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NORTH AMERICAN SHORTWAVE ASSOCIATION

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RADIO PRAHA olr qsl



NASWA Notes

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Harold Cones informs me that the responses to the 1995 NASWA Membership Survey are have been tabulated. If all goes according to plan, Harold hopes to report the results of the survey in June's *Journal*. Thanks to all of our members that participated and a special thank you to Dr. DX for the time and effort he put into the design and compilation of the results. The survey will help the Editor-in-Chief and the Executive Council as it periodically looks into changes in the *Journal*.

The Association of North American Radio Clubs reports another new member of its association. The DX Audio Service (P. O. Box 164, Mannsville, NY 13661-0164) was organized in March, 1985, with the first cassette issued in April, 1985. The club's purpose is to serve sight-impaired persons involved in DX'ing or other hobby listening. DXAS covers BCB - AM and some facets of FM with monthly cassettes of 90 minutes in length. The "After Dark" series, now in its 5th edition, is a randomly-issued collection of items which DXAS is unable to fit into the monthly format. Future plans include a separate bandscan cassette offering for those who follow this area, freeing space in the monthly issues, as members are divided on the value of bandscans. DXAS is also beginning work

ANARC SWL Ham Net

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

on items that may be adapted to computer disks for those with voice readers. If you are interested in learning more about the DX Audio Service, contact the club at the above address. Please remember to enclose return postage.

Tom Sundstrom is stepping down from his monthly update column of English Schedules. Tom still remains a valuable member of the NASWA team with his English Language Schedules appearing twice a year in the *Journal*.

Calendar Of Events

- May 19 - Meeting, Philadelphia Area NASWA Chapter. Kulpsville Holiday Inn, Kulpsville, PA 7:30 PM Contact Dan Cashin (215)446-7831 (no meeting this month - Fest)
- May 20 - The Miami Valley DX Club (All band orientation) meets on the third Saturday of each month at 1 PM. Locations vary but are announced in advance. For info, call the MVDXC (614) 471-9973 Or, send a SASE to MVDXC, Box 292132, Columbus, OH 43229-8132
- May 22 - Special Meeting, Boston Area NASWA Chapter. Special guest: John H Bryant. The Lexington Club, Rts. 4 & 225, Lexington, Mass., 7:30 p.m. Location is 1/4 mile west of Rt. 128, Exit 31. For more info, contact: Paul Graveline, 508/470-1971, or Internet 74007.3434@compuserve.com. For June, back to our third-Friday-of-the-month schedule: June 16
- Jul 2 - The Tidewater SWLs meet on the first Sunday of each month at 6:30 PM. For info, call Joe Buch, (804) 721-2782.

Members are invited to submit items to be included in this calendar to Bob Brown.

Our Motto is - "Unity and Friendship"

As I mentioned last month, your club needs electronic typing assistance from members to help in the development of an electronic file of reprints. We have already had a number of volunteers and are looking for more. If you have always wanted to help out but didn't know how, this is your opportunity. Most of our reprints were done the old fashion way and we would like to generate an electronic file of reprints for future use. If you have access to word processing equipment and are willing to devote some time to this project, your club needs you. Please contact Bill Oliver electronically through the Internet at NASWA1@AOL.COM or

snail mail at the usual 45 Wildflower Road address. He will forward material to you and co-ordinate the necessary arrangements. Thanks in advance!

As we head into the spring and summer DX season in North America, please remember to report your listening results while travelling on vacation to Sheryl and Wallace. Listening activities generally tail off a little during this time of year and your support during these leaner months is essential.

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

Welcome to the following new NASWA members -

David N. Abu-Shakra, Grand Blanc, MI	Diane S. Levesque, Phoenix, AZ
Samuel Alice, Westerly, RI	Russell Mann, Griffin, GA
David Amundson, Dudley, PA	Ken McCarter, Chalfont, PA
Joseph H. Brewer Jr., Studio City, CA	Mark Meece, West Chester, OH
Don Brewer WSVJQ, Overland Park, KS	Paul Menzenski, Mahopac, NY
Roger A. Broucke, Austin, TX	John D. Moorman, Sacramento, CA
Steve Buser, Dublin, GA	John W. Mossor, Marlinton, WV
John Butler, Berwyn, PA	Jose Augusto Navarrete, Elmhurst, NY
Peter C. Card, Middletown, RI	Ken Ness, Brooklyn, NY
Mark Chalkley, Salada, VA	Louis Niedelman, Margate, NJ
Richard Clark, Bracebridge, Ontario CANADA	Takashi Maeba, Nara, JAPAN
Bob Colyard, Brick, NJ	Sue A. O'Hare, Edmonds, WA
Wilson R. Cooper, Palo Alto, CA	Frank Pagano, Washington, DC
Pete Costello, Matawan, NJ	Richard D. Palmer, Green Valley, AZ
Everett Curry Jr., Hillsboro, OR	Ralph W. Perry, HONG KONG
Joseph Dauray, Palm Beach, FL	Jim Reynolds, Gadsden, AL
James M. Drew, San Antonio, TX	Joseph A. Richard, Fort Lauderdale, FL
Ed Efcak WX2R, Fair Lawn, NJ	Dean Robinson, Schenectady, NY
Don English, El Paso, TX	Fred Roesler, New Brunswick, NJ
John Findlater Jr., Los Angeles, CA	Roger L. Roffino, Haledon, NJ
Phil Finkle K6EID, Marietta, GA	John Rogers, Belmont, MA
Ray Forsgren, Chippewa Falls, WI	Steven Rosenblatt, Cleveland Heights, OH
Gary W. Froemming, Glendale, AZ	Brian Saade, Brea, CA
Charles Gammie, Tucson, AZ	Irvin M. Sanders K3IVY, Harrisburg, PA
Francis D. Haggerty, Kingsport, TN	Ken Sassadeck, Toms River, NJ
Nils Hardin, Summerland, CA	Scott Silverwood, Baltimore, MD
Jim Hogan, Greensboro, NC	David A. Smith, Nyack, NY
Chester Jaffe, Berkeley, CA	William Spann, Mooresville, IN
John Jankite, Fayetteville, NC	Eugene Styer, Richmond, KY
Terry Jones, Plankinton, SD	John Tagliareni, Bayonne, NJ
Douglas W. Kamp, Seattle, WA	Don Thornton, Belle Mead, NJ
C J Kedro, St. Louis, MO	Paul Wakefield, West Branch, IA
Mr. Rulph C. Klein, Wilkes-Barre, PA	Marla Warner, Annapolis, MD
Leonard E. Klein, Esq., Silver Spring, MD	John Wenzelburger, Charlotte, NC
B. Kravlevich, South Lake Tahoe, CA	William F. White Jr., Bakersfield, CA
Andrew Lautin MD, Yorktown Heights, NY	Mr. Brian T. Zielke, Waukesha, WI
Richard Lemke, St. Albert, Alberta CANADA	

Musings

This column provides a forum whereas 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 Bob Brown, 238 Cricklewood Circle, Lansdale, PA 19446 or via email - 74756.1557@compuserve.com

Diane S. Levesque, 6340 North 16th St. #103, Phoenix, AZ 85016

Hi guys....I just rejoined NASWA after a considerable absence (like about a decade and a half) I've definitely got some thoughts to share on the changes that I've run smack into. I've seen Andy Sennitt's comments at EDXC in last month's Journal, and this is right after buying a current WRTVH and "Passport", inside of which I read articles on similar themes...discovered the absence of Luxembourg, and now Bethany....whew. And then there's Harry Helms' comment in this month's Journal. Heavy stuff, all of it.

Now, I'll grant you that I realize that I've only scratched the surface of all the happenings I've missed over recent years, but It Seems To Me that, based on what I've seen so far, Radio Sweden, Andy Sennitt, the "fraternity", and purt near everybody hasn't really looked at a number of basic principles.

First, that comparing shortwave and satellites is a case of apples and oranges, like comparing MW AM and FM, when the death of MW AM was also predicted. Death of shortwave just ain't gonna happen any more for MW AM; Satellite reception is thusfar confined to homeowners and most of us here in the US rent apartments where satellite reception may or may not be available....and where it is available, it's the landlord that decides the limits of what is received...unless a renter has one of those auto receivers that haven't hit the market yet.

Second, the success of market share on the burgeoning channels of satellite receivership is based on commercial viability, and that too often means entertainment, and shortwave radio continues to fill the need for an educational environment as to global cultures and international relations. In this sense, major broadcasters on shortwave will indeed be missed because they will no longer represent their countries and cultures in the global smooorgasbord, the global sociopolitical classroom that shortwave radio still is.

Third, shortwave listeners have ever right in the world to feel insulted by the likes of Radio Sweden for getting on the shortwaves and snub their listeners by broadcasting DX stuff that has nada to do with shortwave. Don't You Believe that the bulk of satellite people are going to be tuning to Sweden's shortwave broadcasts for tips. It will be shortwave listeners who do that. As long as the shortwave is turned on, even though the person listening may be also involved in satellites, that person is nonetheless a SHORTWAVE listener, and will remain so until he turns his shortwave receiver off.

These are BASICS, guys. It's not a matter of old technology versus new technology. It's a

DUES INCREASE

Effective April 1, 1995, Executive Council determined that a US\$1.00 increase in membership rates in North America was necessary. The changing membership rates are associated with the recent increase in postage costs and other operating expenses of the club including printing. In North America dues are now US\$26.00. Overseas postage rates may rise later this year which could result in membership rates increasing. Overseas members may renew early to avoid the increase.

matter of ambassadorial-like representation, education...and being wise enough to tell the difference between apples and oranges.

Brian Saade 621 S. Laurel Ave. Brea, CA 92621

I am a new NASWA member and wanted to say hello to all my new fellow members. Yes, I am an ex-SPEEDX'er and have been DXing for approximately 20 years. On behalf of those ex-SPEEDX'rs who received the complimentary copy of the Journal, thanks. The bulletin is very well done and (at least for me) adds very valuable information to my radio database.

I have already contributed to the QSL column and expect to continue my contributions to the bulletin. This leads me to my main point. I believe that one of the key factors in the demise of SPEEDX, was lack of contribution to the various columns and editors. I was as guilty as any of this lack of support to my club. I don't believe this was due to lack of interest, because most of us love to read about the various DX catches, new skeds., rare QSLs, etc. I do believe however, that we forget that these clubs are: 1. For Fun, 2. All Volunteer, 3. Member Supported!!!

As I noted previously, The NASWA Journal is very well done. This should be a real source of pride to the members and editors. Keep those contributions and info flowing to your editors. If all of us give just a little each month, our combined effort will keep the club going and growing.

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

Another DXpedition to Gifford Pinchot (#14!) took place 30 March through 2 April. Without Fred Kohlbrenner, it just didn't seem like a DXpedition. Nevertheless, we managed to survive without Fred's presence. Fred "owns" the space next to the front window and on more than one occasion, usually after being up for too many hours, I thought I saw his shadow at the window! Dave Valko and I arrived on Thursday. I had enjoyed a nice opening to Africa prior to Dave's arrival. Latin conditions were only average that evening. I managed to sleep through a good latin morning. Dave was nice enough to tell me what I missed!

By noon, we were joined by Don Moore. It must be rough living in Iowa if you have to travel all the way to Pennsylvania for a DXpedition. Later that day the Torch, Hans Johnson, arrived to fill out our group. The Friday evening meal was the usual pasta special. We did our best to keep Hans out of the kitchen. You may recall he earned his nickname by almost burning down our cabin in January 1994.

Generally, DX conditions were pretty good. The noise problem experienced the last trip we DX'ed at Gifford Pinchot was not apparent this time. As we begin preparations later this summer for next season's DXpeditions, we will keep our fingers crossed that things at Gifford Pinchot stay the same.

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FRENDX: Twenty Five Years Ago....

Awards Chairman Warren Nordgren announced a new award, the Missionary Award. Charlie Loudenboomer returned to the pages of Friendx with the sad tale of Max Moxey. In the ANARC Report, Doug Benson and Gerry Dexter report the 1970 ANARC Convention was scheduled to be held in Bellwood, IL. In Gregg Calkin's QSL Report, Radio Trinidad and RTM-Morocco were featured in the QSL Gallery. In the Flash Sheet, edited by Al Niblack, Don Jensen, Al Sizer, Gerry Dexter report a new Dominican on 4,825 kHz, Radio Cultural Nacional.

Easy Listening

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We're Moving—Finally!

The address shown above should be the last address change you'll need for me for a while. By the time you receive the May *Journal* we'll be moved into our new Baltimore home. Please begin using the Chestnut Ridge Drive address as soon as possible, as I will be closing out the post office box within the next couple of months.

It will also be a treat not to deal with SWling in a hotel room. Hotels are not very hospitable to shortwave propagation due to the high concentration of televisions and other RF-emitting equipment, and also due to concrete construction.

BBC World Service

The few reviews I've seen on the new BBC program arrangements have been mixed. One key change in the North American stream is the emphasis on news and news analysis at the expense of music and dramatic features. This shift is not surprising given that most Americans listen to the BBC over a local public radio station. What the BBC uniquely offers public radio broadcasters is news and documentaries; these radio stations don't have to look to the BBC to fill their time with music.

As predicted, at least in eastern Pennsylvania, there are some times of day one can easily listen to three different BBC program feeds. One recent evening at 0300 I could easily hear the European (6195, 9410 kHz) and African (9600 kHz) feeds in addition to the North American release. Unfortunately, column space won't permit including all possible airings of particular programs at all times for all five releases. If you have a particular favorite that you'd like to see the schedule for, please drop me a line.

As before, I do not include program times for North American releases not available on shortwave. Many public radio stations that utilize the satellite feed also record the programs for later broadcast, so the times shown in *BBC Worldwide* would not apply.

Now, on to the highlights.

News and Feature Programs

Daily, 0200 and 0500: *Newsday* is one of the new news programs on the BBC. I'd describe the program as "Newshour Lite" as it covers several news stories in detail and provides a general background summary as well. Unlike *Newshour*, there are no specific segments on sports, British news, financial news, or press review. Other programs cover those topics.

Wednesdays 0230: *Heritage* returns for a six-part 30-minute series. This program visits archaeological sites around the world. Among the countries visited: Yemen, a country closed to foreigners until the 1960s, is only now being studied for its ancient cities, medieval towns, and mosques existing from the dawn of Islam. First airing Also airing Sundays 1715 and Mondays 0530.

Fridays beginning May 12th, 0730: *Letters Home* is a new four-part 30-minute series in which BBC correspondents present letters written by distinguished travelers who have passed through the cities in which the BBC correspondents are now based.

Fridays beginning May 19th, 0345: *Earth, Air, Fire, And Water* is a new nine-part 15-minute series looking at the creation stories of various world religions. Stories from Africa, Egypt, Scandinavia, and elsewhere are explored in a setting of music and atmosphere. First airing Wednesdays 1145; also repeated Fridays 1430.

Monday, May 22nd 1515: **We Fire Electrons Not Bullets** is a single 45-minute program looking at the development of non-lethal weaponry, from subliminal messages and sleep deprivation to electromagnetic and acoustic pulse weapons. Both the scientific and sociological aspects of these programs will be explored. Also airs Monday 0715.

Thursdays, beginning June 1st, 0345: **The Streets Of London** is a six-part 15-minute series exploring the history of some of London's unusual and distinctive street names. If you've visited London this program should be particularly interesting. First airing Wednesdays 1515; also repeated Fridays 0715.

Light Entertainment

Mondays, 1130: **Let's Do The Show Right Here** is an ongoing eight-part panel quiz on musicals. The flops, the hits, the composers, the lyricists, and the stars provide fodder for questions. First airing Sundays 1530.

Mondays, beginning May 29th, 0330: **Brain Of Britain** returns for another 17-week run. History, sports, science, current affairs, literature, art, music, and geography are all fair game for the panelists. Unfortunately, this 0330 airing is the only North American airing on shortwave; other releases that may be audible include Sundays 2130 (Europe, Africa) and Saturdays 1230 (Europe).

Drama and the Arts

Saturdays, 2230: **Play Of The Week** offerings include **Generations** (May 13th), an original play for radio looking at a family's World War II involvement impact a young person's essays on the subject in 1995; **Home At Seven** (May 20th) is a psychological thriller about a businessman's missing 24 hours and his actions over that day. **Dickens' Women** (May 27th) appears to be more of an essay than a play, looking at various female characters in Charles Dickens' works. Dickens' daughter wrote at one point "My father did not understand women", which leads to some interesting characterizations.

Music

Tuesdays, beginning May 16th, 1445: **Pop The Question** returns for a 15-minute eight

part series answering listener questions on current and past popular music. What's the biggest foreign language hit worldwide? Which Beatle was an aspiring chess master? Tune in for details. Send your questions to **Pop The Question** at the usual Bush House address: BBC World Service, Bush House, The Strand, PO Box 76, London WC2B 4PH, United Kingdom. Repeated Wednesdays 0615.

Tuesdays, beginning May 23rd, 0630 (European release): **That's Cool** looks at the character that has been a core requirement for contemporary music heroes since the jazz cats of the 1940s. The development of style and image as an outgrowth of contemporary music is explored. There are no North American releases directly on shortwave.

Science and Technology

Thursdays, until May 25th, 0345: **Do You Know...?** is a 15-minute weekly series concluding this month that answers listeners' questions about science. You'll find out why we have eyebrows and when the Japanese started using Hindu-Arabic numerals. The program uses questions from listeners, but you'll have to hurry to get your question in before the program concludes. Also airs Wednesdays 1515 and Fridays 0715.

Around the Bands

Radio Netherlands

Radio Netherlands and BBC Radio Scotland team up to present *Island Life*, a two-part documentary on living on a remote island off the Dutch or Scottish coast. In the **Documentaries** slot Thursdays, May 11th and 18th, 0052 and 0452, and Friday 2352.

UFOs in the Lowlands is Howard Shannon's look at Dutch experiences with UFO sightings and close encounters, airing in the **Documentaries** slot May 25th and 26th.

Weekend is a new joint venture of Radio Netherlands, the BBC, Radio France International, and Deutsche Welle taking a weekly look at issues and themes important around Europe. Maggie Ayre hosts. Sundays 2352.

Longtime Newsline voice Ginger da Silva can now be heard on the new program **A Good Life**, which looks at development and foreign aid issues. What's unusual is that richer countries, with development potentially run amok, are also investigated. Mondays 2352.

Deutsche Welle

The end of World War II should find some unique perspective from Germany. **Insight**, in the 0300 North American release May 10th, will specifically cover the end of the war from a German viewpoint.

You may not think of Germany as a haven for tea drinkers, but there's a region known as East Frisia that specializes in tea blending, brewing, and drinking. East Frisia is profiled in **Come To Germany** in the 0100 and 0500 releases May 25th.

Politics on Shortwave

Political broadcasts have come under sudden scrutiny in the wake of the Oklahoma City Federal building bombing. Bob Montgomery sent me a note before the Oklahoma City tragedy reminding me of some of the political programming that airs live and accepts phone calls. **Radio Free America** airs on WWCR daily on 5065 kHz for two hours at 0200 UTC. Tom Valentine, the host, is a consummate muckraker. **Hour of the Time** follows at 0400 with a one hour program also looking at government corruption. William Cooper hosts and doesn't rely on unsubstantiated rumor to make hay—Cooper always relates supporting documentation supporting his claims. **For The People** airs live at 1800 on WHRI at 9495 kHz. Bob says host Chuck Harder has a somewhat lighter touch than many of the political talk shows.

HCJB—The Voice Of The Andes

El Mundo Futuro is a 30-minute weekly adventure into the future world of science and technology. *The Computer Corner* is a regular feature. Some of May's feature topics include Apple's System 7.5 operating system and "Open Doc", IBM's highly publicized OS/2 Warp, and the use of satellites in global communications. Don't forget you can receive a twice-weekly detailed E-mail from HCJB with upcoming program highlights by contacting HCJB on Internet: english@mhs.hcjb.com.ec; HCJB also has program information available by anonymous ftp; I'll dig up the address after I unpack the bazillions of boxes surrounding me here.

More Internet Addresses

Add Radio Australia to the growing list of international broadcasters with Internet connectivity. Radio Australia now has the Internet electronic mail address of raust3@ozemail.com.au.

Program Topic Of The Month

Don't forget this new item in *Easy Listening* beginning in the June *Journal*. This section will focus on a quick rundown of information on a specific program type amongst all easy-to-hear English language broadcasters. Don't forget that your input is key to the value of this section. Upcoming topics:

June: Business and Economic programs

July: Travel and Tourism

August: Sports

Until next month,

73 DE Richard



FOR SALE: Autek QF-1A Audio Filter, \$45.00. MFJ-202 Noise Bridge, \$15.00. Partridge Electronics Joymatch Unamplified Active Antenna, \$40.00. All are in very good condition. Prices do not include shipping. Richard J. Kawa, 4069 Knoll Drive #19, Hamburg, NY 14075. Phone (716) 649-9871.

Much thanks to Gail and Bob Brown in readying this article for publication-H.J.

Hey Mister, Can You Hear the Astronauts on that Thing?

by John Lyon
2346 Dorothy Ave.
White Bear Lake, MN 55110

No, no home videos or slide shows, not even cold beer. Just a vacation tale of my antenna project second childhood. A May article by Ike Kerschner, N3IK, in *Monitoring Times*, touted the 8JK wire antenna. Essentially long parallel dipoles fed out of phase, this beast is electrically easy, but mechanically demanding. But I was not unfamiliar with the 8JK. As a teenage ham decades ago, I put one up in our large yard for the 20 meter (14Mhz) band. My Dad didn't mind the antenna, but he did mind the fluorescent bulb I taped to a voltage node that glowed in the dark at night every time the transmitter was keyed. We won't talk about neighbor comments, or surprised people driving past our house at night. My monster was fed with 300 ohm twinlead, and even without an antenna tuner it took at least some of my transmitter's 50 watt output, because one of my first ham contacts was South Africa. Pretty heady stuff for a smartass teenage ham.

I enjoy playing with wire antennas, so the thought of antenna *deja vu* at the family cabin in Forest County, Wisconsin, was pleasant. Sure, first I had to finish painting the cabin, but then it would be antenna time. The goal was one antenna that could be used for both shirt wave and ham activities. The 15 meter ham band (21Mhz) has always been my favorite, but with the low position in the sun spot cycle, that wasn't practical. One doesn't need a good antenna for a dying band. The space available determined that it would be an antenna for 19/20 meters and run east-west. I consulted the ARRL Antenna Book

and considered both the Lazy-H and Sterba Curtain, but the bottom elements would drag on the ground and be near people at this location. Not good.

So...the 8JK it would be. Only 60 some feet long, and 16 feet wide, that shouldn't be too bad. With 4 to 5 db gain, and fed with 450 ohm ladder line and an antenna tuner for multi-band work, it should burn up both the 20 meter ham and 19 meter shortwave bands. What I didn't really remember—or appreciate—were the mechanical problems. This project was a two tripper to the hardware store, except that the hardware store was a 34 mile round trip into the nearest north woods town. And we won't even count the trip where I left my wallet in my other pants pocket back at the cabin, and had no money—or driver's license—inducing v-e-r-y careful driving on the empty handed return trip.

The 8JK is simply like a horizontal letter H, laying on its side parallel to the ground. See Figure 1 for an overview. The two sets of dipoles have a twisted phasing section connecting them which forms the crossbar of the H. By twisted, I don't mean mentally dysfunctional. The pair of ladder line conductors is rotated 180 degrees so that conductor A is now conductor B, and vice versa. The antenna is fed in the middle of the center crossbar. Each leg of the H is one half-wavelength in length, around 32 feet for 14Mhz. But using the standard formula of $467/\text{Frequency in Mhz}$, one can plug in any band. The problem is the spreaders that keep the legs of the H properly spaced. I surmised that if I used 16 foot quarter wave spreader spacing on 14 Mhz, it would be eighth wave spacing on 7 Mhz. Possibly it would work reasonable well on both frequencies.

I can't remember what I used as spreaders on my 8JK years ago, but influenced by Ed Noll, W3QFJ, of Easy-Up Antenna fame, plastic water pipe seemed worth a try. I found out there is both thin and thick wall plastic pip, and the 3/4 inch diameter pipe will telescope into the 1 inch pipe if thin wall is used. Machine screws with washers, a bunch of eye bolts, and some soldering lugs completed the hardware. The machine screws fasten together the telescoping sections of water pipe, and the eye bolts are anchors for the H legs of wire.

The middle spreader, with its 450 ohm phasing section, needed special attention so that the opposing dipoles are connected. First, I cut the phasing line in half. To prevent screwups, I put red finger nail polish on each end of the phasing section, identifying the same wire. Then I could just see that the red dots were on opposite sides of the spreader when hooked up in place. Of course, I couldn't wait until the polish was dry, so I had red thumbs. The middle of the center spreader is also where the feed line (lead in) to the shack is connected. I used soldering lugs and small machine screws to connect the three wires together on each side of the spreader. It's harder to describe than to do. The final step was to tape the phasing line to the spreader, and also tape a few inches of the feed line plus a hose clamp for stress relief.

The spreaders turned out to be floppier than expected. Trying to distribute the stress a little more evenly, a simple tether was made at each of the four corners where a wire ran to a tree support. Then it was ready to go airborne. One really can't appreciate how bulky this thing is until it starts rising into the sky. Tell your neighbors not to watch. Adjust the tension on each of the four corner supports until it somewhat resembles a rectangle. The 8JK ended up only about 30 feet high for a number of logistical reasons. It may be crude, but it's beautiful—even without the fluorescent bulb.

Routing the ladder line in through the window to the shack, I was ready to try it. These days, the current equipment setup is a Kenwood TS-940S ham transceiver, a Lowe HF-225 short wave receiver, and an MFJ949C antenna tuner. Antennas at this location are a 125' random long wire at about 20 feet, and a 60 meter dipole at 40 feet. Hastily I connected the line to my antenna

tuner and turned on the rig. It was set to the 41 meter band, so I started tuning there. One or two very weak signals on the whole band. Hmmm. Did I mess up the phasing line after all; did I really connect the antenna to the dummy load; is this really the greatest radio blackout in the history of time? Then I noticed the feed line was incorrectly hooked up to the tuner. Feverish fingers, and then—suddenly—there are signals all over the band. LOUD SIGNALS, and LOTS OF THEM.

Radio Moscow is S9+20 in the early afternoon. Radio France International is +30. I switch to 19 meters. Signals aren't very strong; then I remember to tweak the antenna tuner, and there are more strong signals. Radio Damascus is S9+15 and several BBC frequencies are stronger than I've ever heard them. On 25 meters, Radio Marti is S9+50, virgin territory for my tender, innocent S meter. Do they realize they have their antenna pattern reversed, and they're entertaining Fidel Polar Bear, not Fidel Castro? I feel overwhelmed. I band scan slowly, starting with 13 meters continuing down band by band, until finally several hours later I reach the tropical bands. Ghana is S9+20 like a local broadcast station. I've never heard All India Radio or 60 meters in the late afternoon before. Both frequencies of Namibia on 90 meters are S9 and it isn't even dark. Readers on both coasts are smirking about now, but out here in America's Siberia, it's unusual to have these kind of signal strengths at this time of day—and on many days, at any time of day. Wishing I hadn't taken down the 60 meter dipole to make room for the 8JK, I turn on the Lowe 225 with its 125' random long wire, and start doing A-B comparisons between the two radios. Scores of them over the next few hours, including every band. The 940 is consistently 4-S units higher than the Lowe. What an antenna! By this time I've been hunched over the radios for six straight hours, nature is calling, and I'm hungry, exhausted and exhilarated. For 5db gain, this is too good to be true.

It was. The next morning was a real bummer. It was like the 8JK had quit working, the long wire winning out in almost every comparison. Then I realized that yesterday's conditions had been exceptional, and that this morning I am experiencing short skip which favors the long wire. I also did systematic comparisons between the two receivers on WWV frequencies and found

the 940 was consistently 2-S units higher for the same signal strength, so the 'improvement' wasn't as large as first thought, not to mention differing opinions of what constitutes an S-unit. But later in the afternoon, when the skip lengthened out, the 8JK came back into its own. Then it was consistently 2-S units or more stronger. Not just in strength, but also heft and body of the signals, what nerds call signal-to-noise ratio. Particularly signals with low modulation are made more intelligible by the 8JK. And although I thought full wavelength loops and Beverages were supposed to be the quiet antennas of choice, this antenna is easier on the ears than either the long wire or dipole.

So what's the bottom line, bunky? The 8JK has neither the gain nor the directionality of a yagi, nor does it cost \$300. On distances below 1500 miles, the long wire wins every time. Between 1500 and 3000 miles, it's nip and tuck. Farther out, particularly more than 5000 miles, the 8JK really shines by at least 2 honest S units, and quite often more. Even at a height of only 30 feet, it slurps up low angle signals like a sponge. The directionality and gain are greatest at the design frequency, but there are still very definite characteristics at 7 Mhz. Off the ends of the directional pattern, signals are somewhat weaker since the 'front-to-side' ratio is modest. But in the favored direction, signals are significantly stronger and—most importantly of all—more intelligible. By the time one reaches the tropical bands, the receiving pattern resembles the proverbial bowling ball sitting on a table. It's performance is roughly the same as the long wire, and significantly less than the 60 meter dipole it replaced.

Since the antenna runs east-west, that means it favors South America and Asia. It does a fine job

over the pole to Asiatic Russia, and also the Indian subcontinent. But I feel this is truly a Russian antenna; I've never heard so very many Russian stations, of all different flavors, just waiting to be logged. I call the antenna Vlad, short for Vladimir. Apparently this is as common a name in Russia as John is in America. Don't yell either in a crowd unless you enjoy a good trampling.

This antenna is really a prototype. The spreaders and the hardware only cost \$15, so I really can't complain. But they are bowed like a baby's bottom, particularly the middle spreader. I could use the thick walled tubing without the telescoping for a spacing of 10 feet, but my intuitive feeling is that the wider spacing helps explain the very good performance on 41 meters. Other possibilities are to use larger diameter telescoping tubing with its increased weight, or glue together plastic pipe and hope it would hold up under the routine -20 degree temps here in the dead of winter. Wish I knew of a cheap, light, rigid, non-metal material for spreaders. Any light bulb ideas?

For many, the large size and mechanical problems would outweigh the low price, moderate gain and directivity, and frequency versatility of this antenna. And yes, an antenna tuner is needed even on receive for best results. In many aspects, it has exceeded my expectations, but I haven't yet figured out how to rotate the beast without the help of an earthquake.

Oh...if you don't have red nail polish, Misty Mauve or Porcelain Pink are acceptable, but Fulsome Fuchsia or Peach Flambe are totally tacky.

ECSS for listening to AM stations

by Gordon Bennett

This first appeared in Contact and is courtesy of Richard "Quake" D'Angelo.

The basic aim of the technique is to improve both selectivity and audio response. For the technique to be really effective you need a receiver that has a good specification filter, say 2.2 to 2.7 khz bandwidth at the -6dB point, and about twice that width at the -60dB point. (These

figures should be given in the Rx specifications in the user's manual—don't worry if you don't understand them!) This type of filter is usually brought into use automatically when you switch to "AM Narrow", or "LSB" or "USB" positions on the so-called "mode" switch.

The filter in use at the "AM" or "AM Wide" position is probably at least 6 khz wide at the -6dB point, not too bad for audio response (except in some receivers" but not very clever if

you have strong adjacent channel QRM, say a station only 5 khz (or less) away from the desired signal.

The other pre-requisite for successful use of ECSS is a small 'tuning increment'—in modern receivers, say 15 hz or sometimes less, or a small number of khz per one rotation of the tuning knob in the older receivers, say 25 khz. If you have a digital readout receiver with a 1 khz as the smallest step then you'll have little joy trying to use ECSS, UNLESS there is an independent fine tuning control.

