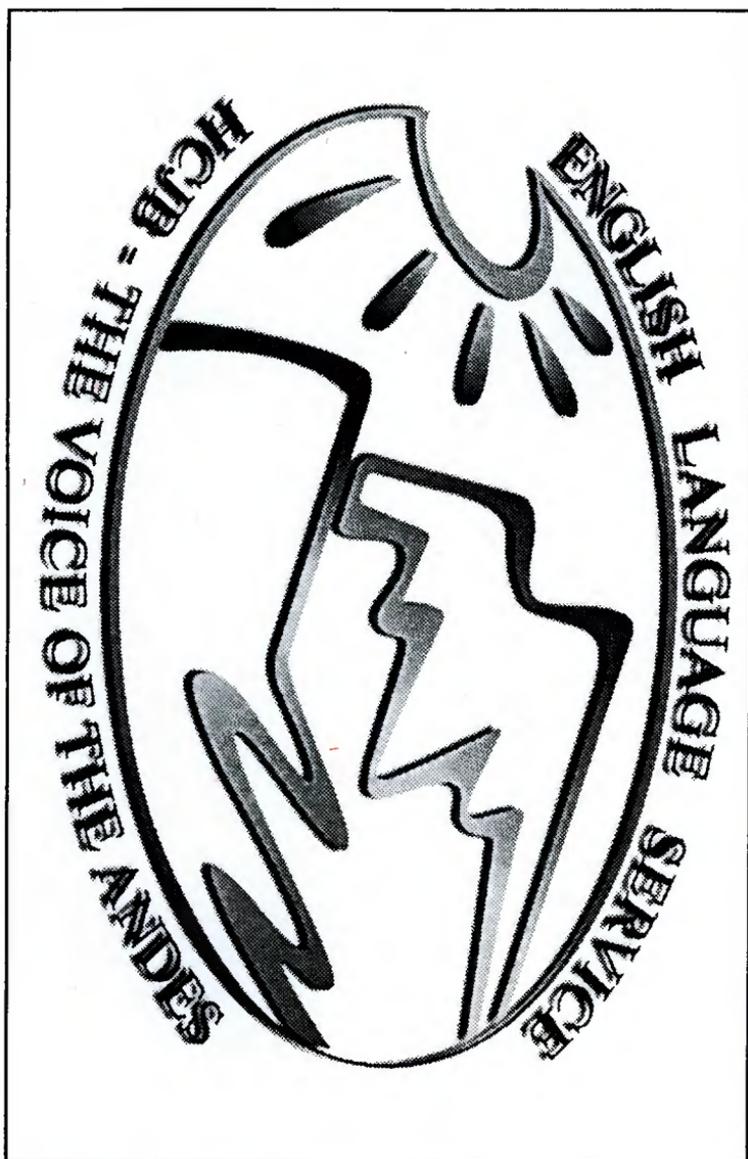


The **NASA** Journal

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JULY 2001



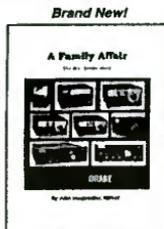
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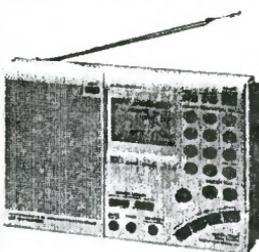
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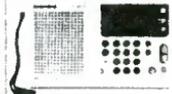
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Reaction to the demise of the BBC broadcasting to North America has been hot. Three of the club's more prominent members have formed the ambitious Save the BBC World Service web site <<http://www.savebbc.org>>. **John Figliozzi**, **Richard Cuff** and **Ralph Brandi**, along with **Sheldon Harvey** (President, Canadian International DX Club) and **David Norrie** (New Zealand Radio DX League), are leading the fight. The Save the BBC World Service Coalition is made up of a number of organizations in the affected areas that represent the interests of shortwave radio hobbyists. The Save the BBC World Service Coalition web site was created by webmaster **Ralph Brandi** after suggestions from **Sheldon Harvey** and others. **Ralph Brandi**, **Richard Cuff**, **John Figliozzi**, and **Sheldon Harvey** wrote the content on the site with contributions from the members of the swprograms mailing list. Our own **Tom Sundstrom** assisted with user interface, suggested content issues, and audio support. NASWA is an official sponsor of the web site and a member of the Coalition. Nice team work guys! Check out the *Musings* for some interesting comments by our members including two by frequent *Musings* contributor **Bob Fraser**. Also, don't forget to read *Easy Listening* for the latest developments. This story will only get hotter as the summer listening season heats up.

Here is a reminder the e-mail address for NASWA Headquarters in Levittown has changed to naswa@earthlink.net. All communications for NASWA Headquarters should be directed to our Publisher/Business Manger **Bill Oliver** at the new electronic address or to the familiar 45 Wildflower Road, Levittown, PA 19057 address.

Also, don't forget that **Fred Kohlbrenner** (214 West Marshall Road, Lansdowne, PA 19050) is our new Awards Manager. Let's keep him busy by filling out those awards applications. Fred will continue as our *Scoreboard* editor.

The highly recommended *Domestic Broadcasting Survey 3* ("DBS-3") edited by **Anker Petersen** and published by the Danish Shortwave Club International ("DSWCI") is available. This 44-page booklet covers all active stations broadcasting to a domestic audience or relaying such broadcasts to compatriot's abroad in the shortwave spectrum of 2200-30000 kHz. The 44-page A-4 size DBS-3 is available both in electronic and printed form. It is sold by the treasurer: DSWCI, c/o Bent Nielsen, Egekrogen 14, DK 3500 Vaerloese, DENMARK for US\$10.00 or 14 IRC per printed issue with airmail delivery. DBS-3 is also available via e-mail for US\$3.00 or 5 IRC.

New Zealand Radio DX League Vice-President **Bryan Clark** (P.O. Box 3011, Auckland, New Zealand) reports recently visiting with the late **Arthur Cushen's** widow **Ralda**. Arthur was the recipient of ANARC awards in 1967, 1969, 1980 and 1992. Together, **Bryan** and **Ralda** uncovered the last 6 copies of Arthur's *Radio Listening Guide* publication. In **Bryan's** words, "Profusely illustrated, the A4 sized Radio Listeners Guide contains more than 100 pages of information relevant to the SWL/DX hobby. While obviously frequency and programming information is out-of-date, from the historical perspective there is much to commend this publication to any hobbyist's library. The following are available on a first come-first served basis: 3

Our Motto is - "Unity and Friendship"

NASWA

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

copies of the 109 page A4 sized first edition (published March 1988) with special extra 8 page insert 'Secrets of Wartime Listening to Enemy Broadcasts', personally autographed by Arthur Cushen. 1 copy of the first edition minus the autograph and special 'Wartime Listening' insert. 2 copies of the second edition (June 1990) which has the Wartime Listening pages incorporated as a centrespread, minus autograph. The book price, including airmail postage to North

America is us\$15.00." You can reserve your copy by emailing Bryan Clark at bryan@radiodx.com or by writing to the above address. Here's a friendly warning; I have already ordered one of the autographed copies for my collection so act now.

That's it for this month. Enjoy this month's edition of the *Journal* including a lively Musings section; it's another good one. 

FRENDX: Twenty Five Years Ago....

Mac Leonhardt announced that Ed Shaw would be returning to editorial duties with a new section to be called QSO/NASWA. Also, the July *Frendx* experimented with slightly larger printing that reduced content a little. Kim Andrew Elliott reported that 694 responses had been received from the 1,000 surveys mailed. More are expected as this count was prior to the deadline. Mac announced that Sam Barto would take over as *Log Report B* editor with the October issue replacing Kent Corson. In the *Shortwave Center*, Dan Robinson provides some travel advice with his "Reflections on A Trip to Israel and West Germany." *QSL Report* editor Bill Oliver notes items from John Moritz (Bougainville Island and Sao Tome), James Young (Oman) and Marlin Field (some nice Latin's with only 9 or 10 follow-ups).

Musings

This column provides a forum where members can express comments, ideas, and thoughts about NASWA or the SW radio hobby. Please feel free to comment on anything presented this month (or previous months). Opinions expressed here are solely those of the submitters. Please submit all Musings to Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610 or via email: rdangelo3@aol.com.

Bruce Berr <BruceBerr@aol.com>, Glenview, Illinois (a suburb of Chicago)

I just wanted to let you know how much I appreciate the "English Schedules" listing you have in the May 2001 edition of the *NASWA Journal*. I am very impressed by its thoroughness and its incredible accuracy. You must be devoting most of your free time to keeping this up-to-date.

I have been DXing and SWling since 1962, and am a regular listener to most of the quality stations in English. Your guide encourages more exploration. This, along with the rest of the *NASWA Journal* and *Passport's* Blue Pages, are virtually all one needs.

I must say, I was very disappointed with the most recent WRTVH's listings. They are old as in not up-to-date during the seasonal changes, but their listings seem to be chock full of mistakes that are years behind. It is a disappointment, because when I was growing up, the WRTVH was the only game in town but it was a quality publication. I am glad that others, such as you, have taken up the slack.

Thank you again for your fine work (of course the pun was intended!).

Bob Fraser, P. O. Box 174, Cohasset, MA 02025-0174

I thought you would be interested in this clipping from Sunday's *Boston Globe* (Business and Money section). The article is entitled "Shortwave radio losing ground to Net" (which members can probably obtain online or through a public library or send me a SASE for a copy which I will gladly send—RAD). I guess it is too late judging by what I am reading in the just received June *NASWA Journal*.

I, and at least three other people I know, are regular listeners to the BBC-WS and will miss it very much. I also am one of those who rarely write to these stations. I do plan to write to the British ambassador in Washington. It will go by regular mail as I have no computer (nor want one) for email, nor a fax machine. Should the BBC-WS end for North America, I can easily get the signals to Central and South America and Africa. However, as the broadcasts are now in different "streams," I'll have to do some time juggling.

73, Bob

Harold O. Smith, 8604 Eastside Drive N.E., Tacoma, WA 98422

Now the BBC has dropped its bombshell there remains Radio Sweden, Russia and stalwart Radio Nederland. It has given me second thoughts about ordering an antenna.

Ralph Brandi's open letter to the BBCWS was a most complete cogent analysis of their July plans. I also have written two short letters. BBCWS has been very silent in their announcement about government funding which may be the underlying factor analogous to Radio Canada.

With the change will come depletions and outright deletions of their diverse program menu. Among the latter will be Alistair Cooke's weekly "Letter from America" by that 93-year-old veteran author and commentator. The global outlook of other programs will also be lost to be replaced and modified by potentially garbled newscasts.

73's, Harold

Bob Fraser, P. O. Box 174, Cohasset, MA 02025-0174

Well, I feel sufficiently insulted by the remarks of the BBC people at "Write On" and Dieter Weirich of Deutsche Welle as quoted by Ralph Brandi in the June *NASWA Journal*. I can't think of a better way to discourage a new SWler. It is obvious that these people have no love or interest in their job, the company, or their customers. If I were their boss, I would fire them in an instant for such disloyalty.

If the heads of the BBCWS want to trash that fine old institution for a pipedream, then so be it. A friend and fellow member of *NASWA* feels that with the biggies and their relays gone off the air, then the smaller voices will be heard on the bands and we will return to the old days of *real* DXing.

As for the *NASWA Journal*, you have no need to change it. SW is not dead and never will be. Look at all the new stations coming into existence. A decade or so ago, American AM radio was declared dead but see it now. It changed and for the better and I feel that shortwave radio will do the same.

Satellite radio and Internet indeed. Where is the fun and challenge of DXing with them? And isn't this what we are really all about?

The BBC stopping their shortwave broadcasts has disturbed me deeply since it is my only contact with the real world out there. My question is: Are there any BBC shortwave clubs out there where addicts can find each other in cyberspace or in real life? Maybe, if enough of us scream loudly enough they'll hear the uproar from a couple of continents at Bush House.

Thanks, Ellen

Calendar Of Events

- Jul 20 Meeting. Philadelphia Area NASWA Chapter.** Kulpsville Holiday Inn, Kulpsville, PA at 7:30 PM. For more information contact Dan Cashin at 610-446-7831 or Internet: dcscckp@aol.com.
- Jul 20 Meeting. Boston Area NASWA Chapter.** The Lexington Club, Rts. 4 & 225, Lexington, MA at 7:30 PM. The location is 1/4 mile west of Rt. 128, Exit 31. For more information contact Paul Graveline at 978-470-1971 or Internet: 74007.3434@compuserve.com. The URL for the BADX guys is <<http://www.anarc.org/naswa/badx/>>.
- Aug 10 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meet at the Lebanon Citizens National Bank on U.S. Route 42 in Mason at 7:00 PM. For more information contact Mark Meece at 513-743-8089 or e-mail at <mmeece@siscom.net>. For additional information about MONIX, check out their web site at <<http://www.siscom.net/~mmeece/monix.html>>
- Aug 18 Informal Gathering.** Tim Noonan and his wife Jill host the **8th Annual Madison Get-Together** in Madison, WI, starting at 1 pm. More info from Tim at DXing2@aol.com.
- Aug 24-26 Convention.** The **IRCA/DecalcoMania Convention** will be held at the Best Western Airport Inn (10232 Natural Bridge Road, St. Louis, MO 63134, 800-872-0070 or 314-427-5955) on 24-26 August 2001. Registration is \$35 per person and rooms are available for \$73/night. The convention host Mike Sandburn (P.O. Box 1256, Bellflower, CA or mikesandburn@hotmail.com)
- Aug 24-27 Conference.** The annual **EDXC Conference** is scheduled to be held from 24-27 August 2001 in Budapest, Hungary. All DXers, shortwave listeners, international broadcasters and other radio enthusiasts are cordially invited to attend. Additional information is available from risto.vahakainu@helsinki.fi.
- Aug 31-Sep 3 Convention.** The annual Labor Day Weekend convention of the **National Radio Club** will be held in Pittsburgh, PA at a site to be determined on 31 August through 3 September 2001. Convention host is John Malicky. Further information is coming soon.
- Sep'01 Contest. Adventist World Radio's "Thirtieth Anniversary DX Contest"** will run throughout the month of September 2001 and the main ingredient is a search for "The World's most Beautiful QSL Cards". Listeners are also invited to list their "Five Most Wanted Shortwave QSLs". Submissions during September only should be sent to: Anniversary DX Contest, Box 29235, Indianapolis, IN 46229, USA. Further details to follow.
- Mar 8-9, 2002 Convention.** The **15th Annual Winter SWL Festival**, sponsored by NASWA, will be held at the *Best Western—The Inn at Towamencin* (Kulpsville to the rest of us), located at Exit 31 on the Northeast Extension of the Pennsylvania Turnpike, on 8th and 9th March 2002. Richard Cuff and John Figliozzi co-chair the organizational committee. It's never too early to begin planning. See you there!
- Members are invited to submit items to be included in this calendar to Rich D'Angelo (Internet: rdangelo3@aol.com) or Ralph Brandi (Internet: ralph@brandi.org).
-

Easy Listening

Richard D. Cuff • 327 Springhouse Road, Apt. 102 • Allentown, PA 18104 • rdcuff@sprintmail.

Save the BBC World Service! Radio Netherlands to the Rescue!

NOTE: Information was changing hourly, it seemed, as I was finishing this on June 28th. Check the websites referenced below for updated information.

Current Status of the BBC World Service to North America and Australasia

Since the BBC has not indicated it will change its plans to end its transmissions targeting North America and Australasia on July 1st, **Merlin Communications, the operator of BBC's transmitters, has sold the use of those transmitters and times targeting North America to Radio Netherlands for English-language programming beginning that day.** From a Radio Netherlands press release, "The publicity campaign is designed to recognize and support the millions of short-wave radio owners in North America who still believe in direct contact with Europe from across the Atlantic." Here are the times and frequencies that will have Radio Netherlands programming by the time you read this; thanks to Kim Elliott for formatting the list.

0000-0200 6175 9590
0200-0400 6135 6175
0400-0500 5975 6175
0500-0700 6175
1000-1100 5965 6195
1100-1200 5965
1200-1300 9515
1300-1400 9515 11865
1400-1600 9515 11865 15220
1600-1630 9515
1700-1800 17840
2200-2400 6175 9590

Details of the programming to be scheduled for this special service were not available as of *Journal* deadlines, so you'll have to listen for yourself to see what will be on! Radio Netherlands should be

commended for their continuing commitment to shortwave in its delivery mix to North America, as backed up by their financial commitment to these special broadcasts. Make sure you send them a note (letters@rnw.nl) telling them so!

As of this writing, the QSL policy for these special frequencies and times has not been established; keep in mind the purpose for these transmissions is programming to North America, not any sort of DX test. If you're interested in more specifics regarding any sort of QSL arrangement for these special transmissions, I suggest you visit the Radio Netherlands website (<http://www.rnw.nl>) or NASweb (<http://www.anarc.org/naswa>) for an update.

Meanwhile, back at the BBC, the Bush House *spinmeisters* claim (and I agree) that the following frequencies, targeting Central and South America, should still provide reasonably good reception on a mid-grade portable receiver, or better, in the Eastern USA and Canada:

5975 kHz: 2300 to 0400 UTC
9915 kHz: 0000 to 0300 UTC
12095 kHz: 2100 to 0300 UTC
15220 kHz: 1100 to 1400 UTC
17840 kHz: 1400 to 1700 UTC

Frequencies suggested for the West Coast of USA and Canada include the following:

9740 kHz: 1100 to 1500 UTC
9815 kHz: 1200 to 1500 UTC
11955 kHz or 15280 kHz: 1100 to 1300 UTC

If you inspect these lists, while most NASWANS will likely be able to find the BBC at least part of the time, the loss will be more acute for the more casual listener that might not have as sensitive a receiver, with such frequencies as 9515 and 9590 disappearing.

Finally, late unconfirmed word is that Latin America will see the following new frequencies for the BBC World Service in English as of July 2nd:

0000-0100 on 11810
0100-0500 on 11835

Coalition to Save the BBC World Service:
<http://www.savebbc.org>

Just after putting the June column to bed, a group of shortwave enthusiasts joined together to form the Coalition, in order to create a focused, unified voice to protest the BBC's decision via press releases, media contacts, and a website: <http://www.savebbc.org>. Many of the Coalition's members are no strangers to NASWA members: John Figliozzi, Sheldon Harvey (of fellow ANARC club CIDX), Ralph Brandi, Tom Sundstrom, and yours truly. Other members of the coalition include ANARC Chariman Mark Meece, David Norrie of New Zealand, and Andy Reid of the Ontario DX Association.

In my opinion, Sheldon gets most of the credit for the basic idea, given his experience in marshalling support for **Radio Canada International** in the early '90s. Ralph has done most of the behind-the-scenes work with his webmastering skills, and John has contributed significant portions of the talking points on the site. I brought my "red pen" to help edit some of the items. John, Ralph, Sheldon, and I have all taken turns "in the barrel" with interviews for newspapers and radio, and serving as media contacts for follow-up.

If you have Web access and care about the BBC—even though it's after July 1st—please stop by the website for the latest updates and for a list of recommended actions and contacts.

The Coalition has been successful in helping to spread the word about the BBC's decision to the following news organizations, among others:

Associated Press
Newsbytes technology news service
Daily Telegraph (UK Newspaper)

The Independent (UK Newspaper)
The Guardian (UK Newspaper)
Atlanta Journal-Constitution
Allentown Morning Call
Time Magazine (Asian edition)
ABC Radio (US, not Australia)
NPR's *On The Media*
WRNI-FM's *One Union Station*
WJHU-FM's *Media Matters*
Radio Vlaanderen Int'l's *Brussels Calling*
Radio New Zealand Int'l's *Mailbag*
Voice of America's *Communications World*
Radio Canada Int'l's *Canada Today*
...and, *Newshour* on the BBC itself!

Among the comments posted at the *savebbc* website were the following from Graham Mytton, the former director of Audience Research at the World Service:

If I had still been at the bbc I would have opposed this move vehemently. I believe it is misguided and wrong.

You are invited to add your own comments at the website as well.

In addition, an "Early Day Motion" was created by a member of the British Parliament to allow MPs an opportunity to add their voices in opposition and pressure the BBC and the Foreign & Commonwealth Office. At last count, 24 members of Parliament had added their names to the motion.

By emphasizing the *savebbc* website here I don't mean to toot my own horn—far from it. The website has been a very effective tool in providing a reference base for interested media to put together their basic story, and to facilitate individual listener contact to the BBC and other organizations. The website has helped publicize shortwave radio and give it a visibility in North America that I have not seen before in my 16 years of active listening.

What To Do Even Though It's After July 1st
By no means should we ease the pressure on the BBC. One area we've found sympathetic to our cause is Bush House itself—the rank and file of World Service employees as well as many of the program producers.

RCI Action Committee

Both the British press and our own private correspondence support the claim that this is an unpopular decision within the BBC itself. We know of at least one petition circulating Bush House to urge World Service management to rescind the decision.

Many of the producers, presenters, and programs have their own E-mail addresses; if you don't know a particular E-mail address, safe guesses would be `programname@bbc.co.uk` (with no punctuation to the left of the @-symbol) and `firstname.lastname@bbc.co.uk` for individuals. If you will miss a particular program—or a particular presenter—take a few minutes and drop them a note saying so, and urge them to support our efforts.

Also, we all should ratchet up our awareness of the failures of FM and Internet audio when we experience them, and contact Audience Relations at the first sign of trouble with net congestion, rebuffering, blocked audio due to rights restrictions, or server-not-found errors. At minimum, send these E-mails to the `worldservice.letters@bbc.co.uk` address. Yes, you'll receive an automated response, but it's my experience that all comments, good and bad, are read and forwarded to the appropriate department. My logic is that I might have tolerance for Internet difficulties if the BBC considers it an "experimental medium", but if the BBC now considers the Internet to be a mainstream alternative for hearing the World Service, then I will hold it to a high standard of reliability.

