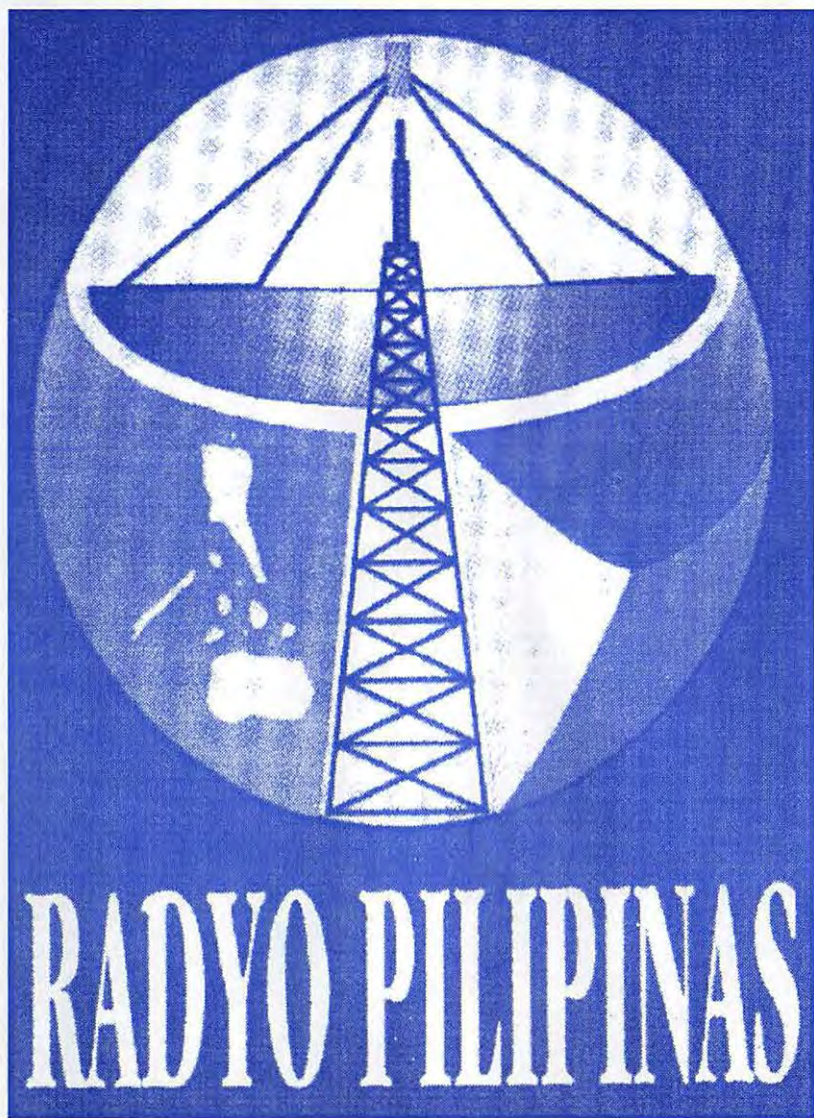


The **NASWA** Journal

VOLUME XLII NUMBER 6

JUNE 2002



North American Shortwave Association — America's Shortwave Broadcast Club

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The Par BCST-HPF is designed to help shortwave listeners cope with interference from AM stations. This 7 pole elliptic high pass filter passes 1.8 to 200 MHz and notches out 0-1.7 MHz. The housing has an SO-239 jack for input and output and also has a toggle type bypass switch.

BCST-HPF Order #4426 \$48.95

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NASWA Notes

Richard A. D'Angelo • 2216 Burkey Drive • Wyomissing, PA 19610 • rdangelo3@aol.com

Just a quick reminder that all communications about subscriptions, bulletin delivery issues, etc. should be directed to **Bill Oliver** at the club's Levittown address or to his new electronic address exclusively for club related business, naswa@worldnet.att.net. The regular postal address is the familiar 45 Wildflower Road, Levittown, PA 19057.

As I mentioned last month, we are beginning to experience some growth problems with the NASWA electronic Flashsheet as members change e-mail addresses and neglect to forward correct information to the distribution point, me. This has resulted in a number of bounced e-mails. If you signed up for the Flashsheet but have not seen it lately you need to contact me immediately to straighten out the distribution list. If you still have not jumped on board the Flashsheet bandwagon, you can get the latest hot DX news and information from the club's electronic flash sheet newsletter edited by **Sheryl Paszkiewicz**, spasz@dataplusnet.com (note new e-mail address) or P.O. Box 716 Manitowoc, WI 54221-0152 for non-electronic submissions. The electronic newsletter supplements the monthly *Journal* for the timely dissemination of DX loggings and breaking news. It is only available to members. Deadlines are posted in the NASWA Flashsheet. If you are a current member of the club and want to receive the electronic NASWA Flashsheet just drop Rich D'Angelo (rdangelo3@aol.com) a note with your e-mail address.