Now on to the actual use of the technique, ON an A.M. SIGNAL! Suppose you DO have an adjacent channel problem affecting the desired signal when you are using the AM WIDE position on your mode switch. Switch to AM NARROW. This may reduce the interference level but you'll probably immediately notice less treble, i.e. a 'bassy' audio response which is a real nuisance when trying for ID's.

Assuming you are fairly well tuned in to the desired signal, now alter the mode switch to 'LSB' say, when you'll probably immediately hear a 'howl' which is the so-called beat-note. Alter the tuning control carefully until the howl note reduces in frequency down to zero. This is the so-called 'zero-beat' position and you'll immediately note distinctly improved audio on your AM signal, although you are using the same filter (probably) as you had in use on AM NARROW.

Whether the interfering signal has reduced in intensity or even disappeared depends on whether its frequency was above or below the frequency of the wanted signal. If it's still there, simply switch to 'USB' and in general it will then disappear without any need to re-tune for zero-beat. DON'T NOW SWITCH BACK TO 'AM' OR 'AM NARROW'; simply listen on !! On some receivers you may find that you have to re-tune slightly to re-obtain exactly zero-beat when you switch between USB and LSB or vice versa. There's usually a way of eliminating this slight problem, but you can't do it from outside the case.

The whole technique is simple and very rapid, once you've practiced it a few times. Personally I always DX using ECSS, i.e. my mode switch is always in the USB or LSB positions, simply because I much prefer the treble-enhanced audio response, QRM or no QRM. By the way, of course, if the QRM frequency is actually ON the frequency of the desired signal, then there is no way ECSS can remove it. If it is very close, then use of ECSS can reduce it quite remarkably, assuming you've got good SSB circuitry.

There are some bonuses to the use of ECSS by the way in addition to the QRM and audio aspects:

(1) In several top class receivers, passband tuning and variable bandwidth controls are inoperative unless the mode switch is at 'LSB' or 'USB'. Therefore you can use them when using ECSS—terrific for Dxing!

(2) Suppose you are checking a frequency to see if an anticipated Dx station is coming through. If you are on 'AM' or 'AM NARROW' then you won't notice anything if only a weak carrier is so far available. On the other hand, if you're scanning around using ECSS then you'll get a weak beat-note (howl) to warn you that a carrier is there, and may improve into a signal as you wait.

If you have a receiver with a BFO pitch control, as well as the pre-requisites already referred to then you can develop ECSS technique even more effectively, but that does mean yet another article!

Finally, if you have managed in the 'AM' mode switch position for years, still give ECSS a try. One of the world's top DX-ers had always done that, regarding ECSS as simply a gimmick. Not long ago, having bought a DRAKE R8, particularly good for ECSS use, he tried ECSS and now thinks highly of the technique!

P.S. Don't confuse the ECSS technique with the very expensive so-called ECSS modules which you can order with certain costly receivers. These modules can cost as much as a complete receiver like the SONY 2010. The TECHNIQUE costs you nothing.

The below first appeared in the Washington Post of January 14, 1995

Over the Net And Around The Law?

by John Schwartz

You can taste forbidden fruit with your computer—and you don't even have to be a hacker.

Official U.S. propaganda that has been carefully withheld from Americans lest it brainwash them is now widely available—possibly in violation of the law—on the Internet.

Almost 100 million people around the world get their news from the Voice of America, the international broadcast service of the U.S. Information Agency—but precious few Americans ever get to hear it. This is by design: The 1948 Smith-Mundt Act specifically forbids the VOA—began as a propaganda service in the weeks after the United States entered World War II—from disseminating its message domestically.

Over the decades, the act has created pretzels of legal logic: Journalists wanting to quote from VOA broadcasts were told by the agency that they had to come to the agency's Washington offices—or have someone overseas listen to the radio, transcribe the shows and send them back stateside. And many Americans thought the restrictions meant that it was illegal to even own transcripts or tapes—though Chris Kern, chief of the VOA's computer services division, explains: "It's a restraint on us—what we can do. It's not a restraint on what American citizens could do."

But in the past year, technology has unlocked the VOA's doors. Anyone with a computer and a modem has been able to sneak a peek at transcripts of VOA stories. And since September, users have even been able to download bits of actual VOA broadcasts and play them on any computer with the proper multimedia hardware and software. The experiment has been strikingly popular, with some 20,000 files being read each day by computer users dialing in.

A recent on-line visit confirmed what many have suspected for years: The rest of the world is getting some pretty dry stuff from us. It's well

written, especially as propaganda goes; the pieces employ a straight journalistic style. And it's not all world events. A recent story on former baseball great Gil McDougald, who regained his hearing decades after deafness forced him out of the game, was sweet and inspirational.

When it comes to world affairs, the stories consistently toe the administration line—but then, the same could be said of many news stories appearing in U.S. newspapers. Little wonder that, in those parts of the world starved for information not channeled through the local ministry of truth, VOA is still a lifeline. One agency official says that in Kuala Lumpur, Malaysia, VOA television broadcasts draw a larger audience than Oprah Winfrey. And on-line availability has proved to be a boon in such nations as China, which attempt to block VOA broadcasts. Text and broadcasts are currently available in at least 15 languages. Almost all of the users worldwide come to the VOA computer only for text; downloading sound files can take a lot of time and take up a great deal of precious disk space. The VOA parses its sound reports into 10-minute chunks of broadcast time. But due to the limits of on-line transmissions, even those 10 minute can take an hour or more to move across the phone line from the VOA's computer to yours.

Does the availability of VOA material on-line violate the law? Carl Malamud, head of the Internet Multicasting Service, thinks that it might. Malamud, whose nonprofit organization puts everything from government documents to broadcasts of NPR on-line, says that the VOA move worries him. "VOA to me appears to be doing 'wink, wink,'" Malamud said, "They're winking at those very fundamental mandates from the U.S. Congress—Ye shall not do news to the American public." Nor is this requirement trivial, as Eastern Europeans who suffered under decades of government-shaped news reports can attest.

Being able to get whole transcripts and broadcasts on demand—and being able to zip copies of

those files anywhere in the world via computer-gives the VOA wider distribution than ever before, Malamud said. "It's important that we understand that cyberspace is part of the real world," Malamud said. "Just because it's on a computer, it doesn't mean that the basic rules don't apply.

Some people have been agitating for broader public access to the VOA for years. Last year former FCC commissioner Newton Minow and Annenberg Fellow Alvin Snyder wrote: "Shouldn't we have the opportunity to know what the United States is saying to people in Bosnia, Russia or South America... Yesterday's fear that such programs will 'brainwash' the American public is senseless. We get a steady stream of government views in speeches, briefings and press releases, and we are capable of reaching our own conclusions."

One VOA official said that the computer broadcast has passed the agency's legal scrutiny. "We have gone through channels and checked at every step along the way." The VOA's on-line introductions to using the wire service states, with the digital equivalent of a straight face, "In accordance with U.S. law, the materials in this directory hierarchy are provided exclusively for recipients outside the United States."

As a practical matter, access to the VOA has been getting easier for decades despite the legal restrictions. Anyone with a shortwave radio can pick out the broadcasts through the static. And the VOA's television network, WorldNet Television, is available to anyone with a satellite dish.

"Our view of putting the material on the Internet is, it's merely an extension of our broadcasts," says VOA spokesman Joe O'Connell.

But the move to computer transmissions is a quantum leap. Not only is it essentially impossible for any regime—including that of the United States—to block reception of information put out on the Internet, but now the VOA's information can be put out anywhere, anytime—no one has to wait for a specific broadcast at a specific time.

The pretzel logic, meanwhile, isn't completely vanquished. The agency still can't legally tell you the location of its broadcasts on the short-wave band, satellite or on the Internet.

"Whether we personally agree or disagree with it, it is a statutory requirement and we are officers of the federal government. We don't have discretion," said Kern.

The VOA puts out its text and audio files on what's known as a "gopher," an easy-to-use (by Internet standards) on-line repository. Most people with Internet access can reach it by typing `gopher .voa.gov`. For higher-tech types who love the multimedia World Wide Web, the address is `gopher://gopher.voa.gov`. You can even get VOA information if the closest you ever get to the Internet is electronic mail: Send e-mail to `info@voa.gov` with the message `send help`. The computer will automatically respond with instructions telling you how to receive, say, the list of upcoming Mandarin and Cantonese programming on radio and television.



FOR SALE: Drake R-8 with box and Minimus-7 speaker. One year old. Two outdoor Datong active antennas, used, but like new. Sixty foot Sloper antenna still in package. Palomar longwire balun and kit still in package. \$500.00 takes it all. I'm moving. Cashiers check or money order only. Geoff Brown, 5 Washington Ave., Hopewell, NJ 08525. Phone (609) 466-9760 from 7:30 to 9:30 AM EST or after 6:30 PM or leave message. No collect calls.

Listener's Notebook

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MAY FLOWERS bring April, er, showers, or something like that. No, wait, May comes in like a lamb and goes out...Hmmm. Oh yeah, now I remember: May is your last chance until September to DX without QRN-induced migraine headaches. That's it.

A fine assortment of May flowers this time around, with the usual thanks to our usual co-conspirators.

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ALBANIA Until 23 September, two of *Radio Tirana's* 100 kW shortwave transmitters are relaying multi-lingual broadcasts of *TWR* to Central Europe. The first daily transmission (May 15-July 31 only) is German at 0345-0415 on 6230 & 7160. There is Kurdish daily at 0500-0515 on 11635, Polish at 0515-0530 on 7385 & 9470, and Russian at 1730-1830 (1815 on Sun) using 9490 & 11635. (AWR Waveguide #13 text via Harold Sellers/SW Echo/Martin in 0ZDX-April 95/DX Ontario World Radio Report)

ARGENTINA *Radio Nacional*, Mendoza, was reactivated in late-1993 and is currently heard (in Venezuela) at 0856+ on 6180v with fair signals. The national anthem and ID also mentioning FM-96.7 was heard. Adjacent QRM from *WYFR* will make this rather more difficult in North America. (TLC on HCJB/DX Ontario World Radio Report)

LRA1 *Radio Nacional*, Buenos Aires, noted on new SSB relay of 5650 kHz on 11Mar at 1040, // 6180. (Anker Petersen—DSWCI)

Radio Rivardavia, Buenos Aires, is using a new SSB relay on 5081 for Antarctica. Noted at 1930 in Argentina. (A. Peterson, PlayDX#834).

ASCENSION ISLAND *Radio Japan's* new schedule includes these relays via the BBC Atlantic Relay Station on Ascension Island:

0700-0800	English	17815
0800-0900	Japanese	17815 15135
1300-1400	Japanese	21490 15400
1530-1600	French	17880 15315

(BBCM)

AUSTRIA *Radio Austria International* sked:

0000-0030	German	13730 9870 9655
0030-0100	French	9655
0030-0100	Spanish	13730 9870
0100-0130	German	13730 9870 9655
0130-0200	English	9655
0130-0200	Spanish	13730 9870

0200-0230	German	13730 9870 9655
0230-0300	English	13730 9870 9655
0300-0330	German	9870
0330-0400	Spanish	9870
0400-0500	German	13730 6155
0430-0500	Esperanto	13730 6155 Su only
0430-0500	German	13730 6155 Mo-Sa
0500-0530	German	6015C
0500-0600	German	17870 15410 13730 6155
0530-0600	English	6015C
0600-0630	German	17870 15410 13730 6155 6015C
0630-0700	English	6015C
0630-0700	French	17870 15410 13730 6155
0700-0730	German	17870 15410 13730 6155
0730-0800	Arabic	17870 15410 13730 6155 Su only
0730-0800	English	17870 15410 13730 6155
0730-0800	German	17870 15410 13730 6155 Mo-Sa
0800-0930	German	17870 13730 6155
0930-1000	English	17870 13730 6155
1000-1030	German	17870 13730 6155
1030-1100	English	17870
1030-1100	French	13730 6155
1100-1130	German	13730 6155
1130-1200	English	13730
1130-1200	Esperanto	13730 6155 Su only
1130-1200	German	13730 6155 Mo-Sa
1200-1230	German	15450 13730 6155
1230-1300	English	15450
1230-1300	Spanish	13730 6155
1300-1330	German	13730 11780 6155
1330-1400	English	15450 13730 6155
1400-1500	German	15450 13730 6155
1500-1530	German	13730 11780 9665 6155
1530-1600	English	11780
1530-1600	German	13730 9665 6155
1600-1630	German	13730 11780 9665 6155
1630-1700	French	13730 11780 9665 6155
1700-1800	German	13730 11780 9665 6155
1730-1800	English	11780 9665
1730-1800	German	13730 6155

1800-1900	German	9665 6155 5945
1900-1930	German	13730 9665 6155 5945
1930-2000	Arabic	13730 9665 6155 5945
		Su only
1930-2000	English	13730 9665 6155 5945
1930-2000	German	13730 9665 6155 5945
		Mo-Sa
2000-2030	German	13730 9880 6155 5945
2030-2100	Spanish	13730 9880 6:55 5945
2100-2130	German	13730 9880 6155 5945
2130-2200	French	13730 9880 6155 5945
2200-2230	German	9870 6155 5945
2230-2300	Spanish	9870 6155 5945
2300-2330	German	9870
2330-0000	Spanish	9870

C-via RCI Sackville (BBCM)

BANGLADESH *Radio Bangladesh* has been noted on new 7180 in parallel with continuing 9650v. (AWR Wavescan #14 text via Harald Sellers/DX Ontario World Radio Report) [Presumably for 1230-1300 period-AQ]

BELGIUM On 27th March 1995 *Radio Vlaanderen Internationaal* began using a transmitter at Juelich, Germany (marked J in the schedule below), as part of an exchange agreement with *Deutsche Welle*. In return, DW uses the RVI transmitter at Wolvertem on 1512 kHz. Schedule effective 26th March to 23rd September 1995:

0500-0555	Dutch	11640 7120
0600-0630	Dutch	6015
0630-0655	English	9925
0700-0725	French	15545 9925 6035
0730-0755	German	9925 7120 6035 Su only
0730-0830	Dutch	9925 7120 6035 Mo-Sa
0800-0955	Dutch	17595 9925 6035 Su only
0830-0855	German	9925 7120 7105J 6035
		Mo-Sa
0900-0925	English	17595 15545 6035 Mo-Sa
0930-0955	French	17595 15545 6035 Mo-Sa
1000-1055	Dutch	17595 15545 6035
1100-1130	Dutch	17595 9925 6035
1130-1155	Spanish	9925 6035
1200-1230	Dutch	13670 Su only
1200-1300	Dutch	13670 Mo-Sa
1230-1255	English	13670 Su only
1300-1325	English	13670 Mo-Sa
1300-1555	Dutch	17690 9925 7110 Su only
1330-1355	French	13670 Mo-Sa
1430-1555	Dutch	9925 Sa only
1600-1630	Dutch	9925
1630-1655	Arabic	17640 9925
1700-1730	Dutch	5910
1730-1755	German	9925
1800-1825	English	5910
1800-2010	Dutch	13645 We/Sa
1830-1855	French	13685
1900-1955	Dutch	13685 9925
2000-2030	Dutch	5910
2030-2055	Spanish	9925

2100-2125	English	5910
2130-2155	French	9925
2200-2300	Dutch	13800
2300-2325	Spanish	13800 6030
2330-2355	English	13800 6030

(BBCM)

BOLIVIA *Radio Galaxia*, Guayaramerin, had been inactive for some while but it is now being heard again on 5123.7 with usual gospel programs around 0000. (Henrik Klemetz on DXPL/DX Ontario World Radio Report)

BRAZIL *Radio Educadora 6 de Agosto*, Xapuri, is a 2 kW experimental station that was formerly operating on an irregular basis on 3401 (as listed in 1995 WRTH) at 1000-0200. Recently it has been heard mornings and evenings on a new frequency of 3255 kHz. (Henrik Klemetz on DXPL/DX Ontario World Radio Report)

Radio Juratel is a station which is planning to test using the facilities of *Radio Bandeirantes* on 11925 kHz. Programming will be downlinked to the transmitter via satellite. No hours of operation were given. Reception reports can be sent to: Sr. Ielton Nascimento; R. Lourenco de Azevedo, 241 (Vl. Morse); Sao Paulo-SP 05624-060, Brazil (DX Clube Paulista via PlayDX #834).

BULGARIA *Radio Bulgaria* sked thru September:

0000-0100	Bulgarian	9415 9700 11660
		11720
0100-0200	Spanish	9415 11660 11815
0200-0300	Bulgarian	5905 7265 9700 11720
0215-0300	Turkish	5890 7115 Mo-Fr
0300-0400	French	9700 11720
0300-1200	Bulgarian	9850
0400-0430	Greek	5890 7115 Su-Fr
0400-0500	English	9700 11720
0400-0500	Greek	5890 7115 Sa
0430-0500	Albanian	5890 7115 Su-Fr
0500-0545	German	9700 11720
0500-0600	Serbo/Croat	5890 7115 Mo-Fr
0500-0630	Turkish	6000 7115 Sa-Su
0600-0700	French	9700 11635
0630-0730	Albanian	5890 Sa
0630-0900	Serbo/Croat	5890 Su
0730-0900	Serbo/Croat	5890 Sa
0800-0900	Greek	6000 7115 Su
1000-1100	German	11860 15185
1130-1230	English	17625 15635
1200-1500	Bulgarian	6100 9700 9850
1400-1500	Russian	7125 9775
1500-1545	Serbo/Croat	5890 6100
1500-1600	Bulgarian	9850 11660 15635
1545-1630	Albanian	5890 6100
1600-1645	Arabic	9440 11660
1600-1700	Bulgarian	7125 9775 9850
1615-1700	German	9700 11720
1630-1715	Greek	5890 6100
1700-1800	Bulgarian	7125 9775 9850

1700-1800	French	9700 11720	1300-1325	CC	11955Y 9660Y 6150K
1715-1800	Serbo/Croat	6100 7135	1300-1600	EE-CBC	17820 11955 Su
1750-1800	Turkish	5890 7355	1300-1600	FF-SRC	11855 Su
1800-1900	Bulgarian	5890 6100 9850	1330-1400	EE-RCI	21455S 17895 17820
1800-1900	German	9700 11720			15325S 15315 11795X
1800-1900	Russian	7125 9775			9535X Mo-Sa
1900-1945	Albanian	5890 6100	1330-1400	EE-RCI	21455S 15325S 11795X
1900-2000	Bulgarian	9850			9535X Su
1900-2000	English	9700 11720	1400-1500	FF-SRC	15325S 11935U Su
1915-2015	Spanish	9670 11660	1400-1500	FF-SRC	17895 17820 15325S
1945-2030	Greek	5890 6100			15305 11935U Mo-Sa
2000-2045	Italian	7355 9850	1430-1455	CC	9680Y 7285K 6150Y
2000-2100	French	9700 11720	1500-1600	RR	15325U 11935U 7285K
2015-2100	Arabic	11660 13625			6150Y Su
2030-2115	Serbo/Croat	5890 6100	1500-1600	RR	17820 15325U 15305
2100-2200	English	9700 11720			11935U 7285K 6150Y
2100-2200	Spanish	11660 13625			Mo-Sa
2115-2200	Italian	6100	1600-1645	UKR	17820 15325 11935U
2300-2400	English	9700 11720			9555U Mo-Fr
2300-2400	Spanish	9415 11660	1600-1700	UKR	17820 15325 11935U

* **Horizont (HS relay) (16-Apr/Doug Dine/SW Echo)**

BURUNDI Summer broadcast schedules now have *Voice of Turkey* opening on 6140 at 0300 instead of 0400. As such, *Radio Burundi* which opens at 0300 on 6140.1 just became a whole lot more difficult! (Hans Johnson via TLC on HCJB/DX Ontario World Radio Report)

CANADA Latest sked for *Radio Canada International*:

0000-0100	FF-RCI	13670 11940 9755 9535 5960	1630-1700	EE-RCI	9550X 7150X
0000-0100	SS	13670 11940 9535 Su/Mo	1645-1700	EE-RCI	17820 15325 11935U
0030-0100	SS	13670 11940 9535 11940-(twfss to 0130)	1700-1800	RR	9555U Mo-Fr
0100-0130	EE-RCI	13670 9755 9535 6120	1800-1845	UKR	17820 15325 13670
0100-0130	SS	11940 Tu-Fr	1800-1900	UKR	11905U 7235U Mo-Fr
0130-0200	EE-RCI	9755 6120 Tu-Sa			17820 15325 13670
0130-0200	EE-RCI	13670 9755 9535 6120 Su-Mo	1845-1900	FF-RCI	11905U 7235U Sa-Su
0130-0200	SS	13670 11940 9535 Tu-Sa			17820 15325 13670
0200-0230	EE-PK	11940 9535 6120 Tu-Sa	1900-2000	FF-RCI	11905U 7235U Mo-Fr
0200-0300	EE-CBC	13670 9755 Tu-Sa			17820 15325 15150
0200-0300	EE-CBC	13670 11940 9755 9535 6120	2000-2100	EE-RCI	13670 13650 11985U
0230-0300	FF-PK	11940 9535 6120 Tu-Sa			7235U 5995U
0300-0330	FF-RCI	11970U 11835M	2100-2130	EE-CBC	17820 15325 15150
0330-0400	AA	11970W 11835M 9715S			13670 13650 11690
0400-0430	EE-RCI	15275M 11905S 11835U 9650S	2130-2140	FF-RCI	7235 5995
0430-0500	AA	15275M 15215W 11835W	2130-2200	FF-RCI	15305 13740 9755
0500-0530	EE-PK	17840U 15340U 7295U Mo-Fr			17820 15305 13740
0530-0600	FF-PK	17840U 15340U 7295U Mo-Fr	2130-2200	FF-SRC	13670 13650 11690
1200-1230	FF-SRC/RCI	15195Y 9660Y			9755 7235U 5955U Sa-Su
1200-1300	EE-CBC	13650 11855 9635 Mo-Fr	2130-2200	FF-SRC	17820 13670 13650
1200-1300	FF-SRC	15425 9650 Mo-Fr			11690 7235U 5995U Mo-Fr
1230-1300	EE-RCI	15195Y 9660Y	2140-2200	CRE	15305 13740 9755 Mo-Fr
			2200-2230	EE-CBC	15305 13740 13670
					11895 9755 5960
			2200-2300	EE-CBC	11705Y
			2230-0000	EE-CBC	13670 9755 5960 Mo-Fr
			2230-2300	EE-RCI	13670 9755 5960 Sa-Su
			2230-2300	FF-RCI	15305 13740 11895
			2300-0000	EE-CBC	15305 13670 11940
					9755 5960 Sa-Su
			2300-2330	EE-CBC	15305 11940 Mo-Fr
			2330-0000	SS	15305 11940 Mo-Fr

PK = program for Canadian peacekeeping forces stationed abroad. C=Cape Greco (Cyprus); K=Kimjae

(South Korea); S=Sines (Portugal); U=Skelton (UK); M=Moosbrunn (Austria); W=Wertachtal (Germany); X=Xian (China); Y=Yamata (Japan). Unmarked frequencies originate from Sackville. (BBCM)

CHILE The proposed sale of the former *Radio Nacional de Chile* transmitting site to a new owner (the former program director of *KGEI*) has run into a snag—further details are pending. (DXPL/DX Ontario World Radio Report)

CHINA (TIBET) Based on monitoring in early March, it has been determined that the *Xizang PBS* (Lhasa) Chinese program is regular at +1100-1450 s/off on 4750, 5240, 5935 and (at 1200+) on 9580, whereas 7170 is irregular and 9490 is inactive. Correspondingly, the Tibetan program of *Xizang PBS* was found to be regular at +1100-1550 s/off on 4035, 4820, (at 1200+) on 5950, 5995, 6110, 6200 and 7110, whereas 5020, 11765 and 11950v are inactive. (Kito Asian DXer's Forum via DMC's WRR Jihad)

CIS As of 5th April, *Voice of Russia* ceased broadcasting in Indonesian, Khmer, Nepalese, Sinhalese, Swahili, Tamil, Hausa and Swedish. Furthermore, French broadcasts were reduced by six hours, Spanish by four hours, and Portuguese by 3.5 hours. All cuts due to budget restrictions. Last September, VOR also eliminated broadcasts in Afrikaans, Amharic, Burmese, Danish, Dutch, Slovene, Somali and Thai.

Nonetheless, a separate North American service has been reintroduced. At present the service has only been heard at 0600-0700 on 12040 kHz (which is announced as being for the west coast of North America), although it is possible that it is also carried at other times and on other frequencies. Whilst this North American service is on the air the mainstream *Voice of Russia World Service* in English continues to be heard on other frequencies. (BBCM)

Radio Two (R. Yunost) has published the following schedule. Their address is: ul. Pyatnitskaya, 25, 113326 Moscow. All programs in Russian:

0000-0100	4395YA 4740D 5925V 5955N/E 7290N
0100-0130	4395YA 4740D 5955N 6095M 7100T
0130-0200	4395YA 4740D 5955N 6095M 7100T
0200-0300	4395YA 4740D 5955N 6095M 7100T
0300-0330	4395YA 4740D 5955N 6095M 7100T
0330-0400	4395YA 4740D 5955N 6095M 7100T
0400-0430	4395YA 4740D 5955N 7100T 7290N 7490K 9570B 9605MA 9635K 9790E 9810K 10690N 11850K 11895E 11920I 12060V 15345M 15490N
0430-0600	4395YA 4740D 5955N 7100T 7290N 7490K 9470M 9570B 9605MA 9635K 9790E 9810K 10690N 11850K 11895E 11920I 12060V 15345M 15490N

0600-0800	4395YA 4740D 5955N 7100T 7290N 7490K 9470M 9570B 9790E 9810K 10690N 11850K 11895E 11920I 12060V 15345M 15490N
0800-0910	4395YA 4740D 5955N 7100T 7290N 7490K 9470M 9570B 9790E 9810K 10690N 11895E 11920I 12060V 15345M 15490N
0910-1000	4395YA 4740D 5955N 7100T 7290N 7490K 9470M 9570B 9790E 9810K 10690N 11760V 11895E 11920I 12060V 15345M 15490N
100C-1150	4395YA 4740D 5955N 7100T 7290N 7490K 9470M 9570B 9790E 10690N 11760V 11895E 11920I 12060V 15345M 15490N
1150-1200	4395YA 4740D 5955N 7100T 7200Y0
1200-1230	4395YA 4740D 5955N 7100T 7200Y0
1230-1250	4395YA 4740D 5955N 7100T 7200Y0
1250-1300	4395YA 4740D 5955N 7100T 7200Y0
1300-1330	4395YA 4740D 5955N 7100T 7200Y0
1330-1400	4395YA 4740D 5920E 5955N 7100T 7255B 7290N 7400V 7490K 9470M 9620M 10690N 11760V 11895E 11920I 15460N
1400-1500	4395YA 4740D 5920E 5955N 7100T 7255B 7290N 7400V 9620M 10690N 11760V 11920I 15460N
1500-1530	4395YA 4740D 5920E 5955N 7100T 7255B 7290N 7400V 9620M 10690N 11760V 11920I 15460N
1530-1600	4395YA 4740D 5920E 5955N 6095M
1600-1700	4395YA 4740D 5920E 5955N 6095M
1700-1800	4395YA 4740D 5920E 5955N 6080K
1800-1830	4395YA 6080K 6095M 7255B 7265K
1830-1900	4395YA 6080K 6095M 7255B 7265K
1900-1950	4395YA 5955N 6080K 6095M 6130I
1950-2000	4395YA 5955N 6080K 6095M 6130I
2000-2030	5955N/E 6095M 6130I 7255B 7290N
2030-2100	5955N/E 6095M 6130I 7255B 7290N
2100-2200	439YA 5925V 5955N/E 6130I 7255B 7290N 7490K 9635K 9790E 9810K 11850K 11880I
2200-2230	4395YA 5925V 5955N/E 7290N 7490K
2230-2300	4395YA 5925V 5955N/E 7290N 7490K
2300-2400	4395YA 4740D 5925V 5955N/E 7290N

B=Belarus, D=Dushambe, E=Ekaterinburg, I=Irkutsk, K=Khabarovsk, MA=Magadan, MO=Moscow, N=Novosibirsk, T=Tashkent, V=Volgograd, YA=Yakutsk, YO=Yoshkar-Ola

(Russian DX League's "Ask DX" via PlayDX #834)

Radio Netherlands is now being relayed by a Dushambe transmitter on 4965 as noted at 2226-2306 on April 1st in Indonesian. The site was confirmed by David Martin in Australia and the schedule

is 2130-2330. Listen for 2+1 time pips and then news at 2230. (Rich D'Angelo in NU / Hans Johnson in Jihad DX #27/DX Ontario World Radio Report)

Abkhaz Radio (broadcasting from Sukhumi, capital of the Abkhaz region of Georgia) was noted on 18th March with a broadcast on 9504.74 kHz that was intercepted in progress at 0512, closing at 0550. The broadcast, which was in Abkhaz, Russian and Georgian, announced a schedule as Tuesdays and Fridays at 1500 UTC, and Wednesdays and Saturdays at 0430 UTC on 222 meters mediumwave [1350 kHz] and 31 meters shortwave [9505 kHz]. Despite the announced sked, Abkhaz Radio was also heard on Sunday 19th, Monday 20th and Tuesday 21st March with broadcasts beginning at around 0430. Sign-on and sign-off times are subject to variation. (BBCM)

CLANDESTINE—AFRICA *Voice of the Tigray Revolution*, which broadcasts from Mekele, the capital of Tigray region in northern Ethiopia, is currently heard on 7515 kHz for its morning broadcast starting at 0400. It has also been heard on this frequency at around 1600. *Voice of the Tigray Revolution* is operated by the Tigray People's Liberation Front (a member of the ruling Ethiopian People's Revolutionary Democratic Front). (BBCM) The station has been heard in ECNA with IS on wind instrument at 0356, opening at 0400 with ID by a man. (BBCM via DXPL/DX Ontario World Radio Report)

CLANDESTINE—MIDEAST *Radio Message of Freedom* (Dari: Pyam-e Azadi) supports the Islamic Party (Hezb-e Eslami) of Afghanistan led by Golboddin Hekmatyar. *Radio Message of Freedom* was heard again on 28th March 1995 after an absence of six weeks. It had appeared to suspend transmissions following the capture of Hekmatyar's headquarters at Charasiab, near Kabul, on 13th February 1995.
0230-0330 Pashto/Dari 7090v 6145
0730-0830 Pashto/Dari 7090v 6145

(BBCM)

Voice of Independent Kurdistan, the radio station of the Kurdistan Workers' Party (PKK), has continued to be heard during the recent military operations against the PKK by Turkish forces in northern Iraq. Station observed at around 0900-1000 and 1400-1500 on a variable frequency around 7020-7030 kHz. Most programming is in Kurdish, although some material in Turkish is also carried. (BBCM)

Voice of Iranian Kurdistan in Kurdish on 4282 kHz at 1550. (03-Apr/Stanislav Mekhonoshin—Russia/Jihad DX)

Voice of Iraqi Kurdistan in Kurdish at 1615 on 4020 and 4183 kHz. (03Apr/Stanislav Mekhonoshin—Russia/Jihad DX). *Voice of Iraqi Kurdistan* has been confirmed as using new 5945 kHz.