If you haven't yet contacted the Foreign & Commonwealth Office—which funds the World Service—take the time to do so. Check my column in last month's Journal for the details or visit the www.savebbc.org website.

If you have questions that I haven't answered here, please don't hesitate to contact me via snail mail or E-mail as shown above. I'll be happy to steer you in the right direction so you can add your voice to the chorus of discontent.

As I mentioned last month, the news isn't good out of **Radio Canada International**, either. Weekend RCI-produced newscasts are no more, and all programs, including English, will be a maximum 30 minutes in length. There has been a reorganization of RCI, with Robert O'Reilly departing and Denis Doucet taking the helm. RCI is now under the direct control of the CBC, versus its prior semi-autonomous status.

One of the fears is that RCI's protected funding from the Heritage Ministry in the Canadian Government might get absorbed in other areas, but there have been no statements to this effect at this point.

Immediate consequences of these moves include the following:

- All RCI produced weekend newscasts have been eliminated since June 2.
- All live programming eliminated on weekends since June 2.
- All morning shows to Africa, Middle East and Europe eliminated June 4.
- Evening show to India cancelled as of June 4.
- Russian and Ukrainian hour-long programs cut down to half-hour as of June 11.
- All permanent staff told to re-apply for their jobs in June. Decision on who will be where to be made in July and August, with creation of new program teams late August.

The RCI Action Committee maintains a website at URL <http://www.geocities.com/rciaction>, and includes an updated description of all the issues and suggested actions for interested listeners. If you don't have web access, here are the key individuals to contact:

- RCI Action Committee—rciaction@yahoo.ca; they would like to be copied on all correspondence

- Radio Canada International—rci@montreal.radio-canada.ca
- Canadian Heritage Minister Sheila Copps—min_copps@pch.gc.ca (Funding source for RCI), Fax (613) 994-1267
- Minister of Foreign Affairs, John Manley—Manley.J@parl.gc.ca (Provides broadcast target area priorities for RCI), Fax (613) 995-1534
- Canadian Prime Minister Jean Chretien—pm@pm.gc.ca, Fax (613) 941-6900

All communication with the Committee is considered confidential. All comments reprinted on their website have been authorized by the senders before being posted.

Given that RCI has actually operated in 2001 with a *budget surplus*, there is no obvious reason why such moves have to be implemented so urgently. One of the reasons that it's important to make your opinions known is that the Canadian government, the CBC, and RCI are also re-evaluating RCI's "mandate" for broadcasting; if you believe you should be part of RCI's target audience, you should say so and support your assertion with your reasoning.

Why should you "justify" your being part of RCI's audience? We found, with the BBC, that they've somewhat arrogantly and unilaterally developed a target North American audience of opinion formers and decision makers. This was already a *fait accompli* when the BBC situation came up; in the case of RCI, we have an opportunity to help them understand who should be their target audience & why. Let's use this to our advantage.

Editorial: RCI deserves to maintain a strong presence broadcasting on shortwave to North America. US culture is one of the most overwhelming exports we have, and can easily out-shout the cultural heritage of Canada and other countries. RCI is one way to help keep Canadian culture, economics, and current events from being drowned out by its neighbor to the south, and RCI

helps to reduce the perception that Canada is "just like" the US but colder in winter. Canada has retained a more European flavor than the US as the years have progressed, and Canada can help serve as a cultural "bridge" between the US and Europe. Further, as the grandson of Canadians, I retain family ties and a sense of belonging to Canada which RCI helps promote by its shortwave presence. Canada's shortwave presence should be restored without compromise of services, and its funding should be kept secure from other uses.

Radio Austria International: Surviving, but Barely

As mentioned last month, **Radio Austria International** ("RÖI", its German language acronym) is barely alive. RÖI's 2001 funding is only 50% of 1999 levels, and services have been cut.

Roland Machatschke, Director of RÖI, says that a new Broadcasting Law is to be passed by the Austrian Parliament in July. By this law the task of financing RÖI will be handed over to ORF, Austria's state broadcaster. But according to the letter of the draft ORF will have no obligation to operate RÖI. Historically RÖI's funding has been provided as a separate line item, and not be rolled into ORF funding.

Should the ORF management (which almost certainly will be renewed together with the Law) decide that there is not enough money for an international radio program they can shut down RÖI at their discretion.

So far, RÖI's cuts have primarily affected its German language service. Radio Austria International was forced to let go half of its roughly 100 regular staff and freelancers within the space of six months. Programming itself had to be changed to concentrate on the core responsibilities of an international broadcaster, namely news and current affairs. Thus all music programs were discontinued, a decision not easily made by Austria's voice to the world, considering the fact Austria is regarded as the "land of music". All told, 26 of the 36

magazine programs were cancelled along with all RÖI produced news broadcasts and current affairs programs, with the exception of the "Oesterreich Journal", which is broadcast Monday through Friday.

The other language services have remained by and large unchanged, because with their 13 percent share of the entire programming it would have been difficult to make further cuts without endangering their very existence. However, in order to be able to offer RÖI listeners an "Austrian program" and so as not to relinquish the traditional broadcasting frequencies, it was decided to fill the gaps which became available with cultural and news programs from ORF's domestic station "ÖE1". Unfortunately, RÖI has had to curtail some services to more distant target areas because of the high electricity costs involved. For that reason, instead of being on the air to overseas target areas for several hours a day, RÖI can usually only be heard there for one hour daily.

Radio Austria International's website URL is <http://roi.orf.at>, and RÖI can be reached via fax at 011-43-1-50101-16066, and e-mail at roi.service@orf.at.

Evening Alternatives to BBC's News Coverage

If you would just as soon "vote with your feet" with respect to the **BBC World Service** as of July 1st, here are three suggestions for current affairs programs from broadcasters whose efforts rival those of the BBC.

Newslink from Deutsche Welle

Newslink is a 25 minute current affairs program, broadcast four times a day live, with the last edition repeated for the night time broadcasts to North America. It comes after 5 minutes of world news in **Deutsche Welle's** English Service broadcasts.

Graeme Lucas, head of Deutsche Welle's English Service Current Affairs, adds the following info:

On Newslink we try to analyze stories rather than focusing on breaking news itself. We leave breaking news largely to our news desk. That means that Newslink producers try to present European and German views and perspectives on major developments rather than just rehashing world stories that other stations cover anyway.

That means getting as many of the political actors onto our Newslink stage as possible. In the 1900 UTC version, [the version broadcast to North America at 01, 03, and 05 UT-ed], we have a heavy but not exclusive focus on events in Europe. The other versions of Newslink (0900, 1100 and 1600 UTC) tend to take in world events as well. We do not however only cover the hard political stories but also take in business issues, cultural events and sports. We are also always on the lookout for the strange kind of stories that listeners like, for instance we did a story recently on how the behavior of pigs towards their young improved when Mozart was played to them over loudspeakers! We also have a monthly current affairs quiz and have prepared promotional material to highlight up-coming events and the work of DW-Online.

Since budget cutbacks here forced us to completely rethink about working methods and the Newslink mission statement we have been working very hard to improve the show with less money. This may sound like trying to square a circle, but we are proud of what we have achieved in the last nine months. The growing number of positive e-mails and letters from listeners suggests we are on the right track.

Newsline from Radio Netherlands

Newsline has long been a staple of Radio Netherlands' English language programming. The schedule revision which enlarged **Newsline** into a half-hour program essentially gives you three opportunities—2330 weekdays, and 0100 and 0430 Tuesdays through Saturdays—to hear this half-hour program in Radio Netherlands' North American releases. There may well be other airings during the special services beginning on July 1st, as mentioned above.

Jane Murphy, Editor of *Newsline*, offers this insight:

At Newsline, we focus more on background and analysis. In other words, we may not necessarily cover the main news event of the day if we don't think we can give any real insight. I mean, how many times can you ask aid workers at a disaster scene what the survivors need most? We try to take the opportunity to give context to stories making the news. We also work hard to give coverage to issues and to areas of the world which we think tend to be neglected. The other thing that distinguishes us is our style, which I think could be described as unaffected.

News Now from the Voice of America

By mid-July you can expect to see some significant tweaking to the **News Now** format to enhance its variety and depth of coverage, even on weekdays. Four different types of programming will be used in the second half-hour of each hour-long block. These will not be rotated in exact sequence.

Two of the these half-hour blocks will emphasize news and information content; two feature programs will be added to this program block, with one focusing on Americana, to include science, technology, environment, and agriculture reports, with the other emphasizing "lifestyle" developments, especially in the United States.

The third format reintroduces music to the **News Now** stream in four carefully selected

hours, generally late-evening listener-times in the VOA's target areas. Various forms of American music will be spotlighted, laced with plenty of informational content about the genre, artist, and culture that produced it.

The fourth format is the **Talk to America** hour, which will air twice daily—once live, once repeated.

These sound like encouraging changes, and should help introduce a sense of "style" to VOA programming currently missing in the **NewsNow** service.

And in conclusion...

No matter how this BBC situation settles out, I have been extremely pleased by the dialogue we've been able to set up **within the BBC rank and file itself** regarding its programming and how we value it. As I mentioned in the RCI section above, with shortwave competing with other program delivery methods for budget dollars, we listeners can no longer afford to take any broadcaster as a "given" on shortwave. If you don't make the effort to write or send an E-mail, you don't have a right to complain when your favorite broadcaster disappears from shortwave.

Until next month,

SAVE THE BBC WORLD SERVICE!

73 DE Richard.



FOR SALE: Alpha Delta DX-SWZ-S sloper antenna with manual. Forty feet long for 90 to 13 meters. New and never used. Fully assembled. Price \$59.00. Cashiers check or money order only, please. M.L. Flannagen, Jr., 313 5th Street, SW, Charlottesville, VA 22903.

Shortwave Center

Jerry Lineback • 506 South Lawrence Avenue • Scranton, KS 66537 • jalinebk@satelephone.com

My "Much-Beloved" Audio Switching Network

John Bryant, February 2001

In a recent e-mail to my Northwest DXing buddies, I mentioned that I was building a new rack box to go under my new receiver and that I was putting in not one but **two** complete sets of "my much-beloved" audio switching network. Guy Atkins immediately shot back a query asking just which circuit I had in mind. I realized that, tho' I believe that I wrote a small article about this for *DX Ontario*, I've really not shared my marvelous "find" as I should have done. It is classified as a "find" because Don Phillips published the original circuit in *DSWCI Shortwave News* in 1998. My circuit is a slight modification of Don's design. What this simple circuit does

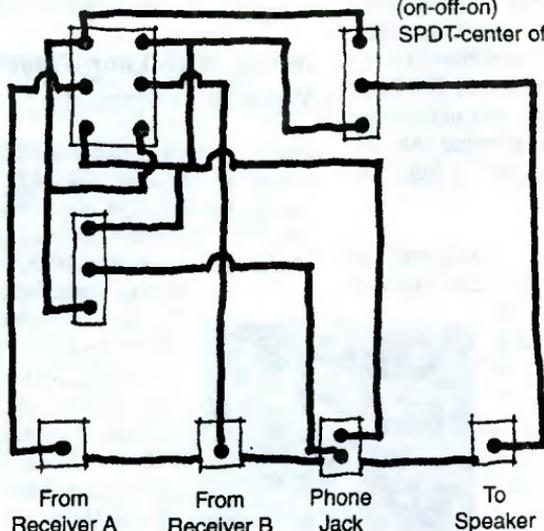
is to take two audio inputs and put either signal in both sides of a pair of stereo headphones, or it puts one of them in each phone simultaneously. The device will also, simultaneously but separately, put either signal out to an outboard speaker. That is it! Sounds simple, but it is a wonderfully useful device.

I first built my original version of this circuit to give me the best chance of comparing the DXing or listening performance of two receivers. Wearing stereo headphones hooked to this network, you can switch instantly back and forth between two different radios, with the flip of the **Priority Switch**. Or, if you throw the **Mono/Binaural Switch** to

"PRIORITY
SWITCH"
(on-on)
DPDT

MONAURAL/
BINAURAL
SWITCH
(on-on)
SPDT

SPEAKER
SWITCH
(on-off-on)
SPDT-center off



All input/output jacks are RCA, except for the stereo headphone jack.
All "returns" or "grounds" are tied together at the jacks.

Binaural, you have one receiver in each ear. In the Binaural Mode, throwing the Priority switch swaps the inputs to opposite sides of the head. I'm not sure what this latter capability could be used for, but it is kind of neat. Generally, I drive the network from the External Speaker port of each receiver. I have never found any way to do a listening comparison between two receivers that is so effective as this. If running receiver comparisons were the only use for the circuit, it would still be worth having.

Pictorial Diagram

AUDIO SWITCHING NETWORK

It didn't take me long, of course, to find a second major use for the circuit: "checking parallels." In both SWBC DXing and International MW DXing, it is often possible to at least tentatively identify a station by simultaneously receiving a stronger signal from the same network being broadcast on another known station or frequency. (The two stations are "broadcasting in parallel.") The usual technique for "checking parallels" is either by using two of the memory channels in the receiver and switching back and forth quickly or by using two radios and manipulating the volume controls appropriately. Either technique works well when both signals are relatively strong, but when the target signal is really "down in the mud" there is **nothing** like using this network to put one signal in each ear, simultaneously. There were several times when, with the old techniques, I would have sworn that two Indonesian stations were broadcasting national news from Jakarta in parallel only to find out, in "stereo" in the Binaural mode, that I was hearing the same female announcer but actually hearing her work in two different programs!!! Also, only when I began to use this network did I discover that All India Radio feeds the national network news programs to some of its regional outlets via satellite and some by land lines. Compared to the direct broadcast from New Delhi, about two-thirds of the regional broadcasts are delayed by a second or so. The delay itself is not very important, but not discovering it over several years of using the "old techniques" of parallel checking indicates how poor they really are.

I discovered a third use for "my beloved" the first time that I took a miniaturized version of it on one of the Grayland DXpeditions. Since I normally only bring one receiver on DXpeditions, I soon discovered that I could use this network and a long audio cord to "listen over the shoulder" of one of my compatriots. I just plug the network into my receiver (Receiver A) and my compatriots' radio becomes Receiver B. I can hook to some radios directly to my compatriots' Speaker Out port. Others require us to use a "Y"

connection at the headphone jack. Hooked up that way, when Dave Clark shouts "Holy S***, CHECK 972!!!" at 3 AM, I can be listening to his radio with one or both ears instantly while everyone else has to decide whether to abandon what they have been listening to themselves. On DXpeditions, this network is also useful to compare each other's receivers while in pedal-to-the-metal DXing situations.

A fourth use for this circuit is the one that has me buying more switches this week. Many of us have begun to use MiniDisc recorders rather than cassette tapes. Invariably, these wonderful recorders are stereo machines. DXing using two receivers, each feeding one channel of the stereo deck, sounds just wonderful, frankly. This is an especially attractive idea since the Fast Forward mode of MiniDisc technology uses a sampling rate that keeps the audio relatively understandable while speeding through the track, so you can whiz through the track later and not miss the ID. Its probably taken you much less time than it took me to realize that this networking circuit is perfect as an interface between the deck and a set of stereo phones, allowing you to listen to either channel A or Channel B or both, at the flick of a switch.

In Use With Long-Playing MiniDisc Technology

Sony has recently introduced decks that will record at standard 74/147 min. stereo/mono length, and at two new stereo-only LP lengths of 160 and 320 minutes. The two new lengths are known as LP2 and LP4. I used

one of these decks, the MDS-12, to test the whole operation. The largest concern, of course, was obtaining pristine channel separation. Notes on the MiniDisc Community web page indicate that a different algorithm is used to record at each of the three speeds. The LP4 encoding strategy takes advantage of the fact that, in music, about 90 percent of the same information exists on each channel. That is the only way, apparently, to achieve the radical compression



necessary to jam 5 hours of quality stereo onto a MiniDisc. I was concerned that this approach would preclude the recording of totally separate tracks in LP4 mode. I was right. At fairly low levels of different audio on each channel, there did seem to be full separation. However, when I did the ultimate test—Buddy Holly's "Rave On" at full blast on Channel A and wv on Channel B—there was some crossover bleeding both ways. When listening to just one of the channels, it sounded like low-level sideband splatter on AM was also coming in from the other track. The problem was not very pronounced and, if put in a desperate situation, I might try to use the 5 hours of LP4 with two receivers, but feeding the channels with only mid-level audio.

Running the same test Buddy Holly Test at the LP2 recording speed produced excellent results. Even Buddy's hottest licks stayed right where they belonged, on Channel A! The same was true at the conventional stereo speed of 74 minutes per MiniDisc. So, with these newer decks, you can record over 5 hours with one receiver in LP4 mode or

record two receivers for almost 3 hours in LP2 and this switching circuit works like a charm to listen to the result.

I ran the Buddy Holly tests using an early generation Sony MiniDisc Recorder and found the same pristine separation of the two stereo channels: seventy-four minutes of excellent recording of two radios simultaneously. Using this circuit to monitor the recording as it happens and to review it later also works like a charm.

Final Remarks

Don Phillips original DSWC article stressed using high-quality, new switches since most users of this circuit quickly become addicted to switch flipping. I agree whole-heartedly. The best quality full-sized switches in a sturdy mount should still hold the parts costs at around \$20.00 and will last you for many years.

I'd like to thank Don Nelson and Guy Atkins for their usual excellent behind the scenes advice that refined this article considerably.

Religious Radio and Television in the United States, 1921-1991

By Hal Erickson

ISBN: 0-7864-1108-2

McFarland & Co., Inc.

Reviewed by Richard A. D'Angelo

The electronic church has been with us since the advent of radio. It has become a fixture in American society on AM/FM radio and television and a fixture worldwide through shortwave radio and satellite services. Every hour of every day you can find a religious broadcast in any of the mediums previously mentioned. *Religious Radio and Television in the United States, 1921-1991* by Hal Erickson covers the subject of religious broadcasting with an encyclopedic sequence of entries approach. Listeners to the shortwave spectrum are bombarded with such religious fare in greater numbers in the present day than

at any other time in the mediums history making the book relevant reading for our hobby as it exists today.

The programs and personalities of *Religious Radio and Television in the United States, 1921-1991* by Hal Erickson presents in encyclopedic form, entries on both the programs and the people of inspirational broadcasting, from the experimental shows in the early 1920's to the sophisticated, satellite dominated programs of today. Each program entry provides background information and a synopsis of the program. For personalities, a career summary includes information on their ministry and the shows in which they appeared. Major religious broadcasting channels and cable and satellite services are listed.

Unfortunately, many of the worldwide shortwave radio religious broadcasters were not

included in the book unless they were United States or Canada based. Therefore, HCJB is included because of its U.S. roots but many others are not. Nevertheless, the Introduction of the book contains an excellent overview on how religious broadcasting began in the United States, radio network relationships and early regulation. Among the notables covered in the book are the following: Billy Graham, Jim and Tammy Bakker, Pat Robertson, Robert Schuller, Jerry Falwell, Dr. Gene Scott, Lester Sumrall, Jimmy Swaggart, and HCJB in Quito, Ecuador. Scores of programs are covered such as the infamous PTL Club, the 700 Club, Unshackled, and the Moody Bible Institute. Many of the names and programs will be familiar to shortwave listeners because of different broadcasters have transmitted these programs across the airwaves over the years. Nevertheless, the subject makes for fascinating reading delving into the motivations and personalities behind the electronic church.

Hal Erickson is an editor for AMG All-Movie Guide, an online film and video database, and is also the author of "From Beautiful Downtown Burbank" published in 2000, Sid

and Mary Krofft published in 1998, and *Television Cartoon Shows: An Illustrated Encyclopedia* published in 1995. He lives in Milwaukee, WI.

Religious Radio and Television in the United States, 1921-1991 by Hal Erickson is a 240 page, softbound (5.5 x 8.5-inch) book, without any illustrations. It is available direct from the publisher (McFarland & Co., Inc., Box 611, Jefferson, NC 28640) for US\$25.00 plus US\$4.00 shipping and handling in the United States and US\$6.00 elsewhere. Also, orders may be placed by telephone (1-800-253-2187) or FAX (1-336-246-5018) or through the publishers' website <<http://www.mcfarlandpub.com>>. Orders can be charged to VISA, MasterCard, AMEX, or Discover cards.

Religious Radio and Television in the United States, 1921-1991 by Hal Erickson provides an interesting perspective on the personalities of the broadcasters associated with religion from its earliest days. There is quite a mixture of characters among the cast making the book interesting reading for those with an awareness and a certain level of familiarity with the subject.

The Oceanic Ionosphere

By Harold O. Smith, MD

In 1992, my wife and I were rank amateurs in freighter travel when we applied for a passage to Mediterranean ports on a vessel of the Great Lakes Yugoslav Line departing from Montreal. We were told to report about April 1st. Like most cities at the present time, we got to know Montreal's polyethnic culture since we did not board the ship until April 9th. Our taxi driver was Lebanese who told us there were more than 1,000 in the city. With the luggage was a Sony A20.

Our ship was the MV Solin of 22000 tons, 750 feet long, built in East Germany in 1985, sailing under a Maltese flag. She carried mixed cargo and containers capable of carrying 820 of the latter. We were assigned cabin 208 on the second deck where were also a coherence room and laundry. Deck

number 3 was a day room and dining room, deck number 5 gang plank and deck number 6 was the entry to the container deck, empty pool and sauna. There were two levels of Ctrs above deck and 5 below. Two ladies from Reno completed the passenger list.

We did not get under way until 12 April down the St. Lawrence. Our first port-of-call was Dalhousie, New Brunswick, where we loaded rolls of newsprint from Canadian Forest Products until Good Friday, 19 April. Walking into town we faced bitter cold wind, and while situated on the Bay of Chaleur, meaning warm, it proved to be a misnomer. We entered the Gulf of St. Lawrence and encountered many ice floes with bumps on the bow necessitating a change of speed.

