11640 9905 9885
2020-2050	Romansch	6165
2030-2100	French	13635F 11640 9905 9885
2100-2130	Italian	11640 9905 9885
2130-2200	German	11640 9905 9885
2215-2230	French	11650F 9905 9885
2230-2300	German	11650F 9905 9885
2300-2330	Italian	11650F 9905 9885
2330-0000	Spanish	11650F 9905 9885

(BBCM)

**THAILAND** *Radio Thailand* sked; transmissions marked with an asterisk (\*) are from the Voice of America relay station at Udon Thani in Thailand. Other frequencies are from Radio Thailand's own transmitters.

0000-0030	English	11905 9680* 9655
0030-0100	English	11905* 9655
0100-0200	Thai	11905* 9655
0300-0330	English	11905 11890* 9655
0330-0430	Thai	11905 11890* 9655
0530-0600	English	15115* 11905 9655
1100-1115	Vietnamese	11905 9655 7285*
1115-1130	Cambodian	11905 9655 7285*
1130-1145	Lao	11905 9655 6040*
1145-1200	Burmese	11905 9655 6040*
1200-1215	Malay	11905 11805* 9655
1215-1230	Indonesian	11905 11805* 9655
1230-1300	English	11905 9655 9505*
1300-1315	Japanese	11905 9655 7145*
1315-1330	Chinese	11905 9655 7145*
1330-1400	Thai	11905 9655 7145*
1400-1430	English	11905 9655 9530*
1800-1900	Thai	11905 11855* 9655
1900-2000	English	11905 9655 7295*
2000-2015	German	11905 11805* 9655
2015-2030	French	11905 11805* 9655
2030-2045	English	11905 11805* 9655
2045-2115	Thai	11905 11805* 9655

(BBCM)

**BBC's Asia** Relay station opened 30 October. Located at Nakhon Sawan, 250 km north of Bangkok, it will transmit radio programs in 14 languages across the continent. The station, which cost 30m pounds and has taken two years to build, houses four 250-kW transmitters, fed by satellite link from the UK. Seven antenna arrays are already operational, with a second phase of six due online next January. Work on the 48 hectare site at Nakhon Sawan began in 1994. The fully automatic station needs only two British staff, with operation and maintenance carried out by Thai personnel trained on-site. (BBC/BBCM)

**USA WRMI** schedule as of 11 Nov., 1996:

0100-0300	English	9955 Mo
0100-0415	Spanish	9955 Su
0200-0330	Spanish	9955 Tu-Sa
0300-0415	Spanish	9955 Mo
0415-0500	English	9955 Mo
1100-1400	Spanish	9955 Mo-Sa
1200-1230	Spanish	9955 Su
1230-1500	English	9955 Su
1500-1600	Spanish	9955 Su
2000-2100	Spanish	9955 Sa
2000-2130	English	9955 Su
2100-0100	English	9955 Sa
2130-2230	Portuguese	9955 Su
2230-0100	Spanish	9955 Su
2230-0200	English	9955 Mo-Fr

(White)

Due to an \*unannounced\* numbers station [as opposed to...what? -AQ] popping up on 5850, Monitor Radio International moved their 2000 and 2100 broadcasts from *WSHB* to 5835 kHz. Remainder of the schedule:

0000-0100	9430 7535
0100-0200	7535 9430
0200-0400	5850 7535
0400-0500	7535 9840
0500-0800	7535
0600-0700	7535
0800-0900	7535 11550
0900-1000	7535 7395
1000-1400	6095 7395
1600-1800	18930
1800-1900	11550 18930
1900-2000	11550 17510
2000-2200	7510 5835
2200-2400	7510 13770

(Evans-MRI)

**WWCR** sked through 28-Feb-97:

<b>WWCR-1</b>	
0000-0500	3215 Sa/Su
0000-0505	3215 Mo-Fr
0500-1100	3210 Sa/Su
0505-1100	3210 Mo-Fr
1100-2100	15685
2100-2300	9475
<b>WWCR-2</b>	
0000-1400	5935
1400-2400	13845
<b>WWCR-3</b>	
1200-1400	7435
1400-2200	12160
2200-1200	5070
<b>WWCR-4</b>	
0000-1300	2390
1300-2100	9475
2100-0000	7435

(Sundstrom)

<b>WYFR Family Radio (T-via Taiwan):</b>			
0000-0100	English	11855 6085	2100-2200 Chinese 9280T 6300T
0000-0100	Hindi	11550T	2100-2200 English 15565 11580 7355
0000-0100	Spanish	17845 15215 15170 9715	2100-2200 Italian 11665 5890
0100-0200	Portuguese	11665 9690	2200-0000 Spanish 5985
0100-0200	Spanish	11855 9715 9605 5985	2200-2300 Chinese 9465T 9280T 6300T
0100-0500	English	9505 6065	2200-2300 English 15565 11580
0200-0500	Spanish	11855 9985-(to 0300) 9715 5985	2200-2300 Portuguese 15130
0300-0400	German	9985	2200-2300 Spanish 11665
0300-0400	Russian	9355 7395	2300-0000 Chinese 9465T 9280T 6300T
0400-0500	English	9985	2300-0100 French 15400 15255 6085-(to 0000)
0400-0500	German	11695 7355	2300-2400 Portuguese 11665
0400-0500	Portuguese	11580	2300-2400 Spanish 17845 17750 15215 5985 (BBCM)
0400-0500	Russian	5850	
0500-0600	Arabic	11580 9455	<b>VOA combined sked:</b>
0500-0600	English	11695 9985	0000-0100 Chinese 17765 15395 13655
0500-0600	German	7355 5850	11925 9545 7190 6045
0500-0600	Spanish	11855 9715	0000-0100 English 13740 11695 9775 9455
0500-0700	English	5985	7405 6130 5995 Tu-Sa
0600-0700	English	9985 7355	0000-0100 English 17820 17735 15290
0600-0700	French	11580 9455 5850	15185 11760 9890 7215
0600-0700	Italian	11695 7520	0000-0100 Tibetan 9510 7175 7165 6120
0700-0800	English	9985 9455 7355	0030-0100 Hindi 11835 9650 6025
0700-0800	Italian	5850	0100-0130 Urdu 9505 7255 6025
0800-0900	Portuguese	9605 6175	0100-0200 Chinese 17765 15395 13655
0800-1000	Spanish	9555 6105	11925 9545 7190
0900-1000	Portuguese	9680 9605 9575 6175	0100-0200 English 21550 17740 15370
1000-1100	English	5950	15250 13740 11705
1000-1100	French	11740 9680	9775 9740 9455 7405
1000-1100	Spanish	9575 9555 6105 6085	7215 7205 7115 6130
1100-1200	English	7355 5950	5995 We-Su
1100-1200	Spanish	11830 11740 11725 9605 9575 6085	0100-0200 Spanish 12025 11895 9580 9480 6190
1100-1300	French	13695	0130-0145 Pashto 9650 9505 6015
1102-1605	Chinese	9280T 5275T	0130-0200 Bengali 17780 15210 11830 7255
1200-1300	English	11970 11830 7355 5950	0200-0215 Dari 9670 9650 6015
1200-1300	Spanish	11740 11725 9605 9575 6085	0200-0300 English 21550 17740 15370 15250 11705 9740 7215 7205 7115
1300-1400	English	13695 11970 11830 5950	0200-0300 Russian 9520 7245 7220 7155 6105 5955
1300-1400	Spanish	15355 15130 11725 6085	0300-0400 English 9885 9575 7415 7340 7290 7105 6080 6035 4750(not Fri/Sat)
1302-1502	English	11550T	0300-0400 Persian 9435 7200 6060
1400-1500	English	17760 11830 5950	0400-0430 English 9775 9575 7415 7340 7170 7145 6080 6035
1400-1500	Spanish	15130	0400-0430 Kirundi/ Kinyarwanda 7290 6145 5975 Mo-Fr
1500-1700	English	17750 15215-(fm 1600) 11830	0400-0430 Persian 9435 7200 6060
1502-1602	Hindi	11550T	0400-0500 Arabic 15160 11865 11670 9665 7120 7115 5965
1505-1705	Russian	9955T	0400-0500 Romanian 9750 7155 6120
1600-1700	English	21525 17555 15695	0430-0500 English 9775 9575 7415 7170 7145 6080 6035
1700-1800	Arabic	21525	0430-0500 Portuguese 9675 9480 7370 7290 6145 6090 5975 5745
1700-1800	German	15565	0430-0500 Serbian 7130 6130 6060
1700-1800	Russian	21720 17760	0500-0530 Hausa 9885 7415 6120 5745 4750
1700-1900	English	17555 15695	
1800-1900	Arabic	9825	
1800-1900	French	21720 21525 17760	
1800-1900	Italian	15565	
1900-2000	English	17555	
1900-2000	German	15565 5825	
1900-2000	Portuguese	21525	
2000-2100	English	21525 15565 7355 5810	
2000-2100	French	11665 5825	

0500-0600	English	15205 12080 11825 9755 9700 7295 7170 6080 6035 5970	1400-1500	English	15425 15395 15205 11705 9760 9645 7215 6110
0500-0600	Ukrainian	9510 7245 6170	1400-1500	Russian	17805 15445 11885 11725 9520 7220
0530-0600	Croatian	9585 7210 6030	1400-1500	Tibetan	12040 9635 7290 6015
0530-0600	Hungarian	9615 7130 6125	1430-1500	Georgian	15125 11805 9745
0530-0630	French	15375 13710 11915 9505 9480 7370 7225 6120 5745 4750 Mo-Fr 7295 6125 6030	1430-1515	Pashto	11960 11760 9705
0600-0630	Albanian	15600 15205 12080 11950 11825 11805	1500-1530	English	15395 15205 9760 9645 9575 7215 7125 6110
0600-0630	English	9760 7285 7170 6080 6035 5995 5970	1500-1530	Uzbek	11850 11835 9745
0630-0700	English	11805 7170 5995	1500-1600	Cantonese	6030
0630-0700	English	15600 15205 12080 11950 11825 11805 9760 7285 7170 6080 6035 5995 5970 Sa/Su	1500-1600	Vietnamese	9725 7150 6085 5955
0630-0700	Serbian	7295 6125 6030	1515-1600	Dari	11960 9705 7295
0730-0830	Arabic	11840 9705 9565 7170 6150	1530-1545	Uzbek	11850 11835 9745 Sa-Su
0900-1000	Russian	17865 15445 15410 15370 15250 15205 11970 11930 11885 11725 9625 9520	1530-1600	English	15395 15205 9760 9645 9575 7215 7125 6110 9700 7280 6045
1000-1100	Chinese	15515 13960 11965 11855 9845	1600-1700	Bengali	11995 11965 11785
1000-1100	English	15425 11720 9590 7405 6165 5985	1600-1700	Chinese	11730 9865 9680 7195
1000-1100	Russian	17865 15445 15410 15370 15250 15215 11930 11885 11725 9625 9520	1600-1700	English	17895 15445 15410 15395 15225 15205 13710 13600 12040 11920 9760 9645 9575 7215 7125 6110 6035
1100-1200	Chinese	12040 11965 11785 9680 9530 7120 6160	1600-1700	Hindi	11905 9595 6060
1100-1200	English	15425 11720 11705 9760 9645 6110 5985	1600-1700	Kurdish	11865 11855 7255
1130-1230	Burmese	15145 11840 9505 6030	1630-1700	Swahili	17805 17785 17705 15360 11775 9890 9820 7290 Mo-Fr
1130-1230	Indonesian	11930 9720 9620 7255 7215	1700-1730	Albanian	11865 9705 5970
1200-1230	English	15425 11715 11705 9760 9645 6110	1700-1730	Swahili	17805 17785 17705 15360 11775 9890 9820 7290
1200-1300	Chinese	12040 11965 11785 9680 9530 7120 6160	1700-1800	English	15255 12005 11945 9795 9770 9670 9645 9525 7215 6110 6045 5990 Mo-Fr
1230-1300	Creole	11935 9670 9525	1700-1800	English	17895 15445 15410 15205 13710 13600 12040 11920 9760 6040 6035
1230-1300	Lao	11930 7215 6030	1700-1800	English	9645 7215 6110 Sa/Su 11835 9680 6160
1230-1330	English	15425 11715 11705 9760 9645 6110	1730-1800	Creole	15385 15335 13740
1230-1330	Vietnamese	15145 11840 9890	1730-1800	Portuguese	21485 17785 15505 11775 9815 9780 7290
1300-1400	Chinese	12040 11965 11785 9810 9680 7120 6160 5910	1800-1830	Amharic	15445 11740 7150
1300-1400	Korean	11895 9520 7235 6030	1800-1830	English	15580 13710 12040 11975 11920 9760 6040 6035
1330-1400	English	15425 11705 9760 9645 6110	1800-1830	Portuguese	21485 17785 15505 11775 9815 9780 7290 Mo-Fr
1330-1430	Urdu	11960 9705 9510	1800-1830	Slovak	9735 7270 6020
1330-1500	Cambodian	11930 9885 6140	1800-1900	Arabic	15305 11960 11905 11825 9530 7205 7180
1400-1415	Albanian	17785 15125 7155	1800-1900	Persian	11835 9680 6160
1400-1500	Chinese	11965 11730 9810 9680 7160 6160 5910	1800-1900	Russian	11770 9670 9660 9520 7220 6105
			1830-1845	Tigrigna	15445 11740 7150 Mo-Fr



1830-1900	Azeri	11750 9695 6060	2130-2200	English	17735 15205 15185
1830-1900	English	15445 11740 7150 Sa/Su	2130-2200	Korean	11870 9760 9595 6070
1830-1900	English	15580 15410 13710	2130-2200	Korean	9755 7300 7150 7110
		12040 11975 11920			6130
		9760 6040 6035	2200-2230	Cambodian	9760 7260 6060
1830-1900	Portuguese	9805 7265 5970	2200-2230	Creole	15120 11900 9670
1830-2000	French	17800 17640 15365	2200-2230	English	13710 12080 11975
		15220 12080 11775			7415 6035 Mo-Fr
		9815 9780	2200-2230	Serbian	9725 9600 7195
1845-1900	Oromo	15445 11740 7150 Mo-Fr	2200-2300	Chinese	15395 11925 9545 7200
1900-1930	English	15580 15410 15180			7140 6090 6045 6025
		13710 12040 11975	2200-2330	Indonesian	15205 11805 9620 9535
		11920 11870 9760 9525			7130
		7415 6035	2200-2400	English	17820 17735 15305
1900-2000	Arabic	17740 11905 11825			15290 15185 11760
		9615 9530 7195 6040	2230-2330	Vietnamese	9890 9770 7215
1900-2000	English	9760 (Mon-Fri to 1930 only)	2330-2400	Burmese	9760 7260 6060
1900-2000	Russian	9660 9520 7270 7220			(BBCM)
		6105 6060			
1900-2000	Turkish	11855 7205 6160			<i>Radio Marti</i> sked, all in Spanish
1930-2000	Albanian	9680 9600 7155	0000-0300		7365 6030
1930-2000	Croatian	7285 6170 6050	0300-0400		7405 7365 6030
1930-2000	English	15580 15410 15180	0400-0500		7405 6030 Tu-Su
		13710 12040 11975	0500-0900		6030 Tu-Su
		11920 11870 9760(Sa/Su)	0900-1000		6030 5890 Tu-Su
		9525 7415 6035 4950	1000-1200		6030 5890
2000-2030	English	17755 17725 15580	1200-1400		9565 7405
		15410 15205 13710	1400-1500		13820 11930
		11975 11855 9760 7415	1500-1700		13820 11930 11815
		6035 4950	1700-1800		13820 11930 11815 9825
2000-2030	French	17640 15365 15220	1800-2200		13820 11930 9825
		11775 9815 9780	2200-2300		15330 13820 11930
2000-2100	Arabic	17740 11895 11825	2300-2400		15330 13820 6030
		9650 9530 7250 7205			(BBCM)
		7195 6160 6070 6040			
2030-2100	English	17755 17725 15580			
		15410 15205 13710			
		11975 9760 7415 6035			
		4950(Sa/Su)			
2030-2100	French	17640 15365 15220			
		12080 11775 9815 9780			
		Sa-Su			
2030-2100	Hausa	17640 15365 15220			
		12080 11775 9815 9780			
		4950 Mo-Fr			
2030-2100	Serbian	9690 9600 7155			
2100-2130	English	17735 17725 15580			
		15410 15205 15185			
		13710 11975 11870			
		9760 9595 7415 6070			
		6035			
2100-2130	French	17755 17640 15365			
		15220 12080 11775			
		9815 9780 5985 Mo-Fr			
2100-2200	Chinese	15395 11925 9545 7200			
		7140 6045 6025			
2100-2200	Ukrainian	11875 9565 7180			
2130-2200	English	17725 15580 15410			
		13710 11975 7415 6035			
		Su-Fr			

## VIETNAM

- 4710v *Home Service* now up here; was on 4706 a few weeks ago. (3-Nov/Johnson/Cumbre)
- 1009-1013 Vietnam National Sve (pres.) Has drifted up from 4706v, still // with 5925v and 10060v (14-Nov/Boogert/DXW)
- 5036.06 2235-2245 Hanoi *Hmong Service* Vn, haunting slow local mx, tk, tentative 33333 (13-Nov/Phillips/DXW)
- 6684.1 *Lao Cai* (p) was on 6700v a few weeks ago, but nothing there now. Did find this, though, heard at 1245 with vocals. Music lasted until 1258 when there was brief Vietnamese talk by man. 1300 Talk by woman and found to be in // to 4959.6 at this time for presumed news. Station broke away when news ended at 1306 and resumed local vocal music. (3-Nov/Johnson/Cumbre)

**RADIO FREE ASIA UPDATE** Wolfgang Bueschel answers our query about which *Radio Free Asia* site is now missing due to Chinese pressure. Kazakhstan at 1500 on 5865 and 2300 on 5855 are gone, but

also Tajikistan at 1500 on 7495. As for the new Tibetan service, 11615 at 1300-1400 looks like a good possibility, site un-known, RFA program line testing heard by Alok Das Gupta, India, DX Window, Nov 3 and 4 only. Nothing noted when I checked Nov 12 and 13. Per HFCC that's in a one-hour gap of 11615 usage by RFI Issoudun, and of course 11615 is also used later in the day by Armenia, perhaps the one remaining non-US site for RFA (13-Nov/Hauser/WOR)


R. Free Asia, with loop tape IDs as "This is Channel One, the RFA program (test?)", again on 11615 after absence, noted Sun Nov 17 at 1356 check just before RFI retook frequency at 1359; and Mon Nov 18 at 1300 after open carrier, but went back to OC at 1302, and signal was off at 1353 recheck. We assume this will be used for new Tibetan service, and Armenia possible site. But on rival VOA's Communications World, Nov 16, Kim Elliott said the Tibetan service start has been postponed till beginning of Dec. Meanwhile, I note some intriguing gaps in a revised KHBI sked just issued, and on Viva Miami Jeff White reports that KHBN Palau is negotiating to carry RFA broadcasts (Hauser)

**ZAIRE** No word as to whether *Radio Agatashya* is still on the air from here. Likely not, in light of recent events. (AQ)

*Radio Bukavu*, the Voix du Zaire regional radio station in Bukavu, vanished from its FM perch on 29 October. A new station appeared on its frequency on 19th November, airing news bulletins in French and Swahili and calling itself as "Radio of the People [French: Radio du Peuple, Swahili: Radio Ya Raia] broadcasting from Bukavu" in eastern Zaire. (BBCM)

*Voix du Zaire*, Kinshasa, however, continues to be observed on its recently-reactivated shortwave frequency of 15244.5 kHz between approximately 0500 and 1900. Recent repairs have been made to three LV du Zaire transmitters: "The 100-kW transmitter helps to cover the regions of Haut-Zaire, Nord Kivu, Sud Kivu, Maniema [eastern Zaire] and Shaba. The 5 to 10-kW transmitter helps to reach the regions of Bandundu, Equateur, Bas Zaire, Kasai Occidental and Kasai Oriental, while the 2-kW transmitter covers Kinshasa and its environs." (7-Nov/LV du Zaire/BBCM)

**UNIDENTIFIED** 3295U (carrier + USB) from 2104 with some kind of vocals by woman; at 2115 into sporting event described by man. From 2152, segmented Europop vocals till three chimes at 2200, then "man-talk-woman-talk" till sudden 2201 cutoff. Too much electrical and atmospheric noise to pin down the language, although it seemed non-Slavic Eastern European at times. Also bothered by periodic short bursts of RTTY every minute or so. This on Nov. 1; not there next day. Wonder if it could have been one of those mysterious R. ROKS (Belarus) transmissions? (Hill)

**CONTEST** A.I.R. (Associazione Italiana Radioascolto) - The A.I.R. Contest 1997 "Attilio Leoni" will start at 1700UTC on January 3rd, 1997 and will end at midnight on January 12th, 1997. Participation is open for all radiolistseners, for more information send a message or write to A.I.R. Contest 1997 c/o Pecolatto Bruno, via Soana 13, I-10085 Pont Canavese (TO), Italy. (Pecolatto-IT/TFW/Serra-IT) (TO), Italy. (Pecolatto-IT/TFW/Serra-IT) 

### Welcome to the following new NASWA members

Mark A. Calderazzo, Orlando, FL  
Remi DuBois, Suffolk, VA  
Gordon L. Duff, Chapel Hill, NC  
Robert Eddy, Newport, OH  
Ronald H. Gauthier, Sulphur, LA  
Tim Harrison, Temecula, CA  
Edgar A. Harthman, Bradenton, FL  
Wilmer Heckler, Hatfield, PA  
Kirk Jepsen, Salem, OR  
George Maroti, Mt. Kisko, NY  
Alan Michon, Cleveland, OH

Jan Molenkamp, Austin, TX  
John D. Moran, Fort Wayne, IN  
Jose A. Cabrera Rivera, Arcibo, PR  
Burton L. Rudman, Sarasota, FL  
Patrick Schild, Novato, CA  
James T. Smith, Lenox, MI  
Patrick Sukhu, Jamaica, NY  
Kevin Teen, Metairie, LA  
Robert E. Watts, Ayer, MA  
E.F. Chung Pan Wan, Rose Hill,  
MAURITIUS

# Pirate Radio Report

**Chris Lobdell**  
P.O. Box 146  
Stoneham, MA 02180-0146  
CompuServe: 75720.253  
Internet: piradio@usa1.com

Hello and welcome to another edition of the PIRATE RADIO REPORT. In this edition, we have information on Allan Weiner's upcoming book, news of a new Irish pirate, word on a new issue of a Europirate bulletin and lots of logs.