Observed sked as follows (sign off times are variable):
0245-0430 4180 5945
0930-1100 4180
1445-1700 4180

(BBCM)

Voice of Mojahed in Farsi on 4250 kHz at 1620./5860, 4460. (03-Apr/Stanislav Mekhonoshin—Russia/Jihad DX). Another address for Vo Mojahed is: M.I.S.S., P.O. Box 572-45, Washington, DC 20037, USA. (Hans Johnson/Jihad DX)

Voice of the Communist Party of Iran in Farsi on 3888 kHz at 1700./6420. (03Apr/Stanislav Mekhonoshin—Russia/Jihad DX)

Voice of the People of Kurdistan in Arabic at 1610 on 4015 and 4097 kHz. (03Apr/Stanislav Mekhonoshin—Russia/Jihad DX)

Voice of the Struggle of Iranian Kurdistan in Kurdish on 4170 kHz at 1600. (03-Apr/Stanislav Mekhonoshin—Russia/Jihad DX)

Voice of the Worker (Persian: Seda-ye Kargar) is a left-wing radio station which broadcasts in opposition to the Iranian government and in support of the Iranian Revolutionary Workers' Organization. It was heard again in March 1995 after a lengthy absence.
1430-1515 Persian 4190v
1630-1715 Persian 4190v

(BBCM)

CLANDESTINE—OCEANIA *Radio Free Bougainville* is still on the air some days on 3850, albeit with very weak signals, even in Australia. It was noted 09 Mar in Pidgin at 0950 and still going with an impassioned speech at 1030. *Radio United Bougainville*, the government's counter-clandestine outlet, continues active on 3880 with relatively better signals. Usually only one station or the other seems to be on-air in a given local evening, although both signals were noted on Mar 23rd. (David Martin in OZDX-April/95/DX Ontario World Radio Report)

COLOMBIA Harmonic of *LV de Colina* on 3202.6v noted 06-April 1021-1034 with 2 IDs and mentions of onda media and "banda internacional de 90 metros"! The signal was in LSB with carrier. (06-April/Dave Valko)

Radio Catolica Nacional in San Carlos [not listed in '95 WRTH] had been inactive for about a month but was being heard again as from early April on 3579.7 with primarily Ecuadorian music until 0400v signoff. (Henrik Klemetz on DXPL/DX Ontario World Radio Report)

CZECH REPUBLIC *Radio Metropolis* operates [or, operated—AQ] in studios located in a tunnel. They were originally used by R. Prague during the 1968 Soviet invasion of that country. (A Cushen, DX Aus-

tralia 2-95) Station has been silent since mid-March, leading to speculation that it may vanish from the market. Marie Vojcikova, a representative of the Czech owner of Radio Metropolis denies reports about the station's imminent end, saying that negotiations are under way on a financial settlement. (BBCM)

Radio Prague to 23rd September:

0000-0027	English	7345 5930
0030-0057	Spanish	7345 5930
0100-0127	English	9405 7345
0130-0157	Czech	9405 7345
0200-0227	Spanish	9405 7345
0230-0257	Czech	7345 5930
0300-0327	English	7345 5930
0330-0357	English	9480
0500-0527	French	5930
0530-0557	German	5930
0600-0627	English	15640 7345
0730-0757	English	15640
0800-0827	Czech	15640
1000-1027	German	7345 6055
1030-1057	English	9505 7345
1100-1127	French	9505 7345
1130-1157	Spanish	11990 9505
1200-1227	German	7345 6055
1230-1257	Czech	15640 6055
1400-1427	Czech	13580 5930
1430-1457	French	5930
1500-1527	German	5930
1530-1557	Czech	17485 5930
1600-1627	English	17485 5930
1630-1657	French	15640 5930
1700-1727	English	15640 5930
1730-1757	Czech	15640 5930
1800-1827	Spanish	11640 5930
1830-1857	French	11640 5930
1900-1927	Spanish	11640 5930
1930-1957	French	11640 5930
2000-2027	English	11640 5930
2030-2057	Spanish	5930
2300-2327	Spanish	9405 7345
2330-2357	Czech	9405 7345

(BBCM)

DJIBOUTI The reportedly abandoned *Radio France International* relay proposal is not necessarily dead yet. RFI does not own the transmitters and antenna they utilize—the facilities are actually owned by TDF which is the "common carrier" for RFI and others. The word from TDF is that East Africa (Djibouti specifically) is still being looked at as a possible relay site. This source also confirms that the proposed RFI relay in Thailand will definitely proceed. (d'Avignon/WRR/Jihad)

ECUADOR *Radio Alianza*—somewhere in Imbabura province, we think—on new 5848.35v kHz (ex-5453.9) 1204 UTC Apr.9; IDs as "Radio Alianza, la estacion de America Latina." (Rich McVicar—HCJB/Jihad)

Status of Ecuadorian stations not now on the air:

- 3240 *Radio Antena Libre* in Esmeraldas is off for good.
- 3250 *La Voz del Triunfo*, Santo Domingo, is inactive, with future status uncertain.
- 3270 *Radio Ecos del Oriente*, Lago Agrio is inactive, awaiting parts.
- 3285 *La Voz del Rio Tarqui*, Cuenca, currently inactive.
- 3300 new *Radio Sucandios*, Lago Agrio, supposedly active but unheard.
- 3325 *Ondas Quevedenas*, Quevedo, claims to operate daily from 1000-1300 and 2200-0300, but in Quito, only Radio Maya in Guatemala is heard.
- 3350 *Radio Cumanda* hopes to back on by the end of May.
- 3380 *Radio Iris*, still listed, but off for years and no plans to return.
- 3395v *Radio Catolica*, Santo Domingo, hopes to return in May pending arrival of parts.
- 4750 *Radio Municipal*, Quito, awaits license approval for activation.
- 4780 *Radio Oriental*, Tena is off awaiting parts.
- 4800 *Radio Popular Independiente*, Cuenca, off due to electricity shortage, to return when situation improves
- 4830 new *Radio Buen Pastor* ("Good Shepherd Radio"), Saraguro, hoped to begin testing end of April 95.
- 4840 *Radio Interoceanica*, Santa Rosa de Quijos is off with transmitter problems.
- 4910 *Emissoras Gran Colombia*, Quito, reactivation imminent after relocation.
- 4970 *Radio Tarqui*, Quito, off with no plans to return to shortwave.
- 5030 *Radio Catolica Nacional*, Quito, has targeted repairs/return for April 95.

(01 and 08-April/Rich and Lisa McVicar/HCJB DX Partyline/Jerry Berg)

A verification letter from *Radio Stereo Carrizal* says this station on 3260 was formerly named *La Voz del Rio Carrizal*, although the text of the letter implies the station continues to be owned and operated by the same family. (Henry Lazarus in NU)

HCJB will run another AM DX test on 690 kHz, this time on 13 May from 0600-0630 UTC. The program will be bilingual (Spanish/English), have unique music and plenty of piercing code.

This time, they'll be using their 25 kW standby transmitter at Pifo. The address for reports is: 690 DX Test, c/o Frequency Management, HCJB, Casilla 17-17-691, Quito, Ecuador (direct)

HCJB is involved in establishing "suitcase radio stations" in Cali, Columbia and Malawi. A letter from Ron Cline, President of HCJB, doesn't state whether the stations will be shortwave or BCB, or when they'll begin broadcasting. (Marlin A. Field)

ERITREA *Voice of The Broad Masses of Eritrea* heard fair circa 0330 on 7020, //4000 being poor as on April 1st. (Don Moore in Jihad DX #27//) Presumably the alternate language program is still on 7380 and 5000 (David Clark/DX Ontario World Radio Report)

ETHIOPIA *Radio Ethiopia* sked:

1100-1200	Somali*	11800 9560
1200-1300	Somali	9560 7165
1300-1400	Afar	9560 7165
1400-1500	Arabic	9560 7165
1600-1700	English	9560 7165
1700-1800	French	9560 7165

* UNICEF-funded "Voice of Peace" program

The separate *Radio Ethiopia National Service* carries a broadcast in English on Mondays to Fridays at 1030-1100 on 9705, 7110 and 5990 kHz short-wave and on mediumwave. (BBCM)

Voice of Peace has a broadcast called "*Radio Amaharo*" at 0400-0459 on 9560. This is carried on an external service transmitter of the *Voice of Ethiopia*. The language is Kinyarwanda (national language of Rwanda) but there is an ID in English & French with an address in Brussels given at the opening and close of the transmission. (RVI DX pgm/DX Ontario World Radio Report)

JN-sponsored *Radio Fana* can be hear opening at 0327 on 9335 with IS, multiple ID's and news in a local language, followed by domestic music. It has been audible with good signals in ECNA beyond 0500. The listed //6210 is blocked by co-channel QRM. (Hans Johnson et al on TLC on HCJB/DX Ontario World Radio Report)

FINLAND *YLE's* ambitious planned expansion of satellite broadcasting will have a negative impact on its shortwave activities. According to the station, "It is likely that we would go from our present 900 transmitter hours per week to something like 600 or 550 hours a week. This is not a decisive cut-back and we will continue broadcasting to all areas, but some of the extra programming will be cut back; that we will mainly concentrate on news and current affairs and sports on shortwave, and religious programming—and general feature programming and music will not be available on shortwave any longer." (BBCM)

FRANCE *Radio France Internationale* sked from 7 May to 3 September:

0000-0030	French	3965 5945 9715 9790 9800 9805 11670 12025 15440
0000-0100	Portuguese	5920 9490 11995
0030-0100	French	3965 5945 9715 9790 9800 9805 11670 12025
0100-0200	French	3965 5945 9715 9790 15440

0100-0200	Spanish	5920 9800 11670 11995
0200-0300	French	3965 5920 5945 9715 9790 9800
0300-0400	French	3965 5945 5990 6045 6175 7135 7280 7315 9550 9790 9800 9805
0400-0500	French	3965 5920 5925 6045 7280 5990 (-0450) 9550 9745 9800 9805 11685
0400-0500	RFI+ Afrique	4890 6175 7135 9790 11700 11995
0450-0500	RFI+ Afrique	5990
0500-0600	French	6045 7280 7305 9745 9805 11685 11790 15485
0500-0600	RFI+ Afrique	3965 4890 6175 7135 9790 11700 11995 15155
0500-0600	Spanish	5920 9800
0600-0700	French	3965 6045 6175 7280 7305 9805 9845 11790 15485
0600-0700	RFI+ Afrique	7135 9790 11700 11995 15135 15155 17800
0700-0745	RFI+ Afrique	1965 6175 7135 7280 9805 9845 11670 11700 11790 15605
0700-0800	RFI+ Afrique	7135 11700 15135 15300 15315 17800
0745-0800	RFI+ Afrique	3965 6175 7135 7280 9805 9845 11670 11790 15605
0800-0900	French	3965 6175 9790 9805 11670 11700 11790 11845 15195 15300 15315 15605 17620 17800 (-0850) 17850
0900-1000	French	6175 9805 11670 11845 15155 15195 15300 15315 15605 17620 17795 17850
0930-1030	Mandarin	9650
1000-1030	French	6175 9805 11670 11845 15155 15195 15300 15315 15605 17620 17650 17795 17850 21620
1000-1030	Spanish	5920 9715 9790
1030-1100	French	9650 9715 9790 11670 11700 11715 15530 15605 17650
1030-1100	RFI+ Afrique	11845 15300 15315 17620 17795 17850 21620
1100-1130	French	9650 9715 9790 11670 11700 11715 11845 11890 15300 15315 15530 17620 17650 21620
1100-1200	Lao	12025

0130-0200	Tibetan	13750 11880
0130-0228	Nepalese	9550 7210 6045 3945
0200-0430	Urdu	9610 6155
0215-0300	Pashto	13700 9910 7225
0300-0345	Dari	13700 9910 7225
0315-0415	Hindi	17387 15180 15075
0400-0430	Persian	15050 13700 11730
0415-0430	Gujarati	17387 15075
0430-0530	Arabic	17785 15050 11730
0430-0530	Swahili	17387 15075
0700-0800	Nepalese	11740 11585 9610 7250
0830-1130	Urdu	11620 9675
0845-0945	Indonesian	17387 15050
1000-1100	English	17895 17387 15180 15050
1115-1200	Thai	17545 15365
1115-1215	Tamil	17865 15770 15075 13750
1145-1315	Chinese-std	17705 15050 11735
1215-1245	Telugu	15770 13750
1215-1315	Burmese	11715 10330
1215-1330	Tibetan	11585 9565 7412
1230-1500	Sindhi	11620 6165
1300-1500	Sinhala	15020 9700
1315-1530	Dari	9910 7140
1330-1430	Nepalese	11585 9685 7412 6045 4860 3945
1330-1500	English	15120 13732
1415-1530	Pashto	9910 7140
1430-1930	Urdu	6045 4860
1500-1600	Baluchi	11620 6165
1515-1600	Gujarati	15165 11585
1515-1615	Swahili	15075 9950
1530-1545	English*	11670 11585 9910 7412 7140
1615-1715	Russian	15140 11620
1615-1730	Hindi	15075 13732 9950 7412
1615-1730	Persian	11935 11730 11585 9910 7265
1730-1945	Arabic	13732 9910
1745-1945	English	15075 13750 11935 11620 9950 9650 7412
1945-2010	Hindi	11620 9950 7412
1945-2030	French	13732 9910
2045-2230	English	15225 11715 11620 9950 9910 7412
2245-0045	English	15145 13750 11745 9950 9705
2300-2400	Hindi	13700 11620 9910

* relay of domestic national news (BBCM)

In the past, AIR has also broadcast an additional Urdu service during the hajj (pilgrimage) season at 0530-0600 on 17785 and 15135 kHz.

Radio Kashmir, Srinagar, was first observed Mar 7th on 4950 (ex 3277) at 1530-1740 s/off. (Tsutomu Kito in ADXF, Ed. 162/DX Ontario World Radio Report)...we could use some further clarification on this one. I understood Radio Kashmir was to have swapped frequencies with *AIR Kohima*, thus using 3268 and 3277 respectively, and that it was *AIR*

Shimla that was intended to use 4950, either in addition to or in replacement of present 3223 kHz. (David Clark/DXO)

AIR Thiruparam-5010 is no longer operating during the 1100-1735 period. (Jose Jacob via AWR Wavescan #14 text via Harold Sellers/DX Ontario World Radio Report)

INDONESIA RRI Manado on 3214.8 was observed in late March closing at 1120v (ex-1215v). (Tsutomu Kito in ADXF, Ed. 167/DX Ontario World Radio Report)

RRI Bukittinggi was found to be inactive on 3231.9 since Mar 12 but then on reactivated 4910 from Mar 14 as noted 1500-1710 s/off. (Tsutomu Kito in ADXF, Ed. 165/DX Ontario World Radio Report)

3449v *RKPDT2 Bima* 1100 (Foster O2DX Jihad) Had seen reports of *RRI Bali* here. (HJ Jihad)

RRI Yogyakarta is again being observed on 5046.26 (//7098.5) but while the output power on 60 meters is nominally 20 kW, the signal is so weak that I presume they reduced its power output. (TIN in IDXR No.85, March/95/DX Ontario World Radio Report)

RRI Jakarta-9525 has been reactivated (//9680) since Feb 5th but this frequency is seemingly utilized only during local evenings; noted circa 1040 on Mar 8. (Tsutomu Kito in IDXR No. 85, March/95/DX Ontario World Radio Report)

IRAQ Shortwave broadcasts from official *Iraqi Radio* continue to be erratic. Frequency usage is highly changeable and the reliability of transmitters appears to be poor. Reception of shortwave broadcasts is further impaired by the persistent jamming that generally accompanies transmissions from Baghdad on both shortwave and mediumwave. The main domestic service in Arabic of Republic of Iraq in Baghdad has been heard recently during the daytime on the frequency of 17740 kHz. Recent reception [in Europe] has been surprisingly good at around 0600-0900, although it deteriorates later because of the jamming. Station closes around 1600. Iraqi Radio also noted on 13652 kHz at around 0900-1100 on 11th April, and also on 4615 kHz, which for some time has been its most regularly-heard shortwave frequency. (BBCM)

JAPAN Radio Japan through 23 September:

0000-0030	Japanese	17845 17810 11910 11850 11840 6180U 6155U
0030-0100	Japanese	6180U 6155U
0100-0200	English	17845 17810 11910 11900S 11860K 11840 9680 5960C
0200-0230	Bengali	11900S

0200-0300	Japanese	17810 15230 11950F 11910 11895F 11885 11860K 11840 9580 5960C	1200-1230 Hindi 11895S 1200-1230 Thai 11875 1200-1300 Japanese 15350 9610 7125 1230-1300 Burmese 11875 1230-1300 Urdu 11895S 1300-1330 Vietnamese 11875 1300-1400 Japanese 21490A 15400A 11705C 9535
0230-0300	Hindi	11900S	
0245-0315	Swahili	7190 7180G	1300-1400 Russian 9610 7125 1330-1430 Chinese 11875 1345-1415 Burmese 11885 1400-1500 English 11915 11895S 11705C 9610 9535
0300-0330	English	15230 11895F 11885	1400-1500 Korean 9750 7125 1500-1600 Chinese 9750 9610 7125 1500-1600 English 15355G 11955 11915 9535 1530-1600 French 17880A 15315A 15195S 1600-1630 Persian 15195S 1600-1700 Japanese 21700G 11955 11840 9580 9535 6150
0300-0330	Urdu	11900S	1700-1800 English 11930S 11840 9580 9535 6150
0300-0400	English	17810 11840 9680	1800-1900 Japanese 11930S 11850 11840 9580 9535 7140 6150
0300-0400	Korean	11955 11910	1900-2000 English 11850 9580 9535 7140 6150
0330-0400	Arabic	9515G	2000-2100 Japanese 11875 11850 9685 9580 9560 9535 7255U 7140 6165U 6150 6055
0330-0400	Spanish	15350F 15230 11950F 11895F 11885	2100-2400 Japanese 11875 11850 9685 9580 9560 7140 6165U 6055U
0400-0500	Chinese	11955 11910	2030-2100 Spanish 11865G 2100-2115 English 11915 9660 2100-2200 English 11865G 11850 9580 7140 6035K
0400-0500	Japanese	17820S 17810 11885 11840 9680 7230U 6110C 5960U	2115-2155 Chinese 11915 9660 2155-2215 Malay 11915 9660 2200-2300 Japanese 11875 9580 9560 7140 2215-2235 Thai 11915 9660 2235-2255 Burmese 11915 9660 2255-2315 Vietnamese 11915 9660 2300-2400 English 11850 9580 7140 6155U 5965U
0400-0500	Russian	11760 11715	2315-2400 Indonesian 11915 9660
0430-0530	Chinese	15120 11815	Relay stations: Moyabi, Gabon (G); Sackville, Canada (C); Montsinery, French Guiana (F); Kranji, Singapore (K); Ekala, Sri Lanka (S); Skelton and Woofferton, United Kingdom (U); and Ascension Island (A). (BBCM)
0430-0530	Russian	11785G	
0500-0600	English	17810 11955 11885 11740K 9680 7230U 6110C 5975U	LAOS 7153.8 <i>Luang Prabang</i> presumed back here, ex 6970.2. 1203. (Vitek OZDX Jihad)
0530-0545	Swedish	11785G 11760	
0545-0600	Italian	11785G 11760	
0600-0630	Arabic	17820S	
0600-0630	German	11785G 11760	
0600-0700	English	17810 11955	
0600-0700	Japanese	21610 11885 11860 11850 11740K 9680 7230U 5975U	
0630-0700	French	11785G 11760	
0700-0800	English	21610 17815A 17810 15335G 11955 11850 11850 11740K 7230U 5975U	
0745-0800	Russian	6165 6145	
0800-0900	Japanese	17815A 21610 17810 17760G 15335G 15190 15135A 11850 11740K 9750 9685 9610 6070F	
0900-0930	Portuguese	9685 9530F	
0900-0930	Thai	11740K	
0900-1000	English	15190 11850 9610	
0900-1400	Japanese	11815 9750	
0915-1015	Indonesian	21610 17810	
0930-1000	Spanish	9685 9530F	
0930-1000	Vietnamese	11740K	
0950-1000	Japanese	11895F 6120	
1000-1030	German	11710U 9600U	
1000-1100	Japanese	15190 11895F 11850 11785G 9610 612C	
1030-1100	French	9600U	
1030-1130	Indonesian	11875	
1030-1130	Korean	6190	
1100-1115	Swedish	17780G	
1100-1200	English	15350 9610 6120	
1100-1200	Russian	11710U 9600U	
1115-1130	Italian	17780G	
1130-1200	Bengali	11895S	
1130-1200	German	17780G	
1130-1200	Malay	11875	
1130-1230	Chinese	6190	

MAURITANIA *Mauritanian Radio and Television* (ORTM), schedule has been compiled entirely from monitoring observations. Broadcasts are in Poular, Soninke and Wolof, as well as Arabic and French. Shortwave frequency usage is subject to variation. The following alternative shortwave frequencies have been used in the past: 7245 instead of 9610 kHz, and 4920 or 4820 instead of 4845 kHz.

0000-0100	Arabic	4845
0630-0800	Arabic/French	4845
1200-1600	Arabic/French	9610 (unconfirmed)
1800-2400	Arabic/French	4845

(BBCM)

MEXICO *Radio Huayacocotla*, 2390 kHz, was closed down on 29 March by inspectors from Mexico's Secretariat for Communications and Transport. In their report, SCT technicians attributed exaggerated faults in the antenna and transmitter (for example, that the antenna was not properly painted, that it had one restraining cable too many, that there was a spare backup transmitter on the premises) and warned that these failures represented a danger to life and limb of the operators. They also reported that there was no evidence of some measuring instruments like an oscilloscope, audio frequency generator, a multimeter, and a wattmeter. On the 27th of March, the Provincial of the Jesuits, Jose Morales, asked for an interview with the Department of the Interior to discuss the closure of the Radio. He has yet to receive an answer. Although R. Huayacocotla applied for an AM frequency back in 1978 (tentatively 1350 kHz, call-sign XEHAY), the license still awaits approval from the Department of the Interior. (DEVMEDIA list/18-April/Don Moore) [The reality is more likely that the station was closed by Mexico's one-party government as part of a broader effort to silence indignant (i.e. potentially dissident) voices.—AQ]

MOZAMBIQUE According to a broadcast by *Radio Mozambique*, "A total of 11 of the 20 Radio Mozambique transmitters at the Matola transmitting station have broken down. Only nine transmitters are functioning now with a total output of 222 kW. The broken transmitters represent a total output of 575 kW, more than double the output of operational transmitters. The transmitters have been experiencing constant breakdowns of valves and other components. Radio Mozambique has had financial difficulties in repairing them." (BBCM)

MYANMAR A Japanese DXer reports a verification from the *Defense Forces Broadcasting Station* at Taunggyi, confirming 10 kW into an inverted cone antenna on 6570 kHz. Although listed as 1 kW since 1985, the fact that the station has been widely heard at good strength made it apparent that the transmitter must have been more powerful than a mere 1 kW. (DSWCI Mar/95 via TLC on HCJB/DX Ontario World Radio Report)

NAMIBIA *NBC* is heard opening at 0600 s/on on 4965 with choral anthem, IS/ID and African radio news. Weekdays the pgme is in English while on the weekends a local African language is used. The channel is subject to RTTY interference. (TLC on HCJB/DX Ontario World Radio Report)

NEPAL To mark the 45th anniversary [of the station], *Radio Nepal* has added an English news bulletin at 0720 UTC. Similarly, a new English language program, "*Destination Nepal*", is scheduled to be broadcast three times a week on Sunday, Monday and Friday at (?8.50) in the morning, aimed at promoting tourism development in Nepal. There have also been some changes in the timings of regular programs and some news bulletins. (BBCM) [No further details provided—AQ]

NETHERLANDS *Radio Netherlands* sked to 24 September:

0030-0125	English	11655A 9860D 9840B 7305A 6165B 6020F 5905D
0030-0125	Spanish	15315B 9895F
0130-0225	Dutch	15315B 9885F 6165B 6020F
0130-0225	English	11655A 9890M 9860D/M 7305A 5905D
0230-0325	English	11655M 9890M 9860D
0230-0425	Spanish	9590B 6165B 6020F
0330-0425	Dutch	11655M 7310M
0430-0525	English	9590B 6165B
0530-0625	Dutch	9715B 6165B
0530-0630	Dutch1	11655F 9895F 7395K 7130F 5945F
0630-0725	Dutch	9720B 9615B
0630-0730	Dutch	11935F 9895F 7395K 7130F 5955F
0730-0825	English	11895B 9720B 9700B
0730-0830	Dutch	11935F 9895F 7130F 5955F 9720B
0830-0930	English	9720B
0830-0955	Dutch	11935F
0830-0955	Dutch2	11935F 9590F Sa only
0830-1725	Dutch	9895F 5955F
0900-0955	Dutch-Carib	6020B
0930-1025	English	13705I 12065P 9720B
1000-1155	Dutch	13700F
1030-1125	Dutch	21480M 17580M 9820B 9720B
1030-1125	English	13705I 12065P
1130-1155	Spanish	9715B 6020B
1130-1325	English	9650N 6045J
1130-1325	Indonesian	17655T 13705M 12065P 12005M
1200-1225	Spanish	9715B 6020B
1200-1555	Dutch3	13700F 9895F 5955F
1330-1425	Dutch	15530F 12065P 7260P
1330-1425	English	15150M 13700F 9890M
1430-1525	Dutch	7400T 7365A
1500-1725	Dutch	13700F 9895F 7310K
1630-1725	Dutch	11655M 6020M

1630-1725	Dutch4	17605B 15120B Su only
1730-1825	Dutch	21590B 17605B 15560F 13700F 9860F
1730-1825	English	11655F 7120M 6020M
1830-1925	English	17605B 15315B 13700F 11655F 9895F 9860F 7120M 6020M 6020F 1386K
1930-2025	Dutch	17605B 15315B 11655F
1930-2025	English	7305M 7120M 9895F 9860F
2030-2125	Dutch	17605B 15315B 7120M 6020F 6015M
2030-2125	Dutch4	7120M 6015M
2030-2125	English	11655F 9895F 9860F
2130-2225	Dutch	15315B 15155B 13700F 9895F 6020F
2130-2225	Dutch-Carib	11950F
2130-2325	Indonesian	9590M 7285M 5905T 4965D
2230-2325	Spanish	15315B 11715F 11680B 9895F
2330-0025	Dutch	13695I 9590M 7285M
2330-0025	English	9840B 6165B 5020F
2330-0025	Spanish	15315B 11715F 9895F

Programs: 1=Network Europe, 2=for Dutch forces with UN in Bosnia-Herzegovina, 3=Tour de France, 4=church service

Transmitters: A=Alma-Ata (Kazakhstan), B=Bonaire, D= Dushanbe (Tajikistan), F=Flevo (Netherlands), I=Irkutsk (Russia), J=Juelich (Germany), K=Kalinin-grad (Russia), M=Madagascar, N= Nauen (Germany), P=Petropavlovsk-Kamchatskiy (Russia), T=Tashkent (Uzbekistan) (BBCM)

NEW ZEALAND *Radio New Zealand International* sked from 06 May-30 September:

0459-0716	9570 Mo-Fr
0459-0758	9570 Sa-Su
0717-1206	6100 Mo-Fr
0759-1206	6100 Sa-Su
1207-1649	6100 occasional use for sporting events
1650-1849	6145 Mo-Fr
1850-2050	11910 Su-Fr
1850-2058	11910 Fr-Sa
2051-0458	15115 Su-Th
2059-0458	15115 Fr-Sa

(Direct via Adrian Sainsbury, Frequency Manager)

NORTHERN MARIANA ISLANDS Ed Evans, senior station manager at *WSHB*, states on the Internet that there is a 6-transmitter shortwave broadcast station facility under construction on the island of Tinian which is meant to be for the U.S.-sponsored *Radio Free Asia*. (TLC on HCJB/DX Ontario World Radio Report)...see also U.S.A.

PAPUA NEW GUINEA *R. West Sepik* has been reactivated. It was heard on its usual frequency of

3205 at around 1105 with a relay of the national *NBC* news from Port Moresby. (D'Angelo 3-31, NU #1318)

Status of the PNG's: 3205 (inactive during March, or at least to Mar 31) was noted on April 1st at 1030 with good signals, but 3275, 3290, 3325 and 3335 have been off-air for a little while now. 3245 has been slightly irregular, while 3305 was noted back for two weeks earlier in March but is currently off. 3365, however, is in fact active. Rabaul on 3385 is not listed in the '95 WRTH, even though it was reactivated after only a couple of weeks off-air due to the volcanic eruptions last fall. (David Martin in OZDX-April/95/DX Ontario World Radio Report)

PERU After a lengthy absence, *Radio Jerusalem* in the Cajamarca region is active again on 3194.6 with gospel programs in Spanish but signals are weak, even in Colombia. (Henrik Klemetz on DXPL/DX Ontario World Radio Report)

LV de Oxapampa, 3260, has been reactivated, don't confuse with the Ecuadorian *LV del Rio Carrizal* which operates on the same frequency. (TIN-Wavescan via Jihad DX #26) Try before 1100 when Carrizal signs on. (H. Johnson, Jihad DX #26)

Radio Soledad in Parcoy had been on 4632 kHz since early January but recently the signal has shifted to 4613v as noted since April 5. S/on with the national anthem is at 1020. (Henrik Klemetz on DXPL/DX Ontario World Radio Report)

Radio Ondas del Sur Oriente, Quillabamba (5068.5) heard beyond its schedule, until 0230 on 12-March. (Anker Petersen—DSWCI)

Radio Imperial, 6544.5, is the name of the new OA station reported by Hans Johnson. The address is: Calle De Ayabaca 339-341, Huancabamba, Peru. (H. Klemetz, Play DX #830). Heard here around 2345 with fair signals on 3-27. (Lobdel).

R. Nor Peruana, 9660, is still on the air. Noted on 18th February around 1500 with a poor signal. (Klemetz, PlayDX #834).