I strung an antenna wire through the window to a nearby stanchion for the A20. It

surprised me to get so clear and perfect reception from the BBC, RCI and Radio Netherlands. I made frequent visits to the wheelhouse talking to the first mate. Adjacent to it was the radio shack. Now with GPS, it has become as redundant as Morse code. I learned all about Mercator and Gnomal projection from him. For every 15 degrees change in longitude the clock changes one hour; not so true on land with the time zone line travelling a zigzag or tortuous course.

Thanks to a following west wind and calm seas, we reached Gibraltar in 10 days, and La Spezia, Italy in 12 days, an unknown city to us. Situated on the west coast between Genoa and Leghorn, it has large port facilities and is also a naval base. We were there for the purpose of unloading the newsprint at the time of a dock strike. We took advantage of the most attractive towns of Lerici to the south and Porto Venero to the north among others. For 50 cents return on the bus you could visit these ideal areas, so much so that we did not venture inland to nearby Pisa. We were delayed 9 days due to the strike, much to our satisfaction and very much to the annoyance of the captain. We thought it was fortuitous.

Our next port-of-call was Trieste which entailed rounding the toe and heel of Italy to the head of the Adriatic Sea. Although we wanted to see Trieste, we were to see none of it as CTR unloading occurred during the night hours, and morning found us doing the same thing at the nearby port of Koper, Slovenia, another country, thence to Rijeka,

Croatia, for more CTR discharge. Then it was time to return to Salerno, Italy for a similar mission.

You will see CTR freighter travel involves a rapid turnaround with little time ashore. The crew had a similar complaint. My recommendation would be the more mixed the cargo the better for passengers.

On the return trip we faced westerly winds and rough seas. Shortwave reception proved equal to AM reception while our activities were walking the CTR deck and card playing. Early one morning I looked down on the stern deck where the crew was barbecuing a lamb on half an oil from split lengthwise. It was 30 May, which happened to be my wife's birthday, not knowing it was the Croatian National Holiday. In any case both provided for a celebration that evening.

Passing down the St. Lawrence River during daylight hours was a picturesque sight, and by June 1st we had a good look at Quebec City. We were greeted by a loudspeaker ashore playing the Croatian National Anthem.

On June 2nd we reached Montreal, the end of a 35-day trip which proved to be 54 days. Nowadays for every day in excess there is a charge of \$150 per diem. On return home there were 4 or 5 cartons of mail waiting at the post office.

This has been my only exposure to so pristine an ionosphere and the Sony A20 continues to function.

History of International Broadcasting

Volume 2

By James Wood

ISBN 0 85296 920 1

Reviewed by Richard A. D'Angelo

The History of International Broadcasting is the 23rd in a series of the history of technology books published by the Institute of Electrical Engineers in London, England. Printed in England by Bookcraft (Bath) Ltd., this hard cover edition chronicles the his-

tory of numerous international shortwave broadcast stations as no other book has been able to capture. The book contains twenty-seven chapters and two appendices. The book has over 50 illustrations, maps, and photographs as well as numerous tables of information to enhance the text. It explores not only the history and development of all the major shortwave broadcasters but also the technical developments made over the years to improve shortwave broadcast transmissions. The advances in transmitter

capability and antenna design improvements are given significant treatment in this book. Unfortunately, there is very little attention to actual programs carried by the international broadcasters with the author generally describing international broadcasting as propaganda.

Among the books many chapters are sections devoted to the Voice of America and its many relay sites, the British Broadcasting Corporation's World Service, Radio Deutsche Welle, Radio France International, Radio Canada International, Swiss Radio International, Radio Nederland Wereldomroep, Radio Australia, Radio Free Europe and Radio Free Liberty. In addition, the book covers broadcasting in the Arab-Islamic world, the former Soviet Union, the Balkan region, China and Southeast Asia. Also, the book dives into some technical matters with company profiles about the major transmitter manufacturers, discussion about modern antenna arrays, and progress in the digital world of communications. In these areas, the *History of International Broadcasting, Volume 2* provides excellent, in-depth coverage. Also, the book discusses the advancement of transmitter powers over more than two decades to the present 500 kilowatt units which appear to be "nudging closer to the limits of physics" and, where the author sees future improvements, the greater emphasis on shortwave curtain antennas with higher gains.

The author's previous book, the *History of International Broadcasting* published in 1993, attempted to encompass the history of international radio broadcasting in a single volume. It traced the history of international broadcasting, chiefly on the shortwaves, from its earliest origins to its role as an instrument of foreign policy in World War II and into the Cold War. However, history is constantly being made and that volume could not capture the changes brought about as the former Soviet Union and its eastern European satellites collapsed. As James Wood notes, "during the Cold War nobody could have predicted that in the not-too-distant future Western broadcasters such as the

Voice of America, Radio Deutsche Welle, the BBC World Service and major religious broadcasters would be leasing airtime on Soviet built transmitters." However, this is exactly what has and is happening today as the international radio-broadcasting scene continually evolves.

The author, James Wood, is a consulting engineer, analyst and journalist specializing in the international broadcasting industry. The author has written over 280 articles, technical papers and books over the years. In addition, he has contributed to all the major broadcast magazines and journals in Europe, the USA and Asia. Mr. Wood is a regular contributor to Radio World International Edition. He was born during the formative years of early radio broadcasting in the United States. At the age of ten, he built his first home-built wireless receiver to pick up station broadcasts. As an engineer, he has been involved with some major radio events over the years.

.....
**International
shortwave broadcasting is a
fascinating subject
and the author is to be
commended on his effort.
This historical reference work
is well worth the price
and makes a terrific read.
It should be
in the library of
anyone with an interest in
shortwave broadcasting.**
.....

The History of International Broadcasting, Volume 2 makes fascinating reading for the shortwave listener and is well worth its expensive price tag. James Wood does a very good job of describing the shortwave broadcast spectrum, program preparation costs, the growth and consolidation of the short-

wave broadcast listening audience as well as covering the propaganda need and objectives governments have of pursuing an international shortwave broadcast voice on the airwaves. As mentioned previously, Mr. Wood essentially believes all shortwave broadcast material is "propaganda" which may be offensive to some readers. However, keeping in mind that most major international broadcasters use the medium for political purposes of one type or another, the word propaganda is probably as good as any other to describe programming in general. Nevertheless, just about all international broadcasters go beyond simple political material with music and other features. He delves into the subject of shortwave radio as a delivery system coming under fire in recent years as digital radio technologies and satellite systems continue to advance. However, Wood believes such systems are more of an adjunct than a replacement because of the gatekeeper effect whereby host countries can censor such transmissions during crisis situations.

The discussion of the role played by international shortwave broadcasting is given extensive coverage by the book. The author clearly credits the role of shortwave broadcasting as a leading cause of the collapse of Communism and the end of the Cold War. The theme of the propaganda role, that the author uses to best describe the use of international shortwave broadcasting, is played out time and again in the book. *The History of International Broadcasting, Volume 2*, provides ample coverage to this effort with not only a chapter devoted to "Projecting foreign policy, propaganda, beliefs, and objectives" but also a chapter and a separate appendix devoted exclusively to Radio Free Europe and Radio Liberty. These two stations are given credit for the role of developing innovative engineering by elevating the art and science of shortwave broadcasting. A Moscow listener is quoted by the author as saying, "There was never an audibility problem with Radio Liberty, it came in like a local station." Clearly, the technical development work done by these

engineers spurred advancements in the technology and science of international shortwave broadcasting.

For the most part, the author remains on target in his presentation of facts and figures as well as his analysis of the whys and wherefores of shortwave broadcasting. Unfortunately, he does wander from time-to-time into his own political views that may be more appropriate in a different book. For example, during his discussion of shortwave broadcasting in the Arab-Islamic World, Chapter 17, and China and SE Asia, Chapter 18, he ventures away from his theme to express some political views. He treads deeply into colonial rule and other political agenda's that are a little off course for this type of publication. The author's point of view concerning historical and present political events in these parts of the world, while interesting in certain respects, does a disservice to the subject of his book. His political analysis doesn't provide much in the way of radio broadcasting enlightenment. Nevertheless, it does not take away from the overall value of this book, international shortwave broadcasting is a fascinating subject and the author is to be commended on his effort. This historical reference work is well worth the price and makes a terrific read. It should be in the library of anyone with an interest in shortwave broadcasting.

The History of International Broadcasting, Volume 2 is a hard-bound, 280 page book that is available direct from the Marketing Department, Institute of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts SG1 2AY, England for US\$65.00 plus US\$9.75 for packing and surface mail delivery outside Europe. They have a location in North America for orders: Institute of Electrical Engineers, c/o Whitehurst & Clark, 100 Newfield Avenue, Edison, NJ 08837, USA. There is a toll free phone number in the USA, 1-888-438-2517. Also, you can purchase the book through Internet booksellers Amazon.com and Barnes & Noble.com for US\$65.00 plus US\$4.00 shipping and handling. 

Technical Topics

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Shedding Some Light on Fluorescent Lamps

You never know when you will discover something new. It can happen at any time and in any place. Even a place, as remote and cut off from normal civilization as the Winter SWL Fest in Kulpville, PA, can be the source of an important discovery.

It was a dark and stormy afternoon as Tony Germanotta and I unpacked our suitcases in preparation for another weekend of frivolity, mayhem and serious socializing with all our good buddies in the nether world of short-wave listening. I carefully infolded my Sony portable loop antenna and hung it from the window valance allowing sufficient clearance to permit 180 degrees of rotation.

I then plugged the cord from the loop's active amplifier into the external antenna jack of my Yacht Boy 400 radio. At this time of year All India Radio is heard quite well on 7410 kHz here in Eastern North America before WBCQ on 7415 kHz signs on for the evening. Tuning to 7410 revealed the distinctive plaintive tones of Indian music. All was right with the world. I was amazed at how clearly I was hearing the station on such a simple and physically handicapped antenna.

Meanwhile Tony had unpacked his newest acquisition, the latest and greatest Sony portable. We decided it would be interesting to compare the performance of the loop against the whip on the new Sony. Much to Tony's delight, his little radio was performing as well as my bulkier setup.

I crashed on the bed, inhaling the sounds of the exotic music. Then I remembered that I had forgotten to plug in the wall wart on my radio. I was still running on the internal batteries. No wonder reception was so clear.

I wasn't picking up any of the hash that normally floats on the power wiring in hotels. I drug the wall wart out of my suitcase and plugged it in expecting the noise to rise to a level that would surely destroy AIR reception.

To my surprise the radio worked the same as before. There was still little noise to be heard. What noise was there could be nulled by proper rotation of the loop. I was probably canceling the noise picked up via the power line with noise from the antenna. Rotating the loop shifted the phase of the antenna-received noise so it could cancel the noise coming in over the line. This is an interesting advantage of a loop that is not generally appreciated but that's another article.

We continued to enjoy the music. Then Chuck Rippel popped into the room and said, "Hey what are you guys listening to?" Amazed, he returned to his room to get his own AR-7030 and Sony loop antenna. We now had a three-way comparison of performance going. Chuck's radio performed marginally better than the portables, but not enough better to change the enjoyment level of the music.

As the sun began to set, it was time to flick on the room lights. I noticed that the new hotel management had replaced the old incandescent light bulbs with modern fluorescent bulbs that screw into the old light fixtures. I expected the new lights would doom AIR to a noise bath that would end our listening session. As I flicked on the first light, I was greeted by a slight ping from the lamp as the bulb instantly ignited into a warm glow.

Now comes the moment of discovery. I realized that when I turned on the light, there was no evidence of the typical fluorescent lamp buzz that usually ruins short-wave reception. The Indian music continued unimpaired. Very interesting. Next I turned on every light in the room. Still, there was no noise. We could not believe it.

I disconnected the YB-400 from the loop antenna and external power. The radio was now operating on internal batteries and the built in whip. I probed the vicinity of the lamp with the whip antenna. I found that the antenna had to be within a few inches of the lamp before any noise was evident.

With electric rates skyrocketing in many parts of North America there is new interest in energy-saving lighting. These lamps put out the light equivalent of a 75 watt incandescent bulb but only consume 22 watts. In the past SWLs have been reluctant to replace their old incandescent lamps because of the fear that noise from energy-efficient type lamps would obliterate their SW listening.

The Kulpville experience showed us that this assumption is not necessarily true. If you are going to convert your home to energy-saving lamps, you should certainly consider the type and brand of lamps used at our Kulpville home away from home.

Unscrewing one of the lamps allowed us to read the data printed on the base. "Lights of America" is shown as the manufacturer. There are several numbers also there, 2622, 22W ballast, and, FC8T9EX-L 27K which we assumed to be the model number.

When I got home, I checked the Lights of America web site at <<http://www.lightsofamerica.com/>>. The site is quite informative and revealed why the lights are so RF quiet. The secret is their patented solid-state ballast circuitry.

"The LOA-patented integrated circuit design construction allows for a cooler operating temperature, which eliminates overheating and increases lamp longevity. By optimizing operation of the lamp, users save 75% in efficiency when compared to incandescents.

Electronic circuit board technology provides a controlled instant start to Lights of America light fixtures. This manages to eliminate flickering during start-up as well as the "buzzing" heard from many magnetic ballasts."

Over the life of the lamp, the fluorescent bulb is no more expensive. I have seen similar lamps by GE in stores at prices of less than \$10. The lamps are warranted for one year and have a life expectancy of 30,000 hours. That means the lamp will outlast 16 1800 hour incandescent bulbs.

A 75 watt bulb will consume a dime's worth of electricity every 13.3 hours at an electricity cost of \$.10 per kwh. A 22 watt lamp will run for over 45 hours for the same dime. Another way to look at it is that if you run a lamp for 4 hours per day, the 75 watt bulb will consume 109.5 kwh or \$10.95 in one year at \$.10 per kwh. The 22-watt fluorescent bulb under the same ground rules will cost less than \$3.22 to run. The fluorescent bulb will almost pay for itself in the first year of electricity savings. Even if you are only paying \$.05 per kwh, the purchase of these bulbs makes sense. The purchase cost should be recovered in the first 2 years of use.

So take the leap into modern fluorescent lighting. The web site lists the stores that carry their products as Home Depot, Home Base, True Value, Ace, Wal-Mart, Sam's Club, K-Mart, Sears, Orchard Supply, and Lowe's.

Buy one and try it out. If you find it as quiet as those in the hotel, buy more. Your friends in California will thank you. Until next time, 

Adrian Peterson's Diary

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

Old Radio Australia Relay Stations in the Middle East

Recent research in conjunction with "Pacific Radio Heritage" in New Zealand reveals the fact that Radio Australia was on relay from at least three different locations in the Middle East back during the era of the Middle East phase of World War II. This is the story, and it goes back to the earliest origins of radio broadcasting for the benefit of Australian servicemen on duty overseas.

In the latter part of the year 1938, the PMG Department in Sydney began planning for the construction of a mobile radio studio which would be used in the production of outside broadcasts for relay by the ABC network of mediumwave and shortwave radio stations throughout Australia. Work on this project was completed in the earlier part of 1939, and the new ABC Mobile Van was assigned to the New South Wales branch of the ABC.

This new ABC Mobile Van was a state-of-the-art radio studio of the era, complete with turntables, microphones, control console, and associated equipment. Also included was a shortwave transmitter and receiver for point-to-point transmission of recorded material. The roof of the van was specially strengthened so that it could be used as an elevated platform for outside broadcasts.

During the earlier part of the year 1940, this ABC Mobile Van was modified in Sydney in preparation for shipping it to the Middle East. An additional van contained supplementary equipment which included a 32 volt generator and heavy duty batteries. Additionally, there was a pair of high frequency transmitters and receivers for the usage of broadcast personnel in coordinating events associated with the production of remote broadcasts.

The ABC Mobile Van was scheduled to be shipped from Australia to the Middle East in early June 1940, though the departure date was delayed until the end of August due to wartime priorities. The van was set up in the Australian army base near Jerusalem.

Special Forces Programs from "Australia Calling," the early name for Radio Australia, were received off air and recorded on large discs. These discs were then taken to the local mediumwave station of the Palestine Broadcasting Service and rebroadcast for the benefit of Australian servicemen in the area. This radio station was a 20 kw unit on 668 kHz under the callsign ZJM. It had been established just three years earlier.

Unfortunately, this radio rebroadcast service in the Middle East did not live up to its high expectations. The signal from the low powered shortwave stations in Australia was variable, there was a high degree of local static, and the programming content was considered inadequate.

An officer in the Australian army stationed in Jerusalem complained about these matters in a letter to his father in Adelaide, South Australia, and the information was passed on to army headquarters in Melbourne in February 1941. As a result, the overseas shortwave service was removed from the ABC and placed under the control of the Department of Information.

In the early part of the year 1941, after only a few months of service in the area, the ABC Mobile Van was shipped from Palestine back to Australia, though the radio personnel and several items of equipment were retained in the Middle East. The van was then

refurbished and, together with additional electronic equipment, was divided into three segments for use in the islands to the north of Australia.

In November of the same year, 1941, PMG engineer Reg Boyle conducted a series of test broadcasts in Jerusalem for the relay of Radio Australia programming using a 500 watt shortwave transmitter. As a result of these tests, he concluded that a 1 kw unit would be necessary in order to provide a satisfactory broadcast service in the area.

The Australian army in Jerusalem then lodged a request with army headquarters in Melbourne for approval to erect a 1 kw shortwave station in Jerusalem for the local relay of radio programming from "Australia Calling." This station was projected to cost 5,000 pounds and it would be under the control of a PMG engineer, Reg Boyle.

However, even though this request was approved by army headquarters, this project was never implemented.

Recently, David Ricquish in Wellington, New Zealand, discovered a set of two photos on an Australian government website. These photos depict a building in the Gaza Strip in Palestine with antennas on the rooftop. The identification for these photos gives the date as February 14, 1942, and the station is identified as ABC Gaza.

Thus the available evidence would suggest that Radio Australia was relayed over three different stations in the Middle East during the era 1940-1942: (1) the 20 kw mediumwave station ZJM in Jerusalem, (2) a 500 watt shortwave transmitter, also in Jerusalem; and (3) an Australian Forces mediumwave station located in the Gaza Strip.

Early Shortwave Broadcasting in Africa

During this year, the new millenium year 2001, Adventist World Radio is celebrating its 30th anniversary. It was back on October 1, 1971, almost 30 years ago, that the first broadcast from the fledgling Adventist World Radio went on the air from a 250 kw shortwave transmitter operated by Radio Trans Europe at Sines in Portugal. Throughout this coming year, AWR is planning many anniversary events, and many of these will be of real interest to the international radio world.

As part of the anniversary sequence, we are planning here in Wavescan to present many features on the historical development of Adventist World Radio, and today's program is another in this series. In this edition, we investigate the early era of shortwave broadcasts on the part of the Seventh-day Adventist Church in the vast continent of Africa.

Records from the era indicate that the Seventh-day Adventist Church has been on the air shortwave from a total of 14 different countries in Africa. Most of these earlier broadcasts were contracted

on a mediumwave station, and they were therefore also heard on the shortwave relay as well.

The first Adventist radio broadcast on shortwave in Africa went on the air in March 1950 over station ETHA in Addis Ababa, Ethiopia. This programming is listed in the *World Radio Handbook* for 1951 and 1952 as the Adventist Hour. These broadcasts of the American Voice of Prophecy radio program were heard on Sundays at 2:45 pm on two channels, 9620 kHz with 1 kw and 15062 kHz with 7.5 kw. Radio station ETHA was the government radio station, and at certain times of the day it carried a commercial service.

Historical records suggest that test broadcasts were placed on the air with the Deutsche Welle relay station in Kigali Rwanda for a short period of time in mid-1975. In the spring of the following year, Adventist broadcasts were placed on two shortwave stations, SLBS at Freetown in Sierra Leone, and Swazi Commercial Radi at Sandlane in Swaziland.

For a period of nearly three years, Adventist programming in English was incorporated into the programming of the Sri Lanka Broadcasting Corporation in Colombo, Sri Lanka and beamed to Africa on three shortwave channels. These 15 minute programs were recorded as special "Test Broadcasts" in the Poona studios of Adventist World Radio and included a shortened version of the old DX program, "Radio Monitors International."

This cluster of shortwave programming all took place before the organization in 1983 of the AWR unit known as AWR-Africa.

Four years later, under the administration of Frenchman Daniel Grizier, a whole slew of new shortwave outlets were added to the schedule of Adventist broadcasting in Africa, some 15 shortwave locations in 10 different countries. Some of these very exotic shortwave stations were located in the Cape Verde Islands, Madagascar, Cameroons, and on the island of Mauritius.

These days, Adventist World Radio is on the air to Africa from shortwave transmitters located in Slovakia, Germany, Italy and South Africa. In addition, the commercial service from Radio Africa Number One in Gabon has been carrying the English language Voice of Prophecy for more than 20 years.

Adventist Broadcasts on Shortwave— Africa

1987, RDTVB, Ouagadagou, Burkina Faso

1987, RN, Yaounde, Cameroon

1987, RN, Bertoua, Cameroon

1987, RN, Douala, Cameroon

1987, RN, Baffoussam, Cameroon

1987, RN, Praia, Cape Verde Is.

1987, RDTVCAR, Bangui, Central African Rep.