## Weiner Book Due Out In January

**ACCESS TO THE AIRWAVES: MY FIGHT FOR FREE RADIO** by Allan H. Weiner (as told to Anita Louise McCormick).

Ever since he was in high school, Allan H. Weiner has been seeking access to the airwaves. The free radio stations he ran and his many confrontations with the FCC has kept his name in the news for nearly three decades.

But while the FCC might be able to block him from getting a license to broadcast, the government certainly doesn't control the publishing industry. Thus Allan's story, "Access To The Airwaves: My Fight For Free Radio" is scheduled to appear in print around the first of the year.

The publisher of this free radio saga, Loopanics Unlimited, is pleased to extend their range of "the most unusual books in the world" into the field of pirate radio.

"Access To The Airwaves: My Fight For Free Radio" tells the story of Allan's life from his early interest in electronics, first attempts to get on the air, the pirate stations he built and operated out of the basement of his parent's house in Yonkers, NY, college and legal AM/FM stations in Maine, and of course—his adventures in offshore radio and Radio Newyork International's run on WWCR and WRNO.

This book tells what motivated Allan to keep putting stations on the air and fighting for his constitutional right to broadcast, despite the

FCC's best efforts to silence him. You'll learn about the behind-the-scenes events you haven't read anywhere else.

The book is 250 pages long and is illustrated with numerous photos of Allan and friends running radio stations, free radio QSLs, etc. The publisher has yet to put a price on it as of press time."

I'd like to thank our friend Anita McCormick for the above information.

As soon as the price and ordering information is established, the Pirate Radio Report will past it along. It sounds like an interesting book!

## New Irish Pirate Noted On 6203 kHz

UNITED CHRISTIAN BROADCASTERS has been heard by East Coast North American DXers during the 2100-0000 UTC period on Sundays carrying religious programming.

Jerry Berg who received a quick QSL from Graeme Wilson says that the transmitter power is about 1.5 kw. Since private short-wave stations are not permitted in Ireland, this is considered a pirate.

Address is: Box 255, Stoke-On-Trent ST4 8YY, England.

Well, that's it from here. Be sure to send in those Thanksgiving Holiday logs for next month. Happy Pirate Hunting!

## Pirate Connection Issue #16 Published

Stefan Printz's excellent pirate bulletin "PIRATE CONNECTION" just published its new issue and contains the following features:

An extensive report on the Merchweiler Free Radio meeting in Germany that took place

this summer. Also included is the roundup of US Pirate News by Captain Blood and Outlaw Radio, an article about Radio Bob Communication Network [RBCN], information about how to build your own shortwave transmitter and an interview with Horst Cersovsky of the former DDR.

The Pirate Connection now has a US address where you can get the latest issue for \$4.00. Write to: Pirate Connection, Box 7085, Kansas City, MO 64113. Those in Europe should write to: Box 4580, S-203 20 Malmoe, Sweden.

## Electra Radioship Project Delayed Until Spring

Thanks to information supplied by Anita McCormick we have learned that this joint venture between Scott Becker and Allan Weiner probably will not set sail until spring. The ship is currently waiting for minor hull repairs and painting. Becker has indicated that the funding required to get this ship back in the water will not happen in spring.

## Loggings, Loggings And More Loggings!

6YCAT/THE VOICE OF THE CAT was logged by our Executive Director Rich D'Angelo in PA. He heard them on November 11th at 0344 on 6955 USB playing theme music from "The Munsters" TV show and announcing Box 28413, Providence, RI 02908 as their maildrop.

KOLD, which bills itself as the only pirate currently programming the Big Band format was heard Jim Fedor on October 31st at 0140 with many "Hot Tunes From The Dirty Thirties and Fantastic 40's. They were heard on 6958 in the USB mode putting a good signal into Nevada that night.

RADIO BLANDX a parody of DX publications was heard by Rich D'Angelo on 6950 USB on November 10th at 0233 with an AD for "Secrets of Successful QSL Extortion". [Gee, sounds like something Gerry Dexter wrote, hi!].

RADIO EUROGEEK is another parody pirate which did a funny takeoff of Media Network. D'Angelo heard them on November 9th at 2036 sign on featuring Chuck Putz

and the DX program "Remedial Network." Providence is the maildrop for this one. This station was also heard by our distribution editor Fred Kohlbrenner on 6955 kHz USB.

The *EUROPIRATE RADIO FREE LONDON* was tentatively logged by Bob Hill in MA on a frequency of 3945 kHz at 0413 UTC on November 1st. Bob heard the song "Monday Monday" by The Mamas and The Papas and bits of an English accented DJ. No ID noted but RFL was scheduled to appear here at this time.

TELLUS RADIO which also Ids as "The Earth Station" was noted by D'Angelo on November 10th with a mumbling announcer, poor modulation and lots of David Bowie music. They were heard at 0308 on November 10th.

It isn't often that pirates wander too far away from 6955 kHz, but your editor heard VOX AMERICA on 3469 kHz in the AM mode on November 223rd signing on at 2030 UTC.

The program was dedicated to pro-pot pirate KNBS. Vox America was heard earlier on 6954 kHz with the same program. After the show ended, the announcer told us to retune to 3475 kHz. They no longer announce a maildrop. It was this station who requested \$3.00 for a QSL and then closed their maildrop without issuing any QSLs!

## Maildrop Addresses

Some of our newer members have asked me to repeat the current maildrop addresses used by pirate stations, so here they are:

Postfach 510, CH-4010 Basel, Switzerland

Box 1, Belfast, NY 14711

Box 109, Blue Ridge Summit, PA 17214

Box 293, Merlin, Ontario N0P1W0, Canada

Box 28413, Providence, RI 02908

Box 1073, Sierra Madre, CA 91025

Box 146, Stoneham, MA 02180

Box 220342, D-42373 Wuppertal, Germany

Be sure to send in those Thanksgiving logs for next month. Until then, Happy Pirate DXing!



# QSL Report

Sam Barto  
47 Prospect Place  
Bristol, CT 06010

**600A** RADIO FREE  
SOMALIA

**Galkayo, N.E. Region, SOMALIA**



73° Som

Barry Williams  
Sami Voroni  
P.O. Rose Hill  
Australia 2069

QSL to Station / SWL ZL1ACZ

DATE (UTC)	2-12-74
TIME (UTC)	1300
FREQUENCY (MHz)	9.900MHz
SIGNAL REPORT	5+ AM
MODE	SSB / CW
QSL	PSE / <u>INX</u>

**ALBANIA: Radio Tirana** 7160 f/d cd. w/ flag and sticker in 5 wks. after 6 f/up rpts. (Myers-VA).

**BOTSWANA: Voice of America** 7280 f/d "Michigan" cd. w/ site in 24 ds. (Rogers-MA).

**CANADA: CFRX** 6070 f/d cd. in 26 ds. for ms. Also rcvd. ODXA info. sheet (Rogers-MA).

**CANADA (Pirate): CSHT** 6955 rcvd. QSL sheet w/ photos of other Canadian pirates for a logging in ACE. (Kusalik-ALB).

**CHINA, PEOPLES REPUBLIC OF: China Radio International** 9785 f/d "Jade Buddha" cd. w/ mew blue and white CRI station pennant in 98 ds. (Palmer-

**CLANDESTINE: Radio Democrat International** 7195 f/d orange sheim-WA). \* sheet in 3 mo. for \$1.00. v/s Kayode Fayemi, Director of Communications

**COSTA RICA: Radio For Peace International** 7385 f/d cd. (Palmer- sheim). in 17 ds. for \$1.00. w/ schedule. (Rogers-MA).

BIHUTAN BROADCASTING SERVICE

**TIFC Faro del Caribe** 9664.7 f/d cd. w/ f/d ltr. in 45 ds. for \$1.00 after a f/up rpt. v/s Carlos Rozono Piedrasanta. (Palmer- sheim-WA).

**CROATIA: Radio Croatia** 7165 f/d ltr. in 90 ds. for 1 IRC. (Neal-TX).

**CZECH REPUBLIC: Radio Praha** 7345 f/d cd. in 1 mo. w/ schedule and station booklet. (Weissborn-TX).

**DOMINICAN REPUBLIC: Radio Cristal International** 5012 p/d ltr. in 2 mo. for \$1.00. v/s Fernando Hermon Gross, PD. (Palmer- sheim). f/d 2 page ltr. in 6 wks. for a SP rpt. and \$1.00. (Myers-VA).

**ECUADOR: HCJB** 9745 f/d "Special 35th Anniversary DX" cd. in 36 ds. v/s Richard and Lisa McVicar. (Kusalik). f/d "Quito" cd. in 33

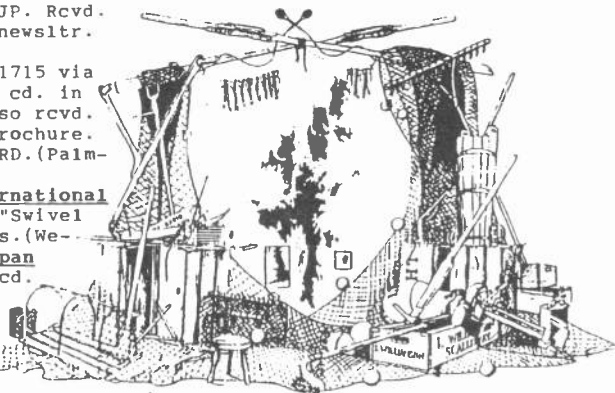
ds. for ms. v/s Glen Volkhardt. (Weissborn-TX). 11615 same in 23 ds. for a rpt. in JP. Rcvd. QSL in JP along w/ a newsltr. in JP. (Hosoya-JPN).

**ENGLAND: MidWest Radio** 11715 via BBC f/d "County Mayo" cd. in 130 ds. for \$1.00. Also rcvd. sticker and station brochure. v/s Michael Commins, RD. (Palmer- sheim-WA).

**GABON: Radio France International** 15325 via **Moyabi** f/d "Swivel Antenna" cd. in 126 ds. (Weissborn-TX). **Radio Japan** 11865 via **Moyabi** f/d cd. w/ site in 2 mo. (Fedor-NV).

**GERMANY: Bayerischer Rundfunk** 6085 p/d "Rainbow" cd. in 16

SEASONS GREETINGS  
from all at Radio Shetland



GUYANA BROADCASTING CORPORATION  
 BROADCASTING HOUSE  
 44 HIGH STREET, WERR-EN-RUBY,  
 GEORGETOWN, GUYANA  
 SOUTH AMERICA.  
 TEL: # 68691-4/ 53732

199-10-29

via Felipe Pined in MDJ, Brazil

Dear Listener,

Thank you for your Reception Report, dated Tuesday July 16 1991

We are pleased to hear from you, and appreciate the fact that you have taken time off to let us know that you are receiving us.

Your report was checked against our logs and found to be Correct/  
Unchanged.

By this letter your report is Verified/Not Changed.

It is our sincere hope that you keep on writing to let us know how well you receive us.

Your suggestions, advice and any criticism would be welcome, since this would assist us to improve our standards.

Attached, please find a partial programme outline in Guyana Standard Time and Greenwich Meridian Time.

This programming can be heard on the Voice of Guyana, 560 KHZ, on the AM Band and 5.950 MHz (Shortwave) on the 49 Metre band.

With Regards,

Yours sincerely,

*[Signature]*

S. Goodson  
 Chief Engineer,  
 GUYANA BROADCASTING CORPORATION.

**VERIFICATION SIGNERS:** ERI Samarinda 3295 Marthin Tapparan.

ERI Wamena 4866 Yos Kumiravak, Director. Addr: P.O. Box 110-99501 Wamena. Radio National du Laos 6130 Khoun Soun-antha, Manager in Charge. TOCH Radio Coatan 4780 Domingo Hernandez, Director. La Voz de Los Caras 4790.5 Ing. Marcelo Nevarez Faggioni. Radio Cristal Internacional 5012.3 Dario Badia, Director General. Procs del Atrato 5020 Ab-

salon Palacios Aqualimpia. La Voz del Guaviare 6035 Luis Fernando Roman R.V., Director. Radio Nacional de Colombia 4955 Jimmy Garcia Camargo, Director. Radio TV Conqolaise 5985 Zaucu-Mouanda.....via PLAY DX.....Sam.

\* ds. (Rogers-MA). Radio Telefis Eireann 15600 via Julich f/d cd. w/ site. in 26 ds. (Buer-FL).

GRECE: Voice of America 7205 via Kavala f/d "Grand River in Michigan" cd. in 27 ds. (Falkenhan-MD).

HONG KONG: Radio Television Hong Kong 3940 nice f/d folder cd. in 19 ds. after a f/up rpt. v/s Lui Kam Chuen, Assistant Engineer. (Kusalik).

INDIA: All India Radio 4775 via Imphal f/d "Devidol, Gaurisager Temple" cd. in 153 ds. for a rpt. sent to station - reply came from Delhi. (Kusalik). f/d "Archaeological Survey of India"

QSL Verification Card  
 Station RADIO BOUGAINVILLE OF NBC  
 For JOHN L. SBRUETTA  
 Thank you for your reception report. We are pleased to verify your reception of our transmission on 31-12-95 from 23-07-23-48 hours 21-12-95m 3325 kHz. with a power of 90 watts.

STATION MANAGER  
Demas V. KUMARNA  
 X [Signature]

cd. in 6 mo. for \$1.00. (Fedor-NV). 4970 via Shil-long very detailed f/d personal ltr. for 2 IRCs in 33 ds. after a f/up rpt. v/s C. Lalrosanga, Director. (Tilbury).

KALIMANTAN TIMUR: RPDTK Dua Berau 5692 \* f/d ltr. w/ f/d prepared cd. in 118 ds. after a f/up rpt. in IN for \$1.00. v/s M. Auzi, Kepala Stasiun.

KIRIBATI: Radio Kiribati (Kusalik). 9825 f/d "Letter QSL Card" in 185 ds. for \$1.00. The QSL had Kiribati

stamps on it but was postmarked from Honolulu. (Tilbury).

LESOTHO: BBC 3255 f/d form ltr. in 33 ds. for \$1.00. (Buer-FL).

LESSER SUNDAS: RPDTK2 Ngada 2904.8 f/d ltr. in 50 ds. for SASE (Used). v/s Petrus Tena. (Palmerheim-WA).

MALTA: Voice of the Mediterranean 15550 via Russian relay in 16 ds. w/ newltr. and schedule. (Hosoya).


MEXICO: Radio Huayacocotla 2390 informative f/d ltr. in EG in 1 mo. for \$1.00. v/s Martha Silvia Ortiz Lopez. (Fedor-NV).

MOROCCO: Voice of America 7285 f/d cd. in 27 ds. (Falkenhan-MD).

NEW ZEALAND: Radio New Zealand International 11905 "National Flag and Greetings" cd. in 12 ds. w/ schedule and sticker. (Hosoya-JPN).

PERU: Radio Continental OAX6D 6055.3 f/d prepared cd. w/ p/d ltr. in 52 ds. for \$1.00. This was after a f/up rpt. in SP. Sticker rcvd.

**Radio Nacional de Paraguay**  
 via Comeau



Asuncion  
 9735 KHz

Confirmed, el 23 enero de 1993 20.39 hora de Asuncion

*[Signature]*  
 FILENOR E. ARGUELLOM.

QSL via Trummel

**SPECTRUM WORLD BROADCASTING**



Confirmation of your reception report on our broadcast of 1-1-86

On a frequency of 6267v KHz/MHz at 1107 UTC/06T

73 from G. Sinclair Engineering Information Department  
134 EASTWORTH RD, CHERTSEY, SURREY, ENGLAND KT16 8DT

v/s J. Antonio Umbart D., Director General. (Palmerstheim-WA)  
Radio Cora 4915 green and pink QSL certificate suitable for framing w/ personal ltr. and stickers in 6 wks. after a f/up rpt. in SP. v/s Juan Ramirez Lazo, Director Proprietario. Tnx to D'Angelo and Paszkiewicz for help on this one. (Lazarus-LA).  
RUSSIA: Deutsche Welle  
5925 "Earth and Sate-

**VERIFICATION SIGNERS:** FRON Ibadan 6050 Dare Polarin, Senior Public Affairs Officer.  
Radio Victoria 6018 Marta Flores Ushinahua. Radio Cora 4915 Juan Ramirez Lazo, Gerente.  
Radio Educadora de Braga 4825 Zelina Cardoso Goncalves, Secretaria. Radio Anhanquera CBN 4915 Ing. Domingos Vicente Tinoco, Technical Manager. Radio Difusora Jatai 4935 Zacarias Feleiros. Radio Guarujá 5980 Acy Cabral Teive, Director. Radio Difusora 6 de Agosto 3255 Francisco Evangelista De Abreu. Send report to: Eduardo De Souza, C.P. 22, Kapuri, Acre. Radio Bandeirantes 11925 Salomao Esper, Director. Radio Meteorologica Paulista 4845 Roque de Rosa, Director.....via PLAY DX.....Sam.

lite" cd. in 10 ds. (Hosoya-JPN). Voice of Vietnam 7250 f/d cd. w/o site in 43 ds. for \$1.00. Also rcvd. schedule, sticker and pennant. (Rogers).  
SAO TOME: Voice of America 4950 f/f "Niagara Falls" cd. in 34 ds. (Rogers). same in 3 wks. (Fedor-NV). Also rcvd. cd. for 4750 w/ "cannot verify" statement. This is a first for me...Jim Fedor. Glad to hear from you!  
SLOVAKIA: Radio Slovakia International 5930 f/d "Map" cd. in 25 ds. (Rogers).  
SOLOMON ISLANDS: SIBC 5020 f/d cd. w/ ltr. and schedule ers-MA).

Sarapelo, 28 de Diciembre de 1995.

Señor  
JERRY KLICK  
ESTADADO UNIDO:

Es una alegría dar contestación con un minuto de fecha 16 de Diciembre de 1,995, primero me congratulé ante mí. mi nombre es ADRIAN CRISTIAN VASQUEZ, soy la secretaria de este Bureau radial, tengo 3 hijos, 2 hombres y 1 mujer, 23, 25 y 14 años, soy divorciada, mis hijos se llaman RAL, HAROOP y KELETHA. estudio, estoy trabajando 10 años en este Bureau.  
El dueño de esta Bureau es el señor VICENTE DANIEL COPAL PEREZ, el Gerente Administrativo es el señor CARLOS PANTERO DEL AGUILA 19 Jovenes entre locutores y operadores, periodistas.  
Le voy a dar un regalo el 15 de Diciembre de 1,996, cuando 17 años tiene una potencia de 1,500 WATT, de fabricación nacional, Antena tipo H.

El PROGRAMA que escuché en línea EL SUR SUR MARDOLCO, en idioma hispano significa entre otros y oscuro, comienza a partir de las 4.00m hasta las 6.30m.-dirige el programa RAYNY DEL CASILLO TOROJON.

Amigo Jerry en tierra Sarapelo, visiten nuestros periodistas, es muy bello, hay muchas cosas turísticas, se puede ir muy cómodo, espero que usted algún día pueda visitar al SURUR, los miembros de esta Casa radial estarán siempre para usted, cuando se alda venir ya nos comunicaron para pedirle de qué: tenga informes que le comunicarán con mucho gusto.

Me encantó poderme ver la noche una vez, me devolvió hasta pronto, espero que mi información le sea útil, espero su contestación, saludos de todo el personal de Radio Imagen.

URA AMICA. *[Signature]*

Adrián Cristian Vasquez  
Secretaria  
RADIO IMAGEN

NOTA: el propósito es 254.

John Babera, General Manager.  
SUDAN: Radio Om- (Myers-VA).  
durman 9200 f/d ltr. in 6 wks for \$1.00. v/s Mohammed E. Khalil. Addr: P.O. Box 572. (Fedor-NV).

SYRIA: SARBS 15095 f/d cd. w/ sticker, newspaper and schedule in 2 mo. via registered mail. (Fedor-NV).

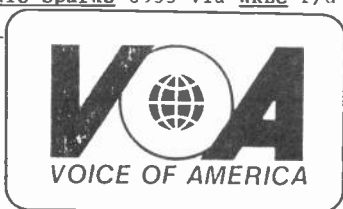
THAILAND: Voice of America 9670 via Udorn f/d cd. w/ site in 2 wks. (Fedor). Radio Thailand 9885 p/d "Masked Play" cd. in 70 ds. for \$1.00. (Weissborn-TX).

USA (Pirates): Radio Mirage 6955 via NAPRS f/d cd. w/ personal ltr. in 19 ds. for 3 ms. (Glockner-PA). Radio Azteca 6950 cd. in 29 ds. for \$1.00. This was in the form of a fuzzy frog! (McCarthy). same via WREC on 6955 w/ f/d cd. w/ pennant and an Omaha Zoo Penguin cd. in 1 mo. for 3 ms. (Glockner). KOLD 6955 QSL #70 in 101 ds. for \$1.00. v/s Aldo Batista. (McCarthy-GA). Radio Fusion Radio 6955 f/d sheet in 24 ds. for 3 ms. (Glockner-PA).