PHILIPPINES The 0200 English broadcast from *Radio Philipinas* is now on a new frequency of 13760. (RNMN/DX Ontario World Radio Report)

SLOVAKIA *Radio Slovakia International* sked valid until 24th September:

0100-0127	English	9440 7300 5930
0130-0157	Slovak	9440 7300 5930
0200-0227	French	9440 7300 5930
0830-0857	English	17485 15640 11990
0900-0927	Slovak	17485 15640 11990
1300-1327	Russian	13715 11990 9440
1330-1357	German	9440 7345 6055
1600-1627	French	9485 6055 5915
1630-1727	Slovak	9485 6055 5915
1730-1757	Russian	9440 7345 5915

1800-1827	German	7345 6055 5915
1830-1857	English	7345 6055 5915
1900-1927	Slovak	7345 6055 5915
1930-1957	French	7345 6055 5915

(BBCM)

SOUTH KOREA *Radio Korea International* sked:

0100-0200	English	15575 11810
0100-0200	Korean	7275
0200-0300	Russian	7275
0200-0300	Spanish	15575 11810
0300-0400	Korean	15575 11810 7275
0600-0700	English	7205
0600-0700	French	15575 7550
0700-0800	German	7550
0700-0800	Korean	15575 9510U 7205
0800-0900	English	13670 7550
0800-0900	Japanese	7275 7205
0900-1100	Korean	13670 9570 7275
1000-1030	Spanish	11715S
1000-1100	Korean	6135 5975 1170
1000-1100	Spanish	9580 7550
1030-1100	English	11715S
1100-1130	Korean	9650S 9640 9580 6145S
1100-1200	Russian	7275 6135 5975 1170
1130-1230	Chinese	9640
1130-1230	Indonesian	13670 9570
1200-1300	English	7180
1200-1300	Japanese	7275 6135 5975 1170
1230-1300	English	13670 9640 9570
1300-1400	Chinese	7180 6135 5975 1170
1300-1400	Korean	13670 9640 9570
1400-1500	Indonesian	13670 9570
1400-1500	Japanese	9640 5975
1600-1700	English	9870 9515 6480 5975
1600-1700	Japanese	891
1600-1700	Russian	15575 7275
1700-1800	Arabic	9870 9515 7275 6480
1700-1900	Korean	15575 7550 5975
1800-1900	French	9870 6480
1800-1900	Russian	7275
1800-1900	Spanish	9515
1900-2000	Arabic	15575 9870 9515 7550
1900-2000	English	7275 6480 5975
1900-2000	Russian	9715U
2000-2100	French	5965U
2000-2100	German	7550
2000-2100	Russian	7275 5975
2000-2100	Spanish	15575 9870 6480
2100-2200	English	15575 6480
2100-2200	German	5965U
2100-2200	Korean	9640 7275 5975
2200-0400	Korean	9580
2200-2230	English	5965U
2200-2300	Chinese	9640 7275 5975
2200-2300	Spanish	6480
2300-0000	Indonesian	9640 7275
2300-0100	Korean	5975

S=via Sackville, Canada; U=via Skelton, UK (BBCM)

SPAIN *Radio Exterior de España* noted on new 7450 kHz in Spanish at 0545 UTC, continuing past 0600. Likely from their relay station in Cariari, Costa Rica. Broadcasts in French to Europe are now Mondays to Fridays only. For Africa there are no changes, French is on the whole week. (18-April/Herman Boel—Belgium/SW Echo)

SWITZERLAND *Swiss Radio International* sked valid until 23rd September:

0030-0100	German	9905F 9885 6135 5885B
0100-0130	English	9905F 9885 6135 5885B
0130-0200	Spanish	9905F 9885 6135 5885B
0200-0230	French	9905F 9885 6135 5885B
0230-0300	Spanish	9905F 9885 6135 5885B
0300-0315	Italian	9905F 9885 6135 5885B
0330-0400	German	9905F 9885 6135
0400-0430	English	9905F 9885 6135
0400-0445	French	9535 6165
0430-0500	English	9905F
0430-0500	French	9905F 9885 6135
0445-0500	Italian	9535 6165
0500-0515	English	9535 6165
0500-0530	Italian	9905F 9885 6135
0515-0530	German	9535 6165
0530-0545	French	9535 6165
0545-0600	Italian	9535 6165
0600-0630	English	15340 13635 9885 9535 6165
0630-0700	French	15340 13635 9885 9535 6165
0700-0730	Italian	15340 13635 9885
0700-1000	French	6165
0730-0800	German	15340 13635 9885
0830-0900	Italian	17515 13685 9885F
0900-0930	English	17515 13685 9885F
0930-1000	French	17515 13685 9885F
1000-1030	English	9535 6165
1000-1030	German	17515 13685 9885F
1030-1045	Portuguese	17515 13685 9885F
1030-1100	German	9535 6165
1100-1130	English	17515 15545 13635 9535 6165
1130-1200	French	17515 15545 13635 9535 6165
1200-1230	German	17515 15545 13635
1200-1230	Italian	9535 6165
1230-1245	Italian	17515 15545 13635
1230-1300	English	9535 6165
1300-1330	English	15545 13635 7480C 7230C 6165
1300-1400	Italian	15545 13635 7480C 7230C 6165
1330-1400	French	15545 13635 7480C 7230C 6165
1400-1430	Italian	15545 13635 7480C 7230C 6165
1430-1445	German	15545 13635 7480C 7230C 6165
1430-1500	Italian	6165
1500-1530	English	15545 13635 12075
1500-1730	German	6165
1530-1600	French	15545 13635 12075
1600-1630	German	15545 13635 12075
1630-1645	Italian	15545 13635 12075

1700-1730	English	13635	12075	9885	9905
1730-1800	German	13635	12075	9905	9885
		6165			
1800-1830	Italian	13635	12075	9905	9885
		6165			
1830-1845	French	13635	12075	9905	9885
		6165			
1845-1900	French	6165			
1900-1930	English	6165			
1900-1945	Arabic	13635	9905	9885	
1930-1950	Romansch	6165			
2000-2030	English	13635	11640	9885	9770F
2030-2100	French	13635	11640	9885	9770F
2100-2130	Italian	13635	11640	9885	
2130-2200	German	13635	11640	9885	
2215-2230	French	11650F	9905	9885	
2230-2300	German	11650F	9905	9885	
2300-2330	Italian	11650F	9905	9885	
2330-2400	Spanish	11650F	9905	9885	

(BBCM)

Red Cross Broadcasting Service transmits to Europe on the following Sundays: 28th May, 26th June, 30th July and 27th August.

0700-0730	English	6165
0730-0750	German	6165
0750-0810	Spanish	6165
0810-0830	Portuguese	6165
0830-0900	French	6165
1300-1330	English	6165
1330-1350	German	6165
1350-1410	Spanish	6165
1410-1430	Portuguese	6165
1430-1500	French	6165

(BBCM)

According to a QSL received from UN HQ in Geneva, **United Nations Radio** is conducting test broadcasts since early November. These tests are continuing and you may be able to pick them up at 0600 and 1800 UTC on 10461 kHz as well as at 1200 UTC on 17520 kHz. QSL via United Nations, Palais des Nations, Bureau, 1211 Geneva 10, Switzerland. (20-April/Max van Arnhem—Netherlands/SW Echo)

SOUTH AFRICA Channel Africa sked through 23 September:

0300-0400	French	6120	5965
0300-0400	Swahili	6000	Mo-Fr
0300-0500	English	5955	3220
0300-0500	French	6120	
0330-0430	Chinyanja	3955	Mo-Fr
0400-0500	Portuguese	5965	3345
0500-0600	English	9695	5955
0500-0600	French	9520	
0500-0600	Portuguese	7270	
0900-1000	Tsonga	5955	Sa/Su
1100-1130	Portuguese	11900	5955 Mo-Fr
1130-1200	Portuguese	11900	Mo-Fr
1400-1700	Swahili	9520	
1500-1800	Chinyanja	4945	

1500-1800	English	7240	3220
1500-1800	Lozi	3955	
1600-1700	English	9695	
1800-2000	French	7225	
1900-2000	Portuguese	3345	
2000-2100	Portuguese	7225	

(BBCM)

Channel Africa was heard April 2nd on the apparently new frequency of 3220, mixing with HCJB; noted from 0257 with IS, then ID in English. (Hans Johnson in Jihad DX #27/DX Ontario World Radio Report)

The **BBC Myertown** relay has moved from 3395 to 3390 kHz and is now operating at times which make it audible in North America. It was heard April 1st at 2230-2315 with World Service pgme in English (possibly first day for this service) and later at 0415-0435 (April 2-UT) in Portuguese. Site confirmed by Dave Kenny of BBCM. (Rich D'Angelo in NU/DX Ontario World Radio Report)

SWAZILAND TWR, Manzini, has an English Bible course at 0400-0425 Mon-Fri on 9500. Could it be that the transmitter for this program is from SABC, Meyerton, South Africa? (Arthur Cushen's Shortwave Review/DX Ontario World Radio Report)

THAILAND Radio Thailand external sked:

0000-0030	English	9580
0030-0100	English	11905
0100-0200	Thai	11905
0300-0330	English	11890
0330-0430	Thai	11890
1100-1115	Vietnamese	7285
1115-1130	Khmer	7285
1130-1145	Burmese	6040
1145-1200	Burmese	6040
1200-1215	BahasaMalaysia	11805
1215-1230	BahasaIndon.	11805
1300-1315	Japanese	7145
1315-1330	Mandarin	7105
1330-1400	Thai	7105
1800-1900	Thai	11855
1900-2000	English	9555
2000-2015	German	9555
2015-2030	French	9555
2030-2045	English	9555
2045-2115	Thai	9555

(18-April/Gerard Dony, Belgique Radio-Loisirs Club/Sebastien Barbusca—Belgium/SW Echo)

A **Radio France International** spokesman advises that the government confirmed approval of the proposed relay site in Thailand last September and that the facility is expected to come on the air in 1997 or 1998. (RNMN/DX Ontario World Radio Report)

USA KNLS—The New Life Station, sked until 24th September 1995:

0800-0900	English	9615
0900-1000	Russian	9615
1000-1100	Chinese	9615
1100-1200	Russian	6150
1200-1300	Chinese	7365
1300-1400	English	7365
1400-1500	Chinese	9615
1500-1600	Chinese	7355
1600-1700	Chinese	7355
1700-1800	Russian	9615

(BBCM)

WEWN—Eternal Word Network

0000-0100	English	7425
0000-0100	Romanian	5825
0000-0100	Spanish	15375
0100-0200	English	15375 7425 5825
0200-0300	English	7425 5825
0200-0300	Spanish	15375
0300-0400	English	7425
0300-0400	Russian	5825
0300-0500	Spanish	11715
0400-0500	Belarussian	5825
0400-0500	English	6000
0500-0600	Czech/Slovak	5825
0500-0600	Spanish	11715 6000
0600-0700	Dutch	5825
0600-0800	English	6000
0600-0800	Spanish	6000
0700-0800	Polish	5825
0800-0900	English	7425 5965
0800-0900	Hungarian	5825
0900-1000	Albanian	5825
0900-1000	English	7425
0900-1000	Spanish	5965
1000-1100	Portuguese	5965
1000-1100	Spanish	7425
1000-1100	Ukrainian	15695
1100-1200	Bulgarian	15695
1100-1200	English	6000
1100-1200	Spanish	9540
1200-1400	Mass(EE/Latin)	15695 9540 6000
1400-1500	Lithuanian	15695
1400-1600	Spanish	15375
1400-2000	English	6000
1500-1600	Arabic	13695
1600-1700	Spanish	15375 13695
1700-1800	German	13695
1700-1900	Spanish	15375
1800-1900	French	13695
2000-2100	Serb/Croat	13695
2000-2200	English	15375 7425
2100-2200	Italian	13695
2200-2300	English	11820 7425
2200-2300	Portuguese	15375
2300-0000	German	11820
2300-2400	English	15375 7425

(BBCM)

URUGUAY 6045 *Radio Libertad Sport* carrier at 0950, by 0958 faded up to all rapid fire talk with plenty of jingles and ads for Coke, etc. Maybe listed Intergracion is just carrying their news. (HJ 4/8+ Jihad)

VATICAN CITY Contrary to previous indications that all *Vatican Radio* transmissions were originating from the main transmitter site at Santa Maria de Geleria which is on Italian territory, the summer '95 engineering schedule indicates that some transmissions are actually from the facilities within Vatican City, including 4010 (10 kW) and 6245 (80 kW). (Andy Sennitt on RNMN/DX Ontario World Radio Report)

VIETNAM The *Voice of Vietnam's* recently inaugurated service to North America is now on new 7360 at 0400-0600 in English and on 9520 kHz at 0600-0700 in Spanish. The transmissions reportedly originate from a hi-power relay transmitter near Krasnodar, European Russia. (Andy Sennitt on RNMN/DX Ontario World Radio Report)

More changes for the elusive Vietnamese Regionals (per Tsutomu Kito in ADXF, Ed. 162 & 167/David Vitek in OZDZ-April/95/DX Ontario World Radio Report):

Son La B.S. now on 5078 (first noted Mar 19) and on regular channel of 6329, both heard to 1400 s/off

Lai Chau B.S. reactivated on 5597 since Mar 10; also on 6705 (drifted from 6702) since early March.

Yen Bai B.S. presumed the one now on 6398v (drifted from 6390v); heard from 1150 to 1200 s/off, just slightly below the North Korean which has also drifted below nominal 6400

Cao Bang B.S. noted on 6545.3 on Mar 6 with mix of ethnic musical styles to s/off at 1355 after short anmt

Unidentified outlet [low power regional?] is being heard on 4661v with local program to 1100, then relaying Hanoi as above at 1100-1600 close. (Kito Asian DXer's Forum via DMC's WRR Jihad)

ZAMBIA Letter from *Christian Voice* gives sked as 1300-1500 on 6065, 1500-2030 on 4965. 7250 may be activated later this year. (Jerry Berg/12-Apr/Fine Tuning)

UNIDENTIFIED 6109.2v 0925+ Someone in Spanish here just below 6110 stations (HCJB). All talk with multiple announcers, no music, good modulation but a bit close to get much out of it. (HJ all this week Jihad)

6306.04 Spanish station ID @1107 on 12-March as "*Radio Ariete, La Vez del Tigre,*" mentioning Dept. de Antioquia (Columbia). Slogan: "*Libre y democratica.*" Possibly a clandestine. (Anker Petersen—DSW-CI)

VENEZUELAN QSLs ANYONE? DXer Antonio J. Contin says he can help obtain QSLs from the following stations: *R. Frontera*, *R. Mara*, *R. Maracaibo*, *R. Turismo* and *R. Valera*. He requests in return US\$2.00 and would like any extra Latin American pennants and stickers you might have. His address is: Calle Los Lirios #1219, Urbanización Miraflores 4013, Cabimas, Estado Zuila, Venezuela. (PlayDX #830)

PIRATES—EUROPE The Irish religious "station" *Reflections Europe* was active on Sunday, March 26th. They use the Radio Fax transmitter and operate on 3910, 6295 and 12255 kHz. North American DXers should check the later frequency on weekends for possible reception. (SRS News-Sweden #13-95)

Dublin Community Radio (formerly Radio Dublin Int'l on 6910v) is currently heard on 6915.34 at 0200+ with pop music and definite ID's but the signal is weak in ECNA. (Nick Grace via TLC on HCJB/DX Ontario World Radio Report)

Wreckin' Radio International, 12285, noted at 0950 to 1010* sign off with a brief test. Keep an ear on both this frequency and the nominal 12265 during the 0800-1200 Sunday Europirate Period. Their address is: WRI, 51 Eastwood Blvd., West Cliff-on-Sea, Essex SSO 0BY, England. (Campbell 4-2; NU #1318).

Radio Pirana International will test to North America before the operator, Jorge Garcia, moves to South America. Listen on 7 May, 2000-2200 on 13950 khz. The first hour is beamed to North America, the second hour to South America. (SRS News, Sweden)

Popular Europirate frequencies of late include 3897-3945, 6199-6400, 6915-6970, 7125, 7294L, 7445U and 12255 kHz. (SRS News)

ERRATA Last months *LN* had a couple of errors: COLOMBIA: The address for *R. Catolica Nacional* is listed after *R. Cocorna*. This is incorrect. PERU: Three Ecuadorians made the OA listing by mistake: *LV de Triunfo*, *Estereo Carrizal*, and *LV del Napo*. [So sue me.—AQ]

OH BOY Five radio ministries joined forces and obtained 58 radio towers and antennas from a decommissioned U.S. Naval transmitting site in Virginia. A local company volunteered their expertise at dismantling the towers, and manpower was provided by 75 volunteers from across the country. Other organizations provided food, finances and transportation. Because of the volunteer effort, the cost of the equipment was 90 percent less than if purchased new. The towers will be used by Christian broadcasters in a variety of locations such as Alaska, Puerto Rico and Africa. (Marlin A. Field/Church Around The World, April 1995)

CLF



The 1995 Edition of
The Shortwave RadioGuide

Compiled and Edited by
 John A. Figliozzi



With **completely updated** and comprehensive listings for thousands of programs broadcast in English to North America and the World on shortwave radio.

The 1995 edition again has been improved through the addition of columns classifying programs by type and now including frequencies for each program!

These improvements come to you, once again, at **no increase in price** over the 1994 edition.

Watch later this year for the new '95 SWRG Supplement with amended English language program and frequency listings, as well as listings for non-English language "world" services!

Electronic version now in ASCII format on IBM-compatible 3-1/2 or 5-1/4-inch diskette.

The SWRG is available worldwide only through its co-publishers and exclusive sales agents in the USA and Canada:

NASWA Company Store
 705 Gregory Drive, Horsham, PA 19044 USA
 US\$16.00 postpaid in USA
 US\$20.00 postpaid overseas

ODXA Mail Order
 P.O. Box 161, Station A
 Willowdale, ON M2N 5S8 Canada
 C\$21.67 postpaid incl. GST in OU and ON (ON add PST)
 C\$23.27 postpaid incl. GST in rest of Canada
 C\$23.00 postpaid to USA
 C\$24.00 postpaid overseas

QSL Reports



Sam Barto
47 Prospect Place
Bristol, CT 06010



KIWI RADIO

Free Radio for the South Pacific
PO BOX 3103
DUNEDIN • NAPIER
NEW ZEALAND
NUCLEAR-FREE

f/d ltr. in 51 ds. for \$1.00. v/s Nicola Nicholls, Transmitter Engineer. (Shepard-CT). f/d ltr. in 104 ds. for \$1.00. (Dacus). VOA 15225 f/d cd. in 2 wks. (Dybka-TN).

ASIATIC RUSSIA: AMR - Novosibirsk 9895 f/d cd. w/ calendar and sticker in 3 mo. (Barto-CT). Radio Nederlands 9810 via Irkutsk f/d "Happy Station Team" cd. in 1 mo. (Anderson-MI). Voice of Russia 12015 via Chita f/d "Friendship Fountain" cd. w/ personal ltr. in 41 ds. (D'Angelo-PA).

AUSTRALIA: Australian Defence Forces Radio 8743 via North West Cape f/d personal ltr. w/ prepared cd. in 2 mo. for 2 IRCs. v/s Hugh McKenzie, Manager. (Sgrulletta-NY). Radio Australia 9510 via Carnarvon f/d cd. w/ calendar in 33 ds. for 3 IRCs. (Dybka-TN).

AUSTRIA: Radio Austria International 9870 f/d cd. in 47 ds. (Humenyk-ONT). 6155 f/d cd. w/ schedule in 1 mo. (Placanica-IT).

BONAIRE: Radio Nederland 5995 f/d "Solar Eclipse" cd. in 1 mo. w/ sticker. (Sgrulletta). same in 45 ds. (Buer-FL). 11730 f/d cd. in 1 mo. (Placanica-IT).

BRASIL: Radio Bras 15265 f/d cd. in 150 ds. (Placanica). 15440 f/d cd. w/ sticker and sked. in 70 ds. (Shepard).

* Radio IPB 4895 p/d ltr. in 28 ds. for a PT rpt. and \$1.00. v/s Agenor Patrocínio S. (Paszkiewicz). Radio Record ZYR951 9505 sked., decal, personal ltr. in 2 mo. for a PT rpt. v/s Mario Luiz Catto, Director-Geral. (Barto-CT). Radio Cabocla 4845 f/d cd. in 1 mo. for a PT rpt. v/s Eudson Monteiro Lima. (Field-MI). Radio Integracao 4765 f/d handwritten ltr. in 3 mo. on my 2nd try for a PT rpt. (Field-MI).

CANADA: RCI - CFN 9755 f/d cd. w/ pennant, sticker and info. sheet in 2 wks. for 1 IRC. (Dybka-TN).

CHINA, PEOPLES REP. OF: Jianqxi PBS 5021 f/d "Mural" cd. w/ site, decal and sked. in 32 ds. (Kusalik-ALB). China Radio International 9710 f/d cd. w/ sked. w/ paper cuts in 69 ds. (Levison-PA).



WTWP



Certificado de Sintonía

Esta tarjeta sirve para comprobar que



Radioemisora: RADIO SATELITE

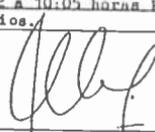
Frecuencia: 6725 KHz.

Fecha: 26 de Noviembre de 1994.

Hora: desde las 9:32 a 10:05 horas Porú.

Potencia: 300 vatios.





Firma y sellar



VOICE OF NIGERIA
... the authoritative choice

COLOMBIA: Radio Nacional ... Paszkiewicz says that rpts. to Apartado Aereo 94321 may come back as undeliverable.

CROATIA: Hrvatska Radio 5920 and 5895 f/d "Austrian DX Club Contest" cds. in 368 ds. for a rpt. to ADXP.(Washburn-ME). 13640 f/d cd. w/ ltr. in 2 mo. for \$1.00.(Anderson-MI) 5895 f/d ltr. in 1 yr. for a taped rpt. and \$1.00. (Pasquale-PA). (IL).

CUBA: Radio Habana Cuba 11720 f/d cd. in 79 ds.(Brown-CZECH REP: **Radio Prague** 7345 f/d "Storks" cd. w/ sked. in 23 ds.(Washburn-ME).

ECUADOR: HCJB 9745 f/d "Conversation" cd. in 20 ds.(Washburn-ME). n/d form ltr. with HCJB filled in from the Salvation Army in Atlanta, GA.(Field-MI). 6205 f/d cd. in 45 ds.(Placanica-IT). **Radio Federacion** 4960 p/d ltr. in 5 mo. for a SP rpt. and ms. v/s Manuel J. vinza Chacucuy, Director.(Rausch-NJ).

* **Radio Oriental** 4780 f/d green cd. w/ native dance photo and a personal ltr. in 6 wks. after a f/up rpt. in SP. v/s Enrique Espin Espinoza. **ENGLAND: Radio Korea International** 7250 via **Skelton** p/d (Lobdell-MA). "Magpie" cd. in 35 ds. for \$1.00.(Comeau-MA).

ETHIOPIA: Radio Amahoro/Voice of Peace 9560 n/d ltr. in 29 ds. for \$1.00.(Comeau).

EUROPEAN RUSSIA: Universelle Welle 7105 via **Radio Moscow** f/d "Logo" cd. w/ form ltr. and sked. in 37 ds.v/s Chris Paterson. (D'Angelo-PA). **VOR** 11980 via **Serpukhov** f/d "Peoples

YOU HEARD US!



the MIDNITE RADIO
Box 109
Blue Ridge Summit,
PA 17214

24 hrs!

QSL



NAME Jill Dybka

FREQ 3378 POWER 100 WTS

DATE Wed 11 93 TIME 012 WKS

TECHNICAL Trends and Issues

dyk avens Jan 4

yes Report 4

SIGNED

VERIFICATION SIGNERS: Boos del Atrato 5020

Absalon Palacios Aqualimpia. **Radio Buenaventura** 4836 Mauricio Castano Angulo, Gerente. **Xingjiang PMS** 4735 Zhao Ji-Shu...via PIAY/DX.

Friendship" cd. w/ personal ltr. in 41 ds.(D'Angelo-PA).

FERNANDO POO: Radio Africa 15190 f/d cd. w/ personal ltr. in 20 ds. v/s Terry Kraemer via Pan American Broadcasting.(Shepard-CT). wicz).

FRENCH GUIANA: Swiss Radio International 9905 f/d cd. in 57 ds.(Paszkiewicz). **GERMANY: Deutsche Welle** 6040 n/d cd. in 92 ds.(Washburn). **Radio Liberty** 7255 via **Biblis** f/d cd. w/ site in 6 mo. for 1 IRC (returned) (Dybka-TN).

TWR

Trans World Radio

Missionary Radio from Bonaire
Netherlands Antilles

GUAM: KSDA f/d cd. in 60 ds.(Placanica). f/d cd. in 1 wk.(Field-MI). 9370 f/d "Code" cd. w/ newsltr. in 1 mo. for \$1.00.(Shepard-CT).

GUATEMALA: Radio Coatan TGCT 4779.8 f/d form ltr. in 90 ds. for a registered rpt. and \$1.00. v/s Domingo Hernandez, Director.(Kusalik-ALB). f/d

ltr. in 1 1/2 mo. for a SP rpt. and ms.(Name?) n/d ltr. in 118 ds. for \$1.00.(Paszkiewicz). n/d personal ltr. in 92 ds. for \$1.00.(Palmerheim) same in 3 mo. for a SP rpt. and tape.(Lobdell-MA). n/d ltr. in 36 ds. for \$1.00. (Flynn-OR).

HOLLAND: Radio Nederland 6020 f/d cd. in 2 mo.(Washburn-ME).

HONDURAS: Radio Albatross International 15674.6 via **Radio Copan International** f/d "Flying Pirate Ship" cd. in 22 ds.(Kusalik). same in 3 wks. w/ newsltr. and mail order form.(Field)

Radio Copan International 15675 f/d cd. in 1 wk.(Field-MI). **Radio Internacional** 4930 f/d "Yojoa Lake" cd. w/ sticker,

banknote and business cd. in 49 ds. for a SP rpt., tape and \$1.00.(Washburn-ME). **HRVC La Voz Evangelica** 4820 f/d ltr. w/ calendar in 36 ds. for \$1.00.(Pasquale-PA). **Radio Marabu** 15674.6 via **Radio Copan International** f/d red cd. in 68 ds. via Merlin, ONT maildrop. Sked. & promo offer rcvd.(Kusalik-ALB).



Jill Dybka

Thanks to _____ for the report
2338 UTC

on a United Nations broadcast at
13630 kHz - 15 November 1992

on the details of which are correct.

via RPTI, Ciudad Colon, Costa Rica

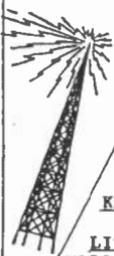
RADIO AND VISUAL SERVICES DIVISION DEPARTMENT OF PUBLIC INFORMATION

Illustrations are from Jill Dybka...Sam.

**The 8th Annual
WINTER SWL FESTIVAL**

March 16-18, 1995

Holiday Inn
Kulpsville, Pennsylvania



HUNGARY: Radio Budapest 6110 f/d cd. in 60 ds. w/ schedule.
INDIA: AIR Jaipur 4910 f/d ltr. in 14 mo. (Placanica-IT)
 for 1 IRC. v/s Mr. S.C. Sharma, Station Engineer.
 This was direct from station. (Flynn-OR). 4920
 via **Madras** f/d "Bridge" cd. w/ postcards and
 sked. w/ stickers in 124 ds. for a taped rpt.
 and \$1.00. v/s S.C. Panda, Audience Research
 Officer. (Washburn-ME). 4990 via **Madras**, 7412
 via **Delhi** and 11620 via **Bangalore** 3 f/d cds. in 7
 mo. for a taped rpt. and \$2.00. (Rausch-NJ).
IRAN: VOIRI 6005 via **Shahid-Hasheminejad Site** f/d cd.
 * in 34 ds. after 3 f/up rpt. Postcards and info.
 sheet rcvd. v/s J. Ghanb-
 ari, Director General. (Kusa-
 * 1ik-ALB). 9640 via **Mashhad**
Regional f/d ltr. w/ prepar-
 ed cd. in 34 ds. (Kusalik-ALB)
 9750 n/d cd. in 3 mo. for a GM
 rpt. They were on this freq. for
 about 5 min. before they found
 out their mistake. (Schwartz).
JAPAN: Radio Japan 5960 f/d cd. w/
 sticker, sked. and calendar in 74
 ds. (Dacus)...Canada relay?...Sam.
KOREA, REP. OF: Radio Korea 9650 f/d "600th Anniversary of Seoul"
 cd. in 36 ds. (Washburn-ME).
LITHOANIA: Radio Vilnius 9710 f/d cd. in 20 ds. (Comeau-MA). IL).
MALAGASY REP: Radio Nederland 9605 f/d "Solar" cd. in 35 ds. (Brown-
MONACO: Trans World Radio 6230 f/d cd. in 40 ds. (Placanica-IT).
MOLDOVA: Radio Dniester
International 9620 f/d
 cd. in 9 mo. v/s A. Ko-
 mar. (Fisher-MA). 11750
 same w/ postcards and ltr.
 in 156 ds. for 1 IRC.
 (Hardester-NC).

CRYSTAL CLEAR
THE VOICE OF THE SWL WINTERFEST OSL

KULP

AM 1610 7415 15049

RF Friends
BY FRIENDLY DM.

VERIFICATION SIGNERS: La Voz del
Napo 3280 Ramiro Caberra, Dir-
 ector. **Radio Federacion Suar**
 4961 Manuel Jesus Vinza Cha-
 cacuy, Director. **Radio Baha'i**
 4950 William Rodriguez. **Radio**
Escuelas Radio phonicas Populares Ecuador 5010 Juan Perez Sarmiento, Director. **Radio**
Centinela del Sur 4770 Miss Farita Ochoa Ochoa, Secretary. **La Voz del Upano** 5040
 Padre Domingo Barrueco Conde, Director. **Radio Finland** 11755 Miss Christine Rockstroch
 via PLAY DX....Sam.

Dear Listener:
Thank you for your reception report and your interest
in our transmissions from:

Station	4E8K	Ross Comeau
Date	06 NOV 93	
Time AEST/UTC	1130 - 1200	16 LINWOOD STREET
Transmitter Location	KATHERINE	
Frequency (MHz)	2985 (WINT. FREQ)	ANDOVER, MA Q181C
Power (Watt)	50	
Yours Faithfully Australian Broadcasting Corporation GPO Box 9994		U.S.A

MOROCCO: VOA 17895 f/d cd. in 2 wks. (Dybka-TN).
NAMIBIA: NBC Radio 3270 and 3290 f/d "Satellite Dishes" cd. in 61 ds. for
 \$1.00. v/s P. Schachtschneider, Manager. (Comeau).

**EVANGELION THE
BAZILIAS**

STATEFARON THE BAZILIAS
means in Greek
"announcement of the absolute truth (gospel)
of the Holy Heaven".

Radio Aum Shinrikyo
381-1 Hirotsu, Fujiyama,
Shizuoka 419-14 Japan

HIS HOLINESS
SHIKO ASAHARA

NEW ZEALAND: Radio New Zealand
International 9700 f/d cd.
 in 27 ds. for 3 IRCs. (Brown)
Kivi Radio 7445 f/d "Logo"
 cd. in 13 ds. for telephone
 call and a taped rpt. Rcvd.
 2 stickers. v/s Graham Bar-
 clay. 300 watts. (Palmer-
 sheim-WA).
NORWAY: Radio Denmark 15335
 n/d "Map" cd. w/ form ltr.
 in 18 ds. (Washburn). 9590
 n/d cd. in 10 ds. (Placanica)

All of Japan is looking for this dude
and we got him right here!!! Sam.

5905 n/d cd. in 12 ds. (Field).

QSL

Verification Card

Radio Norway International

Station ZLXA NEW ZEALAND

7450 f/d cd. in 62 ds. for \$1.00. Sticker and sked. rcvd. (Saade-CA).

For FEBRUARY 5, 1995

PERU: Radio Marañon 4834.5

Thank you for your reception report. We are pleased to verify your reception of our transmission on 0723 from 0805 hours on 3935 kHz. with a power of 1 kw. watts.

f/d cd. w/ postcard in 72 ds. for a SP rpt., ms

and tape. (Klinck-NY). Radio Satellite 6726 f/d cd. w/ 2 page personal ltr. in 47 ds. for a SP rpt. and \$1.00. v/s Sabino Liama Chaves, Gerente. (Comeau-MA). Radio

* Huancabamba 6281.7 f/d ltr. in 69 ds. for a SP rpt. and \$1.00. v/s Cesar Colunche Bustamante, Gerente. Thanks to

* TIN. (Durden-GA). Radio Juanjui 6261 f/d 3 page personal ltr. in 3 mo. on my 2nd try for a SP rpt. v/s John Wiley

* Villanveja Lara. (Field-MI). Radio Huayllay 6140 f/d cd. in 4



NOTES: Denis Pasquale sent along a Radio Kiwi sticker for use in the QSL Column. He says the station also sells T-shirts for \$17.00 each. Jerry Klinck says hello to everyone. Thanks for the reports each month... Sam. Mark Anderson sent in a trickle of reports. He says he is a time - challenged DXer. Hi! Thats pretty good. First time I've heard of that one... Sam.

AM TRANSMITTERS

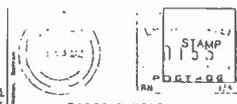
- 1 6410 KHZ SW
- 2 8740 KHZ SW
- 3 9010 KHZ SW
- 4 1580 KHZ SW
- 5 3140 KHZ SW

FM TRANSMITTER

- 6 96.5 MHz
- 7 91.1 MHz
- 8 93.3 MHz
- 9 92.8 MHz
- 1 4 67.8 MHz FM
- 2 2.3 8 AMARAC

First time: 6.12.92

Second time: 19.1.92



TO. RADIO BAHRAÏN

Jaba Sganetta WDJZ

R.R. #1 Box 128

352 Rueser Hale Rd.

Huacopac, NY 10541

U.S.A

POLAND: Radio Warsaw 11815 f/d cd. w/ personal ltr. sked. and postcards

in 35 ds. for \$1.00. v/s Rafal Klepuszewski. (Shepard-CT).