1950 Mar, ETHA, Addis Ababa, Ethiopia (American Voice of Prophecy, 3 mos.)

1987, Eq Guinea

1983 Oct 31, Africa No. 1, Moyabi, Gabon (AWR-Africa)

1987, RTVG, Libreville, Gabon

1987, MBC, Curepipe, Mauritius

1987, RM, Antananarivo, Madagascar

1975 July 1, DW, Kigali, Rwanda (Amharic/Swahili tests)

1987, RDR, Kigali, Rwanda

1987, ORTS, Dakar, Senegal (French Voice of Hope)

1987, ORTS, Ziguinchor, Senegal (French Voice of Hope)

1976 Spring, SLBS, Freetown, Sierra Leone

1978 Dec 7, SLBC, Ekala, Sri Lanka (nearly three years)

1976 Spring, SCR, Sandlane, Swaziland

1967, RDTVT, Lome, Togo



FOR SALE: "Passport to World Band Radio" '97, \$7. WRTH '97, \$10, 2000 \$18. Complete NASWA Journals '99 \$15; 2000 \$17. Perry Ferrell's Guides: RTTY Freqs. 2nd Edit. \$5; Confidential Freq. Lists, 5th edit. \$5; 6th edit. \$10; 7th edit. \$12. All items include shipping (overseas shipping extra). Cashiers check or money order only, please. Al Drehmann 389 Laurel Heights Lane, Tryon, NC 28782. E-mail <Adrehman@juno.com> Phone 828 894-3398. No collect calls, please

Listener's Notebook

Al Quaglieri • P.O. Box 888 • Albany, NY 12201-0888 • FAX: (518) 453-0864 • al@alcue.com

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ANTARCTICA 15475.55 LRA36 *RN Arcangel San Gabriel*, 2051-2100* May 25, cumbia music, s/official ancmnts "...hasta aqui transmitio LRA36 Radio Nacional Arcangel San Gabriel, desde la Base Esperanza, Antartida Argentina..." (GIB-Argentina)

AUSTRALIA *Christian Voice* as of 15 June 2001 only two frequencies were operational from Darwin 21680 and 21550 kHz; the other listed channels are planned.

0000-0030	English	17850
0030-0100	English	17850 21680
0100-0400	English	21550 21680
0400-0430	English	21550
0430-0500	English	21550 21680
0500-0530	English	21550
0530-0700	English	21550 21680
0700-0800	English	17820 21680
2030-2130	English	9865 11840
2130-2200	English	9725 11840
2200-2330	English	17850
2330-2400	English	9865 17850

(BBCM)

BANGLADESH *Bangladesh Betar* External schedule

1200-1300	English-GOS	7185 9550
1315-1345	Nepalese	7185 9550
1400-1430	Urdu	7185 9550
1515-1545	Hindi	7185 9550
1600-1630	Arabic	7185 9550
1630-1730	Bengali	7185 9550
1745-1815	English-VOI	7185 9550 15520
1815-1900	English-GOS	7185 9550 15520
1915-2000	Bengali	7185 9550 15520

VOI=Voice of Islam

Reports to: Senior Engineer (Research Wing), National Broadcasting Authority, Bangladesh Betar, 121 Kazi Nazrul Islam Avenue, Shahbag, Dhaka-1000, Bangladesh. E-mail: rrc@aitbd.net (R.J. Eusufzai via DXLD via BC-DX #518, Apr 27/WWDXC/Kubiak-GER)

BELARUS New station *Radio Baranovskiy*, Minsk, heard in Russian at 0845 on freq 10268. Program was called "On a visit with Pasha." Station part of Belarus State University. Announced freq in Minsk—99.5 MHz. Tel. (0172) 209-5555. (Ruslan Slavutskiy-RUS, Rus-Dx Jun 21/BC-DX/Bueschel-GER)

BOLIVIA 3310 *Radio Mosoj Chasqui*, *0830-0838 May 26, program in Quechua w/folk Andean mx, ID "Mosoj Chasqui Radio." (GIB-Argentina) 4796.40 *Radio Mallku*, 1020-1031 May 26, Andean mx, ID at 1030, and mention that "they are fighting for a Foundation for Radio Mallku for fortify the station as fight instrument to its communities," (GIB-Argentina)

BULGARIA 9980 *Eurosonor Radio*, from 1600-1630. Started with electronic mx and ID in German, then music program. (Iwao Nagatani-JPN, JPN Premium Jun 17/BC-DX/Bueschel-GER)

CANADA *Radio Canada International* sked, reflects recent "changes" (i.e. cuts):

0000-0100	English-CBC	11895x
0030-0100	Spanish	9755 11895 13670 15170 15305
0100-0200	English-RCI	5960 9755 13670 13770 15170 15305
0200-0300	English-RCI	15260x 17860x
0330-0400	Arabic	11835v 13735w
1100-1200	French-RC	5990 9640 11910
1200-1300	English-CBC	9660y 15190y
1200-1300	French-RC	5990 9640 11910 Sa/Su
1200-1500	English-CBC	9640 15305 17820 Mo-Fr
1300-1330	Mandarin	6150k 9660y 15190y
1300-1600	English	9640 15305 17800 Sa/Su
1430-1500	Mandarin	7150k 9680y 11890y
1500-1530	Russian	9920r 11935u 15325u 17820u
1500-1600	English-CBC	15455x 17720x
1530-1600	Ukrainian	11935u 15325u 17820u
1600-1630	Russian	11935 15325 17820
1630-1700	Ukrainian	11935 15325 17820
1800-1900	English-RCI	13690u 15470ar 17820 21570u
1900-2000	French-RCI	5995u 7235u 13670u 15120a 15325 21570
1915-1945	Arabic	15200v 17630h 17820u
2000-2100	English-RCI	5995h 11690u 15325 17870 21570
2100-2130	Arabic	11920w 15325 17820 17870
2200-2230	English	9755 13670 15305-(not Sa/Su) 17695 17880- (not Sa/Su)
2200-2300	French-RC	13710 17835
2230-2300	Spanish	11920 15305 17880
2230-2400	English-CBC	9755 13670 17695

2300-2330 Mandarin 13660y 15360z 17835y
 2300-2400 French-RCI 5960 15305 17880

a=Ascension Island
 ar=Armivir, Russia
 d=Dhabayya, United Arab Emirates
 g=Madagascar
 h=Hoerby, Sweden
 k=Kimjae, South Korea
 r=Moscow
 u=Rampisham/Skelton/Wooferton, UK
 v=Vienna, Austria
 w=Wertachtal, Germany
 x=Xian, China
 y=Yamata, Japan
 z=Singapore

Unmarked frequencies are from Sackville. (BBCM)

CHILE Radio Voz Cristiana

0000-0100 Spanish 6070 15375 21550
 0000-0300 Portuguese 11745
 0100-0300 Spanish 6070 11690 15375
 0300-1000 Spanish 6070 11690 11745
 15375
 1000-1100 Portuguese 11745
 1000-1200 Spanish 6070 11690 15375
 1100-2100 Portuguese 21500
 1200-1300 Spanish 9635 11690 15375
 1300-1400 Spanish 9635 17680 21550
 1400-2200 Spanish 9635 17680 21550
 2100-2400 Portuguese 11745
 2200-2400 Spanish 6070 17680 21550

(BBCM)

CHINA China National Radio Taiwan Service 1

This service may also be referred to as China National Radio 5th program (CNR5). Station identification in Mandarin for both services: "Zhongyang Renmin Guangbo Diantai Xianzai Kaishi Dui Taiwan Guangbo" ("This is the Central People's Broadcasting Station. We now begin our broadcast to Taiwan"). First program: "Di Yi Tao Jiemu" ("This is the First Program").

0055-0300 Mandarin 11100 11935 15710
 0300-0330 Amoy 11100 11935 15710
 0330-0400 Hakka 11100 11935 15710
 0400-0615 Mandarin 11100 11935 15710
 0955-1100 Mandarin 9380 11100 11935
 1100-1130 Amoy 9380 11100 11935
 1130-1530 Mandarin 9380 11100 11935
 1530-1600 Amoy 9380 11100 11935
 1600-1700 Mandarin 9380 11100 11935
 1700-1730 Hakka 9380 11100 11935
 1730-0005 Mandarin 9380 11100 11935

(BBCM)

China National Radio Taiwan Service 2 This service may also be referred to as China National Radio 6th program (CNR6). Second program identifica-

tion in Mandarin: "Di Er Tao Jiemu" ("This is the Second program").

0000-0030 Hakka 6790 9170 11000
 0030-0105 Mandarin 6790 9170 11000
 0355-0600 Mandarin 11000 15880
 0600-0630 Hakka 11000 15880 We-Mo
 0630-0700 Amoy 11000 15880 We-Mo
 0700-0900 Mandarin 11000 15880 We-Mo
 0900-0930 Amoy 11000 15880 We-Mo
 0930-1230 Mandarin 11000 15880
 1230-1300 Mandarin 9170 11000
 1300-1330 Amoy 9170 11000
 1330-1400 Hakka 9170 11000
 1400-1805 Mandarin 9170 11000
 2055-2230 Mandarin 6790 9170 11000
 2230-2300 Amoy 6790 9170 11000
 2300-2400 Mandarin 6790 9170 11000

(BBCM)

Radio Xizang station at Lhasa and Shijiazhuang(*)

0000-0400 Tibetan 4035 4820 5950 5995 6110
 6130 6200 11685*
 0000-1300 Chinese 5240 5935 9490*
 0500-0730 Tibetan 4035 4820 5950 5995 6110
 6130 6200 11685*
 0950-1300 Tibetan 4035 4820 5950 5995 6110
 6130 6200 11685*
 1300-1730 Chinese 5240 5935 6050*
 1400-1700 Tibetan 4035 4820 5950 5995 6110
 6130 6200 7110*
 1700-1735 Chinese 6050*
 2000-2300 Chinese 5240 5935 6050*
 2250-2300 Tibetan 4035 4820 5950 5995 6110
 6130 6200 11685*
 2300-2400 Chinese 5240 5935 9490*

(Nagoya DX Circle website via JKB, 20 May 2001/WWDXC/Kubiak-GER)

CHINA-TAIWAN Radio Taipei International sked, with sites:

0000-0100 Amoy 15440F
 0000-0100 Hakka 5950F 11875T
 0100-0200 Chinese 17845F
 0100-0200 Japanese 15345T
 0100-0200 Amoy 11875T
 0100-0200 Cantonese 5950F 6040P 7520F
 15110p 15440F
 0200-0300 Cantonese 6040P
 0200-0300 English 9680F 15345T
 0200-0300 Spanish 15215F 17845F
 0200-0300 Amoy 11875T
 0200-0300 English 5950F 11740F 15320T
 0300-0400 English 5950F 9680F 11875T
 15320T
 0300-0400 Korean 15345T
 0300-0400 Cantonese 11740F
 0300-0500 Hakka 6040P 15405T
 0400-0500 Spanish 11740F

0400-0500	Cantonese	9610T 15580T
0400-0500	Amoy	11550T
0500-0600	Cantonese	5950F 9680F 15320T 15405T
0500-0600	Amoy	11550T
0600-0700	Thai	15320T 15405T
0600-0700	Amoy	15580T
0600-0700	German	9355F
0600-0700	Spanish	5950F
0700-0800	Amoy	15580T
0700-0800	Burmese	15405T
0700-0800	French	9355F
0700-0800	English	5950F
0800-0900	Indonesian	15580M
0800-0900	Japanese	15465T
0900-1000	Russian	11985P
0900-1000	Hakka	15465T
1000-1100	Indonesian	11550T 15580M
100C-1100	Cantonese	9610T 11635T 15320T 15405T
1000-1100	Mong	11905P
1000-1100	Amoy	11605T 15465T
1000-1200	Hakka	6040P
1100-1200	Cantonese	15405T
1100-1200	Japanese	7130M 11605T
1100-1200	Hakka	11635T 15465T
1100-1200	English	11905P
1100-1200	Indonesian	11550T 15580M
1200-1300	Indonesian	15345T
1200-1300	English	7130M 9610T
1200-1300	Tibetan	11905P
1200-1400	Cantonese	6040P 11915T
1300-1400	Japanese	7130M 11605T
1300-1400	Hakka	15405T
1300-1400	Amoy	11635T 15465T
1300-1400	Russian	11745T 15665F
1400-1500	Korean	7130M 15465T
1400-1500	English	15265P
1400-1500	Hakka	11915T
1400-1500	Thai	11635T 15405T
1500-1600	Viet	11915T 15405T
1500-1600	Burmese	11745T
1500-1600	Hakka	9610T
1600-1800	English	11550T
1700-1800	Russian	9955T
1800-1900	English	3955S
1800-1900	German	9955T
1800-1900	French	17750F
1900-2000	French	3955S
1900-2000	German	6175S
2000-2100	Spanish	15715F
2000-2100	French	9955T 15600F
2100-2200	German	11565F 15600F
2100-2200	Amoy	11875T
2100-2200	Spanish	9955T
2200-2300	English	11565F 15600F
2200-2300	Thai	7445T
2300-2400	Spanish	15130F 17805F
2300-2400	Viet	11875T 15405T

F=Okeechobee, Florida
M=Minhsiung

P=Paochung
S=Skelton, UK
T=Taipei

(Nagoya DX Circle, Padula-AUS/EDXP)

CLANDESTINE—AFRICA 12110 *Netsanet Le-Ethiopia* via CIS or Moldova, *1659-1800*, Chimes, ID like "Yehch Netsanet Le-Ethiopia," Amharic opening annt mentioning freq, mixture of African Horn songs and two men talking. Closed after a long talk with ID and instrumental mx. (Anker Petersen-DEN DSWCI DX-W, Jun 20/BC-DX/Bueschel-GER) "Netsa'net" is the frequently used pronunciation during their one hour transmission and that is applicable to the s-on ID. Basically the program is ethnic pro-Amhara propaganda and mainly anti Tigrean broadcasting news at 1715. They have a regular interview with a female "Dr. Ababa" at 1745 preceded by "Yekh Ye-yat Ongatchino" annt by a mail voice, 1800*. S=9 +10dB on clear with occasional fading and a studio audio.[??] (Mahmud Fathi-D, Cumbre Jun 17 and 20/BC-DX/Bueschel-GER)

Voice of Mesopotamia—This Kurdish radio station was first observed by BBC Monitoring on 21 May 2001 with test transmissions. It identifies itself as "Denge Mesopotamia" (English: Voice of Mesopotamia). Voice of Mesopotamia is believed to broadcast via a high-powered shortwave relay transmitter, probably in Eastern Europe/CIS. Languages: Kurmanji Kurdish, Multilingual, Sorani Kurdish, Turkish, Zazayee Kurdish

0800-1000	Multilingual	15230
1400-1600	Multilingual	12105 15770

(BBCM + Fathi-GER/Cumbre DX/Johnson)

CLANDESTINE—ASIA 15440 *Da Guang Ming Dian Tai*, tentatively via Russian site, *2200-0200*, Chinese talks, 2300 TS & ID, political talks; New Clandestine, jammed by noise jammer until 2300*; / / 12075 until 2300* which was jammed by CNR HS program. (Anker Petersen-DEN, Jun 12/BC-DX/Bueschel-GER)

Democratic Voice of Burma, Burmese opposition radio station, aired at 2330-0030 and 1430-1530 acc to their website. Tentative schedule acc observations and various sources:

1430-1455	5945 Tashkent-UZB, 15405 Kvitsoy-NOR, 17805 Talata Volondry-MDG.
1455-1530	5945 Tashkent-UZB, 15405 Juelich-D, 17805 Talata Volondry-MDG,
2330-0030	9495 Juelich-D, 11590 Talata Volondry-MDG

(Olle Alm-SWE, Jun 14/15/17; Noel R. Green-UK, May 31; WWDXC, Jun 17/BC-DX/Bueschel-GER)

15725 *Voice of Khmer Krom Radio*, at 1400-1430. Opening music and ID as "...Samleng Khmer Kampuchea Kraom." Talk in Cambodian followed. Often heard "Kampuchea Kraom." (Iwao Nagatani-JPN, JPN Premium Jun 15/BC-DX/Bueschel-GER)

CONGO (BRAZZAVILLE) 5985 *Radio Congo*, Brazzaville seems to have changed back to this channel 1845-; however was on 4765 on 26th June. (Jun 27/Patala-FIN/HCDX/DXLD/Hauser-OK)

CONGO—DEMOCRATIC REPUBLIC (KINSHASA) 6828.2 at 1730 clearly a station with Afro pops, but unable to establish language, S between 1 and 2/3, QRM weather-fax, same situation at 1810.

6713.2 at 1740 not sure here, carrier present in USB, also some kind of talk, but really threshold level, S between 1 and nothing, marginally stronger at 1810, seems indeed a radio station, conversation by male & female person in Vernacs, don't think it is French. (Gerhard Werdin at present in Dar es Salaam-TZA, Jun 14/BC-DX/Bueschel-GER) 6713.3 tent *Radio Bukavu*, at 1930, very weak USB audio heard at times, too weak to ID lang., bits of music heard, sounds African. There is usually a fair carrier on this frequency, but not sure if it originates from the same station. The audio pops up at times for couple of seconds. Some listings say this is Bukavu. Also this carrier had disappeared by 2017. (Savolainen-FIN, HCDX, NU Jun 8/17/BC-DX/Bueschel-GER)

6828.4 tent *Radio Bunia*, at 1940 in French, seems to be some kind of ID ceremonies at the top of the hour, but signal is too weak for me. Closing time seems to vary day by day; gone at 2017 recheck. Some listings say this is Bunia. (Savolainen-FIN, HCDX, NU Jun 8/17/BC-DX/Bueschel-GER)

DOMINICAN REPUBLIC 4410.2 *Radio La Voz de la Alabanza*, harmonic 3x1470 (presumed) 0928 I have noticed activity again on this frequency, since the 23rd of this month. On the 23rd I copied definite a LA program, in Spanish, buried in the static. I heard some weak audio again this morning, but not strong enough to override the lightning noise. (Hodgson Jun 28/Cumbre DX/Moore)

FINLAND YLE Radio Finland External Service

0030-0120	Finnish	11995 13785
0120-0130	Swedish	11995 13785
0130-0220	Finnish	11990 13730
0220-0230	Swedish	11990 13730
0300-0400	Finnish	6120
0400-0415	Finnish	6120 9655 11755 15445
0415-0430	Swedish	6120 9655 11755 15445
0430-0500	Finnish	6120 9655 11755 13770
		15445
0500-0515	Finnish	6120 9655 11755 15445
0515-0530	Finnish	6120 11755 15445
0530-0545	German	9560 Mo-Fr
0530-0545	French	9560 Sa/Su
0530-0600	Finnish	6120 11755
0545-0600	French	9560
0553-0600	Latin	9560 Sa/Su

0600-0630	Swedish	9560 Su
0600-0630	Finnish	6120 9560-(not Su) 11755
		15135 21670
0630-0700	Swedish	9560
0630-0700	Finnish	6120 11755
0700-0800	Finnish	6120 6180-(Su) 11755
		15135 21670-(Sa/Su)
0700-0800	Russian	6180 Sa
0800-0830	Finnish	6120 9560-(Su) 11755
		15135 21670
0800-0900	German	9560 Sa
0830-0900	Finnish	6120 9560-(Su) 11755
0830-0900	Russian	17615 21670
0853-0900	Latin	15530 Sa/Su
0900-0950	Finnish	6120 11755 21800
0930-0945	German	15530 Mo-Fr
0930-0945	French	15530 Sa/Su
0945-1000	French	15530
0950-1000	Swedish	6120 11755 21800
1000-1100	French	15530 Sa
1000-1100	Finnish	6120 11755 21800
1000-1100	Swedish	15530 Su
1100-1200	German	15530 Sa/Su
1100-1200	Finnish	6120 11755 21800
1200-1230	Finnish	6120 11755 15400 17670
1230-1300	Finnish	6120 11755
1230-1300	English	15400 17670
1253-1300	Latin	15400 17670 Sa/Su
1300-1330	Finnish	6120 9705 11755
1300-1330	Russian	6180
1330-1400	Finnish	6120 9705 11755 15240
		17710
1400-1500	Swedish	9630
1400-1500	Finnish	6120 9705 11755
1500-1550	Finnish	6120 9705 11755
1500-1550	Russian	9650
1550-1600	Finnish	6120 9650 9705 11755
1550-1600	Finnish	6120 9650 9705 11755
1600-1615	Swedish	9630
1600-1615	Finnish	6120 11755 17670 21810
1600-1615	Finnish	6120 11755 17670 21810
1615-1630	Swedish	6120 9630 11755 17670
1615-1630	Finnish	21810
1630-1645	Finnish	6120 11755 17670 21810
1630-1650	Swedish	9630
1645-1650	Finnish	6120 11755 21810
1650-1700	Finnish	6120 11755
1650-1700	Latin	6120 6140 11755 Sa/Su
1650-1700	Swedish	9630 21810
1700-1900	Finnish	6120 11755
1700-1900	Swedish	9630
1830-1900	French	5970 Su
1830-1930	German	5970 Sa
1900-1950	Russian	6140
1900-1950	Finnish	6120 11755
1950-2000	Finnish	6120 6140 11755
2000-2200	Finnish	6120
2230-2300	Finnish	11990 13730

(BBCM)

GERMANY New schedule of *Radio Rainbow* in Amharic via DTK Juelich:
0800-0900 6180 Sa
1900-2000 15565 Fr

(R BUL "Observer" Ivo Ivanov and Angel Datzinov, Jun 21/BC-DX/Bueschel-GER)

15485 *Radio Africa International* (didn't hear any mention of United Methodist Radio) via DTK 1830-1900 English discussion about missionary work in Africa. Address: 425 Riverside Drive, New York, NY 10115. Good. (27-Jun/Quaglieri-NY)

GHANA 3366 *GBC* Accra appears to be tossing out spurs on 3205.3, 3285.6, 3446.3, noted around 2200. (Jun 19 Kari Helopaltio-FIN, hcdx Jun 22/BC-DX/Bueschel-GER)

INDIA *All India Radio Jeypore* in the Eastern State of Orissa is noted back on shortwave after about 2 years from this morning. The schedule is

0025-0430	5040 Mo-Sa
0025-0445	5040 Su
0700-0905	6040 Mo-Sa
1030-1130	5040 Su
1135-1730	5040

The transmitter was noted going off several times abruptly during the broadcast and test tones noted at other times. It is of 50 kW and was off air due to shortage of spare valves. Address for reports is All India Radio, Jeypore 764005, Orissa, India. (Jose Jacob-IND, HCDX Jun 14/17/BC-DX/Bueschel-GER)

INDONESIA 2960.02 *RPDT Manggarai*, 1122-1200 19-Jun, M in BI talking in rapid staccato bursts. (Rippel-USA, DXplorer Jun 20/BC-DX/Bueschel-GER) 3214.83 *RRI Manado* Jun.25 1103 in Indo. Strong signal but veru low audio. (Iwata-JPN/Japan Premium)

3264.66 *RRI Gorontalo*, 1214-1300 Jun 20, man with Jakarta talk, //other RRI's, Jakarta end-of-nx mx and Jakarta anmt 1229, into pop Indo mx at 1231 with man interspersed with selections. (Nelson-OR/NU)

3325 *RRI Palangkaraya*, 1221-1300 Jun 20, man with Jakarta talk, //other RRI's, Jakarta end-of-nx mx and Jakarta anmt at 1229, into pop mx. (Nelson-OR/NU)

3344.8 *RRI Ternate*, 1219-1300 Jun 20, Jakarta talk, etc., finally into local pop mx at 1234 interspersed with local man ancr. Much longer talk by man. (Nelson-OR/NU)

3355.4 *RRI Jambi*, 1225-1230 Jun 24, nx feed from Jakarta, ID and end-of-nx mx at 1228, //4925. Unusual to hear this parallel. Into man at 1229 with local RRI-Jambi ID followed by Indo.