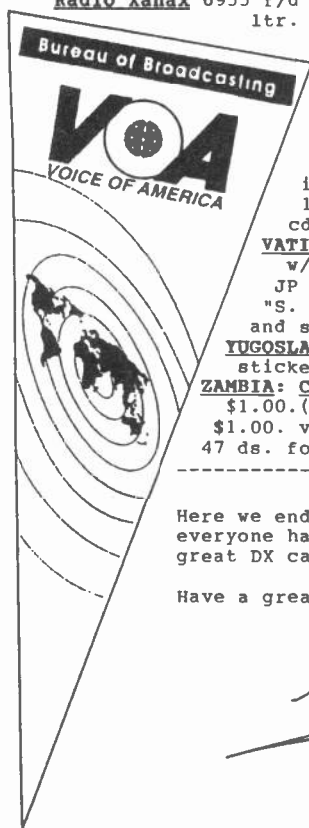
NOTES: The illustrations on this page are from Hosoya in Japan.

**KDED** 6955 cd. w/ skull in 97 ds. for \$1.00. (McCarthy). **Radio KAOS** 6955 f/d certificate in 96 ds. for ms. (Palmerheim). **Rock-It-Radio** 9955 via **WRMI** 2 small cds. in 8 ds. w/ long personal ltr. (McCarthy). **Radio USA** 6955 and 6954 f/d "7415 Death" and "10th Anniversary" photo cds. in 28 ds. for 3 ms. (Glockner-PA). **WPRS** 6955 ltr. in 9 ds. for \$1.00. 100 watts. (McCarthy-GA). **Free Hope Experience** 6955 f/d personal ltr. in 45 ds. for 3 ms. (Glockner-PA). f/d personal ltr. in 46 ds. for 3 ms. (D'Angelo-PA). **Radio Sparks** 6955 via **WREC** f/d yellow "Leprechaun" cd. in 15 ds. for \$1.00. (Kusalik). f/d cd. w/ sticker, personal ltr. and newsltr. in 12 ds. for \$1.00. Use the Swiss addr. (Glockner-PA). **WGLR** 6955 f/d sheet in 47 ds. (Kusalik).



**SPECIAL OFFER:** Your QSL Editor has received many requests for USA commemoratives as part of the stamp offer. So here it is!!! It will be Christmas all year in 1997. For enclosures in your reception reports we are still offering 600 foreign (large) stamps for \$5.00 or 1300 for \$10.00 or 2000 for \$15.00....in addition for each \$5.00 order I will include absolutely free over 300 US commemoratives! Thats 900 stamps for \$5.00; 1900 for \$10.00 or 2900 for \$15.00. Can you pass this one up? Supplies are unlimited.....Sam.

**Radio Kanax** 6955 f/d cd. in 17 ds. (Kusalik). **Bull Frog Radio** 6955 ltr. of a tree frog in 111 ds. for \$1.00. 80 watts. (McCarthy). **Radio CSA** 6955 f/d "Make My Day FCC - Rambo" sheet in 28 ds. (Kusalik). **USA: KJES** 11715 f/d cd. in 21 ds. for ms. (Rogers-MA). **WEWN** 13695 f/d "Mother Angelica" cd. w/ schedule in 12 ds. for ms. (Rogers). **WRNO** 7355 p/d "Globe/Flag" cd. in 15 ds. for SASE. (Rogers). **WSHB** 13770 f/d "Transmitter Site" cd. in 63 ds. for ms. (Rogers). **NYFR** 6065 f/d cd. in 16 ds. for ms. (Rogers). **KTBN** 7510 f/d "Antenna" cd. in 22 ds. for ms. (Rogers). **VATICAN: Radio Vatican** 9600 f/d "Satelite Dish" cd. w/ schedule, newsltr and sticker in 48 ds. for a JP rpt. The QSL was in JP. (Hosoya-JPN). 15570 f/d "S. Maria di Galeria Transmitter Site" cd. w/ sked. and sticker in 46 ds. (Weissborn-TX). **YUGOSLAVIA: Radio Yugoslavia** 9580 f/d cd. in 3 mo. w/ sticker and schedule. (Fedor-NV). **ZAMBIA: Christian Voice** 3330 n/d cd. w/ p/d form ltr. for \$1.00. (Falkenhan-MD). same in 75 ds. w/ schedule for \$1.00. v/s B. Phiri. (Kusalik-ALB). 4965 n/d form ltr. in 47 ds. for 2 IRCs. (Tilbury).



Here we end yet another QSL Column. I hope everyone has a holiday season full of great DX catches and QSLs.

Have a great 1997.....

*Sam*





# Scoreboard

**Jerry Lineback**  
220 West Third  
Garnett, KS 66032

Greetings and welcome to the SCOREBOARD. The SCOREBOARD is a quarterly feature of the NASWA JOURNAL. In it, DXers from beginners to seasoned pros get to share their progress in the hobby. C/H = Countries Heard and C/V = Countries Verified. Country counts should be made according to the NASWA Radio Country List, available from headquarters. You must update at least once a year to remain on the SCOREBOARD. When updating, please update all totals. The SPOTLIGHT this month is on Asia. Thanks to all contributors. Support SCOREBOARD by listing your totals. Next deadline is February 15, 1997 when the SPOTLIGHT will be on Europe. On to the totals!

Name, State	Total		Asia		Best Asian QSL
	C/H	C/V	C/H	C/V	
William Flynn, OR	238	222	68	62	BCS Kure, Japan
Marlin Field, MI	237	236	66	65	RRI Serui
Dan Henderson, MD	237	229	68	65	RKPKD Jember
Jerry Berg, MA	235	233	66	65	Port. Timor
John Sgrulletta, NY	230	230	60	60	VoPeace
Steven Lare, MI	228	207	67	59	Bhutan 5023.1
Nobuaki Takahashi, Japan	226	201			
Terry Palmersheim, WA	224	213	67	61	Bhutan
Richard A. D'Angelo, PA	220	213	60	58	Afghanistan
Sheryl Paszkiewicz, WI	217	210	60	53	Sri Lanka BC
Rick Krzemien, CA	215	209	62	60	Azad Kashmir
Paul Buer, FL	215	203	56	53	VoPeace
Ron Howard, CA	215	200	59	55	Kashmir
Niel Wolfish, Ont.	214	163			
Christos Rigas, IL	212	193	59	52	Bahrain
Fred Kohlbrenner, PA	212	189	59	54	RRI Dili
Jerry Klinck, NY	212	189	60	46	AIR Pt. Blair
Mike Hardester, NC	211	198	60	58	AFNT Taiwan
Stephen E. Pitts, MN	207	196	65	63	RRI Sibolga
Jerry Lineback, KS	206	108	55	15	Ujung Pandang
Charlie Washburn, ME	202	161	43	32	Ulan Bator
Stephen Price, PA	187	161	58	52	Burma direct
Allan Loudell, DE	182	153	48	41	Bangladesh
John C. Eckert, PA	179	162	45	43	
Daniel McCarthy, GA	178	154	41	35	VoMet. Turkey
Ross Comeau, MA	175	142	44	34	Andaman Is.
Bill Bergadano, NJ	175	120			
Gary Froemming, AZ	175	43	46	6	BSF Taiwan
Andy Rugg, Que.	171	154	41	38	BBC Singapore
Richard Hankison, KS	164	141	36	28	Pyongyang
Scott Helm, KS	163	115	49	29	RRI Mataram
Mark Humenyk, Ont.	160	125	45	33	R. Korea
Carl Radtke, WA	153	153	40	40	Qatar
Dan Ziolkowski, NY	147	53	40	12	Vietnam
Wally Peters, MN	142	114			
Bob Raymond, NH	137	109	33	25	VoMalaysia
Philip Atchley, CA	133	89	41	24	Burma
Robert E. Gearing II, FL	131	89			
Joseph P. Zobro, MI	130	94	33	23	R. Baghdad
John S. Brown, OK	121	111	35	31	Afghanistan
Jill Dybka, TN	112	84	24	15	VoA Colombo
Gary R. Neal, TX	75	52	14	10	RM Sarawak
Don Dacus, AR	65	31	15	5	Kol Israel
Signee Hoffman, CA	39	28	10	6	

TNX 273 Jaz

# Contributors' Page

**Fred S. Kohlbrenner**  
2641 S. Shields St.  
Philadelphia, PA 19142  
Internet: fkohl@ix.netcom.com

## LOGGINGS CONTRIBUTORS-NEXT DEADLINE IS THE 10TH OF THE MONTH

The following members contributed loggings:

Frank ADEN, Boise, ID	FRG-7 50' LW
Brian ALEXANDER, Mechanicsburg, PA	AOR AR-7030 100' LW
Gabriel Ivan BARRERA, Buenos Aires, ARG	NRD-525 32m dipole
Jerry BERG, Lexington, MA	R8 165' LW
Erik BUENEMAN, Hazelwood, MO	ATS-803A homebrew antenna
Larry COLTON, Oldsmar, FL	
Ross COMEAU, Andover, MA	R8 325' LW
Rich A. D'ANGELO, Wyomissing, PA	R8 HF150 AD-DX/SWL Sloper 100' LW
Jim FEDOR, Wells, NV	Icom R-70 LW
Bill FLYNN, Cave Junction, OR	R8 DX-Ultra inverted V
Bob FRASER, Cohasset, MA	Sony ICF-2003 ICF-SW100S 2m LW
Bob HILL, Holliston, MA	Sony 2010 w/ whip 120' dipole RW Loop
Hans JOHNSON, Englewood, CO	R8 2-500' LW's
Fred KOHLBRENNER, Philadelphia, PA	R8 NRD-525 FL-3 ANC-4 LW's
Ben KREPP, Chamberlain, ME	R8-A 2010 60m dipole 500' beverage
Harold LEVISON, Philadelphia, PA	R8 R70 YB400
William McGUIRE, Cheverly, MD	DX-380
Jim MOATS, Ravenna, OH	DX-440 48' indoor dipole
Bob MONTGOMERY, Levittown, PA	R388 NRD-525 DX Pro 1
Ed NEWBURY, Kimball, NE	WJ-1000 R8 60'Sloper 20' loop
Mike NIKOLICH, Lake Barrington, IL	NRD-515 R5000
Denis PASQUALE, New Brighton, PA	DX-440 10m LW
Sheryl PASZKIEWICZ, Manitowoc, WI	R8 NRD-525 60' LW Eavesdropper
Stephen PITTS, Minnetonka, MN	NRD-535D FRG-7 Eavesdropper RW Loop
Bob RAYMOND, Nashua, NH	Icom IC-745 160m inverled L
Chuck RIPPEL, Cornland, VA	R390A R8A R1051H SP-600 51S-1 LW's
Betsy ROBINSON, Clinton, TN	Sony 2010 Indoor antenna
Mike RYAN, Bangkok, THAILAND	
Mindy SCHEER, Dunnellon, FL	DX-390 Amplified SW antenna
Giovanni SERRA, Anzio, ITALY	NRD-525 AD Sloper
Mahendra VAGHJEE, Rose Hill, MAURITIUS	Sony ICF-2010 ARA-60
George VADINO, Bellevue, WA	R8 NRD-525 Eavesdropper
Henry WEISSBORN, Houston, TX	Grundig YB500
Dan ZIOLKOWSKI, South Buffalo, NY	R8 Sloper SPS NRF-7 SEM QRM Eliminator

Several of our contributors attended DXpeditions this month. Ben Krepp and Bob Hill were on a BADX trip to Pemaquid Point, Maine from October 25-27th. Rich D'Angelo, Bob Montgomery, and yours truly went back out to Gifford Pinchot State Park in central Pennsylvania from November 6-10th. This was our 17th or 18th trip to the park since 1991!

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



# Tropical Band Loggings

Sheryl Paszkiewicz  
P.O. Box 152  
Manitowoc, WI 54221-0152

2310 AUSTRALIA VL8A 11/8 1158 pop mx //2325 (Kohl-PA)  
 2340 CHINA Fujian PBS 10/7 1204 tlk, mx, poss ID (Pitt-MN)  
 2479.9h DOM REP R Revelacion 10/13 0110 rel pgm (Alex-PA)  
 2485 AUSTRALIA VL8K 10/15 1206 pops, ID, nx (Pitts-MN)  
 2920h UNID 11/3 0710 SP pops & anmts, weak (Alex-PA)  
 3223 INDIA AIR Simla 10/30 0038 tone, IS, chorus, tlk (John-CO)  
 3224.8p SUMATRA RRI Tanjung Pinang 11/3 1205 Jakarta nx, mx (John-CO)  
 3230 SOUTH AFRICA R Oranje 10/26 2025 Doobies, Beatles, etc (Krepp)  
 3234.9nf PERU Luz y Sonido 11/1 2307 ballad, ID, anmts (Hill-MA)  
 3240 SWAZILAND TWR 10/2 1917\* tlk, mx, sermon, ID, IS (Serr-IT)  
 3245p INDIA AIR Lucknow 10/9 2130 SC mx, anmts (Hill-MA)  
 3249.8 HONDURAS R Luz y Vida 10/27 0210 rel pgm, EG Children's Bible Hour, good (Alex-PA)  
 3255 LESOTHO BBC 10/30 0305 EG nx (Fedó-NV)  
 3290 GUYANA GBC 10/16 0910 10/16 0910 EG tlk, echo, birthday wishes C&W, ID, ads (Ziol-NY)  
 3295 UNID vcls, sports, 3 chimes 2200, tlk, seemed non-Slavic East Euro. (Hill-MA)  
 3306 ZIMBABWE ZBC 10/3 1921 Afropops, M DJ, poor (Serr-IT) 11/5 0339 Afropops, nx, 0402 dropped out (Niko-IL) 11/1 0315 Afr pops, 3396 not nearly as good (Ripp-VA)  
 3315 INDIA AIR Bhopal 11/1 0052 tlk, SC mx (Ripp-VA)  
 3325 SUMATRA RRI Palangkaraya 10/27 1310 Jak nx, ID (John-CO) 10/23 1520 vcls in lang, EG mx, tlk (Vagh-MAUR)  
 3330 ZAMBIA Christian Vo 10/28 2113 gospel mx, no CHU (Hill-MA) 10/25 0354 gospel mx, ID, theme from Jeffersons (Fedó-NV)  
 3335 SWAZILAND TWR 10/4 \*0310 IS, EG ID, rel in lang (Alex-PA)  
 3340 UGANDA RU 10/17 2102\* Afropops, tlks, NA (Serr-IT)  
 3344.9 MOLUCCAS RRI Ternate 10/7 1233 vcls, ID, SCI (Pitt-MN)  
 3354 BOTSWANA RB 10/12 2040 down here today (Hill-MA)  
 3356 BOTSWANA RB tent 10/2 1931 poss nx, chorus, mx (Serr-IT) 10/31 0256 IS, mx, ID, FC //4820 (Fedó-NV)  
 3375 ANGOLA RR 9/20 0445 pops, echo anmt, //4950, good (Fedó-NV)  
 3384.9 SUNDAS RRI Kupang 10/26 2117 mx, IN tlks, booming in (Hill-MA)  
 3396 ZIMBABWE ZBC 11/5 0345 Afropops, nx 0400 not //3306 (Niko-IL)  
 3912t CLAND Vo People 9/21 1400 tlk in lang, good (Fedó-NV)  
 3915 SINGAPORE BBC 10/26 2100 nx blasting in (Berg-ME)  
 3950U ITALY IRRS 10/11 2054 pops, IDs, addr (Hill-MA)  
 3955 ENGLAND BBC 10/30 0706 EG nx, ID (Buen-MO)  
 3975 HUNGARY R Budapest 10/5 1927 GM IS, ID, class mx, nx (Serr)  
 3995 GERMANY DW 10/30 0703 GM nx, f-g (Buen-MO)  
 4000 SUMATRA RRI Padang 10/23 2220 ME mx, tlk, weak (Hill-MA)  
 4050 KYRGYZSTAN KR 10/20 2320 RS tlks by M&W \*2300 //4010 (Ryan) Mike thinks this could be hrd in NE US.  
 4070 CLAND Vo Iraqi Kurdistan 10/1 1738 ment Kurdistan, ID, chant anmts in lang, some AR (Serr-IT)  
 4409.3 BOLIVIA R Eco 11/9 2322 long tlk, flutes (D'Ang-PA)  
 4460.9 PERU R Norandina 11/8 1029 anmts, greetings, OA mx (Kohl-PA)  
 \*4471 BOLIVIA R Movima 11/9 1018 rustic mx, TC, ID (D'Ang-PA)  
 4485 RUSSIA R Rossii 9/28 1850 class mx, anmt, jingle, ID (Serr-IT)  
 4485.2 PERU LV de Celendin 10/6 0308\* anmts, folk mx, ballads, rel mx, NA (Alex-PA)  
 4500 CHINA Xinjiang PBS 10/25 2348 EG lesson, TP, ID (Serr-IT)  
 4552.3 BOLIVIA Rdf Tropicó 11/10 0015\* rosarym ID, poor (Kohl-PA)  
 4557 CLAND Vo Natl Salvation 9/21 1345 tlk/mx //3481 (Fedó-NV)  
 4632.4 BOLIVIA R 11 de Octubre 11/9 0931 rel tlk, ID (D'Ang-PA)  
 4635 TAJIKISTAN TR 10/29 0058 IS, ment Dushanbe, chorus (John-CO)  
 4649.lp BOLIVIA R Santa Ana 10/23 0150 flutes, tlk (Pitts-MN)  
 4702.3 BOLIVIA R Eco 10/5 0228\* anmts, ballads, echo (Alex-PA)

4710v VIETNAM HS 11/3 1243 here now ex-4706 (John-CO) .  
4725t MYANMAR VoM 10/25 1345 long tlc, s/off anmts, mx (Fedo-NV)  
4734.4 CHINA Xinjiang PBS? 10/18 2345 tlc, mx, TP, nx (Serr-IT)  
4750 SAO TOME VOA 10/9 0323 Daybreak Africa EG (Fedo-NV) tent on  
10/26 0212\* instl mx, abrupt s/off (Alex-PA) 10/10 0345 EG nx  
(Newb-NE)  
4750t TIBET Xizang PBS 10/25 1400 CH tlks, nx, laughter (Fedo-NV)  
4753.4 SULAWESI RRI U-P 11/9 2140 tlc, vcls, SCI, nx (D'Ang-PA)  
4760 ANDAMAN AIR Pt Blair 10/27 1125 SC mx, ID, tnx Hill (Krepp-ME)  
10/11 1125 Hindi mx, ID, tnx Valko (D'Ang-PA)  
4760 SWAZILAND TWR 10/5 0322 chorus, anmts, gospel mx (Newb-NE)  
4763.5 UNID 10/24 1956 segued cuts from Bad Company. Testing? (Hill)  
4770 ECUADOR Centinela del Sur 11/1 \*1100-1130\* ID, ballads (Robi-TN)  
10/13 0306\* anmts, pops, anmts, ID, NA (Alex-PA)  
4770 NIGERIA RN 10/13 2110 EG svc, fair (Raym-NH)  
4775 PERU 9/28 1027 R Tarma tlc over mx (Ziol-NY)  
4777 GABON RTV Gabonaise 10/4 2024 chant, FR tlc, IDs (Serr-IT)  
\*4777.7 BOLIVIA R Andes 11/8 0956 Andean mx, sev IDs (Kohl-PA) 10/23  
0958 mx, ID, FC, ment Bolivia (Ziol-NY) 11/9 0942 rustic mx,  
sev IDs, fair (D'Ang-PA)  
4779.8 GUATEMALA R Cultural 11/1 \*1130 ID, orch, rel pgm (Robi-TN)  
10/26 0239\* tlc, ID, rancheras (Alex-PA)  
4782.4 MALI RTM 10/20 2335 FR pops //4835 tent ID (Mont-PA)  
4789.1 IRIAN JAYA RRI Fak Fak 10/26 \*2059 SCI, nx (Hill-ME) 10/26  
2059 IS, tlc, soon sank (Berg-ME)  
4790t INDIA AIR Itanagar? 10/26 1118 tlc, TP, Indian mx (Berg-ME)  
10/13 1129 SC tlc, TP, gospel mx (Hill-MA)  
4790 PERU R Atlantida 10/28 1035 Andean mx, fair (Newb-NE)  
4799.9 GUATEMALA R Buenas Nuevas 9/29 1114 mx, ID (Ziol-NY) 10/26  
0232\* rel pgm, organ, IDs, ute QRM (Alex-PA)  
4800h CUBA R Rebelde 10/6 0830 anmts, pops (Alex-PA)  
4800 INDIA AIR Hyderabad 10/31 0024 IS, chorus (John-CO)  
4800 LESOTHO RL 10/26 2125 Amer soul, prayer, hymn, NA (Krepp-ME)  
4805 BRAZIL Rdf Amazonas 10/9 0932 anmts, promos, pops (Newb-NE)  
4805t BRAZIL R Itatiaia 10/5 2328 vcls, ID (Ziol-NY)  
4815 BURKINA FASO RTV 10/5 2345 FR tlc, hilife, ID, NA (Ziol-NY)  
10/22 2208 FR nx, cmtry (Pitts-MN) 10/21 1738 lang tlc on  
politics, mx, FR anmts (Vagh-MAUR)  
4815t ECUADOR R Buen Pastor 10/27 1041 HC mx, TCs, anmt (Berg-ME)  
11/9 1026 Quechua mx pgm (D'Ang-PA)  
4830 THAILAND World Svc has EG 1230 & 0030 (Ryan-THAI)  
4832 COSTA RICA R Reloj 11/9 0538 vcls, ID, calls ltrs, TC (Pasz-WI)  
4835 GUATEMALA R Tezulutlan 9/29 1124 xylo mx, tlc, ID (Ziol-NY)  
4835 MALI RTM 10/14 1925 monotone talk, IS, FR nx, IS (Serr-IT)  
4845 GUATEMALA R Kekchi 10/16 1111 IDs, instls (Mont-PA)  
4862.4 UNID 10/11 1018 Andean vcl, -5 TC, long tlc, ad? (Hill-MA)  
4870 ECUADOR unid 11/12 0155\* long tlc, Radio ? ID, HC call ltrs,  
HC NA. Upano? (Pasz-WI)  
4874.6 IRIAN JAYA RRI Sorong 10/11 1246 pops, ID, mx, SCI (Pitt-MN)  
4874.7 BRAZIL Rdf Roraima 9/30 0911 pop, tlc, crows, poss ID (Ziol-NY)  
4875.1 BOLIVIA La Cruz del Sur 11/7 0022 Aymara tlc, ID, chimes (John)  
4886.6 PERU R Villa Rica 10/28 1043 tlks, Andean mx (Newb-NE)  
4890 PAPUA NBC 10/5 1011 EG tlc, good (Ziol-NY) 10/9 0940 C&W mx  
rockabilly, EG DJ (Newb-NE)  
4895 BRAZIL R Bare 11/2 0000 cowboy mx, IDs, poor, 1st logged in  
Jan 52! (Flynn-OR)  
4895 INDIA AIR Kurseong 10/18 1227 flute, tlc, ID, nx (Pitt-MN)  
4895 BRAZIL R Bare 10/10 0911 pops, IDs, ment Brazil (Ziol-NY)  
4895 MALAYSIA RM Kuching 9/20 1330 Green Netwk Pgm ME mx, anmts  
Theme from Dr. Zhivago, TP, ID, nx //others (Fedo-NV)  
4902 SHRI LANKA SLBC 10/26 1944 chant but noisy (Hill-ME) 10/26  
1930 SC mx on late (Berg-ME)  
4905.4 COLOMBIA Ecos del Rinoco 10/20 0040 anmts, IDs, salsa (Alex)  
10/21 0146 vcls, IDs, QTH (D'Ang-PA)  
4910 AUSTRALIA VL8T 10/24 1441 EG quiz pgm (Flynn-OR)  
4911 ZAMBIA ZNBC 11/5 0400 acapella mx, nx, ment Zambia (Niko-IL)  
4914.4 PERU R Cora 10/13 1030 SP ID, somber mx (Ziol-NY)  
4919 ECUADOR R Quito 10/5 0340 tlks, good (Newb-NE)  
4935 KENYA KBC 10/26 1950 best ever sig EG reading, ID, TC (Berg-ME)  
4949.8 ECUADOR R Bahai 11/9 1056 ID, Andean flutes, vcls (Kohl-PA)  
11/4 \*0900 orch NA, ID, anmts (D'Ang-PA)  
4950 ANGOLA RN 10/19 0008 pop, disco, p-f (Serr-IT)