PORTUGAL: Radio Liberty 7115 via Maxoqueira f/d cd. in 3 mo. for an E-mail rpt. (Dybka-TN).

RUSSIA: Universal Life Station 11685 2 prepared cds. in 20 ds. for \$1.00 Letter, promo material and sticker rcvd. (Kusalik-ALB). 11695 f/d cd. in 20 ds. (Kusalik). 5940 f/d cd. in 2 wks. (Field-MI).

SEYCHELLES: BBC 9610 f/d ltr. in 35 ds. for \$1.00. (Dybka). 15420 f/d ltr. in 1 mo. for \$1.00. (Anderson-MI). FEBA 9810 p/d cd. in 37 ds. for \$1.00. Schedule rcvd. (Saade-CA).

SINGAPORE: Radio Singapore International 9530 p/d cd. w/ personal ltr., schedule and sticker in 80 ds. for 1 IRC. (Shepard-CT).

Certificado de Sintonia

Radiodifusora: "RADIO HORIZONTS"

Transmitiendo desde: CHACHAPOYAS (AMAZONAS) PERU.

Frecuencia de: 5.008 KHz. via LOBDELL

Potencia: 1,000 vatios

Hora: Desde: 08.30 Hasta: 09.07 PM. hora local.

Fecha: 11 de julio de 1992.



Hechos comprobados sus detalles de recepción. y confirmamos la certeza sintonizante era nuestra.

Firma

mo. for a SP rpt. on my 11th try. (Field-MI). Radio Ilucan 5620.9 f/d ltr. in 75 ds. for a SP rpt. and \$1.00. v/s Jose Galvez Salazar, Gerente Administrativo. Thanks to TIN. (Durden-GA). Radio Horizonte 5020 f/d personal ltr. and info. sheet in 62 ds. for a SP rpt. and \$1.00. v/s M. Lourdes Arce Arguedas, Jefe de Programacion. (Durden-GA).

PHILIPPINES: VOA 6110 f/d cd. in 16 ds. (Brown-IL). Radio Veritas 9555 f/d cd. in 120 ds.

(Placanica).

SLOVAKIA: AWR 7270 via Rimavska Sobota f/d "Morse" cd. in 6 mo. w/ personal ltr. (Field-MI). 9455 same cd. in 134 ds. for \$1.00. Calendar, pennant and schedule rcvd. v/s Daniel Grisier. (Palmer-sheim-WA). 9445 f/d cd. in 15 ds. (Placanica-IT).

SOUTH AFRICA: Channel Africa 7225 f/d "Durban Resort" cd. w/ calendar and sticker in 103 ds. (Humenyk-ONT). 15240 same cd. in 49 ds. w/ cap! (Brown-IL). 9585 p/d cd. in 42 ds. for \$1.00. Also rcvd. postcards and sked. (Saade).



Tahiti



POLYNESE FRANÇAISE BP 125 PAPERETE

via Dybka

R.F.O. votre Radio

FREQUENCIES	
140 KHZ	10 Kw
970 KHZ	4 Kw
1100 KHZ	4 Kw
1180 KHZ	10 Kw
1570 KHZ	10 Kw

SWITZERLAND: China Radio International 3985 f/d cd. in 90 ds. w/ newsletter. (Placanica-IT).

TAIWAN: Voice of Free China 9610 f/d cd. w/ sticker in 40 ds. (Shepard). 5810 f/d cd. in 1 mo. w/ newsletter. (Placanica-IT).

WINTER SML FEST: I must say that I had a very enjoyable time at this years edition of the Fest. Fest 96' should be great. Make your plans as soon as the dates are announced. I got to greet some new faces and say hello to some old friends. Jerry, I may make it to a BAD meeting yet!...Sam.

OLDIES
96
CHNS



THAILAND: Radio Thailand 11835 n/d "Lotus" cd. in 1 mo. for 2 IRCs. (Sgru-11etta-NY). f/d "Khon Masked Play" cd. in 44 ds. w/ sked. v/s Mrs. Amporn Samosorn. (Pasquale-PA).



RADIO YUGOSLAVIA MY BEST FRIEND

TOGO: Radio Togolaise 5047 f/d cd. in 61 ds. for \$1.00. (Saade-CA).

TURKEY: Voice of Turkey 9445 f/d cd. w/ pennant in 83 ds. (Brown-IL). same in 70 ds. (Placanica-IT).

UKRAINE: Radio Ukraine 7405 f/d "Kosak's Traditional Clothing" cd. in 108 ds. w/ schedule and calendar. (Humenyk-ONT).

URUGUAY: Radio Monte Carlo 9595 f/d prepared cd. in 4 mo. for a SP rpt. * and ms. v/s Ana Ferreira de Errazquin, Secretaria. (Rausch-NJ).

USA: WEWN 7520 "Mother Angelic" cd. in 1 mo. (Placanica-IT). WVHA 15665 f/d "Antenna" cd. in 16 ds. for ms. v/s David Evans. (Pappas-SD). 7465 f/d form ltr. in 22 ds. for a FAX rpt. Postcard and schedule were

rcvd. (Palmer-shelm-WA). same in 24 ds. for SASE (used). (Flynn-OR). WRMI 9955 f/d cd. w/ schedule in 1 mo. (Field-MI). f/d "70th Anniversary" cd. in 1 wk. v/s Adrian Peterson. (Field-MI). f/d cd. w/ schedule in 120 ds. for ms. (Pappas-SD). WHRI 7315 f/d cd. w/ schedule in 150 ds. (Placanica). WMLK 9465 f/d ltr. in 3½ mo. for \$1.00. (Dybka) f/d ltr. in 25 ds. for \$1.00. (Shepard-CT)

RAIJ 15725 f/d cd. in 44 ds. in 69 ds. for SASE (used). (Flynn-OR). WYPR 6065 f/d cd. w/ ltr. in 120 ds. for 2 ms. (Thompson-NY). Voice of Free China 9680 via WYFR f/d "Art Work by Orphans" cd. in 31 ds. (Brown-IL). VOA 21485 via Greenville f/d "Hikers in the Badlands" cd. in 135 ds. (Humenyk). 11835 via Bethany f/d black bordered "Final Days of Bethany Relay" cd. in 39 ds. for \$2.00. v/s John Vodenik. (Washburn-ME).

USA (Pirates): WREC Radio Free East Coast 7415 f/d "Map" cd. in 34 ds. for ms. (Washburn-ME). WLTS 6955 f/d "Spam Shack" sheet in 5 ds. via "contact". (Frodge-MI). 6957 f/d sheet via ACE loggings. (Kusalik-ALB). He Man Radio 6955 f/d "He Man Xmas" sheet in 69 ds. via BRS addr. Also rcvd. info. on how to treat head lice. (Frodge-MI).

Illustrations are from Jill Dybka...Sam.

f/d "Swim Suit" sheet Pirate Collage
 in 43 ds. for 3 ms.
 (Frodge-MI). **Black
 Rider Radio** 6955 and
 7470 f/d cd. in 54 ds.
 for 3 ms. (Frodge). 7470
 cd. w/ personal ltr. in
 10 wks. to Wellsville. same
 in 84 ds. (D'Angelo-PA). in
 3 mo. via **KDED** w/ sked.
 (Kusalik). **Bullfrog Radio**
 6956 f/d sheet in 23 ds. for 3
 ms. (Comeau). same in 54 ds. for
 3 ms. (Frodge). **WTWP** 7420 f/d
 "Air Pirates" cd. in 1 mo.
 (Lobdell). same in 16 ds.
 for 3 ms. (Comeau). **Radio
 BlendX** 7475.4 f/d Chinese
 restaurant menu in 43 ds. via
 "contact". CJSR sticker was rcvd.
 (Frodge). 7375 same w/ tape & The Radio Airplane
 sticker in 76 ds. (Paszkiewicz)

You did something that several federal agencies
 have yet to do... YOU caught Bullfrog
 On 11/24/94
 at frequency 7375
 Chris Lobdell



WAFW
 RADIO
 BROADCASTER
 The radio we
 wish whatever you'll want,
 your reception of us.



**RADIO
 AZTECA**
 Sure, we can confirm that **Nick Teague**
 from **Houston, TX** heard us on
 68.5 kHz at 2346.734 UTC via **HADS!**
 OS - 161 B-3 Gram Sider

NOTES: **Rick Krzemien** says its been a while since he last contributed to the QSL Column since he has QSLed 214 countries. Not too many new ones left. **Mark Anderson** says thanks for the QSL Column. He has finally got a few reports out and is waiting for answers. **Denis Pasquale** was quite surprised to get such a quick response from Radio Zimbabwe. Reports are also out to Radio Nacional Paraguay. Hoping to get a reply. They can be a little on the tough side...Sam.

RADIO K'EKCHI'
 La Voz Evangelica de las Casas
TGVC
 4845 kHz
 5 KW
 QUINTO ANIVERSARIO
 11 de Marzo 1993
 Radiodifusion
 Cristiana
 de
 Calidad

Radio City 7415 via **NAPRS** f/d cd. in 41 ds.
 for \$1.00. via Wuppertal. Also rcvd.
 info. sheet from Sweden. (Frodge). **The Fox**
 7415 f/d cd. w/ sheet in 2 yrs. (Name?) 7440
 same in 717 ds. for 3 ms. via Wellsville.
 (Frodge). **The Mad Daddy** 7422 f/d sheet in 41
 ds. for 3 ms. (Frodge). **One Voice Radio** 6955
 f/d cd. w/ ltr. in 20 ds. for \$1.00. (Comeau-MA)
 f/d foot phone cd. in 27 ds. for 3 ms. (Frodge).
UZBEKISTAN: **Radio Tashkent** 13785 f/d cd. in 3 1/2 mo.
 v/s Nadia Babajanova. (Rausch-NJ).
VATICAN: **Radio Vatican** 6245 f/d "Antenna" cd. in 4
 mo. after a f/up rpt. (Palmerheim). f/d cd. in 20
 ds. (Placanica-IT).
VIETNAM: **Voice of Vietnam**
 9839 f/d cd. w/ note in
 15 wks. for \$1.00. (Anderson-MI).
WEST IRIAN: **RRI Sorong** 4875 f/d
 ltr. in IN in 2 mo. for EG rpt
 and \$1.00. Also rcvd. 1000 Ser-
 ibu Rupiah bank note. v/s Drs.
 Sallomo Hamid. (Lobdell). p/d personal
 ltr. in 1 mo. for \$1.00. (Krzemien-CA).
ZIMBABWE: **ZBC Radio Three** 3396 f/d cd
 in 41 ds. for \$1.00. (Eckert-PA). in
 27 ds. v/s I. Magonyo. (Pasquale). same
 in 3 wks. for \$2.00. (Rausch-NJ). 4828
 f/d "oversized map" cd. in 1 mo. for 1
 IRC. (Krzemien-CA).

2do ANIVERSARIO
LUIS ALONZO PAZ
 LES PRESENTA:
LA NOTA
DE LA SEMANA
 DOMINGO DESDE LAS
 12:00 M. POR ; ESTUDIO 97 FM
 FEBRERO - 1.994
 BARQUISIMETO

Guess this will take care of another
 QSL Column. Hope to have many more
 reports next month.

Until then...73s

Sam

NASWA Scoreboard

Jerry Lineback
6361 Shore Drive
Douglasville, GA 30135



Jerry A. Lineback
6874 Parkway Dr.
Douglasville, Georgia 30135

Please note the new address. Welcome to Scoreboard for March 1995. The Spotlight this month is on Asia. Remember that C/H = Countries Heard and C/V = Countries Verified. Country counts are per the NASWA Radio Countries List. Thanks to all who contributed.

Name, State	Total		Asia		Best Asian QSL
	C/H	C/V	C/H	C/V	
James Young, CA	246	228			
Edward Kusalik, Alberta	241	238	69	68	RKPDtk Samedang
Marlin Field, MI	237	236	66	65	RRI Serui
Jerry Berg, MA	235	233	66	65	Port. Timor
William Flynn, OR	234	221	67	61	BCS Kure, Japan
Ed Shaw, KY	230	214	66	65	Hong Kong
John Sgulletta, NY	226	226	60	60	VoPeace
Steven Lare, MI	226	203	66	59	Bhutan 5023.1
Terry Palmersheim, WA	224	213			
Nobuaki Takahashi, Japan	224	198			
Donald Hosmer, MI	223	194			
Chris Lobdell, MA	222	216	58	57	AIR Port Blair
Al Miller, Jr., OH	220	212	63	59	Nepal
Richard Davis, NM	215	205	64	60	RRI Dili
Larry Abraham, MI	215	200	57	51	Aden
Ron Howard, CA	215	200	59	55	Kashmir
Sheryl Paszkiewicz, WI	214	208	60	53	Sri Lanka BC
Paul Buer, FL	214	203	56	53	VoPeace
Rick Krzemien, CA	213	203	62	60	Azad Kashmir
Frank Orcutt, NY	213	182	57	50	RRI Serui
Christos Rigas, IL	210	191	57	51	Aden
Jerry Klinck, NY	210	186	60	46	AIR Pt. Blair
Fred Kohlbrenner, PA	210	185	49	42	Cambodia
Mike Hardester, NC	209	194	60	57	AFNT Taiwan
Jerry Lineback, GA	206	108	55	15	Ujung Pandang
Dino Bloisse, Dominican Rep.	205	85			
Charlie Washburn, ME	201	157	43	32	Ulan Bator
Martin Foltz, CA	200	164	50	34	R. Baku 4785
Stephen Pitts, NE	197	171	63	54	RRI Sibolga
Larry Kramer, CO	196	138	51	24	Brunei
Stephen Price, PA	186	156	58	51	Burma direct
John Macdonald, WA	178	76			
Rev. John Eckert, PA	175	161	45	42	Sri Lanka BC
Allan Loudell, DE	175	146	46	39	Manchuria
Ichiro Maruo, Japan	174	113	61	36	AIR Guwahati
Nick Grace C., DC	172	118	45	28	R. Yakutsk
Andy Rugg, Que.	170	154	41	38	BBC Singapore
Daniel McCarthy, GA	169	144	39	31	Turkish Police
Ross Comeau, MA	166	128	38	31	Nepal
Carl Mann, NE	165	151	39	36	Burma 4725
Scott Helm, KS	163	113	49	29	Turkish Police
Mark Humenyk, Ont.	160	122	44	28	Alma Ata, Kazak

Name, state	Total	Asia		Best Asial QSL	
	C/H	C/V	C/H C/V		
Richard Hankison, KS	158	132	36	28	Pyongyang
Kirk Trummel, MO	158	119	37	25	R. Baku
Carl Radtke, WA	153	153	40	40	Qatar
Elliot Straus, NJ	152	88	33	15	Brunei 4865
Chris Sweitzer, FL	147	93	37	27	CPBS
Joe Kremer, IN	137	87	27	20	Sri Lanka BC
Barry Schwartz, NY	125	100	36	29	R. Tbilisi
Lowell Pankake, MN	122	73	31	18	Wings of Hope
Norm Newhall, CT	114	105	30	26	Cyprus BC
Bruce Orenstein, NY	102	77			
Mark Anderson, MI	99	79	14	7	Dubai
Andreas Scheurell, PA	84	53	19	10	R. Dubai
Ed Poston, IA	82	64	20	12	R. Taskent

Thanks again to all contributors. Remember, you must update at least once a year to remain on the Scoreboard. Next deadline will be May 15 for the June Journal. Spotlight will be on Europe. 73s

FOR SALE: Customized Beam Headings (from/to) and Distances (MI/KM) to over 480 WRTH transmitter sites including new Russian Republics. ITU Country Codes included. Send your location or coordinates, \$7.15. NASWA Journals '91, '93, and '94 complete, \$11.00 a year or \$30.00 for all three. WRTH '91, \$7.00/'93 \$8.00/'94 \$10.00 or \$20.00 for all three. Passport to World Band Radio '94, \$9.00. All items include shipping (overseas shipping extra). Cashiers check or money order only, please.

FOR SALE: Drake R-8 receiver and matching speaker in mint condition, \$800.00. JPS NIR-10 DSP Audio Filter condition. SWL filters, \$200.00. Drake SPR-4 receiver and MS-4 matching speaker. All SWL bands and extra crystals. In mint condition, \$200.00. Stoner Dymek DA1000 Antenna with fiber glass whip in excellent condition. Used one month, \$135.00. Prices do not include shipping. Selling because I want the W/J HF1000 receiver. Stephen Leite, 190 Healy Street, Fall River, MA 02723. Phone (508) 675-2830 from 2000 to 0100 UTC.

Contributors' Page

John Schmid
P.O. Box 86
Line Lexington, PA 18932

LOGGINGS CONTRIBUTORS - May 1995 - DEADLINE 10th of MONTH

The following members contributed loggings:

Brian ALEXANDER , Mechanicsburg , PA	NRD 535D 100' LW
Mark ANDERSON, Prescott, MI	NRD525 Eavesdropper 180' RW
Gabriel Ivan BARRERA, Buenos Aires, ARGENTINA	
Jerry BERG , Lexington , MA	R8 R390A 11Q180A 150' LW
Don BREWER, Overland Park, KS	SW8 2 ICF2010s 7600G ATS800
Richard D'ANGELO , Wyomissing , PA	R8 FL3 AD Sloper Farley Loop
Jim DUCHARME, South Hadley, MA	ICF-7600G Datong FL3 41' M.L.B antenna
Marlin FIELD, Hillsdale, MI	NRD535D Eavesdropper
Bill FLYNN , Cave Junction , OR	R8 R7A 500' loop 83' Dipole
Bob FRASER, Cohasset, MA	ICF2003 DX370 DX342 whip antennas
Harold FRODGE, Midland, MI	R71A MFJ956 80' & 185' RW's
Gary FROEMMING, Glendale, AZ	TS440 3 element beam
Pete GRENIER, Sparks, NV	FRG7 ATS803A MFJ1020A 120' loop
Richard HANKISON, Praire Village, KS	DX390 50' LW
Jack JONES, Jackson, MS	
Terry JONES, Plankenton, SD	
Rufus JORDAN, Pittsburgh, PA	DX302 Transoceanic indoor wire
Mary KAMINSKY, Flanders, NJ	NRD535 random wires
Jerry KLINCK, West Seneca, NY	2 R8's HQ180 80' LW Dipoles
Marie LAMB , Brewerton , NY	HF150 DX392 DX375 60m LW SW loop
	MFJ16010
Richard LEMKE, St. Albert, Alberta, CANADA	NRD535 random LWs
Diane S. LEVESQUE, Phoenix, AZ	DX390
Harold LEVISON , Philadelphia , PA	R8 R70 D2999 Indoor LW
William McGUIRE , Cheverly , MD	DX380
Don MOORE, Davenport, IA	R8
Don MOORE2, Gifford Pinchot State Park, PA	R8
Ed NEWBURY, Bridgeport, NE	R8 R5000 70' Windom
Marina PAPPAS, Huron, SD	R8 DX400 indoor random
Denis PASQUALE, New Brighton, PA	DX440 10m LW
Sheryl PASZKIEWICZ, Manitowoc, WI	NRD515 NRD525 60' LW Eavesdropper
Vince PINTO, Brooklyn, NY	R71A
Salvatore PLACANICA, ITALY	Grundig 500 ICF7600D
Ed RAUSCH, Cedar Grove, NJ	R5000 2010 MFJ959 Eavesdropper 300' Dipole
Jim RENFREW, Rochester, NY	ICF2010 MJF959B AD Sloper
Doug ROBERTSON, Oxnard, CA	DX302 FRG8800 FRA7700
Betsy K. ROBINSON, Clinton, TN	Sony 2010 Indoor Telescopic Antenna
Mike RYAN , Bangkok , THAILAND	R8
Giovanni SERRA, Rome, ITALY	NRD525 AD Sloper
Jack THOMPSON, New York, NY	Grundig YB400 ICF SW33
Wallace TREIBEL, Seattle, WA	
George UHLER, Santa Maria, CA	DX440 ATS803A 60'sloper 220'loop
Errol URBELIS, Kings Park, NY	TS940SAT FT980 100' LW Antron 99
David WILLIAMS, Astoria, OR	Icom 765 MBV-A tuner 140' RW Icom 735
	ATR15 tuner 800' closed loop

Hi everybody. Hey, hold on to those Radio Aum Shinrikyo QSLs, you know, the ones with the full color likeness of "His Holiness Shoko Asahara". I predict that in a few years they will be worth as much as OJ's rookie card on the trading card circuit. Some of my other favorite radio "collectables" include a 1970s Radio Uganda schedule featuring greetings from " His Excellency Field Marshal Dr (?) Idi Amin Dada ", and the ever popular "Death to America the Great Satan " brochure from our friend Ayatollah Khomeini and the folks at Radio Voice of the Islamic Rep. of Iran. Getting this kind of stuff in the mail makes this hobby all that much more interesting!. See you next month!

Tropical Band Loggings

Sheryl Paszkiewicz
1015 Green Street
Manitowoc, WI 54220



Please use my PO Box 152.

- 2140 UNID 4/1 1020 SP? t1k, trop mx, weak (Moore-IA)
 2199.9h COLOMBIA LV de la islas 1030 carrier, 1100 mx, ID, NA (Berg-MA)
 2310 AUSTRALIA VLBA 3/15 1051 EG rock, t1k, poor (Pappas-SD)
 2490.8 BRAZIL R 8 de Setembro 3/31 2327 PT ID, love song (D'Angelo-PA)
 2999.9h DOM REP R Color 4/2 0045 tnx Moore vcls, ID 2x1500 (D'Angelo)
 4/2 0010 non-stop trop mx, quick ID, tnx Krueger (Moore-IA)
 3000 UNID 3/26 0122 mx, vcls, barely hrd them (Levison-PA) prob a harmonic--sp
 3205 NEW GUINEA R West Sepik 3/31 1100 //4890 nx, tnx Valko (D'Ang.)
 3205.1 BRAZIL Ribeirao Preto 3/11 0315 rel pgm, good (Barrera-ARG)
 3222 TOGO R Kara 3/30 2302* FR t1k, flutes/drums, h1life, ID (D'Ang)
 3230 SOUTH AFRICA Orange 3/24 2310 EG/AK EZL, oldies (Frodge-MI2)
 3250 HONDURAS Luz y Vida 3/11 0230 EG rel t1k, mx, ID (Jordan-PA)
 3260 ECUADOR Estereo Carrizal 4/1 0404* SP chat, ID, TC (D'Angelo)
 4/8 0418 vcls, TC, scores, IDs gone 0509 recheck (Paszk-WI)
 3264.9p SUMATRA Bengkulu 2/27 2259 SCI, peak 2300, tnx Ward (Rippel-VA)
 3270 NAMIBIA NBC 0400 DT nx, mx mix, ads, IDs, TC (Urbelis-NY) 3/25
 0410 ID, lite pops, not //3290 (Frodge-MI2)
 3280 ECUADOR LV del Napo 3/26 1004 NA, anmts, rel (Frodge-MI2)
 3289.8 ECUADOR R Centro 3/19 0625 SP anmts, ID, ballads (Alexander-PA)
 3/12 1015 ID, Amanacer Andino pgm (Barrera-ARG)
 3289.9 NAMIBIA NBC 3/20 0430 EG ID pop mx pgm (Froemming-AZ) 3/25 0412
 AK/ t1k, oldies (Frodge-MI2)
 3300 GUATEMALA R Cultural 2/18 1015 SP cmtry, rel t1k (Jordan-PA)
 3/4 0341 rel t1k, good (Levison-PA) 3/21 0445 SP Christian mx
 t1k (Grenier-NV)
 3304.8t TIMUR Dili 2/25 1130 AR style mx, t1ks, poor (Rippel-VA)
 3306 ZIMBABWE ZBC 2159* lang h1life mx, IDs, anthem (Urbelis-NY)
 3/25 0421 lang rel, Afropops (Frodge-MI2)
 3315 ADMIRALTY ISL R Manus 3/25 1027 EG/PD countdown, chimes, speech
 (Frodge-MI2) 3/31 1057 EG island mx, ID, nx (D'Angelo-PA)
 3315t INDIA AIR Bhopal 3/12 0120 sounded Hindi t1k, mx (Barrera-ARG)
 3320 NORTH KOREA Pyongyang 3/9 1212 KR t1k on and on (Newbury-NE)
 3320 SOUTH AFRICA R 2000 3/27 0253 AK mx, TP, ID, jazz (Lamb-NY)
 3324.9 GUATEMALA R Maya 3/14 0330* weak Glory Glory Hallelujah (Rent)
 3325 KALIMANTAN RRI Palangkaraya 3/27 1355 pop, ID, nx (Williams-OR)
 3326 NIGERIA R Nigeria 3/30 2306* EG instl, ID, nx, NA (D'Angelo-PA)
 3340 PERU R Altura 3/12 1008 ID, LA songs (Barrera-ARGENTINA)
 3345t INDIA AIR Jaipur 3/26 0101 lang t1k, instls (Serra-ITALY)
 3345 NEW GUINEA R Northern 3/25 1134 EG pop mx, fair (Frodge-MI2)
 3345t MOLUCCAS RRI Ternate 3/27 1440 vcls, Jak nx (Flynn-OR)
 3355 NEW GUINEA R Simbu 4/1 1101 EG/PD nx, mx, chat, IDs (D'Angelo)
 3/24 1026 t1k, mx, gone 1050 (Berg-MA)
 3360 GUATEMALA LV de Nahuala 3/18 0300 nx, marimba, vcls (Jordan)
 3366 GHANA GBC 3/24 2305 h1life, Music All Nite Long (Frodge-MI2)
 3/22 0451 EG mx, discuss, nx, drum IS, IDs (Pappas-SD)
 3374.9 ANGOLA RN 3/12 0500 PT nx, ID, pop mx (Renfrew-NY) 3/15 0303
 PT romantic vcls, //7245 (Flynn-OR)
 3380 GUATEMALA Chortis 3/15 1100 SP rel, prayer, ID (Robinson-TN)
 3390 SIKKIM AIR Gangtok 3/16 1506 SC vcls, lcl ID, EG nx (Ryan-THAI)
 tests are over, reg pgm here 1400-1600 per Mike
 3395 NEW GUINEA R East Highlands 4/1 1050 EG/PD island mx ID (D'Ang)
 3396 ZIMBABWE ZBC 3/22 0324 EG Ponty, Whitney, slogans, TC (Lamb-NY)
 3/8 0350 EG cricket results, Love is All Around (Pasquale-PA)
 0330 Wake up Zimbabwe show, ads, IDs, nx, good (Urbelis-NY)
 2/20 0325 EG ID, Aretha, Good morn, it's Monday, nx (Newbury)
 3/29 0259 EG tones, anthem, ID, jingle (Flynn-OR)
 3905 NEW IRELAND RNI 3/25 1057 EG instls, ID, island vcl (D'Angelo)

3945 JAPAN R Tampa 3/26 1020 JP choral mx mix w/Vanuatu (Frodge-MI2)
 3945 VANUATU RV 3/24 FR 1055 tlk, PD/EG ID, FC (Berg-MA)
 3975 HUNGARY R Budapest 2000 EG nx, fair (Placanca-ITALY)
 3995 WEST GERMANY DW 3/25 2332 GM continuous mx (Levison-PA)
 3995 SOUTH AFRICA Channel Africa 3/20 0400 EG ID, tlks (Froemming)
 4010 KYRGYZSTAN KR 3/22 1635 RS opera, YL host (Ryan-THAILAND)
 4284 IRAN Vo Iran Kurdistan 3/12 0334 Kurdish mx, ID (Barrera-ARG)
 4419.1 PERU Frec Lider 3/11 0231 LV de los grandes mayorias (Barrera)
 4449.9 S KOREA 3/11 2243 KK pgm YL anncr (Barrera-ARGENTINA)
 4450 BOLIVIA R Frontera 0950 Andes mx, IDs, ads, anmts (Urbelis-NY)
 4460 PERU Norandina 3/30 0133 tlk, sport event? (Field-MI)
 4500 CHINA Xinjiang PBS 3/15 0054 CH tlk, TP, ID, nx (Serra-ITALY)
 4505 PERU Horizonte 0950 Andes mx, ads, IDs, TC, RTTY QRM (Urbelis)
 3/12 1032 tlk, ads, ment Chiclayo (Barrera-ARGENTINA) 3/31
 1042 tlk, ID, mx (Field-MI)
 4510 PERU Paucartambo 3/31 1033 ID, mx (Field-MI)
 4549.3 BOLIVIA R Tropicco 1050 greetings, msgs (Barrera-ARGENTINA)
 3/30-4/1 2354 mx, Cath svc, partial ID (Field-MI)
 4599.3 BOLIVIA Rdf Villamontes 3/11 1043 folk mx, msgs (Barrera-ARG)
 4635 TAJIKISTAN Tajik R 3/15 0107 TJ nx, ID, songs (Serra-ITALY)
 4682.3 BOLIVIA R Paititi 3/12 0236 LA songs to abrupt s/off (Barrera)
 4697.2 JAVA Surabaya 4/3 1350 mx, lecture, drama, IS, nx (Treibel-WA)
 4725 MYANMAR Vo Myanmar 1215 nx, tlk, lcl mx, LSB a must (Urbelis)
 4735 CHINA Xinjiang PBS 1215 CH tlk, nx, anmts, mx (Urbelis-NY)
 4740 TAJIKISTAN Tajik R 1220 lang class mx, lcl info (Urbelis-NY)
 4747 PERU Huanta 2000 3/29 1025 SP weak but clear, mx (Pinto-NY)
 4750 TIBET Xizang PBS CH at 1220 anmts, instl. nx, tlk (Urbelis-NY)
 4753.5 SULAWESI Ujung-Pandang 3/9 1225 tlk, promo, mx (Newbury-NE)
 3/25 1009 tlk, instls, sounds like AR (Frodge-MI2)
 4760 LIBERIA ELWA 3/12 2203* EG Encounter pgm, IDs, TC (D'Angelo)
 4770.2 ECUADOR Centinela del Sur 3/17 0120 SP phone ins (Newbury-NE)
 4770 NIGERIA R Nigeria 3/3 0457 EG Julio Iglesias, ID (Pasquale-PA)
 4775 DOM REP Onda Musical 3/18 0303* Alpert, NBA scores (Renfrew-NY)
 4775 INDIA AIR Imphal 3/1 1530 6TP, nx, chimes, IDs (Flynn-OR)
 4775 PERU Tarma 3/17 0120 OA mx, ballads (Jordan-PA)
 4780 GUATEMALA R Coatan 1210 marimbas, IDs, Bible pgm (Urbelis-NY)
 3/24 1112 SP/lang ID, prayers, Oscar Medina mx (Robinson-TN)
 3/17 0140 lang tlk, simple mx (Newbury-NE)
 4783 MALI RTM 3/12 0000* FR high noise, terr sound NA (Pinto-NY)
 4790 PERU Atlantida 3/2 1045 SP easily understood IDs (Pinto-NY)
 4790.7 PAKISTAN RP 1600 3/2, 1615 Azad Kashmir R, folk, wx (Ryan-THAI)
 3/18 1449 lang, SC mx, 3TP, poss nx (Flynn-OR)
 4799.8 GUATEMALA Buenas Nuevas 3/12 1905 clear IDs, rel (Pinto-NY)
 3/23 1149 lang, kids sing, tlk, ID, fair (Pappas-SD)
 4800 LESOTHO R Lesotho 3/29 0443 lang tlk abt family planning (Lamb)
 3/16 0400 EG phone number, lang singing, tlk (Newbury-NE)
 4810 ARMENIA Araks R 3/4 1939 AR nx, lcl song //4990 (Serra-ITALY)
 4810 SOUTH AFRICA R 2000 3/13 0130 AK EZL, tlks, poss ID (Jordan-PA)
 3/15 0316 Afrikaans Stereo AK tlk & mx (Uhler-CA) 3/25 0004
 EZL mx, code wheel on freq (Levison-PA) 3/21 0315 AK pops
 (Grenier-NV)
 4815 CHINA CRI 3/29 1510 RS tlk, instls, poor (Flynn-OR)
 4819.8 ECUADOR R Paz y Bien 3/11 1106 rel tlks by M (Barrera-ARG)
 4820 HONDURAS HRVC 3/22 1102 SP tlk, mx (Uhler-CA)
 4820 UKRAINE RU 3/4 1948 UK songs, YL anncr //7405 etc (Serra-ITALY)
 4824.4 PERU LV de la Selva 3/21 1030 SP good sig, also eves (Pinto-NY)
 3/30 1005 mx pgm, ID, good (Field-MI)
 4825 GUATEMALA R Mam 4/2 0215 tlk, IDs, mx (Field-MI)
 4828 ZIMBABWE ZBC 3/7 1750 lively chatter, tribal mx, ID (Serra)
 4825 BRAZIL Cancao Nova 3/29 0522 Cath svc, ment Santa Maria (Field)
 4831.8 COSTA RICA Reloj 3/20 0545 SP ballads, tlk (Froemming-AZ)
 4835 MALI RTM 3/4 1956 FR tribal mx, ID, nx, fair (Serra-ITALY)
 4840 VENEZUELA R Valera 3/17 0240 tlks, ads, ID, pops (Jordan-PA)
 3/15 0353* SP mx, anmts, anthems (Flynn-OR)
 4845 BOLIVIA Fides 4/2 0500* Arg mx, ID, s/off anmts (Moore-IA)
 4845 BRAZIL R Cabocla 3/26 0100 tlk in ?, nx, PT ID (Jordan-PA)
 4850 UZBEKISTAN UR 3/16 1757 lang chant, IS, ID, nx (Serra-ITALY)
 4855 BOLIVIA Centenario 3/20 1000 SP ID, short nx pgm (Froemming-AZ)
 4860 ECUADOR Federacion 3/19 0107* tlk, rustic mx //5980 (Alexander)
 4860 INDIA Delhi 1215 nx, Hindi mx, lcl info (Urbelis-NY) 3/10 1805
 UR boring vcls, anmts, fair (Serra-ITALY)
 4865 BRAZIL Alvorada 3/10 0120 PT chatter, IDs, promos, TCs (Jordan)