Gamelan string mx and echo-like ID for RRI Jambi. Into woman at 1231 following the ID. (Nelson-OR/NU)

3905 *RRI Merauke*, 1217 Jun 24, noted with female at fair level. (Bryant- WA/NU)

3976.1 *RRI Pontianak*, 1223-1300 Jun 20, man with Jakarta talk, //other RRI's, Jakarta anmt 1229, 1239 local man, then into local pop mx, ID by woman at 1250, more mx. (Nelson-OR/NU)

4789.15 *RRI Fak Fak*, 1124-1215 Jun 24, pop mx prgm, SCI at ToH and continued with vocal mx prgm (no Jakarta nx feed as found on 3325, 3344.8, 3214.8, 3264.44, 4606.5, 3976.1). (Nelson-OR/NU)

6071.2 *RRI Jayapura*, 1122-1150 Jun 24, Indopop mx with call-in prgm. (Nelson-OR/NU)

6153.65 *RRI Biak*, 1120-1155 Jun 24, Indopop mx mixed with western pops. (Nelson-OR/NU)

Indonesian activity survey:

2899 *RPDT2 Ngada*, 1003 Jun 23, fading-in, got better later, gone by 1405 check. (Foster-02)

2960 *RPDT2 Manggarai*, 1002 Jun 23, info prgm, better than 2899; also off air by 1405. (Foster-02)

3160v *RSPDT2 Halmahera Tengah*, couldn't definitely locate it because of noisy condx at 1000-1430 Jun 23, but there was a tantalizing something on 3170.5 which may or may not have been them. Now located in Maluku Utara province. (Foster-02)

3214.9 *RRI Manado*, 1009 Jun 23, low signal which never really faded in much, unlike others; gone at 1305 re-check. (Foster-02) 3232 *RRI Bukit-tinggi*, no luck this night (+1000-1430+), last seen reported in March, evidently very intermittent. (Foster-02)

3264.6 *RRI Gorontalo*, 0903 Jun 23, nx. Gorontalo is now the capital of the province of the same name, excised from Sulawesi Utara. (Foster-02)

3325 *RRI Palangkaraya*, 1141 Jun 23, way over presumed R. Maya; Bougainville must have been off. (Foster-02)

3344.8 *RRI Ternate*, 1006 Jun 23, nx. Ternate is the capital of Maluku Utara, although it is said a new capital is to be established. (Foster-02)

3355.4 *RRI Jambi*, 1214 Jun 23, very low level, only possible after PNG 1202*. (Foster-02)

3395 *RRI Bandar Lampung*, off air, last rptd in March. Certainly nothing hrd here since. (Foster-02)

3905 *RRI Merauke*, 0847 Jun 23, lstnr greetings between lagu hiburan tracks. (Foster-02)

3960.2 *RRI Palu*, 0913 Jun 23, a bit weak at this time, better later, but QRM then from Kanggye-3959.7. (Foster-OZ)

3976.1 *RRI Pontianak*, *1000 Jun 23, sudden s/on. (Foster-OZ)

3987 *RRI Manokwari*, unhrd Jun 23, apparently briefly reactivated in March. (Foster-OZ)

4000 *RRI Kendari*. Oh dear! Another that has been inactive for several weeks. Hope they return. (Foster-OZ)

4003.2 *RRI Padang*, 1154 Jun 23, ballads. (Foster-OZ)

4606.4 *RRI Serui*, 0850 Jun 23, pretty weak just after s/on, but quickly gathered momentum. (Foster-OZ)

4696.6 *RKIP*. Off air. Saw a rpt of it in mid-April, but I don't recollect hearing it all this year. Maybe only winds up on extra special occasions. (Foster-OZ) 4753.2 *RRI Makassar*, 0958 Jun 23, Koran recitation or similar. (Foster-OZ) 4789 *RRI Fak Fak*, has been off the air since arnd mid-May, using 7230.9 instead. (Foster-OZ)

4925 *RRI Jambi*, 1029 Jun 23, chatty female an-cr. (Foster-OZ)

6071.2 *RRI Jayapura*, 0804 Jun 23, just a het on strong Christian Voice, at 1020 was audible with Indo. ballads. (Foster-OZ)

6153.8 *RRI Biak*, 0818 Jun 23, Indopops. (Foster-OZ)

7171.3 *RRI Serui*, 0733-0845* Jun 23, poor, and unstable modulation. (Foster-OZ)

7230.9 *RRI Fak Fak*, 0734 Jun 23, improving to fairly good by 0800, ute QRM started to spoil it by 0850. (Foster-OZ)

7234 *RRI Palu*, 0750-0810 Jun 23, faint carrier detected, but gone by 0816. Used to close between 0850 and 0855; may or may not have been Palu. (Foster-OZ)

9525 *Voice of Indonesia*, 0810 Jun 23, feature prgm in EG. (Foster-OZ) 9552.4 *RRI Makassar*, 0808 Jun 23, lagu melayu, gone by 0825. (Foster-OZ) 9680 *RRI Jakarta*, 1212 Jun 23, nx rpt about POLRI in Kalimantan Barat; clear, with no BBC QRM. (Foster-OZ)

11760 *RRI Jakarta*, 0801 Jun 23, Indopops, not much of a signal. (Foster-OZ) 11860 *RRI Jakarta*, 1413 Jun 23, still playing Indopops. (Foster-OZ)

15125 *RRI Jakarta*, 0744 Jun 23, elevator mx. (Foster-OZ) (David Foster/NU)

IRAN *Voice of the Islamic Republic of Iran* External Service

0000-0030	Mandarin	15490 15570 17600
0000-0030	French	9022 9560 11970
0030-0130	Bengali	6005 11680 11965
0030-0130	English	9022 9835 11970
0030-0130	Spanish	9515 9655 13755
0130-0230	Urdu	9525 11880 13640 1007
0130-0230	Spanish	9560 9655 9810 13755
0130-0230	Kazakh	11900 13770
0230-0300	Hindi	15165 17635
0230-0330	Pashto	7130 9605 11765 1007
0230-0330	Spanish	13730
0300-0330	Armenian	11860
0300-0430	Dari	9580
0330-0430	Swahili	15260 15595 17570 17800 1007
0330-0530	Azeri	13710
0430-0600	Turkish	15260 15365
0530-0630	Bosnian	15235 15510 17680
0530-0630	Spanish	17590 17785
0530-0630	Hausa	17600 21645 21810
0630-0730	Italian	9022 15084 17560 17605
0630-0730	Albanian	15235 17680
0630-0730	French	17570 17590 21645 1007
0730-0830	German	15084 17590
0930-1000	Armenian	9630 11700 15260
1000-1100	Swahili	17780 17860
1100-1230	English	15385 15430 15585 21470 21730
1200-1300	Italian	15084 15235 17605
1230-1330	Pashto	7165 9630 9790 11870 13785
1230-1330	Malay	15200 15585 17555 17875
1300-1330	Japanese	15235 15555
1300-1400	Kazakh	11750 15330
1330-1430	Mandarin	11720 15460 15570 17630 17805
1330-1500	Dari	7180
1330-1500	Urdu	7270 9565 9730-(to 1430) 11695 13605 13785 15420
1400-1500	Russian	11930 11960 15190 15290
1430-1530	Bengali	9525 9740 11995 15395
1430-1530	Pashto	7270
1500-1530	Hindi	7180 9720 11710 11775
1530-1630	English	7245 9635 11775
1530-1630	Russian	9740 9755 11675 11705 11820 11925 13635
1530-1730	Urdu	7270
1600-1730	Turkish	7165 9022 9550
1630-1730	Armenian	6175 6200 7230
1630-1730	Pashto	6015 6150 7195 7255 9625
1630-1830	Azeri	6160
1730-1830	Bosnian	9545 9610 11660 17295
1730-1830	German	9022 11765 11855 13665 1007

1730-1830	Russian	6140 7115 7205 7305	1555-1625	Italian	9670 11855
1730-1830	Swahili	9655 11995	1605-1625	Russian	11800 15290
1830-1930	French	9022 11765 11860	1630-1655	French	9670 11725
		11880 13665 13700	1630-1655	Arabic	11910 15240 17760
1830-1930	Albanian	7295 9545 9570 9610	1700-1800	Italian	9670 11910 15320a
1930-2000	Italian	7295 11765 13650			15330 17720
1930-2030	English	9022 11670 13730	1805-1825	German	5970 9575
1930-2030	Hausa	11875 15315	1810-1825	Czech	6130 7240
1930-2030	Russian	6045 7125 7230 9905	1825-1840	Slovak	6130 7240
2030-2130	Albanian	9535 11660	1830-1905	Italian	17780 21520
2030-2130	Spanish	9022 11765	1840-1900	Polish	6130 7240
2100-2130	Japanese	11885 13635	1910-1930	Somali	11890 15240 17640
2130-2230	English	9570 13745	1910-1930	Serbian	6130 7240
2130-2230	Bosnian	9660 9810 11660	1935-1955	English	5970 9750
2330-2400	French	9022 9560 11970	1935-1955	Hungarian	6130 7240
2330-2400	Mandarin	15490 15570 17600	2000-2020	Swedish	9595 11755 Mo/We/Fr
(BBCM)			2000-2020	Esperanto	9595 11755 Sa
			2000-2020	Russian	6185 9670 11800
			2000-2020	Danish	9595 11755 Su/Tu/Th
			2025-2045	English	7125 9635 11800
			2025-2045	Arabic	6110 7290
			2050-2110	Portuguese	6110 7290 9800 11880
					15240
0000-0055	Italian	9675 9840 11755 11800	2110-2130	Spanish	6110 7290
0055-0115	English	9675 11800	2115-2135	Romanian	5970 7250
0055-0115	Spanish	9840 11755	2135-2155	Czech	5970 7250
0115-0130	Portuguese	9840 11755	2135-2155	Arabic	7290
0115-0130	French	9675 11800	2155-2210	Slovak	5970 7250
0130-0230	Italian	6110a 9675 9840 11755	2205-2230	English	11900 15265
		11765a 11800	2210-2225	Polish	5970 7250
0230-0315	Italian	9675 9840 11755	2240-2400	Italian	9675 9840 11755 11800
		11765a 11800	(BBCM)		
0315-0335	Spanish	9675 9840 11755 11800			
0335-0405	Russian	7235 9670 11800			
0405-0425	Ukrainian	7235 9670 11800			
0435-0445	Italian	5975 7235			
0435-0455	Amharic	15250 17780			
0445-0500	English	5975 7235			
0455-0530	Italian	15250 17780			
0505-0525	Lithuanian	9670 11800			
0530-0550	Romanian	9670 11800			
0530-0550	Somali	15250 17780			
0600-0620	Arabic	15250 17710			
0600-0620	Russian	11800 15290			
0630-1000	Italian	9670 11800 17710 21520			
1000-1100	Italian	9670 11800 11920			
		11920s 17710 21520			
1110-1300	Italian	9670 11800 17710 21520			
1330-1355	Arabic	9670 11800			
1335-1355	Albanian	7190 9635			
1352-1730	Italian	9670 17780 21520			
		21535 21710 Su			
1400-1415	Slovene	7190 9585			
1400-1425	Italian	17780 21520			
1415-1435	German	7190 9585			
1435-1455	Croatian	7190 9585			
1500-1520	Turkish	9585 11895			
1500-1525	Italian	9670 11880			
1520-1540	Greek	9585 11895			
1530-1555	French	9670 11855			
1540-1600	Bulgarian	9585 11895			

ITALY RAI International - Radio Roma In addition to facilities in Italy, RAI also transmits via Merlin Communications relay stations at Ascension Island-a and Kranji (Singapore)-s

LAOS 4660.60 National Radio Houa Phan Jun. 25 1200 in Lao, News realy from Vientiane. Good signal. (Iwata-JPN/Japan Premium)

LIBERIA 6100 Radio Liberia International (t) at 0636 with nonstop local music, in the clear; fair (28 Jun/Quaglieri-NY)

MADAGASCAR 3287.7 Radio TV Malagasy, Antananarivo, 1940-2020, Afropop and Malagasy announcements heard with only 13111, but // stronger 5009.6 with 25232. (Petersen-DEN Jun 16/ Cumbre DX/Johnson)

MALAYSIA Voice of Malaysia

0500-0600	English-VOI	6175 9750 15295
0600-0830	English	6175 9750 15295
0830-1030	Malay	9750 15295
0900-1400	Indonesian	6175 9750
1030-1230	Mandarin	11885 15295
1300-1430	Thai	6100 6175
1400-1700	Malay-VOI	6025 9750
1430-1530	Burmese	6100
1530-1700	Arabic	15295
1700-1900	Malay	6175 9750
2200-2400	Indonesian	6100 6175 9750

VOI=Voice of Islam (BBCM)

MALI 5995 *RTV Mali* 0600, rarely heard on this channel, though fair signal in the clear past 0700 with mix of talk and folk mx. Much stronger than 4784 and 4835, the latter particularly poor. (Paul Ormandy-NZL, Cumbre Jun 10/BC-DX/Bueschel-GER)

9634 *Radio Television Mali*, Bamako, 1418-1434 in French with an Afropops program. (Carlos Goncalves-POR, DX-W Jun 15/BC-DX/Bueschel-GER)

MEXICO *XERTA Radio Transcontinental de America* has changed its frequency from 4813 to 4870. (Borjorge Jun 24/Cumbre DX/Johnson)

6010 *Radio Mil* at 0514 end of ad block, ID and signature 4-note whistle, into Fats Domino music. Fair. (28-Jun/Quaglieri-NY)

6184.96 *XEPPM* 0621 end Linda Ronstadt song, W "1060am" stinger ID, live M anc ID as XEPPM and brags about listeners on shortwave in Ukraine, Italy, Bangkok and Hong Kong, into canned Stevie Ray Vaughan concert. Excellent. (28-Jun/Quaglieri-NY)

MONGOLIA 4850 *Mongolian Radio*, 1159-1205, 33433 Mongolian, ID & Time, annt as "Mongoliyn Radio yar'zh baina. Ulaanbaatar...tsag." (Mongolian Radio is speaking. It's...hours in Ulan Bator). News followed its original theme sound. Almost blocked out by China's CPBS from 1230. (Hironao Oguma-JPN, Jun 11/BC-DX/Bueschel-GER)

NEW ZEALAND 3935 *ZLXA* this is presently the only shortwave frequency. //1602 MW. "I do not see that changing for some time." (Brian Stokoe, ZLXA, May 23, DX-Window)

PAKISTAN *Radio Pakistan*

0045-0115	Assamese	11650 15455
0045-0215	Urdu	15485 17895
0115-0200	Bengali	11650 15455
0200-0245	Hindi	11650 15455
0245-0315	Tamil	11650 15455
0330-0400	Gujarati	15325 17825
0500-0700	Urdu	15180 17825 21460
0800-1105	Urdu	17520 21465
0900-0930	Indonesian	15625 17660
1000-1030	Tamil	15625 17655
1030-1115	Hindi	15625 17655
1115-1145	Bengali	15625 17655
1145-1215	Sinhala	15625 17655
1200-1230	Mandarin	15100 17895
1215-1245	Nepali	15625 17655
1330-1530	Urdu	11570 15100
1400-1430	Turki	7375 9395
1430-1515	Russian	7375 9395
1600-1615	English	11570 15100 15725
		17720
1630-1700	Turkish	13590 15725
1700-1745	Persian	13590 15725
1700-1900	Urdu	11570 15335

1745-1830	Arabic	13590 15725
1930-2000	French	11570 15335
2300-2400	Urdu	9800

(BBCM)

PAPUA NEW GUINEA 2410 *Radio Enga* 1135-1215 M in TP, mixed in with TP vocal music. Likely religious program. Into Little Drummer Boy music at 1201 (PNG plays a lot of Christmas music all year, so this is not unusual). Back into M in TP at 1203. Enga, as usual, did not signoff at 1200. Continues with religious music(hymns recognizable as Christian but in TP) (Nelson 24-Jun/Cumbre DX/Moore)

3260 *Radio Madang* 1127-1200 Weak program with instrumental music, Strong het noted on 3220 but no audible program. Signoff at 1200 (Nelson 24-Jun/Cumbre DX/Moore)

3305 *Radio Western* 1141-1215 Pop western mx with heavy UTE interference on both USB and LSB(sandwiched). Radio Western did not signoff at 1200, but continues with PNG pop music programming. (Nelson 24-Jun/Cumbre DX/Moore)

3315 *Radio Manus* 1145-1205 Usual program string bands with F in TP at good strength this evening. F at 1203 with signoff announcements followed by local choir with regional signoff music mixed with birds at 1205. (Nelson 24-Jun/Cumbre DX/Moore)

3325 *Radio Bougainville* 1146-1215 Local islands style string bands program fighting with RRI Palangkaraya until signoff at 1205 with TP announcements and regional signoff music (specific to Bougainville, not the PNG anthem). Then the PNG Anthem at 1208, a very long signoff compared with the other PNG stations. Meanwhile, RRI Palangkarya continues to dominate with Jakarta news feed after the SCI at TOH. After Radio Bougainville has completed its signoff announcements at 1209, it drops into a feed of the NBC program of music with parallel on 4890 (Nelson 24-Jun/Cumbre DX/Moore)

3355 *Radio Chimbu* 1145-1203 Mixture of pop western music with local TP string bands. M in TP with timecheck and ID at 1158. Anthem with signoff of 1203 (Nelson 24-Jun/Cumbre DX/Moore)

3365 *Radio Milne Bay* 1150-1201 Program of soft Islands-style vocal and C&W music. M in TP at 1158 with timecheck and ID after prayer, followed by anthem and signoff (Nelson 24-Jun/Cumbre DX/Moore)

3375 *Radio Western Highlands* 1152-1201 Strong signal with rock-like PNG string band music(extremely fast-moving string band music with blaring vocals). M in TP at 1157 with ID and timecheck. Usual signoff with PNG Anthem. (Nelson 24-Jun/Cumbre DX/Moore)

3905 **Radio New Ireland** 0817-0845 M ancr in TP with timecheck at 0817 and into twangy guitar with local vocals (Islands style string band music). Into TP vocal mx with strummed guitar after M in TP. First of the <60MB stations to fade in and no Meruake at this time(later!). Station and program ID at 0830 after timecheck in TP. At 0834, RRI Meruake became evident with call to prayers. Overwhelming the string bands after 0835. (Nelson 23-Jun/Cumbre DX/Moore)

3905 **Radio New Ireland** 1145-1203 Islands style PNG vocals and String bands mixing heavily with RRI Meruake. F in TP at 1202 with signoff, including "Thank you for listening" and into PNG anthem at 1203 (Nelson 24-Jun/Cumbre DX/Moore)

4890 **NBC 1220-1230** "Sundown Gospel Request" program mentioned by M in EE after "goodnight listeners" at 1223 followed by gospel music. Parallel on 3315 after signoff of R Manus (NBC left on at Manus!) (Nelson 24-Jun/Cumbre DX/Moore) Port Moresby 4890, was off this morning at 2000 check. Paul Ormandy says it may have something to do with industrial action (Hambly-AUS, UT June 26, DX Listening Digest/Hausser-OK)

PERU 2257vH Radio La Mejor, Tumbes, la provincia de Tumbes, el departamento de Tumbes (Peru). June 5 2001-1000 UTC. This station popped up for the first time this date and has been heard every following mornings with splendid strength and audioquality. Hard to believe that it is a harmonic. Announces MW 1130 kHz but not listed in WRTH. New station? On its fundamental frequency 1128v a very weak without audible sound. Every morning those two programs: 1000 "Aires andinos del Peru" and 1030 UTC "Mananitas pasilleras." The address is said to be: "Radio La Mejor, La Martin 27, El Milagro, Tumbes." Telephone: 52 59 74. With reservation for hearing wrong in the part "La Martin 27." I don't know whether the station is located in the town Tumbes or in the village El Milagro, la provincia de Tumbes. How they jingle? Yes, of course "la mejor radio!" (Malm-ECU/Nilsson-SWE/SWB/Cumbre/Johnson)