4950 SAO TOME VOA 10/25 2000 Africa World Tonite (Krepp-ME) 11/3  
 2009 Afr Svc, UN nx, IDs //sev others (Alex-PA)  
 4959.6 VIETNAM Vo Vietnam 10/14 1226 tlk, orch mx (Pitt-MN)  
 4960.9t MADAGASCAR RTV 10/19 \*0257 IS, lang tlk (Alex-PA)  
 4974.8 PERU R del Pacifico 11/9 0931 sermon, hymn, fair (Kohl-PA)  
 4975 TAJIKISTAN TR 10/30 0058 IS, QRM from del Pacifico, tnx BBCM  
 (John-CO)  
 4980 VENEZUELA Ecos del Torbes 10/10 0248 folk mx, mandolin, big  
 band mx (Newb-NE)  
 4990 ARMENIA Vo Armenia 10/5 1730 TK IS, IDs, class mx bridge, nx  
 ment Yerevan, instl //4810 (Serr-IT)  
 4995.7 PERU R Andina 10/18 1035 anmts, ID, Peruvian mx (Mont-PA)  
 5000 VENEZUELA YVTO 10/26 0122 TP & IDs, fair (Serr-IT)  
 5003.7v RIO MUNI RN 10/19 1911 tlk, sev IDs, Afropops (Serr-IT) 10/21  
 2156\* Afr vcsls, anmts, NA (Pitts-MN) 10/19 2205\* vcsls, ID  
 long NA, fair (D'Ang-PA)  
 5005 NEPAL R Nepal tent 10/19 0033 lang mx, strings, tlk (Serr-IT)  
 11/2 0011 tone, IS, gongs, SC mx, ment "nay-paul-lee" nx (John)  
 5005.6p PERU R Jaen 10/16 0103 pop mx, tlk, poss ID (Pitt-MN)  
 5010 INDIA AIR Thiru'puram 11/7 0047 vcsls, ID, nx (D'Ang-PA)  
 5015t TURKMENISTAN TR 10/19 1935 chant, anmts, IS, TP, poss nx (Serr)  
 5019.7 COLOMBIA Ecos del Atrato 10/26 0334 Caracol pgm //5076 (Serr)  
 5020 NIGER LV du Sahel 10/18 1750 tlk, tribal mx, ID, howl (Serr-IT)  
 5020 SOL ISL SIBC 10/9 0950 pops, C&W, promos (Newb-NE)  
 5021.7v NIGER LV du Sahel 10/22 2005 FR mx, chants, anmts, pops (Serr)  
 5025 BENIN R Parakou 10/19 2145 FR tlk, ID, good (D'Ang-PA)  
 5033.9 CENT AFR REP RTC 10/15 1854 lang/FR cmtry, TP, speech (Serr)  
 11/3 \*0427 IS, NA, FR anmts, choral mx (Alex-PA)  
 5040 COLOMBIA LV de Yopal 11/1 2300 tlk, anmts, ads, ID (Alex-PA)  
 5045 BRAZIL R Cult do Para 10/26 0130 Braz songs, ID (Serr-IT)  
 5050.1 TANZANIA RT 10/26 1900 EG nx, NA 1915\* (Berg-ME)  
 5054.9 FRENCH GUIANA RFO 10/26 0153 songs, phone tlk, ment Cayenne  
 anmts, nx, bonjour, pop songs (Serr-IT)  
 5060 UZBEKISTAN R Tashkent 10/13 \*1200 IS, EG ID, FC, good sig(Hill)  
 11/7 \*1158 EG ID, nx, fair //5975 (D'Ang-PA)  
 5060.2 ECUADOR RN Progreso 10/26 0204\* pops, anmts, NA (Alex-PA)  
 5070 USA WWCN 10/30 0655 Revolution by Truth bx, ID (Buen-MO)  
 5085 USA WGTG 10/20 2215 Heaven's Fire Bx, ads (Raym-NH)  
 5100 LIBERIA R Liberia 10/5 1905 EG mx, nx, FR nx, tamtam, IDs(Serr)  
 10/20 2307 EG pleas for Liberian unity (Raym-NH) Tnx!--sp  
 10/12 0011 EG rock mx, hilife, fair (Flyn-OR)  
 5119.7h COSTA RICA R Alazuela the one per TBL 4x1280 (Hill-MA)  
 5139.8 PERU R Amauta 10/31 0041 campo mx, TC, ID (John-CO)  
 5295 CHINA CNR 10/17 2113 tlk, poss nx, mx pauses //7935 (Serr-IT)  
 5498.1 PERU R Lajas 10/31 0058 vcsls, ute QRM, TC, ID 0106 (John-CO)  
 5770 NICARAGUA R Miskut 11/18 2344\* ballads, anmts, ID, choral NA  
 Brian, I finally hrd this (Pasz-WI)  
 5824.9t CHILE R Triunfal Evangelica 10/26 2250 rel mx, brief anmts,  
 SP tlk, organ, hoping for closedown w/ID but WEWN s/on wiped  
 out everything (Berg-ME)

This month contributors from 15 states & 3 countries. Merry Christmas  
 to all. Next deadline December 20.

# International Band Loggings

Wallace C. Treibel  
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- 5910nf? GERMANY West Coast R Ireland relay via Deutsche Telecom Julich in EG 0100, maiden pgm, Irish mx, tlk of Irish aid workers & new Irish TV svc, req rpts, s/off 0200 w/NA, g (Berg MA 10/31)
- 5920 CROATIA Hrvatski R in CR 0625, pop & disco mx, interviews, pips 0700, ID (Serra ITALY 10/5)
- 5930 SLOVAKIA RSI in EG 0100, ID, sked, tlk on tourism, nx (McGuire MD 11/12, Fedor NV 10/31)
- 5940 RUSSIA V of Vietnam relay Armavir in EG 0205, sked, lcl nx, ID, native mx (McGuire MD 11/4)
- 59501 QUYANA V of Guyana in EG 0800, relig mx, Hindi vcls, TC's, ID, low mod (Alexander PA 11/3)
- 5955 UZBEKISTAN R Tashkent in EG 0105, tlk re ad opportunities at stn, //5040 (Johnson CO 10/27)
- 5975 UZBEKISTAN R Tashkent in EG 1200-1227\*, nx, cmntry, folk mx, ID, mail (Alexander PA 10/12)
- 5985 CONGO RTV Congolaise in FR 2100-2131\*, tlk, Afro pops, ID's, drums, NA (Alexander 10/11)
- 59859 MYANMAR R Myanmar in lang 1050, native singing, Asian mx, ID? w/mention of Myanmar, nx on the hr, back to mx 1112, f/o 1120 (Hill/PP 10/26, Krepp ME-DXpedition 10/26)
- 5990 COSTA RICA RE Espana relay in SP 0210, ID, Latin Amer & Spanish nx (McGuire MD 10/30)
- 5985nf? CROATIA CR in EG \*0300-0305\*, nx on short EG pgm, off after quick ID (Nikolich IL 11/5)
- 6010nf ITALY RAI Roma in EG 0050, nx, cmntry, ID, ex-6005, //9675, 11800 (Alexander PA 11/3)
- 6010 MEXICO R Mil in SP 0655, canned ID's, mostly continuous mx (Alexander PA, Ziolkowski 10/26)
- 60121 ITALY Tele R Stereo Roma in IT 0720, mx pgm, phone #, ID, lcl ads (Serra ITALY 10/5)
- 6025 HUNGARY Kossuth R in HG 0742, comic radio play, ad, ID, pips, nx (Serra ITALY 10/5)
- 6030 CANADA CFVP Calgary in EG 1346, MW relay/ID, big band mx, wx, PSA (Pitts MN 10/7)
- 6050 ECUADOR HCBJ Quito in SP 1130, L Am & world nx, call-ins (Weissborn TX 10/8)
- 6070 CANADA CFRX Toronto in EG 1805, NBA basketball game, ads, ID., QTH (Moats OH 10/13)
- 6085 GERMANY Deut Welle Nauen in EG 0105, ID, Pgm sked, rpt on E Timor (McGuire MD 11/3)
- 60898 CAMBODIA Nat R Phnom-Penh(p) in lang 1459\*, native mx, YL ancr, ID?, p (Flynn OR 10/22)
- 6090 CHILE R Esperanza Temuco in SP 0846, relig mx, tlk, ID, fqys, f (Flynn OR 10/4)
- 6090 JAPAN R Japan Tokyo in EG 1447, drama, covers Cambodia - now only a heter (Flynn OR 10/30)
- 6105 COSTA RICA R Universidad in SP 0438-0605\*, ballads, anmts, mx of Spain, ID, phone numbers, fqys 870 MW, 6105 SW, and FM (Berg PP DXpedition, Chamberlain ME)
- 6115 BOTSWANA VOA relay in EG 0304, "Daybreak Africa", nx, pgm preview, f-p (Moats OH 10/23)
- 6120 CANADA R Japan relay in EG 1145, "Weekly Column", food vend'g machines (Fraser MA 10/14)
- 6130 CANADA CHNX Halifax in EG 1215, oldies rx, all-request weekend (Pasquale PA 11/2, EB7-MO)
- 6135 ASCENSION IS R Japan relay in SH 0400\*, tlk, mx, pips, exc over Switz (Paszkievicz W1 10/12)
- 61412 PERU R Concordia in SP 1037, tlks, OA vcls, R Korea s/on 1100 clobbers (D'Angelo PA 10/11)
- 6160 CANADA CKZU Vancouver in EG 1402, CBC nx, TC, lcl wx, hockey game, g (Pitts MN 10/7)
- 61944 BOLIVIA R Metropolitana in SP 0031, religious talk to 0036, ID (Johnson CO 10/29)
- 6200 SWEDEN R Sweden in EG 0230-0300, nx, cmntry, ex-6090 (Alexander PA 11/3)
- 62037 PERU R Cusco in SP 2310, soap opera, ID, chatter (D'Angelo PA 11/8, Flynn OR 10/31)
- 6205 SOUTH AFRICA R Kudirat Nigerian relay in EG/langs 1905-2010\*, pgms from the Nigerian resistance movement, TC, ID, fqys, Afro pops, nx, pgm sked (Serra ITALY, Krepp ME-DXpedition)
- 6210nf IRAN VOIRI in lang?, test tone 0252\*, VOIRI IS 0258, pgm in unid lang, NA\*(Alexander 10/5)
- 6230 MONACO TWR Monte Carlo in GM 0828, ID, tlk, TC, fqys, //7160 (Berg, Chamberlain PP DX)
- 6270nf? ALBANIA R Tirana in FR 1920, hrd here w/strong signal, //7270, into EG 1930 (Berg MA 11/2)
- 67256 PERU R Satellite in SP 0328\*, romantic LA songs, DJ, TC, ID, NA (Serra ITALY 10/26)
- 6840 CHINA CPBS Hohhot in CHEG 1440, EG lesson, ID, "The Music World", into CH (Flynn OR)
- 7110 ETHIOPIA R Ethiopia in Amharic 0328, electronic IS, ID, anmts, 3 tones, nx, mx (D'Angelo 11/7)
- 7115 BOSNIA R Yugoslavia relay in EG 0110, Italy to set up Belgrade econ devel office (Pasquale PA)
- 7120 MADAGASCAR R Nederlands relay in EG 1950, documentary, //7205, g (Fraser MA 10/16)
- 7130 BOSNIA R Yugoslavia relay in EG \*0200-0230\*, fqys, nx re recent elections & econ reform, feature on current affairs (Nikolich IL 11/5, Paszkievicz W1 10/28)
- 7150 UKRAINE RUI Lvov in EG 0020, national & regional nx, ID (McGuire MD, Pasquale PA 10/29)
- 7165 CROATIA Croatian R in EG 2305, nx re Bosnia & Croatia, ID (Paszkievicz W1 10/9)
- 7175nf? ITALY Radiodue Sicily in IT 0500, 5+1 pips, "Radiodue" ID, mx pgm, f-p (D'Angelo PA 11/8)
- 7200 SUDAN Rep of Sudan R in AR \*0254, IS, NA, AR mx, VOA clobbers \*0300 (D'Angelo 11/7)
- 7210 QATAR(p) QBS in AR 0315, long segments of AR mx w/ possible nx 0330 (Fedor NV 10/31)  
ED: At 0315 this is only stn in AR on 7210 per PWBR. Canada relay in AR signs on at 0330.
- 7215 IVORY COAST R Cote d'Ivoire in FR 2340, hi-life mx, DJ, ID, NA, exc (Krepp ME DXped 10/26)
- 72246 ROMANIA RRI Bucharest in RM 2320, jazz mx, tlks, more jazz, //6105 (Alexander PA 10/18)
- 7280 BOTSWANA VOA relay in EG 0215, VP debate, //Sao Tome relay on 7290 (Newbury NE 10/10)
- 7465 ISRAEL Kol Israel in EG 2010, cmntry on the Burdett rpt to cut taxes, g (Fraser MA 10/14)
- 7520 ROMANIA R Moldova Int relay in EG \*2200-2224\*, IS, ID, nx, cmntry, p (Alexander PA 10/4)
- 7570 RUSSIA Radio ABC Denmark relay Kaliningrad in EG \*0800, ID's 0804 & 0807, jazz & vcls mx, another ID 0815 and QTH?, lively chatter, f/o after 0825 (Hill MA 10/13)

- 9200 SUDAN R Omdurman in EG 1811, tlk on econ conf, press review, ID, vcl (Vaghjee MAUR 10/23)
- 9200 SUDAN Rep of Sudan R in AR 2100, nx to 2105, AR mx 2105-2120, f w/o jam (Fedor NV 11/2)
- 9465 SLOVAKIA AWR in lang? 0015-0105+, relig pgm, EG ID 0056, IS (Alexander PA 10/6)
- 9525 INDONESIA VOI Jakarta in EG 2100\*, pgm re govt soc services, vcls, f (D'Angelo PA 11/7)
- 9548 BANGLADESH RB Dhaka in EG \*1226, IS 1228, ID, nx, p w/heavy QRM from Cuba on 9550 in Bengali 1935, local chants and instl mx, QRM and buzz, //7185 (Serra ITALY 10/1)
- 9575 MOROCCO R Medi Un in AR/FR 0756, pop song, ID, nx, ad w/jingles in AR & FR, wx rpt, cmnty re Israel-Palestine situation (Serra ITALY 10/6) in FR 0045, ME mx, ID, NA (Fedor NV 10/31)
- 9610 test GERMANY RVI Belgium relay in DT 2245-2300\*, ID, testing this fgy Oct 1-26, exc, //9925 weak  
 Heard also Oct 12 on 9610, 9925, 11690 same time frame (Alexander PA)
- 9630 INDONESIA RRI Jakarta in IN 2158-2358+, SCI IS, tlk, gamelin mx, //15150 (Alexander 10/19)
- 9640nf BOTSWANA R Botswana in EG/Vern 1915-2201, nx in EG, lcl Afr vcls, EG/Vern tlk, Euro/US pops, ID's 2101, choral NA at s/off, f, //4820 fade in 2030 (Alexander 10/24, Berg Dxpediton ME) also hrd in EG/Vern \*0252 w/barnyard IS at s/on and same pgming, //4820 (Alexander 10/20)
- 9645 BRAZIL R Bandeirantes in PT 2201, tlk, pips, ads, jingles, ment Sao Paulo (Serra ITALY 10/11)
- 9650 ANTIGUA D Welle relay in GM 0313-0351, "European Journal", exc (Scheer FL 11/6)
- 9650 CANADA R Korea relay in EG 1130, nx, cmnty on UN resolut'n, quiz anmt (Weissborn TX 10/31)
- 9651v URUGUAY Montevideo in SP 2052, mostly tlk and ads, ID 2058, orch, vcls, QRM (Berg Dxpediton)
- 9656nf? PAKISTAN R Pakistan in HD? 1259\*, lcl mx, ID & QTH 1228, nx, f (D'Angelo PA 11/9)
- 9670 ITALY RAI Roma in EG 1940, rpt on 45th Congress of Plastic Surgeons, g (Fraser MA 10/13)
- 9685 IRAN VOIRI Teheran in EG 0035, ID, Islamic chants, fgy, sked, pgm info, g (McGuire MD 10/29)
- 97098 LITHUANIA R Vilnius in EG 0850, tlk re elections, flute mx, ID, IS, 2 bells tolling (Serra ITALY)
- 9705 MEXICO RMI in SP/EG 0400, EG anmts, ID, req rpts, pgm re Mexico's history, into SP 0434, f-g (Alexander PA) ID and features 2355 (Pasquale PA) Dave Brubek mx 1545, all SP (Newbury NE)
- 9750nf ANGOLA VORGAN in PT 0455-0625+, tlk, ID's, hi-life mx, Afr pops, listed 9755 (Alexander PA)
- 9760 MOROCCO VOA relay in EG 1845, "People in America", ID, nx 1900, f (Moats OH 10/13)
- 9965 ARMENIA V of Armenia in GM 1828, relig pgm, QTH, EG ID (Hill MA 10/18) in EG 2030, nx re N Kharabach, f (Pasquale PA 10/21) in EG 2130, ID, nice folk melodies, exc (Robinson TN 11/1)
- 9990 LEBANON V of Hope in EG/Farsi? 1717, pop mx, ID in EG, tlk in Farsi 1730 (Serra ITALY 10/9)
- 110925usb ST HELENA RSH in EG 1900-2300, special one day pgm on 10/27, Tony Leo hosting call-ins, ID, QTH, feature on Napoleon, nx, contest anmt, T-shirt for \$25, mx, history of St Helena, interviews (D'Angelo PA, Vadino WA, Weissborn TX, Newbury NE, Flynn OR, Aden ID, Levison PA)
- 11734 TANZANIA VoT Zanzibar in SH 1750-1959\*, long tlk, ID on the hour, nx, lcl exotic vcls & drums, chants, NA at s/off (D'Angelo PA 11/7, Alexander PA 10/24, Flynn OR 10/15)
- 11785 INDONESIA RRI Jakarta in IN 1557, tlk, "SCI" 2 1/2 times, RRI ID, sig flutter (Hill MA 10/19)
- 11890 OMAN R Oman in AR 1050, fast tlk, AR chants, nx, cmnty, ID, vcls, //15375 (Serra ITAI Y 10/19)
- 11940 ROMANIA RRI in EG \*1300, ID, features on Romanian educ'n (Pasquale PA, Robinson TN 11/1)
- 11970 JORDAN R Jordan in EG 1500-1610, interviews & features, ID (Newbury NE, Pasquale PA 10/19)
- 11990 KUWAIT R Kuwait in EG 1825-2035, pop mx, ID, fgy, TP, nx (Moats OH 10/21, Levison PA)
- 12085 SYRIA R Damascus in EG 2015, pop AR mx, xmtr cut-outs & humming (Flynn OR 11/3)
- 13361L/nf? ARGENTINA R Rivadavia in SP 2250-2356, live soccer match, pips, ads, ID (D'Angelo PA 11/7)
- 13610 BELGIUM RVI in EG 1317, rpt on illegal growth hormones in cattle breeding (Fraser MA 10/16)
- 13685 BELGIUM RVI in EG 1410, cmnty on new tax causing increase in beer prices (Pasquale PA 11/2)
- 13800 NORWAY R Denmark relay in EG 1640, nx re Denmark, feature on Nobel winner (Flynn OR 10/6)
- 15110 MALI China R Int relay in EG 2032, classical mx, features, cooking show (Raymond NH 10/13)
- 15185 EQUATORIAL AFRICA R Africa in EG 1920, ID, QTH, relig tlk, gospel hour (Moats OH 10/14)
- 152051 ALGERIA R Algiers Int in EG 1600, new time for EG pgm, ID, nx, cmnty, US/Euro pop mx, jazz, into SP 1700, channel splatter, //151605, 17745 (Alexander PA 11/3)
- 152445nf ZAIRE LV du Zaire in FR 1736-1821\*, long tlks, band mx, vcls, ID, nx, f (D'Angelo PA 11/8)
- 15445 BRAZIL R Nac do Brasil in EG 1245, rpt on urban public trans in Sao Paulo (Fraser MA 10/16)
- 15476 ANTARCTICA R Nac Arcangel San Gabriel in SP 1900-2050\*, in the clear after Africa s/off 1900, old movie theme mx, occasional ID's, weak sig (D'Angelo PA 11/8, Hill MA 10/15)
- 17605 NETHERLAND ANTILLES R Ned relay in EG 1910, "Sounds Interesting", ID (Fraser MA 10/13)
- 21670 SAUDI ARABIA BSKSA in IN/AR 1006, vcls, ID, nx, march mx, relig tlk (Serra ITALY 10/5)

### CLANDESTINE STATIONS

- 6020v Voice of the Mojahed in Farsi 1900-2058\*, first noted 10/12 w/strong but erratic audio level, ID "Sado-ye Mojahed", sked at s/off, this outlet doesn't skip around to avoid jammers (Hill MA 10/16)
- 6240 TAJKISTAN R Free Asia in CH \*2300-2400\*, carrier tone 2255, trumpet fanfare 2259, EG ID, into CH pgming, jingle, no //s heard (Alexander PA 10/12, Berg MA 10/12, Krepp ME 10/26)
- 6854usb SOMALIA R Mogadishu V of the People in SOM/EG 1836-2035, tlk until EG ID 1957, marching band mx, nx in EG, back to Somali 2016, poor audio, ex-6969 (D'Angelo PA 11/7, Hill 10/26)
- 7190 IRAN V of the Palestinian Islamic Revolution in AR 1912, slow tlk, mx, canned anmts, AR choral revolution chant, //6025, 9665 (Serra ITALY 10/1)
- 95683 Voice of the Iraqi People in AR 1823, tlk, ID 1825, OM vocals, more tlk, f (D'Angelo PA 11/7)
- .....