4865 COLOMBIA LV del Cinaruco 3/20 0330 LA mx, nx, ID (Froemming-AZ)
3/25 0210 futbol, ID, promo, shouted Caracol (Jordan-PA) 3/17
1100 SP ID, nx, tlk of campesino (Robinson-TN)

4870 BENIN ORTB 3/24 2242 FR pops, ballads, NA (Frodge-MI2)

4875t BRAZIL R Roraima 3/16 0148 PT Brasopops, tlk, noisy (Flynn-OR)

4875 SOUTH AFRICA VOA 3/9 1846 EG pop, JD, Afr feature (Serra-ITALY)

4880 ECUADOR RN Espejo 3/13 0220 EZL orch, anmts, echo ID (Jordan-PA)

4884.5 COLOMBIA Ondas del Meta 3/18 0400 ID thru het (Kenfrew-NY)

4890 GABON RFI 3/20 0500 FR ID, nx, sports scores (Froemming-AZ)

4890 PAPUA NBC 3/22 1036 EG ID, interviews, pol cmtry (Uhlr-CA)
3/25 0952 EG pops, NBC Natl Nx, fair (Frodge-MI2) 3/25 1045
EG pop/rock mx, IDs, TC, contest promo, Weekend Party (D'Ang.)
3/24 1001 nx, Country Gold Hits pgm, TC, ID (Pappas-SD)

4910 HONDURAS LV de la Mosquitia 3/24 0240 EG/lang sermon (Jordan)

4910 INDIA AIR Jaipur 1220 Hindi mx, nx, anmts (Urbelis-NY)
3/28 1415* sitar concert, *1430 on 3345 (Ryan-THAILAND)

4910.5 SUMATRA RRI Bukittinggi 3/20 1438 Koran ID (Williams-OR)

4914.4 PERU R Cora 3/20 0318 SP ID, tlk, mx, good sig (Froemming-AZ)
3/21 0310 SP ballads, ID, long tlk (Pasquale-PA) 3/18 0310
ID thru noise (Renfrew-NY) 3/18 0415 SP, ID, pops (Newbury-NE)
3/27 0300 SP speech, mx, ID (Levesque); tnx!--sp

4915 GHANA GBC-1 2/14 to C100* EG hlife, ID, anmts (Jordan-PA)
3/16 1807 EG nx, financial nx, pol tlk, f-p (Serra-ITALY)

4920 ECUADOR R Quito 3/9 0150 US pops, HC mx, ID, slick (Jordan-PA)

4927 SUMATRA RRI Jambi 3/31 1506 nx, IS, ads, ID, pops (Williams-OR)

4930 HONDURAS Intencional 3/10 0320 vcls, brass, ID (Jordan-PA)
3/13 0350 class mx, SP ID to 0352* (Kaminsky-NJ)

4935 BRAZIL Capixaba 4/1 2315 tlks abt Brazil & state, mx (Moore-IA)

4935 KENYA KBC 2108* EG pop mx, IDs, nx, p-g (Urbelis-NY)

4940 RUSSIA? RS Slavyanka 2/28 1800 RS EZL, comedy to 1900*, I think
prob via Tajikistan (Ryan-THAILAND)

4949 ECUADOR Bahai 4/1 0812 SP Andean mx, ID, anmts (Pinto-NY) 3/25
1025 SP flute mx, tlks, ID, TCs (D'Angelo-PA)

4955 COLOMBIA RN 2/20 0045 HJ & US pops, IDs, big band (Jordan-PA)
3/8 0415 SP ballads overmodulated (Pasquale-PA) 3/18 0255
extended mx pgm, ID (Renfrew-NY)

4959 VIETNAM Hanoi 1210 VT tlk, mx, 10059 better (Urbelis-NY)

4965 BOLIVIA R Juan 23 0958 Bible pgms, TC, IDs, sermon (Urbelis)

4965 BRAZIL R Alvorada 4/10 0159* PT pops, ID, prayer, FC (Lamb-NY)
0950 Braz pops, ads, IDs, TC, anmts (Urbelis-NY)

4965 ZAMBIA Christian Voice 3/30 1940 EG sermon, hymns, ID (Ryan)

4969 PERU R Imagen 4/10 *0918 SP ID, TC, ment Tarapoto (Jones-MS)

4975 BRAZIL R Tupi 4/1 2307 rel pgm, ID, ment Sao Paulo (Moore-IA)

4975 RUSSIA Vo Russia 3/9 1700* EG ID, nx //4740 (Ryan-THAILAND)

4980 VENEZUELA Ecos del Torbes 3/16 0240 ballads, intro tlk (Jordan)
2/18 0153 SP ID, promos, good (Newbury-NE)

4985 BRAZIL Brasil Cential 3/20 0830 PT ID, mx, tlk (Froemming-AZ)
4/10 0118 PT All by Myself, IDs, jingles, tlks (Lamb-NY)

4991.1 PERU K Ancash 3/12 0346 folk mx, greetings (Barrera-ARG) 4/16
0913 SP buenos dias, OA mx, fair (Jones-MS)

5000 VENEZUELA YVTO 3/19 0352 time sigs in SP (Froemming-AZ)

5005 NEPAL R Nepal 1225 nx, Hindi mx, ID, LSB a must (Urbelis-NY)

5009 MADAGASCAR RM 3/12 0312 lang tlk, ID (Barrera-ARGENTINA)

5010 INDIA AIR Thiru'puram 3/12 0054 instl, prob ID (Barrera-ARG)
4/2 0028 Hindi/EG nx, vcls, fair (D'Angelo-PA) 4/4 0043 lang
SC vcls, jingle/IS (Ducharme-MA)

5010.3 ECUADOR ERPE 3/11 1035 Quechua tlks, anmts (Barrera-ARGENTINA)

5019.8 COLOMBIA Ecos del Atrato 3/19 0359 ID, tnx toi listen (Froemm)

5019.9 PERU R Horizonte 3/31 2345 vcls, occas IDs (D'Angelo-PA)

5020 NIGER LV du Sahel 3/6 1847 tribal mx, TP, ID, IS (Serra-ITALY)

5020 SHRI LANKA SLBC 3/12 0104 Tamil instl, anmts (Barrera-ARG)

5020.1 CHINA Jiangxi PBS 3/11 2300 CH pgm, ID (Barrera-ARGENTINA)

5025 BHUTAN BBS 3/11 1117 lang chants, strings, ment Bhutan, 1st
time hrd here (Barrera-ARGENTINA) Very good!--sp

5025 CUBA Rebelde 3/19 0300 SP ID, tlk, mx (Froemming-AZ) 3/28 0430
SP ID, tlk, mx (Uhlr-CA)

5030 COSTA RICA AWR 3/19 0331 SP ID w/rel mx pgm (Froemming-AZ)
3/22 1032 SP/EG ID, mx (Uhlr-CA) 3/22 0434 SP rel (Grenier-NV)

5034.4 CENT AFR REP RTV 3/20 0520 FR tlk abt Africa (Froemming-AZ)
2300* FR lively mx, poor (Pinto-NY)

5035 BRAZIL Aparecida 3/25 2315 PT tlk, ID, jingles (Kaminsky-NJ)

5035 BRAZIL R Educ Rural 4/2 1042 rustic mx, PT tlk (Moore-IA)

5039.2 PERU Libertad 3/12 0259* folk mx, full ID (Barrera-ARGENTINA)
 5040 SUMATRA RRI Pekanbaru 3/27 1514* nx, IS, ID (Williams-OR)
 5043.1 ANGOLA EP de Benguela 3/20 0530 PT ment Angola.gone 0536(Froem)
 5047.1 TOGO Lome 3/20 0600 FR ID, nx, vy low audio (Froemming-AZ) 3/2
 1936 FR/EG nx, ID, f-p (Serra-ITALY)
 5050 ECUADOR R Jesus 3/20 1030 SP ID slow rel mx (Froemming-AZ)
 5050 TANZANIA RT 3/5 0403 EG nx, ID, tribal vcls, poor (D'Angelo-PA)
 5060 UZBEKISTAN Tashkent 3/6 1959* GM pol tlk, ID, folk (Serra)
 5065 USA WWCN 3/23 0445 EG pol cmtry, exc (T Jones)
 5068.7 PERU Ondas del Sur Oriente 3/11 0250 tlk, mx (Barrera-ARG)
 5075 COLOMBIA Caracol 3/19 0340 IDs & tlk (Froemming-AZ) 3/19 0410
 SP promos, ID, bossa nova, tlk, nx (Jordan-PA)
 5131 PERU Vision 2000 3/17 0122 pops, ID, poor (Moore-IA)
 5145 CHINA CRI 3/25 1022 RS OM tlk, lotsa ute QRM (Frodge-MI2)
 5240 TIBET Xizang PBS 1220 lcl info, CH mx, anmts //4750 (Urbelis)
 5260t KAZAKHSTAN KR 3/24 1941 RS? pop mx, tlk, class mx (Serra-ITALY)
 5547.4 PERU LV de Andamachay 3/19 0227* vcls, TC, ID, nx (Rausch-NJ)
 3/12 0127 huaynos, greetings, ID (Barrera-ARGENTINA)
 5620.9 PERU R Ilucan 3/12 0157 greets, ID, fair (Barrera-ARGENTINA)
 4/6 0246* OA mx, drums, poss ID 0243, NA (Jones-MS)
 5700 PERU Frec San Ignacio 3/11 0300 tlk, folk mx (Barrera-ARG)
 5745 USA WHRI 4/3 0313 EG rel (Grenier-NV) 0000 People to People
 (Jones-SD, Placanica-ITALY)
 5810 USA KAIJ 4/3 0315 EG Dr Gene Scott pgm (Grenier-NV)
 5825 USA WENH 3/8 0015 EG rel, exc (Thompson-NY)
 5850 USA WSHB 3/14 0334 EG cmtry, ltrbox (T Jones)
 5855 BULGARIA RB 3/2 TK 1848 folk songs, ID, FC, fair (Serra-ITALY)
 5875 ENGLAND BBC 3/23 2032 PO nx, IDs, press, anmt //7210 (Serra)
 5887 BRAZIL SRI 3/11 0220 FR/SP/IT jazzy mx, ID, drama tlk (Jordan)
 5905 NORWAY R Denmark 3/11 2230 EG special bx (Barrera-ARGENTINA)

MIKE RYAN says Jaipur is still on 4910 to 1415* then to 3345 *1430.
 3295 has been discontinued.

RICH MCVICAR of HCJB says there'll be a test on 690 kHz May 13 0600-
 0630. That's late Friday night in some parts of America. This coincides
 with sev DXpeditions that weekend. If you hear something, please write
 to 690 DX Test c/o Frequency Management, HCJB, Box 17-17-691, Quito,
 ECUADOR. IRC is kindly requested. Rich will be at the station during
 the test, so you may call him then at 593-2-466-612. Wait for the tone,
 then punch Ext. 441. We will try to record your call for DXPL.

Apologies to VINCE PINTO for messing up his name last month. A couple
 discrepancies noted in these pages recently. The new US station is WVHA
 not KVHA. Also it is reported that Radio Oriente 6190 and Radio Oriental
 4780 are not on the air so whatever was logged here must've been
 something else.

CAROL SIEGEL is a tropical band DXer interested in DXing via cassette.
 She is interested in law, politics, non-fiction reading & writing,
 science, sports, culture of peoples, arts & crafts w/exception of cooking
 and sewing. If you would like to correspond with Carol, write her at
 6839 Parsons Ave, Baltimore, MD 21207-6423.

A great response this month. Thank you to all who took the time to
 contribute. This month contributors from 14 states and 3 countries.
 Next deadline May 19. Special greetings to Oklahoma DXers KIRK
 ALLEN & JOHN BRYANT. I hope you were safe and sound during the terrible
 terrorist action in Oklahoma City.

International Band Loggings

5901-30000 kHz

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



- 5905 TADJIKISTAN R Nederland via Dushanbe in EG 0030, ID, nx, documentary, p (Anderson MI 3/9)
- 5920 RUSSIA R Lena Yakutsk in RS 0931, intl nx, vocals, guitar, ID, het QRM (Robertson CA 2/12)
- 5920 RUSSIA R Aum Vladivostok in EG 2030, "Evangelique" (perhaps one of the last bcsts since the organization is allegedly the author of the terrorist action in Tokyo) (Placanica ITALY 3/14)
- 5920 CROATIA Croatian R in CR 1158, feature w/tlk & mx, pips, ID, nx, // MW 774 (Serra ITALY 3/5)
- 59246v VIETNAM V of Vietnam Hanoi in lang 1420-1559*, vcls, nx, ID, //10059 (Williams OR 4/2)
- 5930 CZECH REP. R Prague via Slovakia in EG 0257, ID, nx, wx rpts, cmtry (Levison PA 3/25)
- 5940 RUSSIA V of Vietnam relay Amavir? in EG *0400, ID, fqys, nx, nix, f (D'Angelo PA 3/4)
- 5955 AUSTRALIA RA in EG 1201, world nx, ID, "Talking Australia" feature, g (Lamb NY 4/9)
- 5960 CANADA R Japan relay in EG 0305, rpt on gas attack in Tokyo subway, ID (McGuire MD 3/22)
- 5965 HUNGARY R Budapest in EG *0330, ID, fqys, feature (Hankison KS, Lemke 3/24, Pasquale 3/21)
- 5965 CANADA BBC relay Sackville in EG 1135, "Meridian", writings of Proust (Fraser MA 3/16)
- 5965 UNITED KINGDOM R Korea relay in EG 2215, SWL program, ID (Kaminsky NJ 3/26)
- 5975nf USA WENW Birmingham in PT 0944, relig tlks, organ mx, ID, chorus, exc (Robertson CA 2/11)
- 5981 GUATEMALA AWR in SP 1215, relig tlk, organ mx, hymn, ID, QTH, f w/static (Lamb NY 4/9)
- 5990 ROMANIA RRI in EG 0220, rpt on steel making in Romania, ID, f (McGuire MD 3/22)
- 5995 AUSTRALIA RA in EG 1440, tlk on aridity of Australia, fin nx, ID (Robertson CA, Newbury NE)
- 6010 MEXICO R Mil in SP 1013, mx, ID "R Mil, La Estacion de la Ciudad", f (Jones MS 3/3)
- 6020 AUSTRALIA RA in Tok Pisin 1158*, Pacific mx, ID, fqys, IS, //6080, 9710 (Lamb NY 4/9)
- 6020 HOLLAND R Nederland Flevo in EG 0020, review of Dutch press, exc (Thompson NY 3/23)
- 6025 NIGERIA RN in EG 2309*, nx, ID, brief chorus selection, no NA at s/off (D'Angelo PA 3/30)
- 6025 HUNGARY R Budapest in EG *0200, features, ID, wx rpt (McGuire MD 3/22, Robinson TN 3/17)
- 6035 SRI LANKA TWR in lang *1330, IS, ID, long relig dialogue, lcl mx (Ryan THAILAND 3/23)
- 6040 ANTIGUA Deut Welle relay in EG 0110, "European Journal", current events, g (Fraser MA 3/15)
- 60499 NIGERIA RN in EG 2302*, nonstop vcls, ID, TC for midnight, s/off anmts, g (D'Angelo PA 3/31)
- 6055 RWANDA R Rwanda in lang 1720, tlks, Afro mx, into FR 1830, no EG nx (Ryan THAILAND 3/4)
- 6070 CANADA CFRX Toronto in EG 1445, ID, ads, call-in, f-p (Brewer KS, McGuire MD) 1 kw xmtx
- 6080 CHILE R Patagonia Chilena(p) in SP 0905, tlk to live audience, studio mx, f-g (D'Angelo PA 3/4)
- 6095 VATICAN STATE VR in EG 0250, ID, "The Rome Report", g (McGuire 3/22, Lemke ONT 3/31)
- 6105 BRAZIL R Cultura in PT 0906, romantic vcls, ID's between sets, f w/LSB (D'Angelo PA 4/1)
- 6110 PHILIPPINES VOA relay in EG 1455, "Asia Reporting", intl nx, ID, IS, TP (Robertson CA 4/8)
- 6115 PERU Union R Lima in SP 0623, ID "somos Union, La Radio", mx, anmts (Renfrew NY 3/21)
- 6120 SOUTH AFRICA Channel Africa in FR 0258, feature, fgy, TC, old RSA IS, f (Levesque 4/2)
- 6120 CANADA R Japan relay Sackville in EG 1128, daylight savings time for Japan? (Fraser MA 3/16)
- 6120 CANADA RCI in EG 0240, rpt on class action suits involving farmers, g (McGuire MD 3/21)
- 6130v LAOS LNR Vientiane in lang 1500*, lcl tunes, ments of Laos, band mx, NA (Williams OR 3/31)
- 6130nf PORTUGAL RDPI in EG 2015, ID, nx, wx, cmtry on Azores, QRM from REE (Ducharme MA)
- 6130 USA BBC relay Delano in SP *1100-1130*, IS, TP, ID, nx on L. Am affairs, f (Jordan PA 3/24)
- 6155 ROMANIA RRI in EG 0230, ID, feature on young people, nx of arts & theater (Robinson TN 3/21)
- 6185 MEXICO R Educacion in EG/SP 1202*, ID, mx, NA (Frodge MI 3/25) in SP 0425 (Levesque 3/26)
- 6188v PERU R Oriente in SP 1025, Andean mx, TC's, QRM from 6185, f (Jones MS 3/25)
- 6195 SWEDEN RSI in EG 0245, rpt on unemployment among immigrants, p (McGuire MD 3/21)
- 6250 EQUATORIAL GUINEA R Nacional in SP 2202*, ID, s/off anmts, NA (D'Angelo PA 3/5)
- 64718 PERU R Luz y Sonido in SP 0132*, tlk by YL, OA mx, f (Alexander PA 4/1)
- 65446v PERU R Imperial in SP 2350-0205*, ID w/echo comunicados beer ad, OA mx, QTH, NA, s/off times vary day to day (Rausch NJ 3/21, D'Angelo PA 3/31, Field MI 3/30)
- 6627 PERU I.a Voz de San Antonio in SP 0333, Andean mx, TC's, ID's, ads, f (Jones MS 3/1)
- 67265 PERU R Satelite in SP 0120-0340*, ID's, messages, short mx breaks, ment "Santa Cruz" QTH, NA (Renfrew NY 3/12, D'Angelo PA 4/1, Jones MS 3/3, Flynn OR 3/20) ED: Only 500 w per WR111
- 6803 PERU R Ondas del Mayo in SP 0204*, Andean mx, fast talking DJ, TC's, ID's, NA at s/off (Renfrew NY 3/18, Jones MS 3/3, Flynn OR 3/25)
- 6870 SOMALIA R Mogadishu(tent) in lang *0330, Koran reading, f/o 0346, no ID (Renfrew NY 3/18)
- 6950 CHINA CRI Xi'an in PT *2158, ID in PT/CH prior to s/on, nx, f (Frodge MI 3/4)
- 7020 ERITREA VO Broad Masses (tent) in lang 0420, YL tlking, elec mx, bad QRM (Renfrew NY 3/25)
- 7108nf? BOSNIA HERZEGOVINA RB1 in Serbo-Croat 1007, lcl nx, cmtry, //612 kz (Serra ITALY 3/11)
- 7150 SWAZILAND TWR in EG/lang 0400, ID in EG, rest of pgm in vernacular, p (Pasquale PA 3/9)
- 7180 HONG KONG BBC relay in EG 1420, pgm on cigar smoking, ID, exc (Robertson CA 4/8)
- 7205 BULGARIA RB Plovdiv in EG 0010, fqys, sked, econ & polit nx, g (McGuire MD 3/21)
- 7240 UKRAINE RUI in UK 0810, choral songs, classic opera, f, many //s (Serra ITALY 3/5)
- 7260 AUSTRALIA RA in EG 2015, pgm re efforts to control sex-related diseases, ID (Rausch NJ 3/26)

7305 BULGARIA RB in EG 1940, rpt on BG-GM conf on problems of young families (Fraser MA 3/15)

7325 UNITED KINGDOM BBC London in EG 0138, C&W mx, sked, health pgm, f (Brewer KS 3/28)

7360nf RUSSIA V of Vietnam relay in EG 0400, nx, cmntry, ID, folk mx, ex-5940, f (Alexander PA 4/1)

7370 CROATIA CR in EG/CR 2200-2320, nx in EG, ID, CR song (Pasquale PA 3/10, Frodge MI 3/24)

7400nf GUAM AWR AWR agat in lang 1530-1605, HD mx/songs, relig ancmts, xmsn to S Asia, ID as Voice of Hope in EG/lang, mail QTH, apparently a move from 7395, g/but CRI splatter (Treibel WA 4/3)

7465 ISRAEL Kol Israel in EG 0500, IS, ID, nx, wx, g (McGuire MD 3/21, Pasquale PA 3/15)

7550 SOUTH KOREA RK in KR 1748, tlk, vcls, feature on KR mx, //6480 (Serra ITALY 3/10)

9335 ETHIOPIA R Fana in Amharic *0326, mx box IS, ID's, nx, mx sels, f (D'Angelo PA 4/2)

9375 GREECE FTH Athens in GK *0459, IS, NA, world nx, p, //7450 (Flynn OR 3/25)

9440 SLOVAKIA RSI in EG 0100, ID, IS, polit nx, rock mx (McGuire MD 3/24, Frodge MI 3/25)

9480 MONACO TWR in lang *1725, mx box IS, ID, relig tlk, hymns (Ryan THAILAND 3/26)

9555 UNITED KINGDOM R Canada relay in EG *1427, IS, ID in EGT/FR, nx, wx (Serra ITALY %))

9555 PHILIPPINES R Veritas in EG 1426*, ID, fgy, sked for pgm in Mandarin (Serra ITALY %))

9575 ITALY RAI in EG 1938, nx re major storm hitting Italy, g, //11905 (Fraser MA 3/14)

9580 GABON Africa #1 in FR 1918, upbeat pop mx, DJ taking call-ins, QRM (Frodge MI 3/24)

9590 NORWAY R Denmark relay in EG 1330, spec pgm on World Social Summit (Placanna ITALY)

9605 UNITED ARAB EMIRATES Abu Dhabi in EG 2300, press review of Arab papers (McGuire 3/24)

9615 AUSTRALIA RA in EG 1329, "Business Review", violence in frontier Aust, ID, phone #, sermon (Hankison KS 3/25)

9615 PORTUGAL D Welle relay in SP 0013, class piano, ID, interview, //15105, 6040 (Lamb NY 4/11)

9630nf BOTSWANA VOA relay in EG 0516, nx re Burundi, "Business Update", f/QRN (Lamb NY 3/29)

9645 COSTA RICA TIFC Faro del Caribe in SP 0507, contemp Christian mx, ID, phone #, sermon //5055 (Lamb NY 3/29) in SP 1315, nx, ID, Luis Palau, QTH, nx from VOA (Field MI 4/3)

9655 AUSTRIA RAI in EG 0135, ID, national & econ nx, ment of WW II, g (McGuire MD 3/24)

9659 VENEZUELA R Rumbos in SP 2335, hi-stepping mx, ID's, chimes, g (Levesque 4/2)

9670 NO MARIANAS KFBS-FEBC Saipan in CH 1359, mx, ID in EG 1400, f (Hankison KS 3/25)

9685 TURKEY VOT in TK/EG 2130, lcl mx, vcls, brief tlks, into EG 2200, ID, sked, p (Jordan PA 4/6)

9700 BULGARIA RB in EG 0000, feature, ID, cmntry (Fraser MA, McGuire MD, Lemke ALBERTA)

9715 UZBEKISTAN R Tashkent in EG 1330, ID, nx, cmntry, folk mx, f, //13785 (Alexander PA 3/18)

9725 COSTA RICA AWR in EG 2300, "Wavescan" (Field MI, Lemke ALT) in FR 0535 (Uhlter CA 3/29)

9736 PARAGUAY R Nacional in SP 0030, "Musica" pgm, ID, nx (Jordan PA 3/26, Jones MS 3/10)

9760 PORTUGAL VOA relay in EG 2055, editorial on US international policies, f (Fraser MA 3/16)

9780v YEMEN R Sanaa in EG 1830, nx, UN in Africa, pop mx, QRM RPODI (Ducharme MA 3/14)

9830ssb CUBA RHC in EG 0120, feature, nx, mx, QSL ancmt (Fraser MA 3/15, Jones 3/9)

11402 ICELAND Reykjavik(p) in IC 1633, basketball game coverage, C&W mx, f (Frodge MI 3/25)

11455 CHINA CRI Kunming in lang? 1326*, instrum mx, IS, lang not Mandarin (Frodge MI 3/26)

11570 PAKISTAN RP in Urdu 1415, lcl mx, ancmts, //13590, 15676 (Serra ITALY 3/4) in EG 1705, ID, nx, "Words of Faith", wx, world service for W Europe (D'Angelo PA, Frodge MI, Ducharme MA 3/29)

11610 CHINA CPS Beijing in lang 2115, ezl mx, tlk by OM, ID, more amx, f (Ducharme MA 3/6)

11610 SLOVAKIA AWR in FR *1600-1700*, IS, ID, relig sermon, hymns (Ryan THAILAND 3/24) in lang? *1800, ID in EG, into lang pgm, new time on this fgy, f (Ducharme MA 3/29)

11620 INDIA AIR Bangalore in EG 1800, ID, nx by YL, class HD mx pgm, exc (Ducharme MA 3/11)

11660 BULGARIA R Bulgaria in SP 2300, IS, ID, sked, fgy, nx, p (Brewer KS 3/29)

11695 AUSTRALIA RA in EG 1820, "Asia Focus", ID, TC, "International Report" (Serra ITALY 3/9)

11705 CANADA R Japan relay in EG 1400, more police raids on cult, "Media Round" (Newbury 3/26)

11705 BRAZIL R Nova Visao in PT 0000*, sermon, hymn, ID, vocal NA (D'Angelo PA, Flynn OR)

11715 MALI China R Int relay in EG 0023, "Current Affairs", ID's, sports pgm, //9710 (Lamb NY 4/12)

11750 SINGAPORE BBC relay in EG 1346, "News 1 Hour", educ budget cuts in UK, f (Hankison KS 3/25)

11780 BRAZIL RN de Amazonia in PT 2245, ID's, pop mx, promos (Newbury NE 3/10, Levesque 4/2)

11830 BRAZIL R Anhanguera in PT 0036, nx, ID, singing ad, promo, pop mx, f/stat (Lamb NY 4/12)

11835 SRI LANKA SLBC in EG 1050-1130*, nx, relig pgm to 1100, pop mx, f (Frodge MI 3/26)

11840 RUSSIA Sakhakins R in RS 2025, tlks, ID, folk/heroic vcls, polit tlks (Jordan PA 4/6)

11855 THAILAND R Thailand in EG 1900, "Environmental Forum in Bangkok" (Placanna ITALY)

11890 OMAN R Oman in AR 1420, long tlks by OM & YL, prayers (Ryan THAILAND 3/22)

11900 NEW ZEALAND RNZ1 in EG 0550, sports roundup, ad for NZ bank (Uhlter CA 3/25, Jones 3/26)

11900 FINLAND RF in FN/EG 1340, feature on crime, Finnish lessons, f-g (Frodge MI 3/26)

11920 THAILAND VOA relay in EG 1835, sports nx, ID, chats, features, f-p (Serra ITALY 3/9)

11925 GABON R Japan relay in EG 2140, "Let's Practice Japanese", g (Fraser MA 3/16)

11940 ROMANIA RRI in EG 1347, "Sunday Studio", "Romanian by Radio", g (Frodge MI 3/26)

11950 KAZAKHISTAN R Kazakhstan in KZ? 0220, long tlks, nx?, ID in langs, no EG (Jordan PA 3/26)

11995 PHILIPPINES FEBC in EG 1315, ID, jingle, "DX Dial", pgm on SWL, g (Ducharme MA 3/8)

12000 MONGOLIA R Ulan Bator in JP 1230*, long tlk, folk songs, ID in EG (Ryan THAILAND 3/24)

120059 TUNISIA RTVT in AR 1950, tlk, AR mx, f, better on //74747 (Alexander PA 3/19)

12015 RUSSIA R Nadezhda in RS 2003, phone-ins, EG pop mx, ID's (Frodge MI 3/25) Tough catch!

12015 GABON R France Int relay in EG 1600, "Spotlight on Africa", nx features (Frodge MI 3/25)

12050 EGYPT R Cairo in AR 2300, radio drama, child w/brief tlk, ID's, obvious nx segment, f-g, QSB (Jordan PA 3/25, Newbury NE 2/24)