3120v UNID Peru. June 12 2001-1111 UTC. Probably start up at this time. Continues to be heard but with weak signal. I watch the frequency and is back at once if I manage to get an ID! (Malm-ECU/Nilsson-SWE/SWB/Cumbre/Johnson)

3172.7 **Radio Municipal de Panoa**, 4/06 1040-1125 mx ID "Desde la provincia de Pachitea, nace una voz pachiterana, Radio Municipal..." mx ID "Y seguimos con la linda musica por Radio Municipal, estamos desde las 4 de la manana..." (Chasqui DX/Arrunategui-PRU)

3234.9 **Radio Luz y Sonido**, 8/06 1100-1145 ID "Los especiales de Radio Luz y sonido" mxf advs La caravana Super Sensacion, te va a gustar...(Chasqui DX/Arrunategui-PRU)

4388.9 **Radio Imperio**, 0928-0940 tentative. At tune in hrd mx playing and then suddenly stopped. Carrier there but no audio. Audio returned at 0931. Typical Peruvian mx then to long talks with really poor audio quality. The mx was very nice and clear but male announcer is really over modulated. ID not possible. (Montgomery June 27/Cumbre DX/Moore)

4840.1 **Radio Andahuaylas**, 7/06 1045-1125 px Curanderismo advs ID "Por Radio Andahuaylas, nuestra musica criolla" un especial saludo por el aniversario de la Universidad Tecnologica de los Andes de Andahuaylas px El Noticiero de Radio Andahuaylas..." (Chasqui DX/Arrunategui-PRU)

4855.59 **Radio La Hora**, 6/06 1055-1135 mxf advs Abert el en mejor curandero, consiga su felicidad ID "Por Radio La Hora, desde Cusco para todo el Peru y el mundo..." (Chasqui DX/Arrunategui-PRU)

4975.1 **Radio Del Pacifico**, 5/06 1020-1120 mx la cual tocan durante un largo tiempo, dan un advs sobre la hora de oracion ID "Estn ustedes escuchando Radio Del Pacifico..." (Chasqui DX/Arrunategui-PRU)

5264.87 **Radio La Voz de Chiriaco**, Chiriaco, la provincia de Bagua, el departamento de Amazonas (Peru). June 6 2001-0300cd UTC. The first time I have noted this one so probably off air for a long time. Announces the frequency 5264 kHz—they were previously called "Radio 5264." Mostly nonstop Peruan music interrupted by greetings to friends and acquaintances. Decent signal and is on air 0000-0300 UTC. (Malm-ECU/Nilsson-SWE/SWB/Cumbre/Johnson)

5678 **Radio Ilucan**, 9/06 1105-1205 ID "Radio Ilucan..." mx pasillos y advs ID "Como siempre Radio Ilucan, la mejor ahora con sus nuevos equipos y mas potentes en los 1420 KHz, llegando mas fuerte y claro a toda Cajamarca, el Peru y el Mundo..." (Chasqui DX/Arrunategui-PRU)

5949.59 **Radio Bethel**, Arequipa, la provincia de Arequipa, el departamento de Arequipa (Peru). June 2001-2325 UTC. Listed in WRTH as "Radio Arequipa Bethel." What I hear is "Radio Bethel" or "Somos Bethel la radio." Religious format and heard most evenings but very disturbed by other stations which makes it rather difficult to get an ID. (Malm-ECU/Nilsson-SWE/SWB/Cumbre/Johnson)

6797.54 **Radio Ondas del Rio Mayo**, Nueva Cajamarca; 1112-1120 poor on 16/JUN/20 01. Several local advs and a canned full ID were heard. (TIN-JPN/Relampago DX)

6816.76 **LV de las Huarinjas** back after a short journey to 5851.92 kHz. (Malm-ECU/Nilsson-SWE/SWB/Cumbre/Johnson)

9504.9 **Radio Tacna** 1815 On the air!!! In spite of the earthquake epicentre in the nearby city of Moquegua. Information on activities in the city to reestablish the normal life. Help for those affected in gathering food and supplies. (Lopez June 26) I believe this one had been off shortwave for at least six or seven years. (Moore/Cumbre DX)

PHILIPPINES Some freqs changes of **FEBC Radio International**:

0130-0200	Kuki	15515
0145-0200	Meithei	15515
1115-1130	Katu	7315 Tu
1115-1130	Eastern Cham	7315 We
1115-1130	Muong	7315 Th
1115-1130	Nung	7315 Mo
1115-1130	Steing	7315 Sa/Su
1115-1145	Bahnar	7315 Fr
1130-1145	Bru	7315 Tu
1130-1145	Chru	7315 We
1130-1145	Jeh	7315 Th
1130-1145	Black Tai	7315 Mo/Sa
1130-1200	Chrau	7315 Su
1145-1200	Mnong	7315 Tu
1145-1200	Roglai	7315 We
1145-1200	Rengao	7315 Th
1145-1200	Sedang	7315 Fr
1145-1200	White Tai	7315 Mo/Sa
1200-1300	Vietnamese	7315
1300-1330	Hre	7315 Tu
1300-1330	Jarai	7315 Mo/Fr
1300-1330	Koho	7315 Su/Th
1300-1330	Rade	7315 We/Sa
1330-1345	Chin-khumi	7375 Th-Sa
1330-1345	Chin-asho	7375 Su-We
2230-2300	Lao	9610
2300-2330	Hmong	9610

(Peter C Hsu FEBC Mang, R BUL "Observer" Ivo Ivanov and Angel Datzinov, Jun 21/BC-DX/Bueschel-GER)

RUSSIA 3922.7 **Radio Samorodinka**, Moscow. June 26th at 1956 UT with repeated instrumental tune and ID's in Russian and one in English (mode full AM). Strong signal through the static noise. At about 2005 into usual Russian commentaries and some music. Ending talk portion at 2047 and switched to morse (CW) giving ID and commentaries in Russian with individual but clear hand-keying. I'm not sure if this station is located in Moscow City, some sources give the qth as Serpuhov. (Savolainen-FIN/HCDX)

11840U **Radio Sakhalin**, June 16 0300-0850 Theme mx, ID as "Govorit Yuzhno Sakhalinsk. V efire Radio Sakhalin." around 0300. Then progr of the day & weather forecast. Except Radio Sakhalin's 0300-0400, Radio Rossii relayed. (Hironao Oguma-JPN, JPN Premium May/Jun/BC-DX/Bueschel-GER)

SIERRA LEONE Radio UNAMSIL is operated by the United Nations Assistance Mission in Sierra Leone.

0000-2400 English 6140

15 minutes of news in Krio at 1100, 1400, 1600 and 2000 (BBCM)

Sierra Leone Broadcasting Service

0600-0830 English 3316

1700-2000 English 3316

30 minutes of news in Mende, Temme, Krio and Limba at 0600 and 1800 (BBCM)

SRI LANKA SLBC has been operational on 4870, 4902, 4940 and 5020 without a break 1100-1700, 1720 etc s-off. 4870 s/off at 1600. This never went off the air. It is the morning and afternoon transmissions on 60 and 49 mb that have been discontinued. Even then 5020 the Tamil Sce has been on from 2330-0200 and 1100-1720 on 5020. (Victor G. Goonetilleke-SLK 4S7VK, DX-W Jun 7/BC-DX/Bueschel-GER)

TAJIKISTAN? 5025 **Radio Viloslav** 1746 M giving adress in possible Tajik, ID as Radio Viloslav/Vidoslav with reference to Dushanbe. 1750 with pop Turkic songs and 1800 M talking with background music, 1818 songs again. (Jun 23 Liangas-GRC)

THAILAND Radio Thailand noted frequently on 6070 during recent days, so it is active at the moment. Either it has recently come back or my recent suggestion that it might be off air was incorrect. Earlier this year 6070 and 7115 switched networks, so 6070 is now // 891 kHz, and 7115 is // Bangkok 819 and FM 92.5. The 819 / 92.5 sce has recently extended hours past its former s-off time of 1600 and may now operate 24h, but 7115 still goes off at 1600 and in fact switches to carry the usual closing Thai Royal Anthem at that time, // 891 and 6070. Still no sign of life on 4830. (Alan Davies-THA, Jun 21/BC-DX/Bueschel-GER)

UGANDA Radio Uganda heard last three nights on 7195 to 2100 off. For example tonight with fair strength on clear channel with news in English at 1900. Had been using 4976 for this service, still on 5026 (Barraclough-UK, June 25th, World DX Club via DXLD/Hauser-OK)

UNITED STATES OF AMERICA Some changes of **Voice of America**:

1500-1515 Uzbek 7110 15185 15355

1800-1830 Turkish 9595 11925 13650

(R BUL "Observer" Ivo Ivanov and Angel Datzinov, Jun 21/BC-DX/Bueschel-GER)

WWCR (Worldwide Christian Radio) operates four separate services from its four 100-kW transmitters. One transmitter (Service 2) is used entirely

by Dr Gene Scott's "University Network;" Another (Service 4) is used entirely by Brother R.G. Stair's "Overcomer Ministry." These are evangelical programs which may also be heard in parallel on several other stations.

0000-0100	English-1	9475
0000-0200	English-2	13845
0000-0900	English-4	7435
0000-1200	English-3	5070
0200-1200	English-2	5935
0600-0900	English-1	3210
0900-1000	English-1	7435
0900-1000	English-4	2390
1000-1100	English-1	9475
1000-1300	English-4	7435
1100-2200	English-1	15685
1200-2400	English-3	12160
1200-2400	English-2	13845
1300-2200	English-4	9475
2200-2400	English-4	7435
2200-2400	English-1	9475

(BBCM)

WYFR—Family Radio Some broadcasts are relayed from the facilities of Radio Taipei International in Taiwan and from Skelton, United Kingdom - (uk).

0000-0100	Spanish	5985 9715 11855 15215	17750 17845
0000-0100	French	15255	
0000-0100	Hindi	15060t	
0000-0100	Portuguese	15130 17725 17805	
0000-0100	English	6085 9505	
0100-0200	English	15060t	
0100-0200	Portuguese	17725	
0100-0200	Spanish	5985 9715 11855 15215	15255 17750
0100-0500	English	6065 9505	
0200-0300	Spanish	5985 9715 11855 15255	
0300-0400	Russian	7355 9905	
0300-0400	German	9355	
0300-0500	Spanish	5985 9715 11855	
0400-0500	German	9985 11580	
0400-0500	Portuguese	15170	
0400-0500	Russian	7355	
0400-0500	English	9355	
0500-0600	Arabic	13695 15170	
0500-0600	German	7355 9985	
0500-0600	English	7255 11580	
0500-0600	Spanish	9705 11855	
0500-0700	English	5985	
0600-0700	English	7355	
0600-0700	French	7520 13695 15170	
0600-0700	German	11580	
0600-0700	Italian	9985	
0700-0800	English	7355 13695 15170	
0700-0800	Italian	7520 11580	
0700-0800	French	9985	
0800-0900	Portuguese	9605 11770	
0800-1000	Spanish	9550 11855	

0900-1000	Portuguese	6175 9605 9625 11770
1000-1100	French	9625 11970
1000-1100	Spanish	6085 6175 9550 11855
1000-1100	English	5950
1002-1100	Mandarin	6300t 9280t
1100-1200	English	5850 5950
1100-1200	French	9505
1100-1200	Spanish	6085 9370 9605 11725
		11970
1100-1200	Mandarin	6015t 6300t 9280t
1200-1245	Mandarin	6015t 6300t 9280t
1200-1300	English	5850 5950 17750
1200-1300	Spanish	6085 11725 11970
		15130 15145
1200-1300	French	13695
1245-1300	Mandarin	6300t 9280t
1300-1400	Spanish	6085 11725 15130 15145
1300-1500	English	11830 11970 17750
1300-1500	Mandarin	6300t 9280t 13695t
1302-1502	English	11550t
1400-1500	Spanish	15130
1500-1600	Mandarin	6300t 9280t
1500-1600	English	6280t
1500-1700	English	11830 17750
1502-1602	Hindi	11550t
1505-1700	Russian	9955t
1600-1700	Arabic	21510
1600-1700	English	18980 21455 21525
1600-1700	Hindi	6280t
1700-1800	Arabic	21525
1700-1800	German	21510
1700-1800	Russian	17760 21725
1700-2000	English	18980 21455
1800-1900	French	18930 21455 21525
1800-1900	Italian	15715
1800-1900	Arabic	13720uk
1900-2000	German	15715 21455
1900-2000	Portuguese	21525
2000-2100	French	15695 17750 21525
2000-2100	English	17845 18980
2100-2200	Mandarin	6300t 9280t
2100-2200	English	15120 17845 18980
2100-2200	Italian	15695 15715
2200-2300	Spanish	15695 15715
2200-2300	Spanish	5985 11855
2200-2300	Portuguese	15130
2200-2300	English	15120 17845
2200-2400	English	11740
2300-2400	Portuguese	17725
2300-2400	Spanish	5985 11855 15215
		17750 17845
2300-2400	French	6085 15255

(BBCM)

URUGUAY 6155 *Radio Sarandi del Yi*, 0149 with Uruguayan national pop mx, by duet "Larbanois-Carrero," and other songs from the "Canto Popular." ID by man. QRK 3/2, strange flutter due—I guess—to carrier beating with probably Fides several Hz away. (Nigro Jun 26/Cumbre DX/Moore)

VANUATU 7260	Radio Vanuatu 0630	In English.	1400-1500	Burmese	11930a
	Drum beats at 0630, then local messages and weather read at 0632 by a man. IDs given by man at 0650 and at the top of the hour at 0700, at which time a religious program began. (Fine-VA 03 Jun)		1430-1500	English	17720a
			1500-1530	Nepali	11890a
			1500-1530	German	7165au
			1500-1530	Afar	15115m 17560au
			1500-1530	Tamil	11850a
			1500-1530	Telugu	15575a
			1500-1530	Punjabi	15195a
			1530-1600	Oromifa	12020m
			1530-1600	English	7165au 17660au
			1530-1600	Malayalam	11850a
			1530-1600	Tigrinya	15115m
			1530-1600	Hindi	11890a 15195a
			1530-1600	Kannada	15575a
			1530-1630	Malagasy	3215v
			1600-1630	Amharic	15115m
			1600-1630	Urdu	17660au
			1600-1700	English	11850a
			1600-1700	Vietnamese	15460a
			1600-1700	Bulgarian	9875j
			1600-1800	Arabic	9385a 11550a
			1630-1700	Somali	15620m
			1630-1700	Persian	11960au
			1700-1730	Amharic	15460au
			1700-1730	Tagalog	13840a
			1700-1730	Persian	11965a
			1700-1730	Swahili	12130m
			1700-1800	Romanian	9875j
			1730-1800	Tigrinya	15460au
			1730-1800	English	11965a 12130m 13840a
			1800-1830	English	5960m 6100m
			1800-2000	Arabic	15585au
			1900-1930	Fulfulde	7230m
			1930-2000	Igbo	7130m
			1930-2000	Hausa	9745m
			2000-2030	Dyula	15195au
			2000-2030	French	7170m 9745m
			2000-2100	Korean	9740a 11980a
			2030-2100	Yoruba	7170m
			2030-2100	French	15195au
			2030-2100	English	9745m
			2100-2130	Japanese	11980a 15240a
			2100-2130	English	15195au
			2100-2200	Mandarin	11730a 15265a
			2100-2300	Arabic	9745j
			2130-2200	English	11980a 15240a
			2200-2230	Indonesian	11850a
			2200-2300	Mandarin	11980a 17635a
			2200-2400	Vietnamese	15320a
			2230-2300	Javanese	11850a
			2300-2330	French	9745j
			2300-2400	Mandarin	12010a 17635a
				a=Agat (Guam)	
				au=Moosbrun (Austria)	
				f=Forli (Italy)	
				j=Julich (Germany)	
				m=Meyerton (South Africa)	
				v=Talata/Volondry (Madagascar)	
				(BBCM)	
VARIOUS PLACES Adventist (AWR) combined sked:	World	Radio			
0000-0030	Chin	11770a			
0000-0100	Vietnamese	15320a Sa/Su			
0000-0200	Mandarin	17635a			
0030-0100	Karen	11770a			
0200-0400	Mandarin	17665a Sa/Su			
0230-0330	Malagasy	3215v			
0300-0330	Amharic	11710au			
0300-0400	Bulgarian	5840j			
0330-0400	English	17635au			
0330-0400	Somali	9600m			
0330-0400	Amharic	6155m			
0400-0430	Urdu	17635au			
0400-0430	Swahili	11975m			
0430-0500	Persian	15215au			
0430-0500	English	11975m			
0500-0530	English	5960m 6015m			
0500-0530	Yoruba	11970m			
0500-0700	Arabic	11830au			
0530-0600	Igbo	15345m			
0530-0600	English	11970m			
0600-0630	Hausa	15345m			
0630-0700	French	9610f			
0700-0730	German	7230au			
0700-0900	Arabic	9610f(to 0800) 15620j			
0730-0800	Dyula	17780au			
0800-0830	French	17780au			
0800-0830	German	9610f			
0830-0900	English	9610f 17780au			
0900-0930	French	15620j			
0900-1000	Italian	7230f 11880j(Sa-Su)			
1000-1100	Mandarin	11980a 15450a			
1000-1100	English	11560a 11705a (to 1030)			
1000-1100	Arabic	17650f			
1030-1100	Tagalog	11705a			
1100-1130	Indonesian	15330a			
1100-1200	Italian	7230f			
1100-1200	Mandarin	11560a 11980a 15615a			
1130-1200	Javanese	15330a			
1200-1230	German	9610f			
1200-1300	Mandarin	15615a			
1200-1300	Korean	9725a			
1200-1300	Vietnamese	11625a 15330a			
1230-1300	English	9610f			
1300-1330	Japanese	11705a 11980a			
1300-1330	French	9840f			
1300-1330	English	15385a			
1300-1400	Mandarin	15615a			
1330-1400	Bengali	15385a			
1330-1400	English	11705a 11980a			
1330-1430	Arabic	9840f			
1400-1430	Sinhala	17720a			
1400-1500	Mandarin	11980a 15615a			

VIETNAM Voice of Vietnam External Service

0000-0030	Cambodian	7285
0000-0100	Vietnamese	9730 13740
0030-0100	Lao	7285
0100-0130	English	6175 9525c
0130-0230	Vietnamese	9695c
0230-0300	English	9525c
0300-0330	Spanish	9795c
0330-0400	English	9795c
0400-0500	Vietnamese	9795c
0830-0930	Mandarin	9840 12020
0930-1000	Indonesian	9840 12020
1000-1030	English	9840 12020
1030-1100	Indonesian	9840 12020
1100-1130	Spanish	9730 13740
1100-1130	English	7285
1130-1200	Thai	7285
1130-1200	Russian	9840 12020
1200-1230	Japanese	9840 12020
1200-1230	Cambodian	7285
1230-1300	English	9840 12020
1230-1300	Lao	7285
1300-1330	French	9730 13740
1300-1330	Russian	7285
1330-1400	English	9730 13740
1330-1400	Cambodian	7285
1400-1430	Japanese	9840 12020
1400-1430	Lao	7285
1430-1500	Indonesian	9840 12020
1430-1500	Cantonese	7285
1500-1530	Thai	9840 12020
1500-1530	Mandarin	7285
1530-1600	Cantonese	9840 12020
1600-1630	English	9730 13730
1630-1700	Russian	9730 13740
1700-1730	English	12070r
1700-1800	Vietnamese	9730 13740
1730-1830	Vietnamese	7440 12070r
1800-1830	English	7440 9730 13740
1830-1900	French	7145 9730 12070r 13740
1900-1930	English	9730 13740

1930-2000	French	9730 13740
2000-2030	Spanish	9730 13740
2000-2030	Russian	7390
2000-2130	Vietnamese	7390 12030
2030-2100	English	9730 13740
2100-2130	French	9730 13740
2130-2200	Japanese	9840 12020
2200-2230	Mandarin	9840 12020
2230-2300	Cantonese	9840 12020
2300-2330	Thai	9840 12020
2330-2400	English	9840 12020

c=via Sackville, Canada
r=via Russia

(BBCM)

v6493 **Cao Bang** at 1200 in Vietnamese, 34343. Heard opening mx and ID by woman. Then singing by woman. Very bad audio but strong today. (Gaku Iwata-JPN JG2WUFU, JPN Premium Jun 17/BC-DX/Bueschel-GER)

ZAMBIA Christian Voice

0000-0300	English	4965
0300-0600	English	6065
0600-1500	English	9865
1500-2400	English	4965

(BBCM)

UNIDENTIFIED 6061.83 heard around 0520 with M in Spanish, mx breaks, fanfare and into religious talk 0531-0552, was seemingly gone at 0605 retune. Is Radio JSV still active/on this late? (28-Jun/Quaglieri-HY)

6054.41 Latin June 2001-1100 UTC. Very weak and very splashed signal. Lots of talk, half religious and tranquil station with female and male DJ. "Bolivia" has been mentioned several times and UTC-4, so Bolivia is a good guess. (Malm-ECU/Nils-son-SWE/SWB/Cumbre/Johnson) 

WELCOME O THE FOLLOWING NEW MEMBERS

GEORGE J MERTON, Modesto, CA
CHARLES J. GRAHAM, Grass Valley, CA
REGINALD F. LEWIS, Cherry Hill, NJ
STANLEY A. NOWIK, Northampton, PA
JASON R. GARDNER, Sebastopol, MS
JOSE ESTEVEZ, Laredo, TX
WILLARD SMITH, Fullerton, CA
LES LOCKLEAR, Gulfport, MS
D.L. KOLHAGE, Key West, FL
RANDALL SHREVE, Hooper, UT
PAUL BERGQUIST, Barre, MA
HERBERT L. THOMPSON, Indianapolis, IN
CHARLES W. HINKLE, Pioneer, OH
VERNON S. BOWERS, Westport, MA
TONY G. POWERS, Atlanta, GA
CHARLES LANG, Canton, ON
LOU ROSSETTI, Arlington, MA
MICHAEL F. MANDERFIELD, South Range, MI
FRANK ADAMS, Woodside, CA
MICHAEL A. RIGGALLS, Utica, NY

Pirate Radio Report

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Welcome to the July edition of the **Pirate Radio Report**. Activity is down a bit but still lots to report on.