There's just enough space left here to thank all the members who have contributed to this column during the past year and wish everyone the best holiday season ever. Let's hope for an outstanding year of DX'ing during 1997!

# English Schedules

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Prepared November 27.

**Ecuador:** HCJB has shuffled half-hours and retimed the release to wNAM listed in the accompanying schedules. Here's a rundown of the times for DX Partyline (DXPL) and Ham Radio Today (HRT). (Jim Frimmel)

Target	kHz	DXPL	HRT
eNAM	9745	Su 0110	Th 0130
wNam	9745	Su 0410	Th 0430
Eu	5860	Sa 0740	We 0800
Eu	11960	Sa 1910	We 1930
sPac	9445	Sa 0910	We 0930

**AWR Wavescan:** Dr Adrian Peterson sent us an updated schedule of this popular DX show.

UTC	kHz	Station	Target
Sa 2230	9955	WRMI	Am
Sa 2345	9955	WRMI	Am
Su 0400	9450	Slovakia	As
Su 0530	5905	Slovakia	ME
Su 1030	7455	KSDA	As
Su 1100	4 freq's	TIAWR	Am
Su 1200	9955	WRMI	Am
Su 1230	13720	KSDA	As
Su 1630	7400	KSDA	As
Su 2130	6055	Slovakia	Eu
Su 2300	4 freq's	TIAWR	Am
Su 2330	15610	KSDA	As
Mo 0030	9955	WRMI	Am
Mo 2245	9955	WRMI	Am

**World of Radio:** Glenn Hauser's WoR air times on WWCR have been shuffled due to the selling of all time on transmitter #4 to Brother Stair. WoR air times are subject to change if time is sold. For updates, if you have access to the Web, check either WWCR's Web site or GH's page maintained by Kevin Hecht. (Links are on our "Hot Links" page.)

In the following table, note that Sa 1500 and Sa 1800 may be temporary. With the move of Th to 9475, this should be well-

heard in the eastern half of North America. I also find the Sa 1230 is well received here.

UTC	kHz	UTC	kHz
Th 2130	9475	Su 1000	3210
Sa 1230	7435	Mo 0030	5070
Sa 1500	15685	Tu 1330	15685
Sa 1800	12160	We 1230	15685

There are no changes to air times on Radio for Peace International. I think the times have been unchanged for at least two years now. On RFPI, a 15-minute "Continent of Media" follows World of Radio on the second (usually) or third week of the month.

**Cumbre DX:** This show, produced by Marie Lamb, is an outgrowth of the e-mail-only newsletter now in its third year of distribution.

UTC	kHz	Target
WHRI		
Fr 2330	5745	Eu/Af
Sa 0600	5760, 7315	Eu/AF/Am
Sa 1400	6040	Eu/Af
Sa 1830	9495	Am
Sa 2330	9495	Am
Su 0430	5745	Eu/Af
Su 1730	13760	Eu/Af
KWHR		
Sa 0200	17510	As/Pac
Sa 0500	9930	As/Pac
Su 1830	13625	As/Pac
Mo 0330	17510	As/Pac

Our experience has shown that the Sa 1400 and Sa 1830 provide the best reception.

**Communications World:** Dr. Kim Andrew Elliott hosts a lively show aired on the VOA. Budget cuts wiped out a number of transmissions, including English to the Americas on the weekends. That meant the UT Su 0030 airing disappeared, but there some other broadcasts that can still be heard.



But there are a few frequencies that still provide reception. A timer makes it work for us.

UTC	Target	kHz
Sa 1030	sPac	5985, 11720, 15425
Sa 1230	eAs	6110, 9645, 9760, 11705, 11715, 15425
Sa 1730	Af	6035, 11920, 12040, 13600, 13710, 15445, 17895
Sa 1730	ME/nA/Eu	6040, 9760, 15205
Sa 1730	sAs	6110, 7125, 7215, 9645, 9760, 9795, 15205, 15395
Sa 2130	ME/nA/Eu	6070, 9760, 15205

tuning in the 1730 frequencies to Africa. 17895 is the best, 15445 runs a close second. At 2130, 9760 is readable but suffers adjacent and co-channel interference.

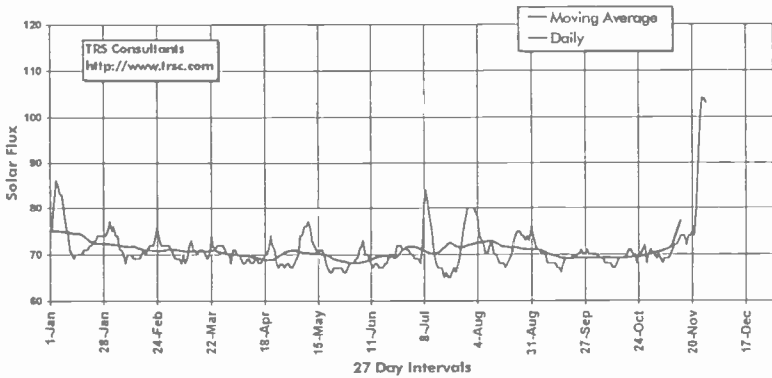
**Philippines:** Chris Hambly, Australia, tells us he hears Radio Pilipinas in English 0300-0330 on 15120. He was looking for Radio Nigeria who has been testing on 15120 from mid-November onwards.

**Solar conditions:** These last six days has seen the solar flux jump from 74 to a high of 104 on November 25 and 26. The last time the solar flux exceeded 100 was on March 3, 1994, when it hit 101.

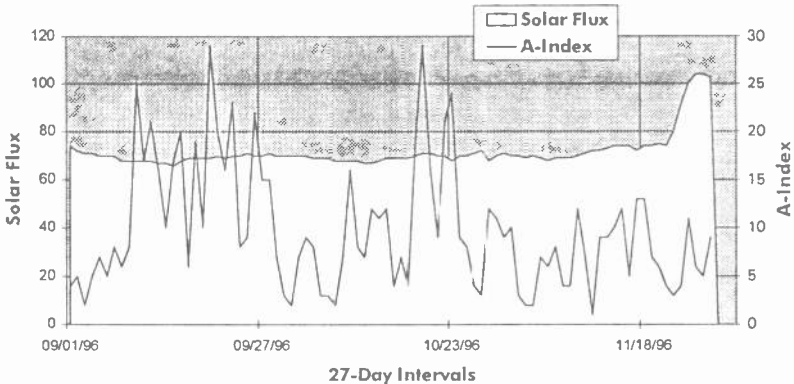
We enjoy the best reception of the show

**Seasons Greetings !**

**SOLAR FLUX: 27-DAY MOVING AVERAGE: 1996**



**SOLAR FLUX & A-INDEX: SEP-NOV '96**



<http://www.trsc.com>



## Schedules

UTC Start & End | Country—Station: Target | Frequencies and Notes

### 0000

0030 Australia—R Australia: As/Pac/Pap/NG  
17750 17715 15510 15415 13605

0100 Bulgaria—R Bulgaria: NAm  
9485 7375

2400 Canada—CFMX: Canada  
6005  
Notes: relay CFCF-600

2400 Canada—CFRX: Canada  
6070  
Notes: relay CFRB-1010

2400 Canada—CHNX: Canada  
6130  
Notes: relay CHNS-960

0029 Canada—R Canada Int'l: Carib/LAm/NA  
11940 9535 6040  
Notes: Su&Mo -0059

0055 China—China R Int'l: NAm  
11695 9710

1700 Costa Rica—R for Peace Int'l: LAm/N  
7385 6205U

0027 Czech—R Prague: NAm  
7345 5930

0400 Ecuador—HCJB: eNAM  
21455U 9745

0015 Ghana—Ghana BC Corp:  
4915 3366  
Notes: nx/English

0030 Mexico—R Mexico Int'l: Domestic  
9705 5985  
Notes: Mo-Fr | UN programming

0100 N Mariana Is—KHBI: Indonesia  
13840

0100 N Mariana Is—KHBI: China  
13840

0050 North Korea—R Pyongyang: Am  
15130 13760 11335

0200 Philippines—FEBC: seAs/India  
15450

0100 Russia—V of Russia: WS: NAm  
7180 7125 7105 5940

0100 Spain—R Exterior de Espana: NAm  
6055

0030 Thailand—R Thailand: As/AI  
11905 9680 9655

0200 United Kingdom—BBC: Americas  
11750 9915 9590 5975 5970

0030 United Kingdom—BBC: Asia/Pacific  
15360 15280 11945 7110 6195

0200 United Kingdom—BBC: sAsia  
11955 9410 5965

1600 USA—KTBN: eNAM  
7510

1600 USA—KVOH: NAm/Carib  
9975  
Notes: alt 5085 | Inc Spanish pgms

0100 USA—VOA: LAm  
13740 9775 7405 5995  
Notes: Tu-Sa

0100 USA—VOA: Carib/bean  
11695 9455 6130  
Notes: Tu-Sa

0100 USA—VOA: eAs/seAs/Pac  
17820 17735 15290 15185 11760  
9890 7215

0800 USA—WEWN: NAm  
7425 6890

1000 USA—WEWN: Eu  
5825

1000 USA—WHRI: SAm  
7315

### 0000

2400 USA—WJCR: As/Eu  
13595 7490

0200 USA—WRMI: CAm/Carib  
9955  
Notes: Mo

0100 USA—WSHB: CAm/SAm  
9430

0100 USA—WSHB: eNAM/Carib  
7535 7535

1300 USA—WWCR: Eu/ME/nAI  
5935  
Notes: tx #2

1100 USA—WWCR: Eu/ME/nAI  
2390  
Notes: tx #4

0100 USA—WYFR: NAm  
6085

### 0001

0010 Croatia—Croatian Radio: Eu  
7165 5895  
Notes: News

### 0030

0100 Australia—R Australia: As/Pac/Pap/NG  
17860 17795 15415 15365 13755  
13605

0055 Belgium—R Viaanderen Int'l: SAm/NA  
9925 5900

0127 Iran—V of Islamic Rep of Iran: NAm  
9685 9022 6050

0100 Lithuania—R Vilnius: NAm  
6120

0125 Netherlands—R Netherlands: eNAM  
6165 6020

0125 Netherlands—R Netherlands: sAs  
7305 5905

0430 Sri Lanka—SLBC: As  
9730

0100 Sweden—R Sweden: LAm  
6065

0100 Thailand—R Thailand: eNAM/As  
11905 9655

0100 United Kingdom—BBC: Asia/Pacific  
15360 6195

### 0038

0053 Denmark—R Denmark: eNAM/CAm/seAs/Au  
7465 7275 5905  
Notes: Mo following 1st & 3rd Su/mo

### 0050

0110 Italy—RAI: NAm  
11800 9675 6005

### 0100

0400 Australia—R Australia: As/Pac/Pap/NG  
17795 15415 15365 15240 13755  
13605

0400 Australia—R Australia: As/Pac/Pap/NG  
17880 17750 17715 15510 12080  
9660

0200 Cuba—R Havana: eNAM  
9830U 6000

0127 Czech—R Prague: NAm  
7345 6200

0150 Germany—R Deutsche Welle: NAm  
9670 6145 6085 6040 5960

0200 Indonesia—V of Indonesia: As/Am  
9525

### 0100

0200 Ireland—West Coast Radio: NAm  
5910  
Notes: Th

0200 Japan—R Japan: GOS:As  
17810 15590 15475 13650 11860  
11840

0200 Japan—R Japan: GOS:NAm  
13630 11790

0200 Russia—V of Russia: WS: NAm  
9550 7180 7125 7105

0127 Slovakia—R Slovakia Int'l: SAm/NA  
9440 7300 5930

0200 Spain—R Exterior de Espana: NAm  
6055

0130 Switzerland—Swiss R Int'l: NAm/CAm  
9905 9885 6135

0200 Ukraine—R Ukraine Int'l: NAm  
7160 7150 5915

0200 United Kingdom—BBC: Asia/Pacific  
15360 15280 6195

1300 USA—KAIJ: eCanada/Carib  
9815

0200 USA—VOA: LAm/Carib  
13740 9775 9455 7405 6130  
5995  
Notes: Tu-Sa

0300 USA—VOA: sAs  
21550 17740 15370 15250 11705  
9740 7215 7205 7115

0200 USA—WSHB: cNAM  
7535

0200 USA—WSHB: CAm/SAm  
9430

0500 USA—WYFR: NAm  
9505 6065  
Notes: #1&2 Network Tu-Su

0300 Vietnam—V of Vietnam: Eu/NAm  
5940  
Notes: Pgm rpld 4x

0130 Yugoslavia—R Yugoslavia: wEu/eNAM  
7115 6195  
Notes: Tu-Su

### 0101

0110 Croatia—Croatian Radio: Eu  
7165 5895  
Notes: News

### 0130

0200 Austria—ORF: NAm  
7325

0140 Greece—V of Greece: NAm  
9425 7450 6125  
Notes: Tu-Su

0225 Netherlands—R Netherlands: sAs  
11655 9880 7305 5905

0200 Sweden—R Sweden: As/Pac  
7290 7265  
Notes: either #1 or 2

0200 Sweden—R Sweden: LAm  
7290 7265  
Notes: either #1 or 2

### 0138

0153 Denmark—R Denmark: NAm/CAm  
7520 7465  
Notes: Mo following 1st & 3rd Su/mo

## Schedules

UTC Start & End | Country—Station: Target | Frequencies and Notes

- 0140**  
0200 Vatican State—Vatican Radio: As/Aus  
9650 7335
- 0145**  
0200 Albania—R Tirana: NAm  
7160 6120
- 0200**  
0300 Argentina—RAE: Americas  
11710  
Notes: Tu-Sa  
0259 Canada—R Canada Int'l: Carib/USA  
11725 9755 9535 6155  
0400 Cuba—R Havana: cNAme/NAme  
9830U 9820 6000  
0330 Egypt—R Cairo: NAm  
9475  
0250 Germany—R Deutsche Welle: sAs  
9815 9615 9515 7355 7285  
7265 6035  
0230 Hungary—R Budapest: NAm  
9840 5905  
0300 Malta—V of Malta: Aus  
17500 15550  
Notes: Su only  
0230 Norway—R Norway Int'l: NAm/CAme  
7520 7465 7440  
Notes: Mo only  
0256 Romania—R Romania Int'l: NAm  
11940 9625 9570 9510 6155  
5990  
0300 Russia—V of Russia: WS: NAm  
13665 12030 9580 9550 7345  
7105 5930 5920  
Notes: #8 exc Su  
0230 Slovakia—AWR Europe: India  
9450  
0300 South Korea—R Korea: Am  
15575 11810 11725  
0300 Taiwan—V of Free China: As/Aus/Am  
15345 11825 11740 9680 7130  
5950  
0300 United Kingdom—BBC: Africa  
6135  
0230 United Kingdom—BBC: Americas  
9915 9590 5975 5970  
0300 United Kingdom—BBC: Asia/Pacific  
15360 15280  
0300 United Kingdom—BBC: sAsia  
11955 9605 9410  
0300 USA—WSHB: w&cNAme  
5850  
0300 USA—WSHB: Mexico  
7535  
0230 Yugoslavia—R Yugoslavia wEu/wNAme  
7130 6195
- 0201**  
0210 Croatia—Croatian Radio: Eu  
7165 5895  
Notes: News
- 0215**  
0225 Nepal—R Nepal: Domestic  
7165 5005 3230  
Notes: News
- 0230**  
0300 Albania—R Tirana: NAm  
7160 6140
- 0230**  
0300 Austria—ORF: LAm/NAme  
9870 7325  
0325 Netherlands—R Netherlands: sAs  
11655 9860  
0245 Pakistan—R Pakistan: As  
21730 17725 17705 15485 7290  
Notes: Slow-speed news  
0330 Philippines—R Philippines: ME  
15270 15120 11805  
Notes: also Tagalog  
0300 Sweden—R Sweden: NAm  
6200  
0330 United Kingdom—BBC: Americas  
9895 9590 7325 5975 5970
- 0238**  
0253 Denmark—R Denmark: NAm/CAme/sAs  
7520 7465 7125  
Notes: Mo following 1st & 3rd Su/mo
- 0250**  
0315 Vatican State—Vatican Radio: NAm  
7305 6095
- 0300**  
0329 Canada—R Canada Int'l: Carib/LAm  
9755 6155  
Notes: Su&Mo -0359  
0355 China—China R Int'l: NAm  
11695 9710 9690  
0400 Costa Rica—Lighthouse of Caribbean:  
5055  
0327 Czech—R Prague: NAm  
7345 5930  
0350 Germany—R Deutsche Welle: NAm  
9650 9535 6085 6045  
0425 Guatemala—TGNC:  
3300  
0400 Honduras—HRPC: Am  
3250  
Notes: Su-Mo  
0500 Honduras—HRVC: Am  
4820  
Notes: Mo  
0400 Japan—R Japan: GOS:As  
17810 11840  
0400 Japan—R Japan: GOS:SAme/NAme  
15230 11790 5960  
0400 Russia—V of Russia: WS: NAm  
9580 9550 7345 7175 7105  
6150 5940 5930 5920  
Notes: #9 exc Su  
0330 Slovakia—AWR Europe: Af  
5905  
0355 South Africa—Channel Africa. e&cAf/  
5955 3220  
0400 Taiwan—V of Free China: As/Aus/Am  
15345 11825 11745 9680 7130  
5950  
0330 Thailand—R Thailand: As/wNAme  
11905 11890 9655  
0330 United Kingdom—BBC: Africa  
17640 12095 9600 6190 6135  
6005 3255  
Notes: #1&2 -0500 (Eu str pgm)  
0330 United Kingdom—BBC: Asia/Pacific  
15360 11955  
0400 United Kingdom—BBC: Europe  
11760 9410 6195 3955
- 0300**  
0430 United Kingdom—BBC: sAsia  
15310 9605  
0330 USA—VOA: Africa  
9885 9575 7415 7340 7290  
7105 6080 6035 4750  
0400 USA—WSHB: wNAme  
5850  
0400 USA—WSHB: eAf  
7535  
2200 Zimbabwe—Radio 3: Domestic  
4828 3396  
Notes: only 1 active-check both
- 0301**  
0310 Croatia—Croatian Radio: Eu  
7165 5895  
Notes: News
- 0310**  
0340 Vatican State—Vatican Radio: Af  
7360
- 0330**  
0357 Czech—R Prague: ME/sAs  
9480  
0400 Hungary—R Budapest: NAm  
9840 6195  
0355 Moldova—R Moldova Int'l: NAm  
7520  
Notes: Tu-Sa  
0400 Philippines—R Philippines: As/Am  
17730 15330 13770  
Notes: also Tagalog  
0400 Portugal—R Portugal: SAme/NAme  
9570 6150  
Notes: Tu-Sa  
0400 Sweden—R Sweden: NAm  
7115  
0430 Tanzania—R Tanzania: eAf  
5050  
Notes: External Svc  
0400 United Kingdom—BBC: Africa  
11730 9610 9600 6190 6005  
3255  
0430 United Kingdom—BBC: Americas  
9590 6175 5975  
0500 United Kingdom—BBC: Asia/Pacific  
15280 11955  
0400 USA—VOA: Africa  
9885 9575 7415 7340 7290  
7105 6080 6035
- 0338**  
0353 Denmark—R Denmark: wNAme/sAs/eME  
7520 7235 7165  
Notes: Mo following 1st & 3rd Su/mo
- 0340**  
0350 Greece—V of Greece: NAm  
9425 7450 7165  
Notes: Tu-Su
- 0400**  
0430 Australia—R Australia: As/Pac/Pap/NG  
17880 17795 17750 15415 15365  
15240 13605 12080 11880 9660  
0429 Canada—R Canada Int'l: ME  
9645 9505 6150