- 13635 SWITZERLAND SRI in EG 1704, "Newsnet", fact finding at Chechnya, f (Lemke ALBERTA 3/7)
- 13670 CANADA RCI in EG 2225, sports nx mostly re baseball strike, ID, QTH, f (Levesque 4/2)
- 13675 UNITED ARAB EMIRATES R Dubai in EG 1330, nx re fighting in Burundi & Chechnya, f-p (Pasquale PA 3/11) in EG 1605, the life & work of Al Gira(sp?), p (Lemke ALBERTA 4/3)
- 13710 BOTSWANA VOA relay in EG 1855, "Africa World Tonight", ID, QTH (Serra ITALY 3/9)
- 13750 COSTA RICA AWR in EG 2338, "Insight and Entertainment", ID's, QTH, nx, f (Lamb NY 4/11)
- 13760 NORTH KOREA R Pyongyang in EG 0031, mx, tlk re mountains in NK, NA, exc (Uhler CA 3/14)
- 13760 USA WHIRI w/Voice of Oromo Liberation pgm in lang 1600-1646*, no EG, Ethiopian-style mx, occas tlk w/echo effect, ID (Berg MA 3/10, D'Angelo PA 3/31) Not heard daily per Berg.
- 13785 UZBEKISTAN R Tashkent in EG 1333, nx, ID's, fgy, lcl mx, sport pgm, //9715 (Serra ITALY 3/4) in EG 1200, tlk re Uzbekistan referendum, "Special Mailbag", pop mx, g (Robinson TN 3/19)
- 13805nf7 NORWAY R Denmark relay in DN 1529, IS, ID, into nx & interview, g (Ducharme MA 4/5)
- 15008ret VIETNAM V of Vietnam in EG 1330, polit & econ tlks, instrum mx bridge, nx, p (Jordan PA 3/30) in EG 1229, IS, NA, ID, fgy, sked, nx, f (Ducharme MA 3/8) ED: Last rptd here Apr 94 (June issue)
- 15050 COSTA RICA RFPi in EG 2215, tlk re threat from religious right, ID, QTH, p (Brewer KS 3/27)
- 15135 GERMANY Deut Welle in EG 2143, tlk re computers, sked, fgy, W Afr beam, g (Brewer KS 3/27)
- 15168 FRENCH POLYNESIA RFO Tahiti in FR/TT 0130-0420, TT mx, FR ads, Polynesian ukes, Elvis Presley, f-p (Pasquale PA 3/9, Uhler CA 3/22, Frogge MI 3/25)
- 15190 FRENCH GUIANA R France Int relay in FR/SP 2227-2320 t/o, FR to 2300, rock & rap mx, ID, fgy, relay site QTH 2300, IS, into SP 2300, nx, instrum mx, vg (Jordan PA 3/18)
- 15265 BRAZIL Radiobras in PT/EG 1719, BR pop songs, ID, QTH, IS, f (Serra ITALY 3/11)
- 15345 MOROCCO RTV Marocain in AR 2005, chants, no instruments, nx 2030 (Newbury NE)
- 15365 AUSTRALIA RA in EG 2209, world nx, recap, ID at 9 min after, more nx, p (Levesque 4/2)
- 15400 FINLAND RF in EG 1515, new Summer sked, ID, cmnts from FN newspapers, g (Brewer KS 3/26)
- 15410 MOROCCO VOA relay in EG 2045, making simple houses of earth, g (Fraser MA 3/16)
- 15415 LIBYA R Jamahiriya in AR 1855, tlk, audience clapping, instrumts, chants, exc (Uhler CA 3/22)
- 15435 LIBYA R Jamahiriya in AR 1850, pre-recorded rpts, M East mx, f, //15415 (Hankison KS 3/20)
- 15475 GABON R Africa #1 in FR 1847, African nx rpts from various African cities (Hankison KS 3/20)
- 15530 FRANCE RFI in EG 1245, "Made in France" pgm on jewelry making, g (Fraser MA 3/17)
- 15625 PAKISTAN R Pakistan in EG 0800, Holy Qu'ran w/trans to EG, nx (Placanica ITALY)
- 17525 GREECE V of Greece in GE/EG 0930-0950*, GK mx, nx in EG, //15650 (Ryan THAILAND 3/17)
- 17655 UKRAINE R Kiev in EG 2320, country on refugees returning to Georgia, g (Levison PA 3/23)
- 17800 SOUTH AFRICA D Welle relay in EG 1130, "Hello Africa", pop mx requests, f (Fraser MA 3/17)
- 17895 MOROCCO VOA relay in EG 1837, interview w/Atlanta Olympics organizer (Hankison KS 3/29)
- 21470 CYPRUS BBC relay in EG 1620, sports pgm, ID, //9740, 15260, g (Froemming AZ 3/25)
- 21490 ASCENSION IS BBC relay in EG/Somali 1426, DJ w/pop mx, ID, nx in lang (Serra ITALY 3/5)
- 21580 PAKISTAN R Pakistan in Urdu? 0530-0630*, lcl folk mx, YL host, nx, //17555 (Ryan THAI 4/2)
- 21580 FRANCE R France Int in FR 1500, ID, nx, //21620, 21685, f (Froemming AZ 3/24)
- 21605 UNITED ARAB EMIRATES Dubai in AR 1530, no tlk, lots ME mx (Levison PA, Froemming AZ)
- 21645 FRENCH GUIANA R France Int in FR 1515, international nx, mx mixed with tlk (Froemming 3/24)
- 21655 PORTUGAL RDPi in PT 1510, replay of soccer match with German team, f (Froemming AZ 3/23)
- 21660 ASCENSION IS BBC relay in EG 1415, guide to information superhighway, frtys, nx, sports, opera selections (Serra ITALY 3/5, Levison PA 3/23, Froemming AZ 3/25)
- 21700 GABON R Japan relay in JP 1630, JP traditional mx pgm, some chanting, ID, f (Froemming 3/24)
- 21775 ITALY R Roma in IT 1515, ID, nx, upbeat IT/Eur mx, soccer game (Levison PA, Froemming 3/24)
- 21800 UKRAINE R Ukraine in UK? 1515, ID, nx, ethnic mx pgm, p (Froemming AZ 3/22)

CLANDESTINE STATIONS

- 7515 ETHIOPIA V of the Tigre Revolution in lang *0356, wind instrum IS, ID w/heavy echo, tlk, M East influenced African mx, t/o by 0415 (Rausch NJ 33/21)
- 11610 ALGERIA Nat R of Saharan Arab Dem in AR *1800-2100, NA, ID, Koran prayer, african chanting, interviews, mx, f (Ducharme MA 3/17)

ERRATA: In my haste to meet the deadline for the March issue, I made an inadvertent error on the entry for 11785. The entry for Gabon was reported as the relay for R France Int when actually the program was the relay for R Japan. Giovanni Serra points out to me that RFI does not have a program in Italian. My apologies for the mixup.

Welcome to the first-time contributors who formerly sent their loggings to SPEEDX. This may be a good time to remind members to include sufficient details about program content, including ID or // frequencies, in their loggings. It is not necessary to go into great detail but something more than "news & music" should be included in order to make the information worthwhile to the other members. Also it is much appreciated if the loggings are cut into individual slips of sufficient size to be handled. This is not an essential requirement if you are hung up on clipping things with scissors.

English Schedules

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Prepared 4/27/95.

Thanks to C. Ed Evans (MRI), Dave Kenny (BBCM), Adam Lock (WWCR), Jonathan Marks (RN), Dale Park (HI), Andy Sennitt (WRTH), and Jeff White (WRMI)..

Bangladesh: Dale Park sent along an RNZI and R Norway schedule, and mentioned that he's been hearing R Bangladesh on 7185 at 1230. I've lost track of them since the March 26 — very difficult to hear in these low solar cycle conditions — but Dave Kenny sent along an April 18 update..

Bulgaria: New times are being announced for the DX Program for Radio Amateurs and SWLs. The show airs in the last quarter hour of Fridays 1900 and 2300, Sundays 0400, 1130, 2100 and 2300.

Ecuador: There will be another MW HCJB test on May 13 0600-0630 UT. Bilingual announcements, music, and Morse code IDs. This one will use the 690 kHz 25kw transmitter at Pifo, the home of the SW transmitters.

Ukraine: The NAm service of R Ukraine Int'l has been very difficult to hear. I can only occasionally hear 9750 at 00 and 9835 at 03.

USA: Transmitter problems at WINB, Red Lion, PA, took the station off the air for more than two weeks in late March into April. WEWN has now

changed to 7425 for 24-hour service to NAm.

Media Shows: AWR's *WaveScan* via WRMI and HRJA are no longer part of *Viva Miami*, but now have their own time slots. WRMI: Sa 2200, 2345, Su 1130, 1245. HRJA: Sa 2200 and 2345. And the first of the two *World of Radio* Friday afternoon airings on WWCR was dropped when the time period was sold. And via cyberspace: Al Weiner will be producing a new weekly media show — not *Radio Newyork International* as first reported — airing UT Mondays 0400 on WWCR on 7435.

Yugoslavia: The NAm service from Belgrade is very difficult to hear, but mid-month I finally found it at 00 UT on 9580.

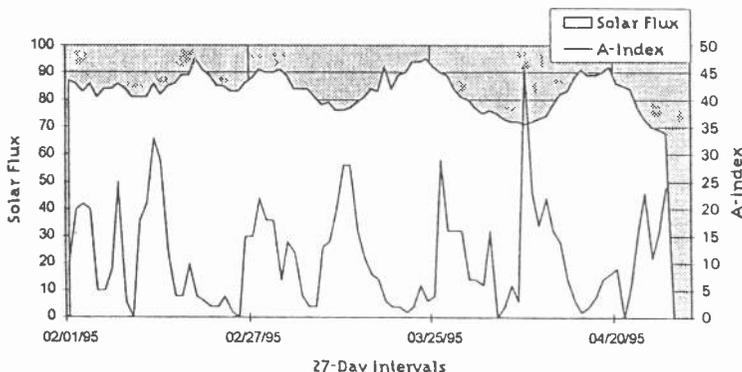


Have access to the World-Wide Web?

Check out our new Web pages posted at <http://www.pics.com/trs>. It includes a *News You Can Use* page that includes information on the new Drake R8A and Lowe HF250 receivers, plus a link to our list of RTTY press frequencies. We'll be updating the news page and the graph below on a regular basis.

There's a new format for the schedules this time around. Transmission start times are divided by a horizontal rule. Within each grouping, read the columns from right to left. An expanded four-part report is now available in print form (see below).

SOLAR FLUX & A-INDEX: FEB-APR '95



New! English Language SWBC Schedules now available in print form. Updated at least four times a year, here are four reports: Schedules by Country and Station; Schedules by Transmission Time; DX/Media Shows by Country and Station; and DX/Media Shows by Day of the Week. Approximately 60 pages of information. Call or write Gilfer Shortwave for ordering information and availability.

<http://www.pics.com>

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

Schedules

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

Read columns left to right.

0000

<p>0030 Australia—R Australia: As/Pac/PapNG 17750 13745 13605 11855 9850</p> <p>0027 Czech—R Prague: NAm 7345 5930</p> <p>0100 Spain—R Extenor de Espana: NAm 9540</p> <p>0200 USA—KAJL NAm 13815 13740</p> <p>2400 USA—WEWN NAm 7425</p> <p>1100 USA—WINB CAm 11950</p> <p>0100 USA—WSHB: eNAm/Carib 7535 7535</p> <p>0100 USA—WYFR: NAm 6085 Notes. Network Tu-Su</p>	<p>0055 China—China R Int'l: eNAm 11715 9710</p> <p>0050 North Korea—R Pyongyang: Am 15130 13760 11335</p> <p>0100 Ukraine—R Ukraine Int'l: NAm 11875 11780 9835 9750 4825</p> <p>0100 USA—VOA: Carib/American Republics 15205 13740 11695 9775 9455 7405 6130 5995 Notes: #3,5,7 Caribbean program</p> <p>0100 USA—WEWN: SAm 15375</p> <p>2400 USA—WJCR: neNAm/Eu/ME/CA/SA 17595 13595 7490</p> <p>0200 USA—WVHA: swEu/n&eAf 9853 Notes: Sa 0100-</p> <p>0030 Yugoslavia—R Yugoslavia: eNAm 9580</p>	<p>0800 Costa Rica—R for Peace Int'l: LAm/VN 9400U 7385</p> <p>0100 Russia—V of Russia: World Service 15425 15180 11750 9720 9530 5940</p> <p>0100 United Kingdom—BBC: Americas 11750 9915 9590 7325 6175 5975 5970</p> <p>0100 USA—VOA: eAs/seAs/Pac 17820 17735 15290 15185 11760 9770 7215</p> <p>0200 USA—WEWN: Eu 5825</p> <p>0100 USA—WSHB: CAm/SAm 9430</p> <p>1100 USA—WWCR: Eu/ME/nAf 7435 Notes. tx # 1</p>
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0030

<p>0100 Australia—R Australia: As/Pac/PapNG 17860 17795 17750 15365 15240 13755 13605</p> <p>0130 Iran—V of Islamic Rep of Iran: NAm 9670 9022 7260</p> <p>0100 Sweden—R Sweden: LAm 9810 6065</p>	<p>0100 Australia—R Australia: As/Pac/PapNG 15510 13745 11855 9660 9580</p> <p>0125 Netherlands—R Netherlands: eNAm 9840 6165 6020</p>	<p>0500 Ecuador—HCJB: NAm 21455U 15540U 9745</p> <p>0125 Netherlands—R Netherlands: sAs 7305 5905</p>
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0050

0110 Italy—RAI: NAm
11800 9645

0100

<p>0400 Australia—R Australia: As/Pac/PapNG 17860 17795 17750 17715 15415 15365 15240 13605</p> <p>0200 Cuba—R Havana: eNAm 9830U 6000</p> <p>0130 Hungary—R Budapest: NAm 11910 9835 6010</p> <p>0130 Norway—R Norway Int'l: NAm/SAm 9560 7480 Notes: Mo only</p> <p>0127 Slovakia—R Slovakia Int'l: NAm 9440 7300 5930</p> <p>0130 Switzerland—Swiss R Int'l: NAm/CAm 9905 9885 6135 5885</p> <p>0200 USA—VOA: Carib/American Republics 15205 13740 11695 9775 9455 7405 6130 5995</p> <p>0200 USA—WSHB: CAm/SAm 9430</p>	<p>0400 Australia—R Australia: As/Pac/PapNG 17880U 15510 15245 9660 9580</p> <p>0127 Czech—R Prague: NAm 9405 7345</p> <p>0200 Japan—R Japan: GOS:As 17845 17810 11900 11900 11860 11840</p> <p>0200 Russia—V of Russia: World Service 15580 15425 15180 12050 9530</p> <p>0200 South Korea—R Korea: Am 15575 11810</p> <p>0200 United Kingdom—BBC: Americas 11750 9915 9590 7325 6175 5975 5970</p> <p>0300 USA—VOA: sAs 21550 17740 15250 15170 11725 11705 9635 7205 7115</p> <p>1200 USA—WWCR: Eu/ME/nAf 5935 Notes. tx #2</p>	<p>0159 Canada—R Canada Int'l, Carib/LAm/NA 13670 11940 9755 9535 6120 Notes: #1,2,4 Tu-Sa -0130</p> <p>0150 Germany—R Deutsche Welle: NAm 11865 11740 9640 9555 6145 6085 6040 930</p> <p>0200 Japan—R Japan: GOS: NAm 9680 5960</p> <p>0200 Slovakia—AWR Europe: India 9465</p> <p>0200 Spain—R Exterior de Espana: NAm 9540</p> <p>1500 USA—KTBN: eNAm 7510</p> <p>0200 USA—WSHB: cNAm 7535</p> <p>0500 USA—WYFR: NAm 9505 6065 Notes: #1&2 Network Tu Su</p>
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0130

<p>0200 Austria—ORF: NAm 9655</p>	<p>0140 Greece—V of Greece: NAm 9935 7448 6260</p>	<p>0225 Netherlands—R Netherlands: sAs 11655 9860 7305 5905</p>
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Schedules

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

Read columns left to right.

0130

0200 Portugal—R Portugal: NAm/SAm
9570 6175
Notes: Tu-Sa

0200 Sweden—R Sweden: As/Pac
9695

0140

0200 Vatican State—Vatican Radio: As/Aus
9650 7335

0145

0200 Albania—R Tirana: NAm
7160 6145
Notes: freq's vary

0200

<p>0300 Argentina—RAE: Americas 11710 Notes: Tu-Sa</p> <p>0330 Egypt—R Cairo: NAm 11600 9475</p> <p>0300 Russia—V of Russia: World Service 15425 15180 9530</p> <p>0300 United Kingdom—BBC: Americas 9915 9590 7325 6175 5975 5970</p> <p>0700 USA—KVOH: CAm/Carib 9785</p> <p>0300 USA—WVHA: swEu/n&eAf 7465 Notes: Mo & We</p>	<p>0259 Canada—R Canada Int'l: Carib/LAm/NA 13670 11940 9755 9535 6120 Notes: #2,4,5 Tu-Sa -0230</p> <p>0250 Germany—R Deutsche Welle: sAs 12045 11965 11945 9690 9640 9615 7285 1548</p> <p>0300 Taiwan—V of Free China: NAm 9680 5950</p> <p>0300 United Kingdom—BBC: Europe 9410 6195</p> <p>0300 USA—WSHB: w&cNA 5850</p>	<p>0400 Cuba—R Havana: cNA/m/eNA 9830U 9820 6000</p> <p>0255 Romania—R Romania Int'l: NAm 11940 9570 9510 6155 5990</p> <p>0300 Taiwan—V of Free China: CAm 11740</p> <p>1400 USA—KALJ: NAm 9815 5810</p> <p>0300 USA—WSHB: Mexico 9430</p>
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0230

<p>0300 Albania—R Tirana: NAm 7160 6145 Notes: freq's vary</p> <p>0325 Netherlands—R Netherlands: sAs 11655 9860</p>	<p>0300 Austria—ORF: NAm 9655</p> <p>0245 Pakistan—R Pakistan: As 21730 17725 17705 15190 7290 Notes: Slow-speed news</p>	<p>0300 Hungary—R Budapest: NAm 11910 9835 6010</p> <p>0300 Sweden—R Sweden: NAm 9850 7120</p>
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0250

0315 Vatican State—Vatican Radio: NAm
7305 6095

0300

<p>0355 China—China R Int'l: wNA/m/eNA 11715 9710 9690</p> <p>0330 Japan—R Japan: Reg Svc: NAm/Hawaii 15230 11895 11885</p> <p>0500 South Africa—Channel Africa: e&cAf/ 5955 3220</p> <p>0400 Ukraine—R Ukraine Int'l: NAm 9860 9835 9810 9685 7405 7240 6020 5915 4780</p> <p>0400 United Kingdom—BBC: Europe 12095 11760 9410 6195 6180</p> <p>0400 USA—WSHB: eAf 9455</p>	<p>0327 Czech—R Prague: NAm 7345 5930</p> <p>0400 Japan—R Japan: GOS:As 17810 11840</p> <p>0400 Taiwan—V of Free China: NAm 9680 5950</p> <p>0400 United Kingdom—BBC: Africa 11730 9610 9600 6190 6005 3255</p> <p>0400 USA—VOA: Africa 15300 9575 7405 7340 7280 7265 7105 5980</p> <p>0400 USA—WVHA: swEu/n&eAf 7465 Notes: Su</p>	<p>0350 Germany—R Deutsche Welle: NAm 11750 9640 9615 6185 6085</p> <p>0400 Japan—R Japan: GOS:NA 9680</p> <p>0350 Turkey—V of Turkey: NAm 9445</p> <p>0400 United Kingdom—BBC: Americas 9915 7325 6175 5975 5970</p> <p>0400 USA—WSHB: wNA 5850</p> <p>2200 Zimbabwe—Radio 3: Domestic 4828 3396 Notes: only 1 active-check both</p>
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Schedules

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

Read columns left to right.

0320

0350 Vatican State—Vatican Radio. eAf
9660 7360

0330

0400 Sweden—R Sweden: NAm
9850 7120

0430 Tanzania—R Tanzania: eAf
5050
Notes: External Svc

0400 United Arab Emirates—R Dubai: NAm
21485 15400 13675 11945

0340

0350 Greece—V of Greece. NAm
9935 7448 6260

0400

0500 Australia—R Australia: As/Pac/PapNG
17860 17795 17750 15415 15365
15240 13605

0455 China—China R Int'l: eNAM/vwNAM
11840 9730

0415 Israel—Kol Israel. NAm/wEu
9435 7435

0425 Romania—R Romania Int'l: NAm
11940 9570 9510 6155 5990

0430 Switzerland—Swiss R Int'l: NAm
9905 9885 9860 6135
Notes: #1-05

0500 United Kingdom—BBC: Europe
17640 15575 12095 11760 9410
6195 6180

0500 USA—VOA: Eu/nAf
15205 7200 7170 6873L 6040
6010 5995 3985

0700 USA—WRNO. NAm/CAm
7395

0500 USA—WYFR. Eu/Af
9370

0430 Australia—R Australia: As/Pac/PapNG
17880U 15245 9660 9580

0500 Cuba—R Havana: cNAM/eNAM
9830U 9820 6180 6000

0450 North Korea—R Pyongyang: seAs
17765 15230 15180

0500 Russia—V of Russia: World Service
12050

0500 United Kingdom—BBC: Africa
11730 9610 9600 7160 6190
6005 3255

0800 USA—KWHR. As
17780

0500 USA—VOA: ME
15205 11965 6010

0500 USA—WSHB: eEu/Russia
7535

0600 Vietnam—V of Vietnam. Eu
7360
Notes: Pgm rpld 4x

0500 Bulgaria—R Bulgaria: NAm
11720 9700

0450 Germany—R Deutsche Welle: Af/ME
11765 9765 9565 7225 7150
6185 6120 6015

0430 Norway—R Norway Int'l: wNAM
7480

Notes: Su only
0500 Slovakia—AWR Europe: Af/eAf
13715 9455

0500 United Kingdom—BBC: Americas
6175 5975

0430 USA—VOA: Africa
15300 9575 7405 7340 7280
7265 5980

0700 USA—WMLK:
9465

Notes: Mo-Sa
0500 USA—WSHB. c&sAf
9840

0430

0500 Australia—R Australia: As/Pac/PapNG
17880U 15510 15245 9660 9580

0630 Swaziland—Trans World Radio: Cape
6070

0500 Yugoslavia—R Yugoslavia: wNAM
9580

0525 Netherlands—R Netherlands: wNAM
9590 6165

0805 Swaziland—Trans World Radio: sAf
5055
Notes: -0835 Mo-Fr

0630 Swaziland—Trans World Radio: sAf
3200

0500 USA—VOA: Africa
15300 9575 7405 7280 7265

0459

0716 New Zealand—R New Zealand Int'l: Pa
9570
Notes: SaSu -0758

0500

0529 Canada—R Canada Int'l. Af/ME/Eu
17640 15430 7295 6050
Notes: Mo-Fr

0550 Germany—R Deutsche Welle: NAm
11705 9515 6185 5960

0600 Japan—R Japan: GOS:Eu
7230 5975

0700 Cuba—R Havana: wNAM
9830U 9820

0600 Japan—R Japan: GOS:As
17810 11955 11740

0700 Nigeria—V of Nigeria: wAf
7255

0700 Ecuador—HICJB: NAm
21455U 9745

0600 Japan—R Japan: GOS:NAM
11885 9680 6110

0600 Russia—V of Russia: World Service
12050 12010

Schedules

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

Read columns left to right.

0500

0600 South Africa—Channel Africa: wAf/sA 9695 5955	0600 Spain—R Exterior de Espana: nAm 9540	0600 United Kingdom—BBC: Africa 17885 15420 9600 7160 6190 6005 3255
0600 United Kingdom—BBC: Americas 9640 5975	0600 United Kingdom—BBC: Europe 17640 15575 12095 11760 9410 6195 6180	0600 USA—VOA: Africa 12080 9630 9575 7405 6035
0600 USA—VOA: Eu/nAf 15205 7200 7170 6873L 6140 6040 5995 3985	0600 USA—VOA: ME 15205 11965 6140	1000 USA—WHRI: Eu 7315
0600 USA—WSHB: cEu 7535	0700 USA—WYFR: nAm 5985	0600 USA—WYFR: Eu/Af 11580 9985
0530 Vatican State—Vatican Radio: e&sAf 13765 11625 9725	0520 Vatican State—Vatican Radio: Eu 5965 4010 Notes: European 1st pgm	2030 Zimbabwe—Christian Voice: Domestic 4965

0505

0805 Swaziland—Trans World Radio: s&cAf
9500
Notes: -0835 Mo-Fr

0530

0600 Austria—ORF: nAm 6015	0555 Romania—R Romania Int'l: Af 17790 17745 15380 15250 11940	0600 United Arab Emirates—R Dubai: seAs/ 21700 17830 15435
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0600

0800 Costa Rica—AWR Pan America: Am 13750 6150 5030	0700 Japan—R Japan: GOS:As 17810 11955	0800 Malta—V of the Mediterranean: ME 9785 1557
0650 North Korea—R Pyongyang: seAs 15230 15180	0630 Norway—R Norway Int'l: NZ/Aus 15175 Notes: Su only	0700 Slovakia—AWR Europe: c&wAf/nwEu 13715 7215
0700 South Korea—R Korea: wNAM 7205	0630 Switzerland—Swiss R Int'l: Af 15340 13635 9885	0700 United Kingdom—BBC: Africa 17885 15420 15400 11940 11860 9600 7160 6005
0700 United Kingdom—BBC: Americas 9640	0700 United Kingdom—BBC: Europe 17640 15575 15070 12095 11760 9410 6195 6180	0630 USA—VOA: Africa 12080 12035 11950 9665 9630 7405 6035
0700 USA—VOA: Eu/nAf 11805 7325 7170 6873L 6140 6060 6040 5995 3985	0700 USA—VOA: ME 11965 6140	0800 USA—WSHB: wEu 7535
0800 USA—WYFR: Eu/Af 13695 9985 7355		

0605

0805 Swaziland—Trans World Radio: Cape
9650
Notes: -0835 Mo-Fr

0630

0700 Austria—ORF: nAm 6015	0700 USA—VOA: Africa 12080 11950 9665 9630 7405 6035 Notes: Sa-Su
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0632

0642 Romania—R Romania Int'l: Eu
11840 11775 9665 9510 7175
7105
Notes: news

Schedules

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

Read columns left to right.

0635

0805 Swaziland—Trans World Radio sAf
6070
Notes -0835 Mo-Fr

0645

0715 Romania—R Romania Int'l. Pac
17805 17720 15335 15250

0700

<p>0830 Ecuador—HCJB Eu 21455U 15540U 11835</p> <p>0800 Japan—R Japan: GOS.As 21610 17810 11955 11740</p> <p>0800 Japan—R Japan: GOS.ME 15335</p> <p>0730 Switzerland—Int'l Red Cross Eu 6165 Notes: last Su/mo</p> <p>0800 United Kingdom—BBC. Amencas 9640</p> <p>0800 USA—WVHA n&eEu/wAs 9870 Notes: Sa</p>	<p>1130 Ecuador—HCJB: sPac 21455U 15540U 6135</p> <p>0800 Japan—R Japan: GOS.Oc 11850</p> <p>0800 Japan—R Japan: GOS.cAf 17815</p> <p>0800 Taiwan—V of Free China: NAm 5950</p> <p>0800 United Kingdom—BBC. Europe 17640 15575 15400 15070 12095 11760 9410 6195 6180</p>	<p>0930 Ecuador—HCJB. "Worldwide" 15540U</p> <p>0800 Japan—R Japan: GOS.Eu 7230 5975</p> <p>0750 North Korea—R Pyongyang: seAs 17765 15340</p> <p>0800 United Kingdom—BBC: AfInca 17885 17830 15400 15070 11940 9600 7160 6190 6005</p> <p>0800 USA—WEWN. SAm 5965</p>
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0717

1206 New Zealand—R New Zealand Int'l Pa
6100
Notes: SaSu 0759-

0730

0825 Netherlands—R Netherlands: Pacific
11895 9720

0800

<p>1200 Costa Rica—R for Peace Int'l. LAm/N 9400U</p> <p>0850 North Korea—R Pyongyang. seAs 15230 15180</p> <p>0900 South Korea—R Korea: Eu 13670 7550</p> <p>0900 United Kingdom—BBC. Europe 17640 15575 15400 15070 12095 11760 9410</p> <p>1000 USA—WSHB. Eu 7535</p>	<p>0915 Guam—KTWR: seAs/Indon 15200</p> <p>0830 Norway—R Norway Int'l. ME 15220 Notes: Su only</p> <p>0900 United Kingdom—BBC: AfInca 17885 17830 15400 15070 11940 6190</p> <p>0900 USA—KNLS: eCIS/China 5615</p> <p>0900 USA—WVHA: Eu/ME 9870 Notes: Sa</p>	<p>0900 N Manana Is—KHBI NZ 9425</p> <p>0855 Pakistan—R Pakistan: wEu 17900 15625</p> <p>0900 United Kingdom—BBC: Amencas 9640</p> <p>1400 USA—KWHR. As 9930</p>
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0830

<p>0925 Netherlands—R Netherlands: Pacific 9720</p>	<p>0857 Slovakia—R Slovakia Int'l. Aus 17485 15640 11990</p>
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0845

1000 Guam—KTWR. sPac
11805

Schedules

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

Read columns left to right.

0900

1000 Guam—KSDA: As 9530	1000 Japan—R Japan: GOS:As 15190 9610	1000 Japan—R Japan: Reg Svc:Oc 11850
1000 N Mariana Is—KHBI: Japan/Kor/CIS 9430	1000 N Mariana Is—KHBI: Aus 13615	1000 Slovakia—AWR Europe: wAI 15620
0930 Switzerland—Swiss R Int'l: Pac 17515 13685 9885	1000 United Kingdom—BBC: Africa 17885 17830 15400 15070 11940 6190	1000 United Kingdom—BBC: Americas 15190
1000 United Kingdom—BBC: Europe 17705 17640 15575 15400 15070 12095 11760 9410	1000 USA—WSHB: Brazil/SAm 7395	1000 USA—WVHA: Eu/ME 9870 Notes: Sa-Su

0930

1025 Netherlands—R Netherlands: Pacific
13705 12065 9720

1000

1300 Costa Rica—AWR Pan America: Am 13750 9725 7375 5030	1030 Ecuador—HCJB: "Worldwide" 15540U	1030 Israel—Kol Israel: wEu 17575 15640
1100 N Mariana Is—KHBI: Indon 13625	1100 N Mariana Is—KHBI: China 9430	1100 Russia—V of Russia: World Service 17870 17765 12015 11800 9835
1100 United Kingdom—BBC: Africa 17885 17830 15400 15070 11940 6190	1100 United Kingdom—BBC: Americas 15190	1100 United Kingdom—BBC: Europe 17705 17640 15575 15400 15070 12095 11760 9410
1200 USA—VOA: Caribbean 9590 7405 6165	1100 USA—VOA: eAs/seAs/Pac 15425 11720 5985 Notes: primarily to Pacific region	1500 USA—WHRI: Eu 6040
1300 USA—WSHB: eNAm/Carib 6095 6095	1100 USA—WSHB: SAm 7395	1100 USA—WVHA: swEu/n&eAI 13770 11930 Notes: #1 Sat#2 Su
1100 USA—WYFR: NAm 5950 Notes: Network Mo-Sa	1025 Vietnam—V of Vietnam: Eu 15009 12020 9840 Notes: #2 all	

1030

1100 Australia—R Australia: As/Pac/PapNG 21725 9860 9580 9580 7240	1125 Netherlands—R Netherlands: FE 13705 12065	1059 South Korea—R Korea: eNAm 11715
1055 United Arab Emirates—R Dubai: Eu/nA 21605 15395 15345 13675		

1100

1130 Australia—R Australia: As/Pac/PapNG 15530 9860 9615 9580 9880 7240	1500 Ecuador—HCJB: Carib 21455U 12005	1150 Germany—R Deutsche Welle: wAI 21600 17860 17800 17765 17715 15410 15370
1200 Japan—R Japan: GOS:As 15350 9610	1200 Japan—R Japan: GOS:NAm 6120	1200 N Mariana Is—KHBI: Japan/Kor/CIS 9355
1200 N Mariana Is—KHBI: Aus 9425	1150 North Korea—R Pyongyang: Am 11335 9977 6576	1120 Pakistan—R Pakistan: wEu 17900 15625 Notes: Slow-speed English
1200 Russia—V of Russia: World Service 17870 17765 12015 11800 9835	1400 Singapore—R Singapore Int'l. Extern 9530	1130 Switzerland—Swiss R Int'l: FE 17515 15545 13635
1200 United Kingdom—BBC: Africa 21660 17885 17830 15400 15070 11940 6190	1200 United Kingdom—BBC: Americas 17790 15190 9515 7325 6195 5965	1200 United Kingdom—BBC: Europe 17705 17640 15575 15400 15070 12095 11760 9410
1200 USA—VOA: eAs/seAs/Pac 15425 15160 11720 9760 9645 6110 5985	1300 USA—WEWN: FE 15695	1400 USA—WINB: CAm 11790
1400 USA—WRMI: CAm/Carib 9955 Notes: also Spanish lang	1200 USA—WSHB: CAm/SAm 7395	1200 USA—WVHA: Eu/ME 13770 Notes: Sa-Su Su German/English
2100 USA—WWCR: Eu/ME/nAI 15685 Notes: tx #1	1200 USA—WYFR: NAm 11830 5950 Notes: Network Mo-Sa	

Schedules

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

Read columns left to right.