Pirate Popularity Poll

The cutoff for voting is July 20th. So if you haven't voted, get yours in today for your most favorite and least favorite currently active shortwave pirate!

United Patriot Radio

The on again and off again UPR went off in mid-June [reports said they were shutting down due to lack of support] but as of June 28th they were back on 6900 kHz after 0000 UTC. Stay tuned! Logged in MO by Bill Wilkins on 6900 kHz. [Wilkins-MO]

ACE Pirate Awards Program Open To NASWA Members

The Association of Clandestine radio Enthusiasts offers five (5) Awards for various achievements in pirate listening, as well as North America's first and only Clandestine Award! When you qualify and apply for an A*C*E Award, you receive a beautiful certificate suitable for birdcages, dartboards or framing. A*C*E Awards are offered in the following categories:

1. Number different NAM MW & FM pirates QSLed in steps of 10. (Note 1)
2. Number different Euro MW & FM pirates QSLed in steps of 10. (Note 1)
3. Number different NAM SW pirates QSLed in steps of 20.
4. Number different Euro SW pirates QSLed in steps of 20.
5. Number different Pirate Countries QSLed with minimum of 3.
6. Number different Clandestine stations QSLed in steps of 5. (Note 2)

Notes:

1. NAM listeners need only 5 Euro MW & FM

QSLs to qualify; likewise, Euro listeners need only 5 NAM MW & FM QSLs.

2. For the purpose of the Awards Program, a Clandestine station is defined as: "an unofficial broadcasting organization which transmits bona-fide anti-government or liberation programming." Therefore, official government mouthpieces (e.g.: BBC, VOA, and the like) and Voice of Tomorrow do **not** count as clandestine stations.

To apply for your Award, send a list of your QSLs (pls print or type) stating station name or ID, type of QSL (card or letter) received, and date received, along with US\$1 and one mint postage stamp to: ACE Awards, PO Box 146, Stoneham, MA 02180. We no longer require photocopies of all your QSLs, but we reserve the right to request to see certain QSLs. If you wish your certificate mailed without those unsightly creases, please enclose two additional stamps or US\$2; overseas please enclose adequate funds for mailing.

Alfa Lima International. This Dutch pirate has been well heard weekend evenings on 15070. Alfred has been playing music and drinking Amstel beer. Reports to Box 663, 7900AR Hoogeveen, Holland. Logged by Brian Alexander on May 26th at 0120 UTC and June 2nd at 0145 UTC. [Alexander-PA]

Radio Free London, A Europirate, was logged on 5805 kHz at 0128 to 0206 UTC on 18 June. IDs and oldies from the '60s and '70s were heard. [Comeau-MA]

Radio Free Speech relay service was heard on 2 June at 0150 UTC on 6913.58 kHz with a broadcast of "The Shadow" radio drama and again on June 9th on 6240.4 kHz [Alexander-PA]

Radio Metallica World Wide was back on the air again. Heard on 6950 kHz USB at 0200 UTC with pop, rock and lots of profanity by Dr. Tornado. [Alexander-PA]

Many thanks to Brian Alexander-PA, Ross Comeau-MA, Rich D'Angelo-PA and Bill Wilkins-MO.

Until next month, Happy Pirate DX.



QSL Report

Sam Barto • 47 Prospect Place • Bristol, CT 06010

РЕСПУБЛИКА ТАТАРСТАН

«ТАТАРСТАН»
ТЕЛЕРАДИОТАШЫРУЛАР
ДУЛУЕТ
КОМПАНИЯСЕ



ГОСУДАРСТВЕННАЯ
ТЕЛЕРАДИОВЕЩАТЕЛЬНАЯ
КОМПАНИЯ
«ТАТАРСТАН»

420015, Республика Татарстан, г.Казань, ул. Горького, 15, тел. 360132
Факс (8432) 361283,433191, телекс 224132 Радио
E-mail root@trkrkt.kazan.ru, postmaster@stvrt.kazan.us

Dear Mr. George L. Glotzbach *Gliz*

Thank you for the reception report of 14.12.99 at 05.24-05.38 UTC. Your reception details were found to be correct so this letter will serve as verification.

The station operates on 15105KHz with a power of 200000 watts at 05.00-06.00 UTC.

The studio is in Kazan and transmitter site in Samara.

Again, congratulations on your reception and thanks for the report.

GOOD LISTENING

Best wishes.
Dmitry Kambarov *Kambarov*

30.12.99

ANTIGUA: Deutsche Welle 17810 cd. in 563 ds.(Glotzbach)

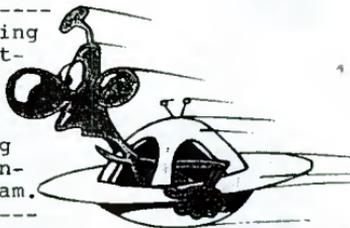
ASIATIC RUSSIA: Heraid Broadcasting 9940 via Irkutsk (site presumed) "Satellite Dish - WSHB" cd. in 6 mo. Heard in Bao Loc, Vietnam.(Craighead).

AUSTRALIA: Christian Voice International 21680 via Darwin f/d ltr. in 2 mo. direct from the site - this was 1 day before I received a p/d ltr. from the UK. They say they are still in the "Test mode". Addr: PMB 5777, Darwin NT 0801. v/s Mrs. Lorna Manning. (Craighead-KS).

Radio Australia 9580 via Shepparton f/d "Limited Edition - Special XXVII Olympiad" cd. #149 in 7 mo. w/ schedule.(Loudell)

BOLIVIA: Radio Santa Cruz 6135 f/d ltr. w/ f/d prepared cd. in 1 mo. for \$1.00 and a taped rpt. Two stickers were rcvd. v/s Yolanda Escobar. (Sgrulletta-NY).

NOTES: Wendel Craighead says he is still receiving QSLs for some of his receptions while in Vietnam. I was there in 1970 and actually enjoyed my tour. I was also in Cambodia for about 2 weeks. Did quite a bit of MW DXing...Sam. George Glotzbach sent in some nice QSLs along with a brochure for the UFO Museum - quite interesting like the creature to the right...Sam.



BRASIL: Radio Capixaba 4935 p/d prepared cd. in 1 mo. for a 98 report hand delivered to the station. v/s Jose Sardinha de Souza, Head of the Technical Dept., Addr: Av. Santo Antonio, 366 Caratoira, Vitoria ES 29.025-000, Brasil

RADIO SPACEMAN

My rpt. was given to Pedro M.C. de Castro, a Brazilian DXer visiting the States, who sent my report to another DXer in Vitoria. Pedro can be reached at: Av. Oswaldo Aranha 1324, 12.606-001 Lorena, SP, Brasil. (Sgrulletta-NY).

CANADA: Radio International 9755 via Sackville f/d "International Year for the Culture of Peace" cd. in 2 wks. w/ RCI pennant, sticker and schedule.(Loudell-DE). Voice of America 15390 via Sackville f/d cd.

QSL - CARD

Dear Mr.D. Angelo,
Thank you for your reception report of February 10, 2001. We are pleased to confirm that you have received Hamburger Lokalradio on the correct frequency transmitting on 6045 Khz (Transmitter Jölich-Germany - Power 100 KW) between 10.00-10.24 U.T.C. with German.

Sincerely

Josef Weller
Museum RADE
member of HLR

FRANZ JOSEF WIDEL, Postfachnummer 2087 Wernitz bei Hamburg - Nr. F-437 - © Foto: Franz Josef Widel

LOKALRAD -FM 96.
KULTURZENTRUM LOLA
D 21031 AMBURG
TEL.04072 7 AX.23

VERIFICATION CARD

Dear **Fred Willshaw**

Thank you for your reception report on our broadcast. Your information has been checked with our radiofiles and found to be correct. We hope you will continue to encourage us with your constructive comments and views on our programs.

Frequency: **7.015** MHz
 UTC/GMT: **10:30-11:00**
 Date: **26. June, 2000.**

"KING Tuojo, Wang-gun"

"King Tuojo" is a well known Korean legend, and the name of the song "The King Gun" was added to the program in 1984 to honor the King and his reign during the last part of his reign.

Since the TV History Drama "King Tuojo, Wang-gun" is Part of the New Millennium Project Radio Korea International



(Craighead) 11925 f/d "Library" cd. in 9 mo. Also received Russian coins and a long personal ltr. mentioning that any valuables included w/ reports are divided by individuals at the Russian Post and Railway (Craighead-KS).

EUROPIRATE: Free Radio Service
 * **vice Holland 6288 f/d**
 personal ltr. w/ cd. in 4 mo. w/ sticker, FRS newsletter and offers. 150 watts. I sent \$2.00. v/s Peter Verbruggen. Addr: P.O. Box 2702, 6049 ZG Herten, Holland. (Sgrulletta-NY).

- GERMANY (East): Deutsche Welle 6100 via Nauen** f/d cd. in 576 ds.(Glotzbach-NM).
GERMANY (West): Radio Vilnius 6120 via Julich f/d "Logo" cd. in 2 mo. (Loudell-DE). **Deutsche Welle 6045 via Wertachtal** f/d cd. in 350 ds.
GREECE: Voice of Greece 17520 via Avlida f/d "Beach in (Glotzbach-NM) * Lefkas" cd. in 24 ds.(Loudell). 9375 via **Kavala** same in 24 ds.(Loudell-DE)
GUATEMALA: TGNA Radio Cultural 3300 p/d "Quetzal on Micro- dell-DE)

NOTES: George Glotzbach reports that in Feb. he received a package from **Deutsche Welle** containing 11 QSLs w/ 10 different designs. They were for rpts. between April 99 and Jan. 2001. Sits QSLed were Bonaire, Sines, Novosibirsk, Sri Lanka, Petropavlovsk, Sackville, Antigua, Nauen, Kigali and Wertachtal. It seems that Frau Silke Brocker wanted him to become DW's "technical monitor" in NM but she had fallen ill and spent almost a year in recovery. I also received a DW notepad, cap, 3 pens, 2 key rings and a "church key opener". He will accept her offer to become a monitor but George says it remains to be determined how technical he can be.....Sam.



phone" cd. in 13 wks.(Loudell-DE).
HAWAII: AFRTS 10320 via Pearl Harbor p/d ltr. in 3 wks.(Loudell-DE).

All illustrations on this page are via Fred Willshaw.

phone" cd. in 13 wks.(Loudell-DE).
HAWAII: AFRTS 10320 via Pearl Harbor p/d ltr. in 3 wks.(Loudell-DE).

I'd hate to end the Column at this point but my @# office typewriter has finally broken down. The new Budget starts July 1, 2001 so I'll have a new one for the August QSL Column. Now I have to explain to the Major about the

QSL
 We are pleased to verify your report on the reception of **DEUTSCHE WELLE**

Date: **9.08.2000**
 Time: **11.30-11.45**
 Frequency: **9900**
 Program: **Prisjeva Bech**

Your report has been checked with our technical files and found to be correct. We would appreciate any further reports from you.

Wolfgang Lettner
 Head of Station
 DEUTSCHE WELLE 12058 Köln Germany

LUFTPOST
 FAST & SURE

DW-Postexpedition Besetzung | D-20568 Hahn

Fred Willshaw
 14613 Waterside Drive
 Charlotte
 N.C. 28270-7355
 U.S.A.

mm auf Sendung < 27. März 2000 > ВІСФІРІ-УКРАЇНСЬКА
27 березня 2000 > ВІСФІРІ-УКРАЇНСЬКА ПРОГРАМА
 +++ Українське Програма на Службу < 27. Мэрз 2000

*broken window!
 Hi!
 Sam*

Scoreboard

Fred S. Kohlbrenner • 214 West Marshall Road • Lansdowne, PA 19050 • fkohl@ix.netcom.com

This month we are highlighting our members totals from Asia. The next deadline is Sept. 15th for the October 2001 issue of the Journal. The spotlight then will be on Europe.

Name, State	Total		Asia		Best Asia qsl
	c/H	c/v	c/H	c/v	
James Young, CA	251	233	72	67	Bhutan
Edward Kusalik, ALB	249	245	73	70	Maldives 4754
Dan Henderson, MD	246	241	75	72	RKPKD Jember
Marlin Field, MI	244	244	67	67	RRI Serui
Jerry Berg, MA	242	240	68	67	Port. Timor
William Flynn, OR	241	227	69	67	BCS Japan
John Sgrulletta, NY	239	239	68	68	RTM Sabah
Gerry Bishop, FL	238	223	69	63	Bhutan
Harold Cones, VA	234	232			
Steven Lare, MI	231	213	68	61	Diego Garcia
Don Hosmer, MI	227	195			
Nobuaki Takahashi, JAPAN	226	201			
Richard A. D'Angelo, PA	222	217	61	60	Afghanistan
Sheryl Paszkiewicz, WI	222	214	64	58	Sri Lanka BC
Richard Davis, NM	221	213	65	61	RRI Dili
Jerry Klinck, NY	220	199	65	49	AIR Pt. Blair
Paul Buer, FL	218	207	56	53	VO Peace
Fred Kohlbrenner, PA	218	196	63	56	RRI Dili
Rick Krzemien, CA	217	212			
Christos Rigas, IL	217	197	60	53	Bahrain
Jerry Lineback, KS	214	109	58	15	Ujung Pandang
Charles Washburn, ME	207	170			
Jerry Johnston, NY	206	136	55	52	AIR Pt. Blair
Dino Bloise, FL	205	85			
George Maroti, NY	199	175	56	48	Bhutan
Stephen Price, PA	193	172	59	53	BSKSA
Bob Fleck, TX	188	165			
Allan R. Loudell, DE	188	160	50	43	AIR Goa
Jim Renfrew, NY	187	153	46	40	Cambodia
Ross Comeau, MA	185	158	47	40	AIR Pt. Blair
Gary Froemming, AZ	181	44	48	7	BSF Taiwan
Andy Rugg, QUE	180	157	43	39	BBC Singapore
Bill Bergadano, NJ	177	117			
Bob Raymond, NH	174	147	39	30	VO Malaysia
Mark Humenyk, ONT	169	137			
Robert E. Gearing II, FL	155	122			
Darren White, MS	154	110	34	24	Wings of Hope
George L. Glotzbach, NM	145	117	44	31	AIR Goa
Norm Constanti, MO	142	107	21	10	Okinawa, Japan
Gary R. Neal, TX	132	122	36	32	Diego Garcia
Jill Dybka, TN	129	99	30	19	R Neder., Irkutsk
Fred Willshaw, NC	120	78	31	18	VOR Petro-Kamch
Ronald J. Hunsicker, PA	110	98			
Gene Borowski, NY	95	85	26	22	Pyongyang
Bret Pollack, MD	82	54			
Ed Krucenski, FL	59	27	15	5	

Net Notes

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

There are times when the Journal and other print media cannot keep up with the Internet, and this is one of those times. Last month we wrote about the BBC's decision to cut shortwave services. This month, there's been an explosion of activity around the world designed to counteract the July 1 deadline. The momentum continues to build as July 1 approaches. We go to press before the outcome is known, but for the latest information check Richard Cuff's Easy Listening column and the Save BBC Web site — [savebbc.org](http://www.savebbc.org) — created by NASWA's own Ralph Brandi.

identify. Sheldon Harvey of CIDX has been actively working on this and the BBC campaign. Read, and react, to the information posted by the RCI Action Committee at www.geocities.com/rciaction

Quickies

Bob Colyard, of New Jersey, USA, has renamed his "Shortwave & DXing Home Page" to "DX World" and the URL has changed from www.cybercomm.net/~slapshot/speidx.html to the new www.dxworld.com

If you are looking for Dave Kirby's Web pages, he has changed ISPs and the new URL is www.n1dk.com

Dave hosts "Cybershortwave" on live365.com on alternating Sunday mornings; check the Web site for the schedule.

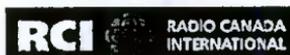
One of the oldest Internet lists of radio stations with Web sites was started by MIT in Massachusetts, way back when. The list is now under the care and feeding of Theodric Technologies in Cambridge, Massachusetts, home to MIT. Now known as "Radio-Locator", the new URL is simply www.radio-locator.com

SAVE BBC WORLD SERVICE | SAVEBBC.ORG

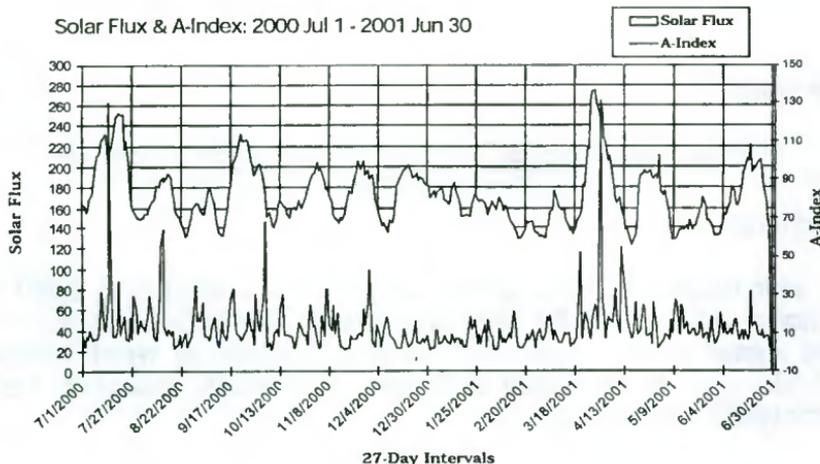
Overshadowed by the BBC's announcement, just north of the USA border another pitched battle to save Radio Canada International is underway. RCI is radically cutting back on news and

live programming under what it calls a

"Redeployment Plan"; live weekend newscasts have been eliminated, language cuts have been made, and it appears to us that RCI will lose its unique



Solar Flux & A-Index: 2000 Jul 1 - 2001 Jun 30



Contributors' Page

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

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA	NRD-545 AOR AR-7030 100' LW
Jim BOYNTON, Newton, MA	Grundig YB-400, 23' indoor LW
Peter COSTELLO, Matawan, NJ	AR3030 DX-390 YB400 70' LW Tun-4A
Rich D'ANGELO, Wyomissing, PA	Drake R8B, Lowe HF-150, DX Sloper
Martin FIELD, Hillsdale, MI	NRD535D, Eavesdropper ant
Mark FINE, Remington, VA	Drake R8A, 150' longwire
Bob FRASER, Cohasset, MA	Sony ICF-2003 ICF-SW100S 2m LW
George GLOTZBACH, Santa Fe, NM	R8B ARA-60
Jerry LINEBACK, Scranton, KS	Icom 746 beverage antennas
Bob MONTGOMERY, Levittown, PS	NRD535D, R390A, T2FD and active antennas
Gary NEAL, Sugarland, TX	Grundig YB-400
Ed NEWBURY, Kimball, NE	WJ-1000, R8, 60' sloper, 20' loop
Stanley NOWIK, Northampton, PA	No equipment listed
Mike PACE, Tipton, IA	Drake SW2, MFJ1022
Claudio PERDUMO, ARG	Sony ICF-2010
Wally RHYNE, Gastonia, NC	R8B, ICOM71A, ICF2010, longwire ant.
Betsy ROBINSON, Clinton, TN	Sony 2010 Indoor antenna
Ed TILBURY, Anchorage, AK	AOR 7030, 80' LW
Gerald WITHAM, Keaau, HI	R8, 185' split LW, ANC-4

Lots of changes taking place on the bands. RCI cut backs, BBC cut backs, wondering where it will end. Stay tuned, it could get interesting. Best wishes in a speedy recovery to Mrs. Treibel.

73

Bob Montgomery



Contribute!

Send your loggings and QSL information off to our Distributing Editor, Bob Montgomery (Address: P O Box 1458, Levittown, PA 19058). He will forward them to the appropriate editor. Remember, Bob also distributes QSL report information and totals for the *Scoreboard* column. He can also be reached through the Internet at: RMonty3@worldnet.att.net.

Tropical Band Loggings

Sheryl Paszkiewicz • 314 Riverview Drive, Apt 16 • Manitowoc, WI 54220 • spaszkievicz@yahoo.com

I think it's going to be another short one, folks.