## Schedules

UTC Start & End | Country—Station: Target | Frequencies and Notes

### 0400

- 0455 China—China R Int'l: NAm  
9730
- 0500 Cuba—R Havana: cNAmeNAm  
9830U 9820 6180 6000
- 0700 Ecuador—HCJB: wNAm  
21455U 9745
- 0450 Germany—R Deutsche Welle: AI/ME  
9565 7265 7225 6065 6015
- 0430 Mexico—R Mexico Intl: Domestic  
9705 5985  
Notes: Mo-Fr
- 0450 North Korea—R Pyongyang: seAs  
17765 15230 15180
- 0430 Norway—R Norway Int'l: wNAm  
7520  
Notes: Su only
- 0456 Romania—R Romania Int'l: NAm  
11940 9625 9570 9510 6155 5990
- 0500 Russia—V of Russia: WS: NAm  
9580 7345 7175 6150 5930 5920  
Notes: #6 exc Su
- 0430 Slovakia—AWR Europe: AI/As  
9645 9450
- 0455 South Africa—Channel Africa: e&cAI/  
9585 5955
- 0430 Switzerland—Swiss R Int'l: NAm  
9905 9885 6135  
Notes: #1-05
- 0450 Turkey—V of Turkey: As/AI/Aus/NAm/VE  
17705 7300
- 0500 Ukraine—R Ukraine Int'l: NAm  
7150 5915
- 0430 United Kingdom—BBC: Africa  
11730 9610 9600 7160 6190 6005 3255
- 0500 United Kingdom—BBC: Europe  
15575 11760 9410 6195 6180 3955
- 0800 USA—KWHR: As  
17780
- 0430 USA—VOA: Africa  
9775 9575 7415 7340 7145 6080 6035
- 0500 USA—VOA: Eu/NAf  
7170
- 1000 USA—WHRI: Eu  
5760
- 0900 USA—WMLK: Eu  
9465  
Notes: Mo-Sa
- 0700 USA—WRNC: NAm/CAm  
7395
- 0500 USA—WSHB: eEu/Russia  
7535
- 0500 USA—WSHB: c&sAI  
9840
- 0500 USA—WYFR: Eu/AI  
9985
- 0700 Zambia—Christian Voice: regional  
3330

### 0401

- 0410 Croatia—Croatian Radio: Eu  
7165 5895  
Notes: News

### 0425

- 0440 Italy—RAI: Mediterranean  
7275 5975

### 0430

- 0500 Finland—R Finland: Eu/ME/AI  
15440U
- 0455 Moldova—R Moldova Int'l: NAm  
7520  
Notes: Tu-Sa
- 0525 Netherlands—R Netherlands: wNAm  
6165 5995
- 0500 Swaziland—Trans World Radio: sAI  
6100 4775 3200
- 0500 United Kingdom—BBC: Africa  
15420 9600 7160 6190 6005 3255
- 0800 United Kingdom—BBC: Americas  
6175 5975
- 0600 United Kingdom—BBC: sAsia  
15310
- 0500 USA—VOA: Africa  
9775 9575 7415 7145 6080 6035

### 0438

- 0453 Denmark—R Denmark: wNAm/wME/neEu  
7520 7305 5965  
Notes: Mo following 1st & 3rd Su/mo

### 0459

- 0815 New Zealand—R New Zealand Int'l: Pa  
11905  
Notes: Sa&Su -0758

### 0500

- 0600 Australia—R Australia: As/Pac/PapNG  
17880 17795 15415 15365 15240 13605 12080 11880 9660
- 0600 Bulgaria—R Bulgaria: NAm  
9485 7375
- 0555 China—China R Int'l: NAm  
9560
- 0700 Cuba—R Havana: wNAm  
9830U 9820
- 0550 Germany—R Deutsche Welle: NAm  
9650 6185 6145 6020
- 0515 Israel—Kol Israel: As/Aus/wEu/NAm  
17545 9435 7465
- 0600 Japan—R Japan: GOS:As  
17810 11910 11740
- 0600 Japan—R Japan: GOS:NAm  
6110
- 0600 Japan—R Japan: GOS:Oc  
11920
- 0600 Japan—R Japan: GOS:Eu  
6150
- 0530 Japan—R Japan: Reg Svc: NAm/Hawaii  
12000 11895 9835
- 1800 Liberia—Liberia Commun Network: Reg  
6110
- 0530 Mexico—R Mexico Intl: Domestic  
9705 5985  
Notes: Mo-Fr
- 0800 Russia—V of Russia: WS: NAm  
7330 7175 6150 5930 5920 5905  
Notes: #5 exc Su
- 0600 Slovakia—AWR Europe: Eu  
5905

### 0500

- 0555 South Africa—Channel Africa: wAI/sA  
11900 5955
- 0556 Spain—R Exterior de Espana: NAm  
6055
- 0600 Swaziland—Trans World Radio: sAI  
9500 6070 4775 3200
- 0600 United Kingdom—BBC: Africa  
17885 15420 9600 7160 6190 6005 3255
- 0600 United Kingdom—BBC: Asia/Pacific  
21660 15360 11955 9740
- 0600 United Kingdom—BBC: Europe  
15575 12095 11760 9410 6195 6180 3955
- 0600 USA—VOA: Africa  
12080 9775 7295 6080 6035 5970
- 0600 USA—VOA: Eu/NAf  
9700 7170
- 0600 USA—VOA: ME  
15205 11825
- 0600 USA—WSHB: cEu  
7535
- 1100 USA—WWCR: Eu/ME/NAf  
3210  
Notes: tx #1 | Mo-Fr 0505-
- 0700 USA—WYFR: NAm  
5985
- 0600 USA—WYFR: Eu/AI  
11580 9885
- 0530 Vatican State—Vatican Radio: AI  
11625 9660 7360
- 0530
- 0600 Austria—ORF: ME/Eu/NAm  
17870 15410 6155 6015
- 0556 Romania—R Romania Int'l: AI/Japan  
17790 17745 15340 15270 11940
- 0600 Thailand—R Thailand: AI/As  
15115 11905 9655
- 0538
- 0553 Denmark—R Denmark: eAI/eEu/neEu  
7520 7305 5965  
Notes: Mo following 1st & 3rd Su/mo
- 0555
- 0825 Malaysia—V of Malaysia: Aus/NZ/Indo  
15295 9750 6175
- 0600
- 0700 Australia—R Australia: As/Pac/PapNG  
17795 15415 15365 15240 13605 11880
- 0700 Australia—R Australia: As/Pac/PapNG  
17880 17750 15530 12080 9660
- 0629 Canada—R Canada Int'l: AI/ME/Eu  
11905 9760 9740 6150 6050  
Notes: Mo-Fr
- 0650 Germany—R Deutsche Welle: wAI  
21705 17820 13790 11765 9565 7225
- 0630 Italy—Italian Radio Relay Serv: Eu/  
3985  
Notes: Mo-Fr
- 0700 Japan—R Japan: GOS:As  
17810 11910
- 0650 North Korea—R Pyongyang: seAs  
15230 15180

## Schedules

UTC Start & End | Country—Station: Target | Frequencies and Notes

### 0600

0630 Norway—R Norway Int'l: ME/NZ/wEu  
9590 7180 5965  
Notes: Su only

0800 Russia—V of Russia: WS: Aus/NZ  
21790 17570 15470 12025

0800 Russia—V of Russia: WS: seAs  
15460 12035

0630 Slovakia—AWR Europe: c&wAf  
11655

0700 Swaziland—Trans World Radio: wAf/sA  
11730 9500 6700 4775 3200

0700 United Kingdom—BBC: Africa  
17885 15420 11940 9600 7160  
6190 6005

0800 United Kingdom—BBC: Asia/Pacific  
21660 15360 11955 9740 7145

0730 United Kingdom—BBC: Europe  
15575 15565 12095 11780 11760  
9410 7325 6195 6180 3955

0800 United Kingdom—BBC: sAsia  
17790 15310

0630 USA—VOA: Africa  
15600 12080 11950 7285 6080  
6035 5970  
Notes: Sa&Su -0700

0700 USA—VOA: EufnAf  
11805 7170 5995

0700 USA—VOA: ME  
15205 11825 9760

0800 USA—WSHB: wEu  
7535

0800 USA—WYFR: wEu/Af  
13695 9985 7355

0620 Vatican State—Vatican Radio: Eu  
7250 5880 4005  
Notes: European 1st pgm

### 0615

0630 Switzerland—Swiss R Int'l Eu  
6165 5840

### 0630

0700 Austria—ORF: NAm  
6015

0830 Italy—Italian Radio Relay Serv: Eu/  
3985

0700 Vatican State—Vatican Radio: Af  
13765 11625 9660

### 0631

0640 Romania—R Romania Int'l Eu  
.....

### 0638

0653 Denmark—R Denmark: Af/Eu/NZ  
11735 9590 7180 5965  
Notes: Mo following 1st & 3rd Su/mo

### 0645

0700 Finland—R Finland: Eu/Af  
11755 9560 6120

0745 Romania—R Romania Int'l: Pac  
17720 15270 15250 11840 11740  
Notes: Su -0715

### 0700

0730 Australia—R Australia: As/Pac/PapNG  
17795 15415 13605 11880 6080  
6020

### 0700

0800 Australia—R Australia: As/Pac/PapNG  
17880 17750 17715 15530 12080  
5995

0727 Czech—R Prague: Eu  
7345 5930

0900 Ecuador—HCJB: Eu  
21455U 5860

1100 Ecuador—HCJB: sPac  
21455U 9445

0800 Japan—R Japan: GOS:As  
17810 15590 11910 11740

0800 Japan—R Japan: GOS:Oc  
11920 11850

0800 Japan—R Japan: GOS:Eu  
7230

0800 Japan—R Japan: GOS:ME  
15165

0800 Japan—R Japan: GOS:cAf  
17815

0750 North Korea—R Pyongyang: seAs  
17765 15340

0710 Sierra Leone—SLBS:  
3316  
Notes: News

0805 Swaziland—Trans World Radio: sAf  
9650 9500 6100

0800 Taiwan—V of Free China: NAm  
5950

0730 United Kingdom—BBC: Africa  
21660 17885 17830 11940 9600  
6190

0730 United Kingdom—BBC: Europe  
17640 15485

1500 Zambia—Christian Voice: Domestic  
6065

### 0703

0710 Croatia—Croatian Radio: NAm/Eu  
9830 7165 5895  
Notes: Mo-Fr | News

### 0715

0730 Switzerland—Swiss R Int'l Eu  
6165 5840

### 0730

0800 Australia—R Australia: As/Pac/PapNG  
15415 9860 9710 9580 6080  
6020

0755 Belgium—R Vlaanderen Int'l: Aus/Eu  
9940 9925 5985

0825 Netherlands—R Netherlands: Pacific  
11895 9830

1130 Palau—KHBN: sAs  
9965 9730  
Notes: Sa&Su

0800 United Kingdom—BBC: Africa  
21660 17885 17830 15400 11940  
9600 6190

0830 United Kingdom—BBC: Europe  
17640 15575 15565 15485 12095  
11760 9410 7325 6195 3955

### 0738

0753 Denmark—R Denmark: wAf/Eu/NZ  
11720 9590 7180  
Notes: Mo following 1st & 3rd Su/mo

### 0740

0750 Greece—V of Greece: Aus/Eu  
15175 7450 7425

0915 Guam—KTWR: FE  
15200

### 0745

0920 Monaco—Trans World Radio: UK  
7115

### 0800

0830 Australia—R Australia: As/Pac/PapNG  
15415 9860 9710 9580 6080  
6020

0830 Australia—R Australia: As/Pac/PapNG  
21725 17880 17715 13605 12080  
5995

0830 Finland—R Finland: As/Aus  
17820U 15115

0900 Indonesia—V of Indonesia: As/Aus  
9525

0900 N Manana Is—KHBI: eEu  
15665

0850 North Korea—R Pyongyang: seAs  
15230 15180

0850 Pakistan—R Pakistan: wEu  
17895 15470

0900 Russia—V of Russia: WS: Aus/NZ  
12025 9875

0900 Russia—V of Russia: WS: seAs  
15460 12035 7220

0810 Sierra Leone—SLBS:  
3316  
Notes: News

0900 South Korea—R Korea: Eu/Aus  
13670 9570

1130 United Kingdom—BBC: Africa  
21660 17885 17830 15400 6190  
Notes: #3&4 only Sa&Su 10-11

0900 United Kingdom—BBC: Asia/Pacific  
21660 11955 9740

0900 United Kingdom—BBC: sAsia  
15310

0900 USA—KNLS: eCIS/China  
9615

1600 USA—KWHR: As  
9930

1300 USA—WEWN: NAm  
7425

1000 USA—WSHB: Eu  
7535

0900 USA—WSHB: Aus/NZ  
11550

### 0803

0810 Croatia—Croatian Radio: NAm/Eu  
9830 7165 5895  
Notes: Sa-Su | News

### 0805

0820 Swaziland—Trans World Radio: sAf  
9650 9500 6100  
Notes: Mo-Fr

### 0816

1206 New Zealand—R New Zealand Int'l: Pa  
9700  
Notes: Sa&Su 0758-

## Schedules

UTC Start & End | Country—Station: Target | Frequencies and Notes

### 0830

- 0900 Australia—R Australia: As/Pac/Pap/NG  
21725 13605 12080 9860 9710  
9560 6080 6020 5995
- 0900 Austria—ORF: As/Aus/Eu  
17870 15240 13730 6155
- 1430 Italy—Italian Radio Relay Serv: Eu/  
7125
- 0925 Netherlands—R Netherlands: Pacific  
13700 9830 5965
- 0857 Slovakia—R Slovakia Int'l: Aus  
21705 17485 11990
- 0900 United Kingdom—BBC: Europe  
17640 15575 15565 15485 12095  
11760 9410 7325 6195

### 0838

- 0853 Denmark—R Denmark: seAs/FE  
13800 9580  
Notes: 1st & 3rd Su/mo

### 0855

- 1000 Guam—KTWR: sPac  
11830

### 0900

- 1100 Australia—R Australia: As/Pac/Pap/NG  
21725 13605 9860 9580
- 0955 China—China R Int'l: sPac  
15440 11755
- 0930 Czech—R Prague: wAll/sAs  
17485 15640
- 0950 Germany—R Deutsche Welle: Af  
21600 17800 15410 15145 9565
- 0950 Germany—R Deutsche Welle: As/Pac  
17620 12055 11715 7380 6160
- 1000 Japan—R Japan: GOS:As  
11815 7125
- 1000 Japan—R Japan: GOS:Oc  
11850
- 1000 N Mariana Is—KHBI: Japan/Kor/CIS  
9430
- 1000 N Mariana Is—KHBI: Aus  
13840
- 0930 Norway—R Norway Int'l: Aus  
13800  
Notes: Su only
- 1100 Russia—V of Russia: WS: Aus/NZ  
17860 9875 9835 9675
- 1000 Russia—V of Russia: WS: seAs  
17860 7220
- 0930 Switzerland—Swiss R Int'l: Pac  
13685 12075 9885
- 1000 United Kingdom—BBC: Americas  
15190
- 1000 United Kingdom—BBC: Asia/Pacific  
21660 9740
- 1000 United Kingdom—BBC: Europe  
17705 17640 15575 15565 15485  
12095 9410
- 1000 United Kingdom—BBC: sAsia  
11750
- 1000 USA—WSHB: Brazil/SAm  
7395
- 1100 USA—WVHA: Af  
13825  
Notes: Sa

### 0903

- 0910 Croatia—Croatian Radio: Eu  
9830 7165 5895  
Notes: Mo-Fr | News

### 0930

- 1000 Kazakhstan—R Almaty: Eu  
11705 7205  
Notes: Mo-Fr
- 1025 Netherlands—R Netherlands: Pacific  
9830 9610 7260 5965
- 1100 Philippines—FEBC: China/sAsAs  
11635

### 0938

- 0953 Denmark—R Denmark: wME/seAs/Aus  
15220 13800  
Notes: 1st & 3rd Su/mo

### 1000

- 1025 Belgium—R Vlaanderen Int'l: Eu  
6035  
Notes: Mo-Sa
- 1055 China—China R Int'l: sPac  
11755 6590
- 1030 Guam—KSDA: As  
7455
- 1100 Guam—KTWR: neAs  
9870
- 1100 India—AIR: GOS/neAs/Aus/NZ  
17890 17387 15050 13700 11585
- 1100 N Mariana Is—KHBI: Indon  
13840
- 1100 N Mariana Is—KHBI: China  
9430
- 1100 Russia—V of Russia: WS: seAs  
17860 17755 15560 15490 15460  
13785 11655 7220
- 1100 United Kingdom—BBC: Americas  
15190 6195  
Notes: #1 Sa&Su
- 1100 United Kingdom—BBC: Asia/Pacific  
15360 9740 6195
- 1400 United Kingdom—BBC: Europe  
17705 17640 15575 15565 15485  
12095 11760 9410
- 1130 United Kingdom—BBC: sAsia  
17790 15310 11750
- 1100 USA—VOA: Caribbean  
9590 7405 6165
- 1100 USA—VOA: eAs/seAs/Pac  
15425 11720 5985  
Notes: primarily to Pacific region
- 1800 USA—WEWN: Eu  
15665
- 1300 USA—WHRI: SAm  
9495
- 1500 USA—WHRI: Eu  
6040
- 1300 USA—WSHB: eNA/Carib  
6095 6095
- 1100 USA—WSHB: SAm  
7395
- 1100 USA—WYFR: NAm  
5950  
Notes: Network Mo-Sa
- 1025 Vietnam—V of Vietnam: As  
15009 12020 9840  
Notes: #2 alt

### 1030

- 1100 Austria—ORF: As/Aus/Eu  
17870 15240 13730 6155  
Notes: Mo-Sa
- 1057 Czech—R Prague: Eu  
9505 7345
- 1100 Guam—KSDA: As  
9530
- 1100 Kazakhstan—R Almaty: As  
11840 9620  
Notes: Su
- 1125 Netherlands—R Netherlands: FE  
9610 7260
- 1130 Sri Lanka—SLBC: seAs/Aus  
17850 11835
- 1110 United Arab Emirates—R Dubai: Eu/nA  
21605 17630 15395 13675

### 1038

- 1053 Denmark—R Denmark: SAm/Eu/wAf  
17840 15220  
Notes: 1st & 3rd Su/mo

### 1100

- 1130 Australia—R Australia: As/Pac/Pap/NG  
11660 11640 9860 9770 9580
- 1200 Costa Rica—AWR Pan America: Am  
13750 9725 7375 6150 5030
- 1600 Ecuador—HCJB: NAm/SAm/Carib  
21455U 15115 12005
- 1150 Germany—R Deutsche Welle: wAf  
17800 17780 15410 15370
- 1200 Japan—R Japan: GOS:As  
11815 7125
- 1200 Japan—R Japan: GOS:NAm  
6120
- 1200 N Mariana Is—KHBI: Japan/Kor/CIS  
9355
- 1200 N Mariana Is—KHBI: Aus  
9430
- 1150 North Korea—R Pyongyang: Am  
11335 9975 6575
- 1115 Pakistan—R Pakistan: wEu  
17895 15470  
Notes: Slow-speed English
- 1200 Russia—V of Russia: WS: seAs  
17860 17755 15560 15490 15460  
15120 13785 11655 9705
- 1400 Singapore—R Singapore Int'l: Extern  
6015
- 1130 Switzerland—Swiss R Int'l: FE  
13635 12075 9885
- 1130 Switzerland—Swiss R Int'l: Eu  
9535 6165
- 1200 Taiwan—V of Asia: As  
7445
- 1130 United Kingdom—BBC: Americas  
17790 15190 11865 6195 5965  
Notes: #2 Sa&Su
- 1130 United Kingdom—BBC: Asia/Pacific  
11955 9740 9700 9580 6195  
6095
- 1200 USA—VOA: eAs/seAs/Pac  
15425 11720 11705 9760 9645  
6110 5985
- 2300 USA—WGTG: Canada/Mexico  
9400
- 1200 USA—WSHB: CAm/SAm  
7395

## Schedules

UTC Start & End | Country—Station: Target | Frequencies and Notes

### 1100

- 2200 USA—WWCR: Eu/ME/nAf  
15685  
Notes: tx #1
- 2200 USA—WWCR: Eu/ME/nAf  
9475  
Notes: tx #4
- 1200 USA—WYFR: NAm  
11830 5950  
Notes: #2 Network Mo-Sa

### 1130

- 1200 Australia—R Australia: As/Pac/PapNG  
11660 9860 9770 9580
- 1230 Bulgaria—R Bulgaria: Japan  
9440
- 1200 Finland—R Finland: NAm  
15400 11900
- 1227 Iran—V of Islamic Rep of Iran: ME/A  
15260 11930 11875
- 1325 Netherlands—R Netherlands: Eu  
7190 6045
- 1159 South Korea—R Korea: Am  
9650
- 1300 United Kingdom—BBC: Africa  
21660 17885 17830 6190
- 1300 United Kingdom—BBC: Americas  
15220 11865 6195 5965
- 1300 United Kingdom—BBC: Asia/Pacific  
11955 9740 9580 6195 6095
- 1400 United Kingdom—BBC: aAsia  
15310 11750