1130

1200 Australia—R Australia: As/Pac/PapNG 15530 9860 9615 9580 9580 9560	1200 Austria—ORF: NAm 13730	1430 Ecuador—HCJB: NAm/SAm 21455U 15115
1200 Finland—R Finland: NAm 15400 11900 Notes: Mo-Sa	1225 Netherlands—R Netherlands: Eu 9650 6045	1200 Sweden—R Sweden: As/Pac 15240 15120 13740

1200

1300 Australia—R Australia: As/Pac/PapNG 15530 11800 9615 9580 9560 5995	1320 Brazil—R Nacional de Brasil: NAm/CA 15445	1259 Canada—R Canada Int'l: Carib/NAm 13650 11855 9635 Notes: Mo-Fr
2100 Costa Rica—R for Peace Int'l: LAm/N 15050 9400U 6200	1600 Ecuador—HCJB: "Worldwide" 15540U	1300 France—R France Int'l: NAm/CAm/SAm 15530 13625
1300 France—R France Int'l: cEu/eEu 15195 15155 9805	1300 France—R France Int'l: wAf 15325	1300 N Mariana Is—KHBI: seAs 9355
1300 N Mariana Is—KHBI: Aus 9425	1230 Norway—R Norway Int'l: Aus/As 15170 13800 Notes: Su only	1230 Palau—KHBN: As 9965 Notes: SaSu -1300
1255 Poland—Polish Radio Warsaw: Eu 11815 9540 9525 6135 6095 5995	1300 Russia—V of Russia: World Service 12015 11800 9835	1300 South Korea—R Korea: GOS 7180
1300 United Kingdom—BBC: Af/nc 21660 17885 17830 11940 6190	1300 United Kingdom—BBC: Americas 11865 9515 6195	1300 United Kingdom—BBC: Europe 17705 17640 15575 15070 12095 11760 9410
1330 USA—VOA: eAs/seAs/Pac 15425 15160 11715 9760 9645 6110 5985	1300 USA—WEWN: SAm 9540	1300 USA—WSHB: CAm/SAm 9455
1500 USA—WVHA: Eu/ME 11695 Notes: Sa	0100 USA—WWCR: Eu/ME/nAf 13845 Notes: tx #2	1300 USA—WYFR: NAm 17750 11830 6015 5950 Notes: #1&2&4 Network Mo-Sa
1225 Uzbekistan—R Tashkent: As 17815 15295 9715 7285		

1207

1649 New Zealand—R New Zealand Int'l: Pa 6100 Notes: occasional use

1230

1300 Bangladesh—R Bangladesh: As 13615 9650 9548 Notes: #2 alt freq's vary	1255 Belgium—R Vlaanderen Int'l: NAm 13670 Notes: Su	1300 Finland—R Finland: NAm 15400 11900 Notes: Mo-Sa
1325 Netherlands—R Netherlands: Eu 9650 6045	1300 South Korea—R Korea: seAs 13670 9570	1255 Vietnam—V of Vietnam: As 15009 12020 9840 Notes: #2 alt

1240

1250 Greece—V of Greece: Af 15630

1300

1330 Australia—R Australia: As/Pac/PapNG 11800 9615 9580 9560 9510 5995	1325 Belgium—R Vlaanderen Int'l: NAm 13670 Notes: Mo-Sa	1459 Canada—R Canada Int'l: Carib/NAm 17820 11955 Notes: Su
1400 N Mariana Is—KHBI: India 9355	1400 N Mariana Is—KHBI: Indon 13625	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: NAm/Eu 11850 9590 Notes: Su only
1600 Palau—KHBN: As 9965	1400 Romania—R Romania Int'l: Eu 15390 11940 9690	1400 Russia—V of Russia: World Service 17755 15540 12015 11985 11800 9845 9835 9790

Schedules

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

Read columns left to right.

1300

1330 Switzerland—Int'l Red Cross: Eu 6165 Notes: last Su/mo 1400 United Kingdom—BBC: Americas 11865 9515 6195 1400 USA—KNLS: eAs 7365 1400 USA—WSHB: Mexico 9455	1330 Switzerland—Swiss R Int'l, FE/seAs 15545 13635 7480 7250 1400 United Kingdom—BBC: Europe 21470 17705 17640 15575 15070 12095 11760 9410 1800 USA—WHRl: sAm 15105 1400 USA—WYFR: nAm 17750 13695 11830 6015 5950 Notes: #1&3&5 Network Mo-Sa	1400 United Kingdom—BBC: Africa 21660 21470 17885 17830 15420 11940 6190 1600 USA—KJES: wCanada 11715 Notes: Irregular 1400 USA—WSHB: cNAm 6095
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1302

1502 USA—WYFR: India
11550

1330

1430 Australia—R Australia: As/Pac/PapNG 11800 9615 9580 9560 5995 1357 Canada—R Canada Int'l: eAs 11795 9535 1500 India—AIR: GOS/seAs 15120 13732 1400 Sweden—R Sweden: nAm 15240 11650 1355 Uzbekistan—R Tashkent: As 17815 15295 9715 7285	1400 Austria—ORF: Eu 13730 6155 2100 Ecuador—HCJB: Ecuador 6080 1425 Netherlands—R Netherlands: sAs 15150 13700 9895 1355 United Arab Emirates—R Dubai: Eu/nA 21605 15395 15320 13675 1355 Vietnam—V of Vietnam: eAs 15009 12020 9840 Notes: #2 alt	1359 Canada—R Canada Int'l: Eu/ME/Al 21455 17895 17820 15325 15315 Notes: #2,3,5 Mo-Sa 1400 Finland—R Finland: nAm 15400 11900 Notes: Sa -1355 1400 Portugal—R Portugal: ME/FE 21515 Notes: Mo-Fr 1400 USA—VOA: eAs/seAs/Pac 15425 15160 9760 9645 6110
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1345

1405 Vatican State—Vatican Radio: As/Aus
15585 11625 9825

1400

1455 China—China R Int'l: wNAm 7405 1600 Malta—V of the Mediterranean: Eu/ME 11925 Notes: Su -1435 1500 Russia—V of Russia: World Service 17685 17570 15540 15425 11985 11855 9845 1500 United Kingdom—BBC: Americas 11865 9515 6195 1500 USA—VOA: eAs/seAs/Pac 15425 15160 9760 9645 7215 6110 2300 USA—WWCR: Eu/ME/nAl 12160 Notes: tx #3	1500 Japan—R Japan: GOS:As 11915 11895 9610 1500 N Mariana Is—KHBI: India/China 9355 1500 Slovakia—AWR Europe: India 13595 1500 United Kingdom—BBC: Europe 21470 17705 17640 15575 15070 12095 9410 1500 USA—VOA: sAs 15395 15255 9645 7215 7125 6110 1500 USA—WYFR: nAm 17750 11830 6015 Notes: #1&2 Network Mo-Sa	1500 Japan—R Japan: GOS:nAm 11705 9535 1430 Palau—KHBN: As 9830 Notes: Sa-Su 1500 United Kingdom—BBC: Africa 21660 21470 17830 15400 11940 6190 1600 USA—KWHR: As 9930 2400 USA—WINB: Eu/nAl 15715
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1430

1600 Ecuador—HCJB: sAm 21455U 15115 1500 Sweden—R Sweden: nAm 15240 11650	1525 Netherlands—R Netherlands: sAs 15150 13700 9895	1455 Romania—R Romania Int'l: As 15335 11810 11740
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Schedules

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

Read columns left to right.

1500

<p>1555 China—China R Int'l. wNAM 7405</p> <p>1600 Japan—R Japan GOS NAM 9535</p> <p>1550 North Korea—R Pyongyang ME/AF 9977 9640</p> <p>1600 South Africa—Channel Africa e&cAI/ 7240 3220</p> <p>1600 United Kingdom—BBC. Americas 11865 11775 9515 6195</p> <p>0100 USA—KTBN. eNAM 15590</p> <p>1700 USA—VOA. sAs 15395 15255 15205 9700 9645 7215 7125 6110</p> <p>1600 USA—WVHA. Eu/ME 15665</p> <p>Notes: Su&Tu&Th&Sa</p>	<p>1630 Guam—KTWR. s&eAs 11580</p> <p>1600 Japan—R Japan. GOS.sAI 15355</p> <p>1550 North Korea—R Pyongyang. Eu 13785 9325</p> <p>1530 Switzerland—Swiss R Int'l. sAs 15545 13635 12075</p> <p>1600 United Kingdom—BBC. Europe 21470 17705 15400 15070 12095 941#</p> <p>1600 USA—VOA: eAs/seAs/Pac 9760 9645 7215 6110</p> <p>2300 USA—WHRI: Eu 13760</p> <p>1700 USA—WYFR: NAM 17750 11830 11705</p> <p>Notes: #1&2 Network Mo-Sa</p>	<p>1600 Japan—R Japan. GOS:As 11955 11915</p> <p>1600 N Mariana Is—KHBI India/China 9355</p> <p>1600 Russia—V of Russia: World Service 17570 15480 15105 11960 11920 11870 11675</p> <p>1600 United Kingdom—BBC: Africa 21660 21490 21470 17880 17830 15420 15400 11940 11860 6190</p> <p>2330 USA—KAJJ. CaribwNAM 15725 13815</p> <p>1630 USA—VOA: ME 15205 9700</p> <p>2300 USA—WRNO. NAM/CAm/Eu 15420</p>
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1530

<p>1600 Finland—R Finland NAM 15400 11900</p>	<p>1545 India—AIR: GOS/sAs/ME 11670 11585 9910 7412 7140</p>	<p>1625 Netherlands—R Netherlands: sAs 15150 13700 9895</p>
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1540

<p>1600 Vatican State—Vatican Radio: As/Aus 15585 11640</p>

1600

<p>1655 China—China R Int'l. e&sAfr 15130 15110 11575</p> <p>1700 Germany—R Deutsche Welle: s&c&eAI/M 17800 11965 9735 7185</p> <p>1630 Norway—R Norway Int'l. wNAM 11850</p> <p>Notes: Su only</p> <p>1700 South Africa—Channel Africa: c&wAI/ 9695 7240 3220</p> <p>1640 United Arab Emirates—R Dubai. Eu/nA 21605 15395 15320 13675</p> <p>Notes: #1 anncd as 11795</p> <p>1700 United Kingdom—BBC. Europe 21470 17705 15400 15070 12095 9410</p> <p>1700 USA—WSHB: eAI 17510</p> <p>1620 Vatican State—Vatican Radio: eAI/As 15585 11640</p> <p>Notes: Sa Mass</p>	<p>1627 Czech—R Prague ME/Eu 17485 5930</p> <p>1700 Guam—KSDA. India 9370</p> <p>1630 Pakistan—R Pakistan. AI/ME 17660 15675 15555 13590 11570 9470 9435</p> <p>Notes: Slow speed news 1615</p> <p>1700 South Korea—R Korea: Eu/ME/AF 9870 9525 5975</p> <p>1700 United Kingdom—BBC: Africa 21660 21470 17830 15420 15400 11940 11860 9630 6190 3255</p> <p>1800 USA—KWHR: Oc #120</p> <p>1700 USA—WVHA: Eu/ME 15665</p> <p>1625 Vietnam—V of Vietnam: AF 15009 12020 9840</p> <p>Notes: #2 alt</p>	<p>1700 France—R France Int'l: AI 15530 15460 15210 12015 11700 11615</p> <p>1800 N Mariana Is—KHBI: sAI 9355</p> <p>1700 Russia—V of Russia: World Service 17570 15480 15105 11960 11870 11630 9880</p> <p>1830 Swaziland—Trans World Radio: eAI 9500</p> <p>1700 United Kingdom—BBC. Americas 11865 11775 9515</p> <p>1630 USA—VOA: Africa 17895 15445 15410 15225 13710 12040 11920 3970</p> <p>Notes: Sa-Su</p> <p>1700 USA—WYFR. Eu/AF 21745 21525 21500</p>
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1615

<p>1645 Sweden—R Sweden Eu 6065 1197</p>	<p>1630 Vatican State—Vatican Radio: ME/eAI 9645 7250 6245 4011 1530 527</p> <p>Notes: European 1st pgm</p>	
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Schedules

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

Read columns left to right.

1630

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

1800 Palau—KHBN: sAs
9965
Notes: Su -1900

1700 USA—VOA: Africa
17895 15445 15410 15225 13710
12040 11920 3970

1700 USA—VOA: Eu/nAI
19379L 17735 15245 6040

1800 USA—VOA: ME
15205 9700 6040

1645

1659 Canada—R Canada Int'l: Eu/ME/AI
17820 15325 11935 9555
Notes: Mo-Fr

1650

1849 New Zealand—R New Zealand Int'l: Pa
6145
Notes: Mo-Fr

1700

1727 Czech—R Prague: AI/Eu
15640 5930

2000 Ecuador—HCJB: Eu
15490

1730 France—R France Int'l: eAI
15460 15210

1800 Japan—R Japan: GOS:As
11840 9580 6150

1800 Japan—R Japan: GOS:NAm
9535

1800 Japan—R Japan: GOS:ME/nAI
11930

1750 North Korea—R Pyongyang: ME/AI
9977 9640

1750 North Korea—R Pyongyang: Eu
13785 9325

1755 Pakistan—R Pakistan: wEu
11570 7485

1755 Poland—Polish Radio Warsaw: Eu
7285 7270 6000

1800 Russia—V of Russia: World Service
15105 11960 11910 11890 11630
9880 9480

1800 Slovakia—AWR Europe: eAI/AIlg
15620 13595

1800 South Africa—Channel Africa: e&cAI/
7240 3220

2045 Swaziland—Trans World Radio: sAI
1170

1730 Switzerland—Swiss R Int'l: ME/AI
13635 12075 9885

1800 United Kingdom—BBC: Africa
17830 15400 11860 9630 6190
6005 3255

2000 United Kingdom—BBC: Americas
11865 11775 9515

1800 United Kingdom—BBC: Europe
15400 15070 12095 9410 6195
6180

1730 USA—VOA: Africa
17895 15445 15410 13710 12040
11920

1800 USA—VOA: eAs/seAs/Pac
11870 9770 9690 9645 7215
7170 7150 6110 6045 5990
Notes: #3,9,10 Mo-Fr

2000 USA—VOA: Eu/nAI
19379L 15205 9760 6040 3980

1800 USA—VOA: sAs
15395 15255 9700 9645 7215
7125 6110

2000 USA—WMLK:
9465

0400 USA—WRMI: CAm/Carib
9955

0100 USA—WRMI: CAm/Carib
9955

Notes: Su-Fr

Notes: Sa | also Spanish lang

1900 USA—WYFR: Eu/AI
21745 21500

1800 USA—WSHB: cAI
17510

1800 USA—WVHA: w&sAI
17613
Notes: Mo&We&Fr

1730

1825 Netherlands—R Netherlands: s&e&wAI
11655 7120 6020

1800 Romania—R Romania Int'l: AI
11940 11740 9750 9510

1800 Sweden—R Sweden: ME/AI/Eu
15600 13690 9655 6065 1179

1800 Vatican State—Vatican Radio: e&sAI
15570 13765 11625

1745

1815 Bangladesh—R Bangladesh: Eu
15520 9560 7180
Notes: V of Islam/freq's vary

1945 India—AIR: GOS/e&w&nAI/wEu/ME
15075 13750 11935 11620 9950
9650 7412

1800 Swaziland—Trans World Radio: sAI
3200
Notes: Mo-Fr

1800

2100 Kuwait—R Kuwait: Eu
11990

1900 N Mariana Is—KHBI: NZ
9355

2000 N Mariana Is—KHBI: Eu/ME
13770

1830 Norway—R Norway Int'l: AI/Eu
15220 13805 5960
Notes: Su only

1900 Russia—V of Russia: World Service
15105 12030 11910 11675 11630
9880 9480 7350

1900 Sudan—R Orndurman: Regional
9200

Schedules

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

Read columns left to right.

1800

<p>2015 Swaziland—Trans World Radio. sAf 3200 Notes: :2045 Su</p> <p>1900 United Kingdom—BBC. Europe 15400 15070 12095 9410 6195 6180</p> <p>1900 USA—VOA. Africa 17895 15580 15410 13710 12040 11920 4875 Notes: #7 Mo-Fr</p> <p>1900 USA—WEWN. UK 13695</p> <p>1900 USA—WSHB. sAf 17510</p> <p>1825 Vietnam—V of Vietnam. Eu 15009 12020 9840 Notes: #2 all</p>	<p>2015 Swaziland—Trans World Radio. sAf 3200</p> <p>1900 USA—KJES. Aus 15385 Notes: irregular</p> <p>2100 USA—VOA. ME 9760 9700 6040</p> <p>1000 USA—WHRI. SAm 9495</p> <p>1900 USA—WVHA. Eu/ME 13720 Notes: Tu&Th&Su</p> <p>1900 Yemen—Rep of Yemen R. ME 9780</p>	<p>1900 United Kingdom—BBC: Africa 17830 15400 11860 9630 6190 6005 3255</p> <p>2000 USA—KWHR. Oc 13625</p> <p>2100 USA—WEWN: SAm 15375</p> <p>2000 USA—WSHB: eEu 15665</p> <p>1900 USA—WVHA: w&sAf 15745 Notes: Mo&We&Fr</p>
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1830

<p>1900 Bangladesh—R Bangladesh: Eu 15520 9560 7190 Notes: freq's vary</p> <p>1900 Yugoslavia—R Yugoslavia: Af/Eu 9720 6100</p>	<p>1925 Netherlands—R Netherlands: s&e&wAf 17605 15315 13700 11655 9895 9860 7120 6020</p>	<p>1857 Slovakia—R Slovakia Int'l. wEu 7345 6055 5915</p>
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1840

<p>1850 Greece—V of Greece: Af 15650 11645 Notes: Mo-Sa</p>

1850

<p>2050 New Zealand—R New Zealand Int'l. Pa 11910 Notes: FrSa :2058</p>

1900

<p>2000 Argentina—RAE: Eu/Af 15345 Notes: Mo-Fr</p> <p>2400 Honduras—HRJA: neNAm 15675 Notes: :01 Mo also Spanish lang</p> <p>1910 Israel—Kol Israel: Af 15640</p> <p>2000 Japan—R Japan: GOS Oc 11850 7140</p> <p>2000 Russia—V of Russia: World Service 15105 12030 11910 11675 11630 9880 9480 7350</p> <p>2045 Swaziland—Trans World Radio: sAf 3240</p> <p>2100 USA—KVOH. CAm/Canb 17775</p> <p>2000 USA—WSHB. wAf 17510</p> <p>2000 USA—WYFR. Eu/Af 21745</p>	<p>2000 Bulgaria—R Bulgaria: wEu 11720 9700</p> <p>1930 Hungary—R Budapest: Eu 9835 7130 6140 3955</p> <p>2000 Japan—R Japan: GOS:As 9580 6150</p> <p>1930 Portugal—R Portugal. Af/Eu 15515 9815 9780 6130 Notes: Mo-Fr</p> <p>2000 Slovakia—AWR Europe: c&wAf 15620</p> <p>2000 United Kingdom—BBC: Africa 17830 15400 11835 9630 6190 6005 3255</p> <p>2000 USA—VOA: Africa 15580 15445 15410 12040 11920 7415 7375</p> <p>2000 USA—WVHA: Eu/ME 13720 Notes: Sa</p> <p>1925 Vietnam—V of Vietnam: Eu 15009 12020 9840 Notes: #2 all</p>	<p>1950 Germany—R Deutsche Welle: wAf/ME 13790 13690 11785 11740 9735 9670 7170</p> <p>1910 Israel—Kol Israel: wEu/NAm 11685 11603 9435 7465</p> <p>2000 Japan—R Japan: GOS.NAm 9535</p> <p>2000 Romania—R Romania Int'l: Eu 7195 6190 6105 5955</p> <p>2000 South Korea—R Korea. Eu/As 7275 6480 5975</p> <p>2000 United Kingdom—BBC: Europe 15070 12095 9410 7160 6195 6180</p> <p>2000 USA—VOA. eAs/seAs/Pac 15180 11870 9525 Notes: primarily to Pacific region</p> <p>2000 USA—WVHA: nw&cAf 15745 Notes: Su&Tu&Th</p>
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Schedules

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

Read columns left to right.

1930

2000 Austria—ORF: Eu 6155 5945	2000 Finland—R Finland: Eu 15440 11755 9730 963 558 Notes: Sa -1950	2030 Iran—V of Islamic Rep of Iran: Eu 9022 7260 1404
2000 N Mariana Is—KFBS: 9465	2025 Netherlands—R Netherlands: s&e&wAf 17605 15315 13700 9895 9860 7305 7120	2025 Poland—Polish Radio Warsaw: Eu 7285 6135 6035

2000

2059 Canada—R Canada Int'l: AI/ME/Eu 17820 15325 15150 13670 13650 11985 7235 5995	2055 China—China R Int'l: w&nAf/e&sAf 15110 11715 9440	2027 Czech—R Prague: Pac/Eu 11640 5930
2050 Germany—R Deutsche Welle: Eu 9615 7170	2010 Greece—V of Greece: Eu 9375	2050 North Korea—R Pyongyang: ME/AI 9977 9640
2050 North Korea—R Pyongyang: Eu 9345 6576	2100 Russia—V of Russia: World Service 11890 11675 11630 9880 9480 7350	2030 Switzerland—Swiss R Int'l: AI 13635 11640 9885 9770
2050 Turkey—V of Turkey: Eu 9400	2100 United Kingdom—BBC: Africa 17830 11835 9630 6190 6005 3255	2100 United Kingdom—BBC: Americas 11750
2100 United Kingdom—BBC: Europe 15400 15070 12095 9410 7325 7160 6195 6180	2100 USA—KJES: Carib 15385 Notes: irregular	2200 USA—KWHR: As 15405
2030 USA—VOA: Africa 17755 17725 15580 15445 15410 11855 7415 7375	2100 USA—VOA: Eu/nAf 19379L 15205 9760 6040	2200 USA—WSHB: wEu 15665
2100 USA—WSHB: Eu 13770	2100 USA—WVHA: swEu/n&eAf 13720 Notes: Sa	2200 USA—WYFR: Eu/AI 21525 17845 17845
2030 Vatican State—Vatican Radio: c&s&wA 13765 11625 9645		

2005

2105 Syria—R Damascus: Eu/nAm
15095 12085

2015

2045 Swaziland—Trans World Radio: sAf
3200
Notes: Su

2030

2035 Latvia—R Latvia: 5935 Notes: Mo-Fr	2100 Moldova—R Orlester Int'l: Eu 11750 Notes: Mo-We-Sa, repeat next day	2125 Netherlands—R Netherlands: wAf 11655 9895 9660
2125 Netherlands—R Netherlands: Eu 1386	2100 Sweden—R Sweden: Eu/AI 9655 6065 1179	2100 USA—VOA: Africa 17755 17725 15580 15445 15410 7415 7375
0400 USA—WRMI: CAmy/Carib 9955 Notes: Mo-Fr also Spanish lang	2055 Vietnam—V of Vietnam: Eu 15009 12020 9840 Notes: #2 alt	

2045

2230 India—AIR: GOS/AusNZwEu
15265 11715 11620 9950 9910
7412

2051

0458 New Zealand—R New Zealand Int'l: Pa
15115
Notes: FrSa 2059-

Schedules

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

Read columns left to right.

2100

2125 Belgium—R Vlaanderen Int'l Eu 5910 2130 China—China R Int'l w&nAf/e&sAf 15110 11715 2200 Cuba—R Havana Eu/Al/ME 11720 2130 Hungary—R Budapest Eu 9835 7250 5935 3955 2200 Japan—R Japan GOS Eu/ME 11865 2200 Romania—R Romania Int'l. Eu 7195 6190 6105 5955 2200 South Korea—R Korea Eu 15575 6480 2200 Ukraine—R Ukraine Int'l Eu 6090 6080 6020 6010 5905 5905 4825 2200 United Kingdom—BBC: Europe 15400 15070 12095 9410 7325 6195 6180 2200 USA—VOA. Eu/nAf 19379L 15205 9760 9535 6040 2200 USA—WSHB. eNAM 13770 2130 Yugoslavia—R Yugoslavia: Eu 6185 6100	2200 Bulgaria—R Bulgaria: wEu 11720 9700 2130 China—China R Int'l Eu 3985 2150 Germany—R Deutsche Welle: As/Pac 11785 9765 9670 7115 2200 Japan—R Japan: GOS As 9580 7140 6035 2115 Japan—R Japan. Reg Svc:seAs 11915 9660 2200 Russia—V of Russia: World Service 11980 11890 11750 11730 9880 9530 2200 Spain—R Exterior de Espana Eu 6125 2200 United Kingdom—BBC: Africa 11835 9630 6190 6005 3255 2130 USA—VOA. Africa 17725 15580 15445 15410 7415 7375 2200 USA—VOA. ME 9760 6160 6040 2200 USA—WWHA: nw&cAf 13720 Notes: Sa	2129 Canada—R Canada Int'l. Eu/Al 17820 15325 15150 13670 13650 11690 7260 5995 2400 Costa Rica—R for Peace Int'l: LAM/N 15050 9400U 7385 6200 2150 Germany—R Deutsche Welle: wAf 15165 11765 9735 2200 Japan—R Japan: GOS:Oc 11850 2200 N Mariana Is—KHBI. Aus 13840 2200 Slovakia—AWR Europe: nEu 6055 2200 Ukraine—R Ukraine Int'l Eu 11875 11825 9750 9560 7285 7240 7180 2200 United Kingdom—BBC: Americas 17715 i5390 11750 11680 5975 2200 USA—VOA: eAs/seAs/Pac 17735 15185 11870 Notes: primarily to Pacific region 2200 USA—WEWN. UK 11820 2400 USA—WWCR. Eu/ME/nAf 9475 Notes: tx #1
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2110

2210 Syria—R Damascus: NAM/AusNZ 15095 12085

2115

2245 Egypt—R Cairo: Eu 9900

2130

2225 Netherlands—R Netherlands: Eu 1386	2200 Sweden—R Sweden: Eu/Al 9695 6065 1179	2200 USA—VOA: Africa 17725 15580 15445 15410 7415 7375 Notes: Su-Fr
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2200

2300 Australia—R Australia: As/Pac/PapNG 17860 17795 15365 13755 11855 11695 11660 9660 9645 9580 2300 Cuba—R Havana: Eu/Carib/USA 11760U 6180 2300 Russia—V of Russia: World Service 11750 11730 9720 9530 2300 Spain—R Exterior de Espana: Af 9675 2400 United Arab Emirates—V of UAE: NAM 11710 9770 9605 2300 United Kingdom—BBC: Europe 15400 15070 12095 11835 9410 7325 6195 6180 2400 USA—VOA: eAs/seAs/Pac 17820 17735 15305 15290 15185 11760 9770 9705 7215	2229 Canada—R Canada Int'l: Carib/LAM/NA 15305 13740 13670 11895 9755 5960 2300 N Mariana Is—KHBI: Japan/Kor/CIS 13625 2300 Slovakia—AWR Europe: wAf 11610 2300 Taiwan—V of Free China: Eu 21720 17750 2300 United Kingdom—BBC: Africa 11835 0400 USA—KWHR: As 17510 2300 USA—WEWN: SAM 15375	2255 China—China R Int'l. Eu 9880 2300 N Mariana Is—KHBI: China 15405 2230 South Korea—R Korea. Eu 5965 2250 Turkey—V of Turkey: Eu/NAM/ME 11710 9445 7165 2300 United Kingdom—BBC: Americas 11750 9915 9590 5975 2230 USA—VOA: Africa 7415 7375 7340 Notes: Mo-Fr 2300 USA—WSHB: wEu 13770
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Schedules

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

Read columns left to right.

2200

2300 USA—WSHB: Brazil
17555

2400 USA—WVHA: swEu/n&eAf
9853

2300 USA—WYFR: EuAf
21525 17845

2204

2212 Croatia—Croatian Radio: Eu
7370 5895
Notes: News

2230

2259 Canada—R Canada Int'l: Carib/LAm/VNA
13670 9755 5960

0100 Palau—KHBN: As
15140

2300 Sweden—R Sweden: Eu
1179

2245

0045 India—AIR: GOS/As
15145 13750 11745 9950 9705

2300 USA—VOA: American Republics
15155 9670
Notes: Mo-Fr | OAS

2305 Vatican State—Vatican Radio: As/Aus
11830 9600 7305

2300

2315 Armenia—R Yerevan: Eu
11960 9480

2330 Australia—R Australia: As/Pac/PapNG
17860 17795 15365 15240 13755
11855 11695 11660 9660 9580

2400 Bulgaria—R Bulgaria: Nam
11720 9700

2329 Canada—R Canada Int'l: Carib/LAm
15305 11940
Notes: Mo-Fr

2359 Canada—R Canada Int'l: Carib/LAm/VNA
15305 13670 11940 9755 5960
Notes: Sa-Su

0100 Costa Rica—AWR Pan America: Am
13750 9725 7375 6150 5030

0030 Egypt—R Cairo: NAm
9900

2400 Guam—KSDA: saAs
11980

2400 Japan—R Japan: GOS:As
9580 7140

2400 Japan—R Japan: GOS:Oc
11850

2400 Japan—R Japan: GOS:Eu
6155 5965

2330 Lithuania—R Vilnius: NA
9530

2400 N Mariana Is—KHBI: Indon
13625

2400 N Mariana Is—KHBI: China
15405

2350 North Korea—R Pyongyang: Am
13650 11700

2400 Russia—V of Russia: World Service
11750 11730 9720

0300 South Africa—Radio 2000: nwCape
3320

2400 United Kingdom—BBC: Africa
11835

2400 United Kingdom—BBC: Americas
11750 9915 9590 7325 6175
5975

2400 United Kingdom—BBC: Europe
11835 9410

0500 USA—WHRI: Eu
5745

0400 USA—WRNO: Nam/CAm
7355
Notes: Spanish Tu-Fr

2400 USA—WSHB: sEu/wAf
13770

2400 USA—WSHB: SAm
17555

1400 USA—WWCR: Eu/ME/nAf
5065
Notes: tx #3

2330

2400 Australia—R Australia: As/Pac/PapNG
17860 17795 15365 15240 13755
11695 11660 9645

2400 Australia—R Australia: As/Pac/PapNG
13605 11855 9850 9660 9580

2355 Belgium—R Vlaanderen Int'l: SAm/VNA
13800 9925

0025 Netherlands—R Netherlands: eNAM
9840 6165 6020

2355 Vietnam—V of Vietnam: Eu
15009 12020 9840
Notes: #2 alt

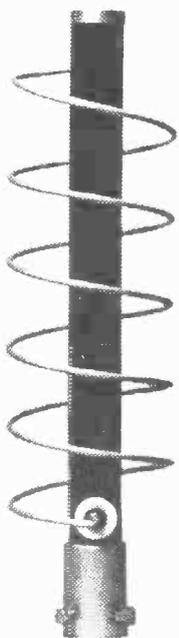
2335

2345 Greece—V of Greece: LAm
11645 11595 9375
Notes: Su-Fr

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