- 2310 AUSTRALIA ABC 6/7 1053 YL in EG, pop mx (Line-KS)
 2325 AUSTRALIA ABC 6/7 1053 YL in EG, pop mx (Line-KS)
 2410 NEW GUINEA R Enga 6/9 1046 lang pops, poor (Line-KS)
 2485 AUSTRALIA ABC 6/7 1053 YL in EG, pop mx (Line-KS)
 3205 NEW GUINEA R Sandaun 6/7 1041 lang pops, good (Line-KS)
 3220 NEW GUINEA R Morobe 6/7 1040 OM in lang (Line-KS)
 3235 NEW BRITAIN R West 6/7 1040 lang talks, fair (Line-KS)
 3265 SULAWESI RRI Gorontalo 6/7 1039 YL in IN, poor (Line-KS)
 3305 NEW GUINEA R Western 5/28 1305* PD/EG, 2 Tony Orlando songs in half hour, many Ids, sked (Tilb-AK) 6/7 1039 lang talk, poor (Line-KS)
 3315 ADMIRALTY ISL R Manus 6/7 1037 Simon/Garfunkel in lang (Line-KS)
 3325 BOUGAINVILLE R Bougainville 6/7 lang talk, bad het (Line-KS)
 3325 KALIMANTAN RRI Palangkaraya 5/28 1346 continuous bizarre drumming mx which I've hrd on this stn before, news & lengthy talk (Tilb-AK)
 3345 MOLUCCAS RRI Ternate 6/7 1036 YL in IN, fair (Line-KS)
 3355 NEW GUINEA R Simbu 5/24 1112 lang pops, fair (Line-KS)
 3365 NEW GUINEA R Milne Bay 6/7 1033 lang pops, fair (Line-KS)
 3375 NEW GUINEA R W Highlands 6/7 1032 YL in EG, fair (Line-KS)
 3385 NEW BRITAIN R East 6/7 1032 EG political harangue, fair (Line-KS)
 3905 IRIAN JAYA RRI Merauke 6/7 1052 Indo pops under New Ireland (Line-KS)
 3976 KALIMANTAN RRI Pontianak 5/28 1309 talks, various mx, nx with mentions of Pontianak and Kalimantan (Tilb-AK) 6/7 1052 Indo pops, poor (Line-KS)
 4606 IRIAN JAYA RRI Serui 6/7 1051 Indo pops, fair (Line-KS)
 4753.3 SULAWESI RRI Makassar 6/7 1050 Indo pops, good (Line-KS)
 4765 CONGO R Congo Brazzaville 5/26 2303* FR talk, Afr pops, ID (Alex-PA) 5/28 *0424 hilife vocals, FR talk, ID (D'An-PA)
 4783 MALI R Malienne 5/24 0657 FR talk, flute/drums, ID 0700, talk (D'An-PA)
 4830 VENEZUELA R Tachira 5/27 0225 SP rel talk, hymns, LA mx, ID (Alex-PA)
 4835 MALI R Malienne 6/7 0002* tribal vocals, FR talk, ID, anmts, NA (D'An-PA)
 4890 PAPUA Karai R 6/7 1041 EG pops, good (Line-KS)
 4890.2 PERU R Chota 5/13 0255 folk music, Ids, anmts, rustic OA music (Alex-PA)
 4950 ANGOLA R Nacional 5/26 0300 pops, ballads, news, anmts (Alex-PA)
 4965 ZAMBIA Christian Vo 5/26 0257* contemporary Christian mx, gospel mx, short radio dramas in EG, Ids (Alex-PA)
 4995U SICILY AFN 5/12 0145 baseball game, AFN Ids, PSAs, AP news (Alex-PA)
 5010 HONDURAS HRMI 0420* SP rel pgm, ID, hymns, fair-good (Alex-PA)
 5020 SOLOMON ISL SIBC 6/7 1047 OM EG political speech (Line-KS)
 5029.1 COSTA RICA University Net 5/12 0220 Dr. Gene Scott //6150 (Alex-PA)
 5770 NICARAGUA R Miskut 5/18 2356* talk, instl mx, NA (Alex-PA)

What's happening to the tropical bands? Not many reports. Thanks to Ed Tilbury for letting us know he's still active. It seems the only person in the Midwest who can hear Indonesia is Jerry Lineback and his reception is poor too even with a beverage. 

International Band Loggings

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

- 5915 **CZECH REPUBLIC R Prague** in EG *0100, ID, nx, rpt on Austria, ment NATO (McGuire MD 5/13)
- 5990 **CUBA China R Int** relay in EG 2356*, nx, CH mx, lang lesson, into SP 0000, vg (Alexander PA 5/12)
- 5995 **MALI ORTM Bamako** in FR 0657, tlk w/flute & drum mx, ID, more tlk, f (D'Angelo PA 5/24)
- 6000 **BRAZIL R Guaíba Porto Alegre** in PT 0030, sports, nx re BR rftbol teams (Permudo ARGEN 5/18)
- 6020 **MADAGASCAR R Nederlands** relay in DT 1640, interview, rpt from Paraguay, excerpts from Bush speech, rpt from Indonesia, p, //11655 (Witham HI 5/26)
- 6110 **CANADA R Japan** relay in EG *0500, world nx, current affairs in Asia, f, //7230 (Boynton MA)
- 6110 **ASCENSION IS RAI Rome** relay in IT 0130, IS, ID, fqy, sport cmntry, //9840 (Permudo ARG 5/7)
- 6115 **ALBANIA R Tirana** in EG *0230, ID, fqy, sked, review of Albanian press, g, //7160 (McGuire 5/20)
- 6145 **UNITED KINGDOM R Canada Int** relay Skelton in EG *0500, "Maple Leaf Mailbag", nx, sports, interview with RCI director re RCI cutbacks beginning abt 6/10, f (Boynton MA 5/27)
- 6150 **BRAZIL R Record São Paulo** in PT 0130, soft mx, Bible lesson (Permudo ARGEN 5/17)
- 6175 **CANADA BBC** relay Sackville in EG 0256, cmntry on behavior of wildlife, exc (Pace IA 5/16)
- 6350 **HAWAII AFN Pearl Harbor** in EG 0650, CBS Radio network features, ID, AP Network News, f-g (D'Angelo PA 5/24) ED: Listed 3 kw. output!
- 64805 **PERU R Altura Huarmaca** in SP 0315, OA folk mx, ancmts, ID, f-g (Alexander PA 5/13)
- 6536 **PERU R dif Huancabamba** in SP 0309*, OA folk mx, ancmts, abruptly off, vg (Alexander PA 5/13)
- 69566 **PERU LV del Campesino** in SP 0230, on past listed s/off w/variety of LA mx, ID, g (Alexander 5/13)
- 6973 **ISRAEL Galei Zahal Jerusalem** in HB 0258*, new s/off time, lcl pops/folk mx, tlk, f (Alexander 6/2)
- 7210 **BELARUS R Minsk** in EG *0200, IS, nx, cmntry, lcl mx, no EG on Tu/Th, g (Alexander PA 5/26)
- 7235 **AUSTRIA Everest R** via Moosbrunn in Nepali 2130*, nice Nepali mx and tlks including some EG tossed in, worth listening to for the good Nepali mx, p-f (D'Angelo PA 5/28-29)
- 7260 **VANUATU R Vanuatu Port Vila** in EG 0630, drum beats 0630, lcl messages, wx rpt, ID's at 0650 and 0700, into religious pgm, f-g (Fine VA 6/3) ED: Nice low power DX catch!
- 7280 **MADAGASCAR R Nederlands** relay in DT 0020, ID 0023, NA and s/off at 0025*, f-g w/some QRM from local hams, otherwise exc reception even thru static crashes (Montgomery PA 5/27)
- 7415 **USA WBCQ Kennebunk ME** om EG 0930, pgm of mx of the 30's and 40's, s/off at 1000 w/taped closing remarks from Allen Weiner, ID (Costello NJ 6/3)
- 9435 **GERMANY R Santec** via Juelich relay in EG *0058-0129*, s/on ancmt, into Universal Life pgm, "To Learn to Live", ID, addr which was cut off in mid-sentence, g (D'Angelo PA 5/20)
- 9465 **NO MARIANAS KFBS FEBC Saipan** in Ukrainian 1625, soothing mx, ID, IS, into RS 1630, g (Witham HI 5/12) ED: Ukrainian on Saturdays only at 1600. Russian on Su thru Fri.
- 9515 **CANADA BBC** relay Sackville in EG 1205, BBC nx, Indonesian trouble, 89 yr old Nazi jailed (Newbury NE 5/30)
- 9525 **CANADA V of Vietnam** relay in VT 0135, nx abt UNESCO (Permudo ARG 5/18) in EG 0230, ID, national nx, rpt on Ho Chi Minh's birthday, g (McGuire MD 5/21)
- 9655 **IRAN VOIRI Sirjan** in SP 0035, Koran chants, ID, cultural pgm, g (McGuire MD 5/27)
- 96846 **BRAZIL R Gazeta São Paulo** in PT 0110, relig pgm of Iglesia Pentescostal, mx (Permudo ARG 5/17)
- 9705 **MEXICO R Mexico Int** in EG 1500, banda mx, vcls, marimba melodies, g (Robinson TN 6/2)
- 9790 **NETHERLAND ANTILLES R Nederlands** relay in EG 1015, "A Good Life" - youth and domestic violence discussion, exc (Fraser MA 5/18)
- 9870 **CZECH REPUBLIC R Prague** in EG *0300, IS, ID, rpt on European Union, g (McGuire MD 6/1) in EG 0320, tlk re Czech workers in Germany, other features, p (Witham HI 5/18)
- 9925 **GERMANY V of Croatia** relay Juelich in CR 0558*, Beatles mx, CR jazz, g (Newbury NE 5/1)
- 10330 **INDIA AIR Delhi Nat'l Service** in HD 1626-1730*, mostly continuous Indian classical & folk mx, signal f-g with some atmospheric fluter, regional bcsts w/audio better than GOS (Tilbury AK 5/28)

- 11600 **NORWAY R Norway Int** in NO *0558, IS, fqy, sked, nx & rpts, mx, g, //13800 (Witham HI 5/13)
- 11615nf **TAIWAN CBS Taipei** in CH 1630, classical mx, ancmts, ID, co-chan QRM from RFI and jamming presumably from mainland China, abrupt s/off 1700, //6220, 6265 both also new (Treibel WA 6/9)
- 11640 **SOUTH AFRICA Trans World R** relay in EG 0603, anthem-type hymn, sermon (Newbury NE 5/1)
ED: Daily broadcast lasts only 15 minutes 0600-0615.
- 11655 **TURKEY V of Turkey** Ankara *0300, IS, ID, fqy, sked, web addr, nat'l nx, f (McGuire MD 5/20)
- 11675 **RUSSIA V of Russia** relay Armavir in EG 1819, "Commonwealth Update" - latest space nx, exc (Fraser MA 5/14) in EEG 1900, world nx, "News and Views", vg (Boynton MA 5/23)
- 11690 **JORDAN R Jordan** in EG 1600-1630*, nx, AR pops, ancmts, poor w/rtty QRM (Alexander PA 5/12)
- 11705 **GERMANY BBC** relay Lampertheim in EG 1630, "As a Rule" feature, sketches on proper use of the EG lang, ID, p, repeated on 9525 and 15585 at 1740 (Witham HI 5/9)
- 11710 **IRAN VOIRI** Sirjan in AR 2200, ID, nat'l & regional nx, Mideast mx, g (McGuire MD 5/18)
- 11725 **NEW ZEALAND RNZI** in EG 0500, "Checkpoint", lcl nx, wx rpt, Kiwi bird chirps (Boynton MA) in EG 0650, singing "I'll Watch You Sleep", ID, g (Newbury NE 5/12)
- 11765 **SOUTH AFRICA BBC** relay Meyerton in EG, British Telcom to venture into TV, g (Newbury 5/28)
- 11787 **IRAQ R Baghdad Int** in EG 0138, nx, ancmts, mx, full ID, fqy, sked at 0204, into language change, low audio level, distracting hum, deep fades, signal drift (Montgomery PA 5/30) in GM 2000, nx and ethnic mx, poor audio, overall poor (Boynton MA)
- 11820 **GERMANY Deut Welle** Wertachtel in UK 0450, tlks, vcls, mx, IS, p, //9780 (Witham HI 5/2)
- 11865 **GERMANY Deut Welle** Wertachtel in EG 2105, political nx, rpt on elections in Chad, ID, "This Week in Review", g (McGuire MD 5/20)
- 11865 **UNITED KINGDOM BBC** Skelton in Croatian 1705-1715*, nx, ment Colin Powell, remote rpt, ID, tlk, p, //13645 (Witham HI 5/9)
- 11870 **BOSNIA R Yugoslavia** relay in EG 0430, nx, tlk on Serbain elections, ethnic mx (Boynton MA 5/27) in Serbian 2350-0033, IS, into EG pgmg 0000, ID, nx, back to Serbian 0030 (D'Angelo PA 5/17)
- 11915 **BRAZIL R Gaucha** Porto Alegre in PT 0237, ads, ID, fqy ancmts, pop tunes, p-f (D'Angelo 5/18)
- 11920 **CHINA China R Int** Jinhua in EG 1720, rpt on the expanding CH economy, ancmt on the changing of telephone area codes, g, //9695 (Witham HI 5/12)
- 11925 **BRAZIL R Bandeirantes** São Paulo in PT 0105, sporting event live, lots of excitement (Witham HI 5/2)
- 12010 **RUSSIA R Maryja** via Samara in PO 1916, cmntry on Catholic church in Russia (Nowak PA 6/0)
- 12040 **UKRAINE RUI** Kiev in EG 0005, ID, nx, "Ukraine Today", preparations for visit by Pope John Paul, (Fraser MA 5/15, McGuire MD 5/23)
- 12070 **RUSSIA R Tikhyy Okean** Khabarovsk in RS *0714-0800*, opening ID's, mainly tlks, brief mx segments, poor signal w/intermittent rtty QRM (D'Angelo PA 5/24)
- 12105 **GREECE V of Greece** Kavala in GK, mostly tlks and very nice GK mx (Permudo ARG 5/7)
- 13610 **SYRIA R Damascus** in SP 2330-0030, nx, cmntry, AR mx, tlk about Israeli/Palestine crisis, //12085 (Permudo ARG 5/17)
- 13640 **CANADA R Telefis Eirann** relay Sackville in EG *1830, sports scores, TC (McGuire MD 5/20)
- 13675 **UNITED ARAB EMIRATES R Dubai** in EG 0335, ID, rpt on British election, wx forecast, cultural pgm, g (McGuire MD 5/17)
- 13720 **PORTUGAL Deut Welle** relay Sines in EG 0145*, "Man and the Environment", ID, station address, (McGuire MD 5/23)
- 13730 **AUSTRIA RAI** Vienna in SP *2330, IS, ID, nx, cmntry, pgm about anniversary of the liberation of Mauthausen prison camp (Permudo ARG 5/7)
- 13710 **GERMANY R Ecclesia** relay Juelich in PT 1856*, discussion to 1854, ID, fqy, g (D'Angelo 5/20)
- 15115 **SOUTH AFRICA AWR** relay in Amheric 1605-1630*, tlks, mx, ID's in langs (Witham HI 5/2)
- 15125 **INDONESIA RRI** Jakarta in IN 1159, t/in to SCI, ID, tlk, mx segment, nx?, f (D'Angelo PA 6/4)
- 15140 **OMAN R Oman** in AR 1640, YL in phone interview, tlks, p, //15375 better (Witham HI 5/17)
- 15220 **GERMANY Swiss R Int** relay Juelich in EG 1745, mail, confusion re the largest lake and the highest mountain in Switzerland, ID, into FR 1800 (Witham HI) in AR 1925, ID, fqy, sked (McGuire MD)
- 15240 **GUAM KSDA** Agat AWR in EG 2130, "Wave Scan" feature, //11980 (Permudo ARG 4/29)
- 15240 **NO MARIANAS VOA** relay Tinian Is. in EG 1135, nx, Albanian refugees in Budapest, f, //9770 (Newbury NE 5/2)
- 15365 **ROMANIA RRI** Bucharest in EG 2115, pgm on architecture, f (Rhyne NC 5/19)

- 15385 **SPAIN** *REE* Noblejas in EG *0000, festival of San Sidro, saint of Madrid, ID, fqy, sked, station QTH, national nx (Fraser MA 5/15, McGuire MD 5/19)
- 15390 **ASCENSION ISLAND** *BBC* relay in PT 2235-2300*, tlks over mx, ID, f (Witham HI 4/29)
- 15400 **FINLAND** *YLE Radio Finland* in EG *1230, ID, nx, rpt on musical festival, g (McGuire MD 5/23)
- 15510 **NO MARIANAS** *R Free Asia* in Mandarin 1950, YL singing Star Wars theme, f (Newbury NE 5/15)
- 15515 **AUSTRALIA** *R Australia* in EG 0630, "Pacific Focus" feature on health, f-g (Boynton MA)
- 15545 **GERMANY** *R Ecclesia* relay Juelich in PT *0500, ID's, religious tlk, acappella singing, choral vocal w/organ mx, QRM from SRI IS at their 0555 s/on, f-g (D'Angelo PA 5/20)
- 15565 **NETHERLANDS ANTILLES** *R Vlaanderen Int* relay Bonaire in EG 2245, rpt abt "The Bed and Breakfast Guide to Belgium", mailbag, mx from the "CD of theWeek", QTH, f (Witham HI 4/29)
- 15615 **ISRAEL** *Kol Israel* Tel Aviv in EG 1900, nx re terrorist bombing in Tel Aviv, Israel admits mistake in deaths of 5 Palestine policemen (Robinson TN 6/2, Fraser MA 5/14)
- 15650 **GREECE** *V of Greece* Kavala in GK 2130, nx, GK mx, tlk re Nelson Mandela, f (Robinson TN 6/1)
- 157885v **ISRAEL** *Galei Zahal* in HB *0259, lcl pop/folk mx, tlks, f, was on 15785 on 5/28 (Alexander PA 6/2)
- 17545 **ISRAEL** *Kol Israel* in EG 1915, nx abt Israel, wx rpt, g, //11605, 15615 (Boynton MA 5/23)
- 17560 **AUSTRIA** *Adventist World R* in Afar 1558*, mostly tlk in lang, piano mx w/bird chirps, no ID or IS at s/off but hrd on the South Africa // outlet on 15115, both g (Treibel WA 5/22)
- 17630 **SWEDEN** *R Canada Int* relay in AR 1925, QTH, ID, tlks, ment Canada, //15200 (Witham HI 4/29)
ED: As the French would say "quelle melange" - Canadians xmtg in Arabic from Sweden!
- 17640 **GERMANY** *Swiss R Int* relay Juelich in EG 1746, ID, sports, cmntry (Newbury NE 5/4)
- 17660 **ECUADOR** *HCJB* Quito in EG 2120, "Saludos Amigos" mailbag pgm, vg (Rhyne NC 5/19)
- 17725 **LIBYA** *V of Africa* Tripoli in EG 2032-2040, best bet to hear EG nx from Libya in this time slot, fair and in the clear, covered by Moscow 1730-1800+ and by WYFR 2334-2342 (Alexander PA 5/27)
- 17735 **FRENCH GUIANA** *Swiss R Int* relay in EG 1955, mx, ID, QTH, web addr, ID, "Swiss Scene" pgm about information technology and the need for further development, g (Witham HI 5/12)
- 17800 **FRANCE** *RFI* in EG 0620, "African Report" and into "Sports Roundup", f-g (Boynton MA)
- 17820 **NO MARIANAS** *VQA* relay Tinian Is. in EG 2230, ID, "News Today", TC, p (McGuire MD 5/21)
- 17840 **INDIA** *AIR* Bangalore in EG 1014-1045, local HD mx, ID's, "DX Calling" pgm, QTH for reception rpts, g, //13700, 17895 (Montgomery PA 6/11)
- 18960 **SWEDEN** *R Sweden* in EG 1230, "urban living and decay - car is temple" cmntry (Robinson TN 6/2) in EG 1330, IS, ID, fqy, sked, "60 Degrees North" feature, f (McGuire MD 5/28)
- 21590 **NETHERLANDS ANTILLES** *R Nederlands* relay Bonaire in EG 2013, nx re Uganda's concern over security in Congo (Newbury NE 5/15)
- 25820 **FRANCE** *RFI* in EG 1212, interview with Jesse Jackson re his work in Africa, f (Fraser MA 5/20)

Clandestine, Tentative, Presumed, or Unknown

- 6045 **ZIMBABWE** *ZBC2 R Zimbabwe*(t) 2355-0035 playing great distinctive mx, very weak copy w/lots of QRM, ID in EG(?) 0006 & checked // on website as positively ZBC with abt 2 second delay, listing for ZBC2 shows it to be inactive but ZBC2 normally gives ID and time in EG while other ZBC outlets ID in lang (Montgomery PA 5/27,28,29)
- 6940 **ETHIOPIA** *R Fana* Addis Ababa(p) in Amheric(p) *1500, nx(p) followed by intermittent impassioned tlks, interesting sels of "Horn of Africa" style mx, no clear ID but fqy, time, prgm and band condx make Fana a reasonable "lock" (Tilbury AK 5/28)
- 15070 **NETHERLANDS** *Alpha Lima Int*-Euro Pirate in EG 2320, lots of rock/pop mx w/host Alfred giving ID's, reading E-mails, QTH for rpts, noted again at 0352 w/Shaft mx, f (D'Angelo PA 6/3) in EG 0220-0315, ID complete with website addr, continuous pop & techno mx, f (Montgomery PA 6/3)



the page

COMMITTEE TO PRESERVE RADIO VERIFICATIONS

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

For the benefit of those who are not familiar with CPRV, let me reintroduce ourselves. The Committee to Preserve Radio Verifications is a five-person committee of the Association of North American Radio Clubs (ANARC). Our goal is to preserve for the future those QSL cards and letters that belonged to hobbyists who have passed away, or that are still in the possession of those no longer active in the hobby.

Our concentration is on shortwave broadcast and medium wave QSLs. We have approximately 27,000 veries in our files (including duplicates), which are located at the Boston headquarters of the Christian Science Monitor, parent organization of U.S. shortwave station WSHB. We offer two services: the archiving of QSLs, and the Registered Collections Program, whereby we make available to hobbyists special stickers conveying the wish that their QSLs be donated to CPRV when the time comes. These stickers can be placed on QSL albums or wherever else QSLs are kept. Full details on both services can be had from yours truly for a business-size, stamped, self-addressed envelope sent to the address shown above.

Some day I hope we will be able to exhibit the best of the CPRV collection in a book or other useful medium. Right now, most of our effort goes into locating old collections that need a new home. If you know of any such collections, I would welcome hearing from you. In the meantime, each month The CPRV Page features some usually long-forgotten QSLs that have come our way and that we are pleased to show you.

My thanks to fellow CPRV members Kent Corson, Gerry L. Dexter, Tom Gavaras, and Registered Collections Coordinator John C. Herkimer, and to the clubs who feature The Page each month. And special thanks to those who have donated their collections to us or utilized the Registered Collections Program. It is they who have made CPRV a success.

Jerry Berg



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