### 1138

- 1153 Denmark—R Denmark: SAm/Eu  
15270 7295  
Notes: 1st & 3rd Su/mo

### 1200

- 1300 Australia—R Australia: As/Pac/PapNG  
11660 9860 9770 9710 9580  
5995
- 1320 Brazil—R Nacional de Brasil: NAm/CA  
15445
- 1229 Canada—R Canada Int'l: As  
11730 6150
- 1255 China—China R Int'l: As/Pac  
11795 11660 9715 7385
- 1300 Costa Rica—AWR Pan America: Am  
13750 9725 6150 5030
- 1300 France—R France Int'l: Eu/Al/As/Pac  
17595 15530 15325 15195 15155  
13625 11615 11600 9805
- 1730 Jordan—R Jordan: wEu/NAm  
11690
- 1300 N Mariana Is—KHBI: seAs  
9355
- 1300 N Mariana Is—KHBI: Aus  
9430
- 1300 Russia—V of Russia: WS: seAs  
17860 17755 15120 13785 11880  
11655 9875 9820 9755 9725
- 1300 South Korea—R Korea: ME/Al  
7285
- 1300 Taiwan—V of Free China: As/Oc  
9610 7130
- 1600 United Kingdom—BBC: Americas  
9740  
Notes: Asia/Pacific stream

### 1200

- 1330 USA—VOA: eAs/seAs/Pac  
15425 11715 11705 9760 9645  
6160
- 1400 USA—WRMI: CAm/Carib:  
9955  
Notes: Su
- 1300 USA—WSHB: CAm/SAm  
9455
- 1400 USA—WWCR: Eu/ME/nAf  
7435  
Notes: tx #3
- 1300 USA—WYFR: NAm  
11830 11750 6015 5950  
Notes: #1&2&4 Network Mo-Sa
- 1225 Uzbekistan—R Tashkent: As  
9715 7285 5975

### 1206

- 1650 New Zealand—R New Zealand Int'l: Pa  
6105  
Notes: occ use (eg Sports)

### 1215

- 1330 Egypt—R Cairo: sAs  
17595

### 1230

- 1300 Bangladesh—Bangladesh Betar: As  
9548 7185
- 1300 Finland—R Finland: NAm  
15400 11900
- 1300 Guam—KSDA: As  
13720
- 1300 Monaco—Trans World Radio: UK  
7115
- 1300 South Korea—R Korea: As  
13670 9640 9570
- 1300 Sweden—R Sweden: NAm  
15240 11650
- 1300 Thailand—R Thailand: As/Al  
11905 9810 9655
- 1255 Vietnam—V of Vietnam: As  
15009 12020 9840  
Notes: #2 alt

### 1238

- 1253 Denmark—R Denmark: seAs/Aus/eNAm/FE  
15605 11840 9910 9590  
Notes: 1st & 3rd Su/mo

### 1240

- 1250 Greece—V of Greece: Af  
17525 15650 11645

### 1300

- 1430 Australia—R Australia: As/Pac/PapNG  
11800 9770 9580 5995
- 1400 Canada—R Canada Int'l: Carib/NAm  
11855 9640
- 1355 China—China R Int'l: As/Pac  
11795 11660 9715 7385
- 1330 Czech—R Prague: Eu  
17485 11660
- 1330 Lebanon—Voice of Hope: ME  
9960
- 1400 N Mariana Is—KHBI: India  
9355
- 1400 N Mariana Is—KHBI: Indon  
13840

### 1300

- 1350 North Korea—R Pyongyang: seAs  
15230 13760 9640
- 1350 North Korea—R Pyongyang: Eu  
11730 9345
- 1350 North Korea—R Pyongyang: Am  
15230 13760
- 1330 Norway—R Norway Int'l: seAs/wAus/Eu  
15605 9945 9590  
Notes: Su only
- 1600 Philippines—FEBC: seAs/India  
11995
- 1355 Poland—Polish Radio Warsaw: Eu  
11815 9525 7270 7145 6095
- 1356 Romania—R Romania Int'l: Eu  
17745 15390 11940 9690
- 1400 Russia—V of Russia: WS: seAs  
17860 15460 9705 4975 4740
- 1330 Switzerland—Swiss R Int'l: seAs  
13635 12075 7230
- 1330 Switzerland—Swiss R Int'l: Eu  
9535 6165
- 1400 United Kingdom—BBC: Africa  
21660 17885 17830 15420 6190
- 1400 United Kingdom—BBC: Americas  
15220 11865 9590 9515 6195  
5965
- 1400 United Kingdom—BBC: Asia/Pacific  
9740 9580 6195 6095 5990
- 1500 USA—KJES: Canada  
11715
- 1400 USA—KNLS: eAs  
7365
- 1400 USA—WEWN: NAm  
11875 7425
- 1700 USA—WHRI: SAm  
15105
- 1400 USA—WSHB: cNAm  
6095
- 1400 USA—WSHB: Mexico  
9455
- 1500 USA—WWHA: Af  
7425  
Notes: Sa
- 2400 USA—WWCR: Eu/ME/nAf  
13845  
Notes: tx #2
- 1400 USA—WYFR: NAm  
17750 13695 11830 5950  
Notes: #1&3&4 Network Mo-Sa

### 1302

- 1502 USA—WYFR: India  
11550

### 1303

- 1310 Croatia—Croatian Radio: NAm/Eu  
13830 7165 5920  
Notes: News

### 1330

- 1400 Armenia—R Yerevan: Eu  
15270  
Notes: Su
- 1400 Austria—ORF: NAm/Eu  
13730 6155
- 1355 Belgium—R Vlaanderen Int'l: NAm  
13685  
Notes: Su
- 1357 Canada—R Canada Int'l: eAs  
9535 6150

## Schedules

UTC Start & End | Country—Station: Target | Frequencies and Notes

### 1330

- 1400 Finland—R Finland: NAm  
15400 11900
- 1400 Guam—KSDA: As  
9650
- 1500 India—AIR: GOS/seAs  
13710 11620
- 1400 Mongolia—R Ulan Bator: Aus  
12085
- 1425 Netherlands—R Netherlands: sAs  
15585 13700 9895
- 1400 Sweden—R Sweden: As/Pac  
15240 13740 7155  
Notes: either #1 or 2
- 1400 Turkey—V of Turkey: As/Eu  
9630 9445
- 1355 United Arab Emirates—R Dubai: Eu/hA  
21605 17630 15395 13675
- 1400 USA—VOA: eAs/seAs/Pac  
15425 11715 11705 9760 9645  
6160
- 1600 USA—WRMI: CAm/Carib  
9955  
Notes: Mo-Fr
- 1355 Uzbekistan—R Tashkent: As  
9715 7285 5975
- 1355 Vietnam—V of Vietnam: eAs  
15009 12020 9840  
Notes: #2 alt
- 1400 Yugoslavia—R Yugoslavia: Aus  
11835

### 1338

- 1353 Denmark—R Denmark: seAs/Aus/NAm/FE/1500  
15605 11840 9910 9590  
Notes: 1st & 3rd Su/mo

### 1345

- 1405 Vatican State—Vatican Radio: As/Aus  
11625 9500

### 1400

- 1425 Belgium—R Vlaanderen Int'l: seAs/NAm  
13795 13685  
Notes: Mo-Sa
- 1659 Canada—R Canada Int'l: Carib/NAm  
11855 9640  
Notes: Su
- 1459 Canada—R Canada Int'l: Carib/NAm  
11855 9640  
Notes: Mo-Fr
- 1455 China—China R Int'l: As/NAm  
9785 9535 7405
- 1500 France—R France Int'l: ME/As  
17560 15405 12030
- 1500 Japan—R Japan: GOS:As  
11880 7225 7200 7125
- 1500 Japan—R Japan: GOS:NAm  
11705 9535
- 1500 Morocco—R-TV Morocco:  
17595  
Notes: Su
- 1500 N Mariana Is—KHBI: India/China  
9355
- 1500 N Mariana Is—KHBI: China  
9355
- 1430 Norway—R Norway Int'l: sAs  
11730  
Notes: Su only
- 1410 Pakistan—R Pakistan: ME/AF  
15675 13590 11570 9485

### 1400

- 1430 Palau—KHBN: sAs  
9965 9730  
Notes: Se&Su
- 1500 Russia—V of Russia: WS: ME  
15205 9840 9470 7165 7130
- 1430 Thailand—R Thailand: As/AF  
11905 9655 9530
- 1430 United Kingdom—BBC: Africa  
21680 17830 6190
- 1600 United Kingdom—BBC: Americas  
17840 15220 11865 9590 9515
- 1600 United Kingdom—BBC: Asia/Pacific  
9740 6195 5990
- 1500 United Kingdom—BBC: Europe  
17705 17640 15575 15565 15485  
12095 9410
- 1500 United Kingdom—BBC: sAsia  
15310 11750 5975
- 2200 USA—KALJ: Carib  
15725
- 1500 USA—VOA: eAs/seAs/Pac  
15425 11705 9760 9645 7215  
6160
- 1500 USA—VOA: ME  
15205
- 1700 USA—VOA: sAs  
15395 9760 9645 7215 6110
- 1600 USA—WEWN: NAm  
11875 9455
- 2300 USA—WWCR: Eu/ME/hA/1  
12160  
Notes: tx #3
- 1500 USA—WYFR: NAm  
17750 11830 5950  
Notes: Network Mo-Sa

### 1415

- 1425 Nepal—R Nepal: Domestic  
7165 5005 3230  
Notes: News

### 1430

- 1500 Australia—R Australia: As/Pac/Pap/NG  
12080 11800 11660 9580 7150  
6080 6060 5995
- 1459 Canada—R Canada Int'l: Eu/ME/AF  
15325 11935 11915 9555
- 1500 Guam—KSDA: As  
7395
- 2100 Italy—Italian Radio Relay Serv: Eu/  
3985
- 1525 Netherlands—R Netherlands: sAs  
15585 13700 9895
- 1500 Portugal—R Portugal: ME/FE  
21515  
Notes: Mo-Fr
- 1526 Romania—R Romania Int'l: As  
15335 11740
- 1500 Sweden—R Sweden: As/Pac  
9845
- 1500 Sweden—R Sweden: NAm  
15240 11650 9885  
Notes: either #2 or 3
- 1500 United Kingdom—BBC: Africa  
21660 17830 15400 6190

### 1438

- 1453 Denmark—R Denmark: NAm/sAs  
11840 11730  
Notes: 1st & 3rd Su/mo

### 1440

- 1450 Greece—V of Greece: NAm/wEu  
15175 11645

### 1500

- 1600 Australia—R Australia: As/Pac/Pap/NG  
12080 11800 11660 9850 9615  
9580 7150 6080 6060 5995
- 1555 China—China R Int'l: As/NAm  
9785 9535 7405
- 1630 Guam—KTWR: s&eAs  
11580
- 1600 Ireland—West Coast Radio: Eu  
6015  
Notes: Th
- 1530 Israel—Kol Israel: Eu/NAm  
11605 9390
- 1600 Japan—R Japan: GOS:As  
7225 7200
- 1600 Japan—R Japan: GOS:NAm  
9535
- 1600 Japan—R Japan: GOS:sAF  
15355
- 1530 Mexico—R Mexico Int'l: Domestic  
9705 5985  
Notes: Mo-Fr
- 1600 N Mariana Is—KHBI: India/China  
9355
- 1550 North Korea—R Pyongyang: ME/AF  
9975 9640
- 1550 North Korea—R Pyongyang: Eu  
13785 9325
- 1600 Russia—V of Russia: WS: ME  
15205 9840 9635 9585 9470  
7165 7130 5925 4975 4940
- 1530 Seychelles—FEBA: sAs  
11870  
Notes: Su-1545 | We&Th - 1515
- 1600 Seychelles—FEBA: sAs  
9810  
Notes: Mo-Sa (Int'l Pgm)
- 1600 South Africa—Channel Africa: e&C/AF  
9685 7155
- 1530 Switzerland—Swiss R Int'l: sAs  
13635 12075 9885
- 1530 United Kingdom—BBC: Africa  
21660 21490 17880 17830 15420  
15400 11860 6190
- 1530 United Kingdom—BBC: Europe  
17705 15575 15485 12095 9410  
6195
- 1630 United Kingdom—BBC: sAsia  
11750 5975
- 1600 USA—KJES: Mexico  
11715
- 1700 USA—VOA: ME  
15205 9575
- 2200 USA—WHRI: Eu  
13760
- 2300 USA—WRNO: NAm/CAm/Eu  
15420
- 1600 USA—WYFR: NAm  
17750 11830
- 2200 Zambia—Christian Voice: regional  
3330

### 1530

- 1600 Austria—ORF: As/Eu/ME  
13730 11780 9655 6155
- 1600 Finland—R Finland: A/NAm  
15400 11900



## Schedules

UTC Start & End | Country—Station: Target | Frequencies and Notes

### 1530

1545 India—AIR: Reg Svc  
9700 9530 7410 7140

1627 Iran—V of Islamic Rep of Iran: As  
9635 7290

1600 Lebanon—Voice of Hope: ME  
6280

1600 Mongolia—R Ulan Bator: sAs  
12085 9745

1625 Netherlands—R Netherlands: sAs  
12090 9895

1630 United Kingdom—BBC: Africa  
21660 17830 15400 6190

1700 United Kingdom—BBC: Europe  
15575 15485 12095 9410 6195

1700 USA—VOA: eAs/seAs/Pac  
9760 9645 7215 6160  
Notes: #2-4-1800

### 1538

1553 Denmark—R Denmark: sAs/eME/wNAm  
9540 9520 9485  
Notes: 1st & 3rd Su/mo

### 1600

1700 Australia—R Australia: As/Pac/PapNG  
12080 11800 9615 9580 9580  
6090 6080 6060 5995

1655 China—China R Int'l: Af  
15130 15110

1627 Czech—R Prague: ME/Eu  
17485 5830

1700 France—R France Int'l: Af/ME/Eu  
15530 15460 15210 12015 11700  
11615 9485 6175

1700 Germany—R Deutsche Welle: Af  
15145 13610 11965 9735 7195

1650 Germany—R Deutsche Welle: sAs  
9585 7305 7225 6170

1700 Guam—KSDA: As  
7400

1630 Mexico—R Mexico Intl Domestic  
9705 5985  
Notes: Mo-Fr

1800 N Mariana Is—KHBI: eEu  
11550

1800 N Mariana Is—KHBI: sAf  
9385

1630 Norway—R Norway Int'l: wNAm/eAf  
11840 9590  
Notes: Su only

1630 Pakistan—R Pakistan: Af/ME  
15555 13590 11935 11570 9515  
9485  
Notes: Slow-speed news 1615

1700 Russia—V of Russia: WS: ME  
15205 9635 9585 9470 7275  
7210 6175 6005 4975 4940  
Notes: #8 Su&Mo

1655 South Africa—Channel Africa: wAf/e&  
15240 9685 7155

1700 South Korea—R Korea: Eu/ME/Af/GOS  
9870 9515 5975

1830 Swaziland—Trans World Radio: cAf  
9500

1640 United Arab Emirates—R Dubai: Eu/nA  
17630 15395 13675 11795

1630 United Kingdom—BBC: Americas  
17840 11865 9515

1630 United Kingdom—BBC: Asia/Pacific  
17135 5990 3915

### 1600

2400 USA—KTBN: eNAm  
15590

2400 USA—KVOH: NAm/Carib  
17775  
Notes: inc Spanish prgrms

1800 USA—KWHR: Oc  
6120

1700 USA—VOA: AfncA  
17895 15445 15410 15225 13710  
12040 11920 6035

2000 USA—WEWN: NAm  
13615 11875

1700 USA—WSHB: eAf  
18930

1700 USA—WYFR: NAm  
17750 11830 11705  
Notes: #1&3 Network Mo-Sa

1700 USA—WYFR: Eu/Af  
21745 21525 15695

1625 Vatican State—Vatican Radio: Af/As/  
11640 9940  
Notes: Sa|Mass

1625 Vietnam—V of Vietnam: Af  
15009 12020 9840  
Notes: #2 all

### 1630

1700 Austria—ORF: As  
11780

1657 Canada—R Canada Int'l: India  
9550 7150

1830 Egypt—R Cairo: c&sAf  
15255

1700 United Kingdom—BBC: Africa  
21660 17830 15420 15400 6190

1730 United Kingdom—BBC: Americas  
17840 9515  
Notes: #2 Sa&Su

1730 United Kingdom—BBC: Asia/Pacific  
7135 3915

1800 United Kingdom—BBC: sAsia  
11750 9740 9510 5975

### 1638

1653 Denmark—R Denmark: wNAm/neEu/eAf  
11840 9910 9590  
Notes: 1st & 3rd Su/mo

### 1650

1752 New Zealand—R New Zealand Int'l: Pa  
6070  
Notes: Mo-Fr

### 1700

1730 Australia—R Australia: As/Pac/PapNG  
12080 9860 9615 9580 9580  
6090 6080 6060

1755 China—China R Int'l: Af  
9570 7405 7150

1800 Costa Rica—AWR Pan Am/enca: Am  
13750  
Notes: Sa-Su

2200 Costa Rica—R for Peace Int'l: LAm/N  
15050

1727 Czech—R Prague: cAf/Eu  
15640 5835

1730 France—R France Int'l: ME/Af  
15460 15210 11615

1800 Japan—R Japan: GOS: As  
7225 7200 6035

### 1700

1800 Japan—R Japan: GOS: NAm  
9535

1800 Japan—R Japan: GOS: ME/nAf  
11880

1730 Lebanon—Voice of Hope: ME  
9965

1750 North Korea—R Pyongyang: ME/Af  
9975 9640

1750 North Korea—R Pyongyang: Eu  
13785 9325

1750 Pakistan—R Pakistan: wEu  
11570 9400

1800 Russia—V of Russia: WS: Eu  
9890 7440 7180 6130 6110  
5940 4920

1800 Russia—V of Russia: WS: ME  
9585 7305 7275 7255 7210  
7130

1730 Slovakia—AWR Europe: India/ME  
9475 7265

1755 South Africa—Channel Africa: e&cAf/  
9685 7155

1730 Switzerland—Swiss R Int'l: ME/Af  
9905 9885 5850

1730 Switzerland—Swiss R Int'l: Eu  
7410

1730 United Kingdom—BBC: AfncA  
17830 15420 15400 11860 9630  
6190

1800 United Kingdom—BBC: Europe  
15575 15485 12095 9410 6195  
6180 6090 3955

1800 USA—VOA: AfncA  
17895 15445 15410 13710 13600  
12040 11920 6035

1800 USA—VOA: eAs/seAs/Pac  
15255 12005 11945 9795 9770  
9670 9525 6045 5990  
Notes: Mo-Fr

1900 USA—VOA: Eu/nAf  
6040

1800 USA—VOA: ME  
15205 9760 6040

1800 USA—VOA: sAs  
15395 9795 9645 9525 7215  
7125 6110  
Notes: #2,4 Mo-Fr

2400 USA—WHRI: SA  
9495

2000 USA—WMLK: Eu/Af  
9465  
Notes: Su-Fr

1800 USA—WSHB: cAf  
18930

1900 USA—WYFR: Eu/Af  
21745 15695

### 1715

1730 Albania—R Tirana: UK  
7155 6185

### 1720

1730 Vatican State—Vatican Radio: As/Aus  
9645 7250 5880 4005

### 1730

1800 Australia—R Australia: As/Pac/PapNG  
12080 11860 9860 9615 9580  
9580 6090 6080 6050

## Schedules

UTC Start & End | Country—Station: Target | Frequencies and Notes

### 1730

- 1800 Guam—KSDA: As  
7455
- 1825 Netherlands—R Netherlands: s&e&wAf  
11655 9605 6020
- 1930 Philippines—R Philippines: ME  
15190 11890 11815  
Notes: also Tagalog
- 1756 Romania—R Romania Int'l: Af  
11940 11830 9750 9550
- 1757 Slovakia—R Slovakia Int'l: wEu  
7345 6055 5915
- 1800 United Kingdom—BBC: Africa  
17830 15420 15400 6190
- 1900 United Kingdom—BBC: Americas  
17840
- 1800 United Kingdom—BBC: Asia/Pacific  
3915
- 1800 Vatican State—Vatican Radio: Af  
15570 11625 9660

### 1738

- 1753 Denmark—R Denmark: eNAwAf/Eu  
13800 9590 7485  
Notes: 1st & 3rd Su/mo

### 1745

- 1815 Bangladesh—Bangladesh Betar: Eu  
9568 7190  
Notes: V of Islam
- 1945 India—AIR: GOS/e&w&nAf/wEu/ME  
15075 13700 11620 9950 9650  
7410
- 1800 Swaziland—Trans World Radio: sAf  
3200  
Notes: Mo-Fr

### 1753

- 1952 New Zealand—R New Zealand Int'l: Pa  
9810  
Notes: Mo-Fr

### 1800

- 1900 Algeria—R Algiers Int'l: Eu/ME/Af  
15160 11715
- 2000 Australia—R Australia: As/Pac/PapNG  
12080 11880 9860 9615 9580  
9580 7330 7240 6090 6080
- 1920 Brazil—R Nacional de Brasil: Eu  
15265
- 1900 Ireland—West Coast Radio: Af  
11665  
Notes: Th
- 2100 Kuwait—R Kuwait: Eu  
11990
- 0200 Liberia—Liberia Commun Network: Reg  
5100
- 2000 N Mariana Is—KHB: Eu/ME  
9355
- 2000 N Mariana Is—KHB: sAf  
9385
- 1855 Poland—Polish Radio Warsaw: Eu  
7285 7270 6095
- 1900 Russia—V of Russia: WS: Eu  
9890 7440 7180 6130
- 1900 Russia—V of Russia: WS: ME  
7305
- 1900 Sudan—R Omdurman: Regional  
9200

### 1800

- 2015 Swaziland—Trans World Radio: sAf  
3200  
Notes: Su -2045
- 1830 United Kingdom—BBC: Africa  
17830 15420 15400 6190 3255
- 1830 United Kingdom—BBC: Europe  
15485 12095 9410 6195 6180  
6090 3955
- 1830 United Kingdom—BBC: sAsia  
9740 9510 5975
- 1900 USA—KJES: Aus  
15385
- 2000 USA—KWHR: Oc  
13625
- 1830 USA—VOA: Africa  
15580 15410 13710 12040 11975  
11920 6035
- 2100 USA—VOA: ME/nAf/Eu  
10454L 9770 9760
- 1900 USA—VOA: ME  
9760 6040
- 2000 USA—WEWN: Eu  
15745
- 2000 USA—WSHB: eEu  
13770
- 1900 USA—WSHB: sAf  
18930
- 2200 USA—WVHA: Eu/Af  
9900
- 1825 Vietnam—V of Vietnam: Eu  
15009 12020 9840  
Notes: #2 alt
- 1900 Yemen—Rep of Yemen R: ME  
9780

### 1815

- 1900 Bangladesh—Bangladesh Betar: Eu  
9568 7190

### 1830

- 1845 N Mariana Is—KFBS:  
9465  
Notes: We&Sa
- 1925 Netherlands—R Netherlands: e&e&wAf  
17605 15315 11655 9605 6020
- 1900 United Kingdom—BBC: Africa  
17830 15420 15400 9630 6190  
3255
- 2000 United Kingdom—BBC: Asia/Pacific  
9740
- 1900 United Kingdom—BBC: Europe  
15485 12095 9410 6195 6180  
3955
- 1900 USA—VOA: Africa  
15580 15445 15410 13710 12040  
11975 11920 11740 7150 6035  
Notes: #2,8,9 Sa&Su

### 1838

- 1853 Denmark—R Denmark: eNAwEu/Af  
9560 7485 5960  
Notes: 1st & 3rd Su/mo

### 1840

- 1850 Greece—V of Greece: Af  
15150 11645  
Notes: Mo-Fr

### 1850

- 1952 New Zealand—R New Zealand Int'l: Pa  
9810  
Notes: Su

### 1900

- 2000 Argentina—RAE: Eu/Af  
15345  
Notes: Mo-Fr
- 1925 Belgium—R Vlaanderen Int'l: Af/Eu  
9925 5910  
Notes: #2 exc Sa
- 1955 China—China R Int'l: Af  
9440 6955
- 2000 Costa Rica—AWR Pan America: Am  
15460 13750
- 2200 Ecuador—HCJB: Eu  
21455 11960
- 1930 Finland—R Finland: Af/ME/Eu  
15440 9730
- 1950 Germany—R Deutsche Welle: wAf/ME  
15425 15135 13690 11810 11785  
9765 9640
- 1910 Greece—V of Greece: Eu  
9375
- 2300 Guatemala—AWR Pan America: LAm  
5980
- 2000 Japan—R Japan: GOS:As  
7200 6035
- 2000 Japan—R Japan: GOS:NAw  
9535
- 2000 Japan—R Japan: GOS:Oc  
7140 6035
- 1958 New Zealand—R New Zealand Int'l: Pa  
9810  
Notes: Sa
- 1930 Norway—R Norway Int'l: Af/Eu  
9590 7465 5960  
Notes: Su only
- 1956 Romania—R Romania Int'l: Eu  
9690 7195 7105 5995
- 2000 Russia—V of Russia: WS: Eu  
9890 7440 7180 6130 6110  
5940 4920
- 2000 South Korea—R Korea: GOS  
7275 5975
- 2000 Thailand—R Thailand: As/Eu  
11905 9655 7295
- 1930 United Kingdom—BBC: Africa  
17830 15400 9630 6190 6005  
3255
- 2000 United Kingdom—BBC: Europe  
15485 12095 9410 6195 6180  
5975 3955
- 1930 USA—VOA: Africa  
15580 15410 13710 12040 11975  
11920 7415 6035 4950  
Notes: #9 Sa
- 2000 USA—VOA: eAs/seAs/Pac  
15180 11870 9525  
Notes: primarily to Pacific region
- 2000 USA—VOA: ME  
9760
- 2400 USA—WRMI: CAw/Carib  
9955  
Notes: Sa
- 2130 USA—WRMI: CAw/Carib  
9955  
Notes: Su
- 2000 USA—WSHB: wAf  
17510

## Schedules

UTC Start & End | Country—Station: Target | Frequencies and Notes

### 1900

- 2000 USA—WYFR: Eu/Al  
21745
- 1925 Vietnam—V of Vietnam: Eu  
15009 12020 9840  
Notes: #2 alt

### 1905

- 2005 Nigeria—R Kuridat Nigeria:  
6205  
Notes: Clandestine

### 1930

- 2000 Albania—R Tirana: UK  
7270 6270
- 2000 Austria—ORF: Al/ME/Eu  
9495 6155 5945
- 2027 Iran—V of Islamic Rep of Iran: Eu  
9022 7260
- 2000 Mongolia—R Ulan Bator: Eu  
12085 9745
- 2025 Netherlands—R Netherlands: s&e&wAl  
17605 15315 11655 9605 6020
- 1957 Slovakia—R Slovakia Int'l: wEu  
7345 6055 5915
- 2000 South Korea—R Korea: Eu  
3970
- 2000 Sweden—R Sweden: Eu/Al/ME  
9655 7240 6065
- 2030 Turkey—V of Turkey: Eu/Am  
9535L 6000
- 2100 United Kingdom—BBC: Africa  
17830 15400 11835 9630 6190  
6005 3255
- 2000 USA—VOA: Africa  
15580 15410 13710 12040 11975  
11920 7415 6035 4950
- 2000 Yugoslavia—R Yugoslavia: Al/Eu  
9720 6100

### 1935

- 1955 Italy—RAI: Eu  
7235 6030

### 1938

- 1953 Denmark—R Denmark: Al/NZ/Eu  
9590 7485 5960  
Notes: 1st & 3rd Su/mo

### 1953

- 2136 New Zealand—R New Zealand Int'l: Pa  
11735  
Notes: Su-Th | Fr -2206
- 2206 New Zealand—R New Zealand Int'l: Pa  
11735  
Notes: Sa

### 2000

- 2100 Algeria—R Algiers Int'l: Eu/ME/Al  
15160 11715
- 2100 Australia—R Australia: As/Pac/PapNG  
12080 11880 9860 9850 9580  
9580 7330 7240 6090 6080
- 2100 Bulgaria—R Bulgaria: wEu  
9700 7335
- 2055 China—China R Int'l: Al/Eu/ME  
15110 11715 9920 9440 6950
- 2027 Czech—R Prague: sAs/Aus/Eu  
11600 5930

### 2000

- 2050 Germany—R Deutsche Welle: Eu  
7285 5960
- 2030 Hungary—R Budapest: Eu  
9840 5970 3975
- 2100 Indonesia—V of Indonesia: Eu  
9525
- 2025 Israel—Kol Israel: Al/Eu/NArn  
15640 9435 9365 7465
- 2100 Malta—V of Malta: Eu  
7440 7390
- 2030 Mexico—R Mexico Int'l: Domestic  
9705 5985  
Notes: Mo-Fr
- 2100 N Mariana Is—KHBI: NZ  
13840
- 2050 North Korea—R Pyongyang: ME/Al  
9975 9640
- 2050 North Korea—R Pyongyang: Eu  
9345 6575
- 1400 Papua New Guinea—Nat'l Broadcasting  
9675
- 2030 Portugal—R Portugal: Al/Eu  
15515 9815 9780 6130  
Notes: Mo-Fr
- 2100 Russia—V of Russia: WS: Eu  
9890 7440 7160 6130 6110  
5940 4920
- 2015 Sierra Leone—SLBS:  
3316  
Notes: News
- 2100 Spain—R Exterior de Espana: Al/Eu  
11775 6125  
Notes: Mo-Fr
- 2100 Spain—R Exterior de Espana: Al/Eu  
11775 6125  
Notes: Mo-Fr
- 2130 Sri Lanka—SLBC: Eu  
15120 9730
- 2030 Switzerland—Swiss R Int'l: Al  
13635 11640 9905 9885
- 2030 Switzerland—Swiss R Int'l: Eu  
6165
- 2100 United Kingdom—BBC: Americas  
11750
- 2100 United Kingdom—BBC: Europe  
12095 9410 7325 7150 6195  
6180 3955
- 2100 USA—KJES: Carib  
15385
- 2200 USA—KWHR: As  
15405
- 2030 USA—VOA: Africa  
17755 17725 15580 1541C 1371H  
11975 11855 7415 6035 4950
- 2100 USA—VOA: ME  
15205 9760
- 2200 USA—WEWN: NArn  
13615 7425
- 2200 USA—WEWN: Eu  
13695
- 2200 USA—WSHB: wEu  
7510
- 2100 USA—WSHB: Eu  
5835
- 2200 USA—WYFR: Eu/Al  
21525 17845 17845
- 2030 Vatican State—Vatican Radio: Al  
9645 7365

### 2005

- 2105 Syria—R Damascus: Eu  
12085

### 2007

- 2206 New Zealand—R New Zealand Int'l: Pa  
11735  
Notes: Fr

### 2015

- 2045 Swaziland—Trans World Radio: sAl  
3200  
Notes: Su

### 2025

- 2045 Italy—RAI: ME  
11840 9710 7110

### 2030

- 2200 Egypt—R Cairo: wAl  
15375
- 2130 Germany—AWR Europe: Al  
9835
- 2125 Netherlands—R Netherlands: wAl  
11655 9605 6020
- 2155 Poland—Polish Radio Warsaw: Eu  
7285 6095 6035
- 2130 Slovakia—AWR Europe: cAl  
9465
- 2100 Sweden—R Sweden: Eu/Al/ME  
6065
- 2045 Thailand—R Thailand: As/Eu  
11905 11805 9655
- 2100 United Kingdom—BBC: Asia/Pacific  
11955 9740
- 2100 USA—VOA: Africa  
17755 17725 15580 15410 13710  
11975 7415 6035 4950  
Notes: #9 Sa&Su
- 2100 Uzbekistan—R Tashkent: Eu  
9540 7105
- 2055 Vietnam—V of Vietnam: Eu  
15009 12020 9840  
Notes: #2 alt

### 2038

- 2053 Denmark—R Denmark: Eu/NArn  
7520 7480  
Notes: 1st & 3rd Su/mo

### 2045

- 2230 India—AIR: GOS/AusNZ/wEu  
11620 9950 9910 7410 7150

### 2050

- 2110 Vatican State—Vatican Radio: Eu  
7250 5880 4005  
Notes: European 1st pgm

### 2100

- 2130 Australia—R Australia: As/Pac/PapNG  
13605 12080 11855 11695 11640  
9860 9850 9660 7240 6080
- 2159 Canada—R Canada Int'l: Al/Eu  
17820 15150 13690 13650 11945  
9805 7235 5995 5925
- 2155 China—China R Int'l: Al/Eu/ME  
15110 11715 9920 6950
- 2200 Cuba—R Havana: Eu/Al/ME  
13725U 13715

## Schedules

UTC Start & End | Country—Station: Target | Frequencies and Notes

### 2100

- 2150 Germany—R Deutsche Welle: As/Pac  
11785 9765 9670
- 2150 Germany—R Deutsche Welle: wAf  
15275 11865 9690 9615
- 2110 Ghana—Ghana BC Corp:  
3366  
Notes: News in English
- 2200 Japan—R Japan: GOS:As  
9825 9560 6035
- 2200 Japan—R Japan: GOS:Oc  
11850
- 2110 Japan—R Japan: Reg Svc:seAs  
11685 9860
- 2130 Mexico—R Mexico Intl: Domestic  
9705 5985  
Notes: Mo-Fr
- 2200 N Mariana Is—KHBI: Aus  
13840
- 2120 Nigeria—R Nigeria:  
4770  
Notes: News
- 2156 Romania—R Romania Intl: Eu  
7195 7105 5995 5990
- 2200 Russia—V of Russia: WS: Eu  
9890 7440 7320 7180 7170  
6110 5940
- 2200 Slovakia—AWR Europe: cEu  
6055
- 2200 South Korea—R Korea: Eu  
15575 6480
- 2130 United Kingdom—BBC: Africa  
11835 9630 6190 6005 3255
- 2130 United Kingdom—BBC: Americas  
17715 15390 11750 5975
- 2200 United Kingdom—BBC: Asia/Pacific  
11955 9740 6195 6120 5965  
3915
- 2200 United Kingdom—BBC: Europe  
9410 7325 7150 6195 6180  
3955
- 2130 USA—VOA: Africa  
17725 15580 15410 13710 11975  
7415 6035  
Notes: Su-Fr -2200
- 2200 USA—VOA: eAs/seAs/Pac  
17735 15185 11870  
Notes: primarily to Pacific region
- 2200 USA—VOA: ME/nAf/Eu  
9760 9535 6040
- 2200 USA—VOA: ME  
15205 9760 9595 6070
- 0200 USA—WRML: CA/nV/Carib  
9955  
Notes: Mo-Fr
- 2200 USA—WSHB: eNAM/Eu  
5835

### 2105

- 2205 Syria—R Damascus: NAM/Aus/NZ  
13610 12085

### 2115

- 2245 Egypt—R Cairo: Eu  
9900

### 2130

- 2200 Armenia—R Yerevan: Eu  
11615 9965

### 2130

- 2200 Australia—R Australia: As/Pac/Pap/NG  
17860 17795 13755 13605 12080  
11855 11695 9850 9660 7240
- 2200 Finland—R Finland: Af/Eu  
15440 11755 9730 6120
- 2200 Guam—KSDA: As  
9495
- 2227 Iran—V of Islamic Rep of Iran: seAs  
6165
- 2200 Sweden—R Sweden: Eu/AI/ME  
7230 6065  
Notes: Sa&Su
- 2200 United Kingdom—BBC: Africa  
11835 6190 6005 3255
- 2200 United Kingdom—BBC: Americas  
17715 5975
- 2200 Uzbekistan—R Tashkent: Eu  
9540 7105

### 2137

- 0458 New Zealand—R New Zealand Intl: Pa  
15115  
Notes: Mo-Th

### 2138

- 2153 Denmark—R Denmark: sEu/AI/eNAM/Aus  
7520 7465 7315  
Notes: 1st & 3rd Su/mo

### 2200

- 2330 Australia—R Australia: As/Pac/Pap/NG  
17860 17795 15365 12080 11855  
9660
- 2225 Belgium—R Viaanderen Intl: Eu  
5910
- 2300 Bulgaria—R Bulgaria: wEu  
9700 7390
- 2229 Canada—R Canada Intl: Eu/AI/seAs  
15150 13690 11945 11705 9805  
7235 5995
- 2230 China—China R Intl: Eu  
3985
- 2255 China—China R Intl: Eu  
7170
- 2400 Costa Rica—R for Peace Intl: LAM/N  
7385 6205U
- 2300 Cuba—R Havana: Carib/sUSA  
6180
- 2215 Ghana—Ghana BC Corp:  
4915  
Notes: nx/English
- 2230 Hungary—R Budapest: Eu  
9835 5970 3975
- 2225 Italy—RAI: As  
11815 9710 5975
- 2225 Moldova—R Moldova Intl: Eu  
7520  
Notes: Mo-Fr
- 2300 N Mariana Is—KHBI: Japan/Kor/CIS  
13840
- 2205 Nigeria—R Nigeria:  
4990  
Notes: News in Eng
- 2300 Russia—V of Russia: WS: Eu  
9890 7440 7400 7360 7320  
7205 7180 7105 6110 5940  
Notes: also 9550, not anncd
- 2210 Sierra Leone—SLBS:  
3316  
Notes: News

### 2200

- 2300 Spain—R Exterior de Espana: Af  
11775  
Notes: Sa-Su
- 2300 Taiwan—V of Free China: Eu  
9985 5810
- 2300 Ukraine—R Ukraine Intl: Aus/Eu  
7380 7290 7205 6020 5905
- 2300 United Kingdom—BBC: Africa  
11835  
Notes: Sa -2330
- 2230 United Kingdom—BBC: Americas  
17715 9590 5975
- 2300 United Kingdom—BBC: Asia/Pacific  
12080 11955 9660 7110 6195  
5905
- 2230 United Kingdom—BBC: Europe  
9410 7325 7150 6195 3955
- 0400 USA—KWHR: As  
17510
- 2230 USA—VOA: Africa  
13710 12080 11975 7415 6035  
Notes: Mo-Fr
- 2400 USA—VOA: eAs/seAs/Pac  
17820 17735 15305 15290 15185  
11760 9890 9770 7215
- 2400 USA—WEWN: NAM  
13615 6890
- 2400 USA—WEWN: Eu  
11820
- 0400 USA—WHRI: Eu  
5745
- 2300 USA—WSHB: wEu  
7510
- 2300 USA—WSHB: Brazil  
13770
- 2300 USA—WVHA: Af  
5850  
Notes: Mo-Sa | Su -2400
- 2300 USA—WWCR: Eu/ME/nAf  
9475  
Notes: tx #1
- 2300 USA—WYFR: Eu/Af  
21525 17845
- 2230 Yugoslavia—R Yugoslavia: Eu  
6185 6100

### 2203

- 2210 Croatia—Croatian Radio: NAM/Eu  
13830 7165 5895  
Notes: News

### 2207

- 0458 New Zealand—R New Zealand Intl: Pa  
15115  
Notes: Fr&Sa

### 2230

- 2300 Austria—ORF: Af/Eu  
9495 6155 5945
- 2257 Czech—R Prague: wAI/NAM  
9430 7345
- 2300 Finland—R Finland: Eu  
11845 9665 9650
- 2300 Sweden—R Sweden: Eu/AI/ME  
7325 6065
- 2400 United Kingdom—BBC: Americas  
17715 11680 9915 9590 5975
- 2300 United Kingdom—BBC: Europe  
6195 3955

## Schedules

UTC Start & End | Country—Station: Target | Frequencies and Notes

### 2238

2253 Denmark—R Denmark: SAm/FE  
9840 6145  
Notes: 1st & 3rd Su/mo

### 2240

2250 Greece—V of Greece: eAs  
9425  
Notes: Su-Fr

### 2245

0045 India—AJR: GOS/As  
11620 9950 7150  
2305 Vatican State—Vatican Radio: As/Aus  
11830 9600 7305 6065

### 2300

2329 Canada—R Canada Int'l: Carib/LAm/NA  
11940 9755 9535 6010 5960  
0100 Costa Rica—AWR Pan America: Am  
15460 13750 9725 6150 5030  
0030 Egypt—R Cairo: NAm  
9900  
2350 Germany—R Deutsche Welle: eAs  
7235 6160 6000  
2400 Guam—KSDA: As  
15610  
2400 Guatemala—AWR Pan America: LAm  
11775  
2400 Italy—Italian Radio Relay Serv: Eu/  
3985  
Notes: Fr-Su  
2400 Japan—R Japan: GOS:As  
9825 9560  
2400 Japan—R Japan: GOS:Oc  
11850  
2400 Japan—R Japan: GOS:Eu  
6180  
2325 Moldova—R Moldova Int'l: Eu  
7520  
Notes: Mo-Fr  
2350 North Korea—R Pyongyang: Am  
13650 11700  
2330 Norway—R Norway Int'l: NAm/seAs/wAu  
7465 7275 5905  
Notes: Su only  
2400 Russia—V of Russia: WS: NAm  
7330 7180 7125 7105 5940  
0300 South Africa—Radio 2000: nwCape  
3320  
2350 Turkey—V of Turkey: NAm/Eu/As  
9655 9560 7280 6135U  
2330 United Kingdom—BBC: Asia/Pacific  
11955 11945 9580 7180 7110  
6195 5965 3915  
2400 USA—KAIJ: Carib  
13740  
0800 USA—WGTX: Canada/Mexico  
5085  
0400 USA—WRNO: NAm/CAm  
7355  
2400 USA—WSHB sEu/wAf  
7510  
2400 USA—WSHB: SAm  
13770  
0500 USA—WWCR: Eu/ME/nAf  
3215  
Notes: tx #1  
1200 USA—WWCR: Eu/ME/nAf  
5070  
Notes: tx #3

### 2300

2400 USA—WWCR: Eu/ME/nAf  
7435  
Notes: tx #4

### 2301

2310 Croatia—Croatian Radio: Eu  
7165 5895  
Notes: News

### 2330

2400 Australia—R Australia: As/Pac/PapNG  
17860 17795 15365 15240 13605  
12080 11855 9660  
2359 Canada—R Canada Int'l: Carib/LAm/NA  
11940 9755 9535 6010 5960  
Notes: Sa&Su  
0059 Canada—R Canada Int'l: Carib/LAm/NA  
9755 5960  
Notes: Mo-Fr  
0025 Netherlands—R Netherlands: eNAM  
9845 6165  
2400 United Kingdom—BBC: Asia/Pacific  
11955 11945 9580 7180 7110  
6195 5965  
2355 Vietnam—V of Vietnam: Eu  
15009 12020 9840  
Notes: #2 alt  
**2338**  
2353 Denmark—R Denmark: CAme/NAM/seAs/EA  
7465 7275 5905  
Notes: 1st & 3rd Su/mo  
**2355**  
2400 Japan—R Japan: Reg Svc:seAs  
11685 9860

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The Forums will include:

- Longwave DXing
- Medium Wave DXing
- SW DXing
- UHF/VHF
- TV/FM Dxing
- Pirates
- Tech Topics from Hester, Rippe! & Buch
- Collectors Forum
- And More To Be Announced!

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TEN!

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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.

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ten!

10!

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: \$ \_\_\_\_\_

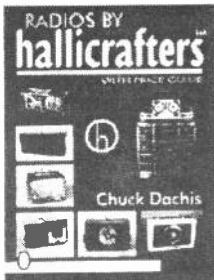
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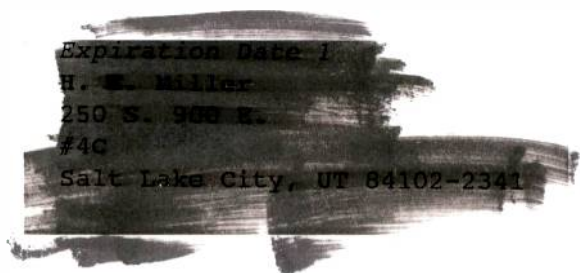


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