Our man at the Company Store, **Bill Bergadano**, sends word that a number of price cuts are now in effect. According to Bill, "prices for just about every book have been reduced." There should be a new price list posted in next month's *Journal* for your

shopping pleasure. Let's give Bill the business.

The latest edition of the **Danish Shortwave Club International's** ("DSWCI") *Domestic Broadcasting Survey 4 (DBS-4)*, edited by DSWCI Chairman Anker Petersen, is available only by e-mail in PDF format, or—upon request—in Microsoft Works database. This 46-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. Active Clandestine stations are also included with schedules and identifications. The treasurer, DSWCI, c/o Bent Nielsen, Egekrogen 14, DK 3500 Vaerloese, Denmark, sells it for US \$5.00, D5, E3, DKK 40 or 7 IRC per issue. A review of DBS-4 appears in the *Shortwave Center* this month.

The **2002 Latin American Radio Tour** has been postponed until around April/May 2003. Quantas abruptly ended its direct Auckland to Buenos Aires service so new arrangements have to be made with the travel agent. See the Calendar of Events for additional information.


We have a couple of additional meetings to put on the summer calendar. The BeNeLux Shortwave DX meeting organization informs us that the **BeNeLux Shortwave DX Meeting** will take place in the Belgium/Netherlands border area witch lays between Breda (NL) and Turnhout (B). There will be a barbecue, drinks, fun and laughter. The organizers plan for lots of shortwave listeners and pirate station operators to be in attendance. The meeting will be taking place on Saturday the 24 August starting up at 1500 hours local time. You can stay the night over in a huge tent (take a sleeping bag with you) or

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at a local hotel. You can get more info by e-mail: <summermeeting@hotmail.com>, telephone: 00 31 (0) 6-10531057, or by postal mail: Borderhunter Ostra Porten 29 44254 Ytterby, Sweden. Check <http://www.alfalima.net/baarle.htm> for updated information.

Also, the Radio Amateurs of Canada are having a national convention in Vernon, British Columbia, Canada on 26, 27, and 28

July 2002 with Arnie Coro of Radio Habana as the keynote speaker. Registration for single non-RAC member is \$35.00; a single RAC member is \$30.00. Registered convention attendees are entitled admission to all seminars, the RAC Forum, General Meeting and entrance to the Flea Market. See the Calendar of Events for additional details.

That's it for this month. Enjoy this month's edition of the *Journal*; it's another good one. 

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.

Bob Fraser, Box 174, Cohasset, MA 02025-0174

I wholeheartedly agree with what Kenneth Sassadeck said in the Musings in the April Journal. I know and expect you will edit this part of my letter out and you should do so. I prefer to have the Journal be free of politics, that it be just straight radio information. But I'll bet you'll get a lot of letters on this from other members.

I have always enjoyed reading of the trials and tribulations of the Kulpville Annual Winter SWL Festival. So far, my DXpeditions have been only trips to the nearby beach or into the woods behind my house. Once in a great while, I will go some actual distances.

Sometime ago, there was an article on a NASWA DX Camp in New Hampshire but I have never heard any more about it nor seen any articles by members using this camp.

I have since wondered if this camp is true or if it was one of those fictional stories that sometimes invade the pages of the *Journal*.

73, Bob

Eric Bueneman (NOUIH) <NOUIHEric@aol.com>, 631 Coachway Lane, Hazelwood, MO 63042-1347; Web site: <http://www.qsl.net/n0uih/>

I've been hearing so much about the rapid decline of commercial AM and FM radio in the United States. The loss of listeners to commercial MW (AM) and FM radio in the United States has been accelerated by the Telecommunications Act of 1996, which made commercial MW and FM radio virtually unregulated. Since 1989, commercial MW and FM radio has lost over one-fifth of its listeners. Creativity in programming and quality of programming is largely gone from commercial MW and FM. In its place is radio laced with more profanities and sexual innuendoes than ever. And not enough diversity in programming is available on commercial MW and FM.

As a result of the lack of quality in commercial MW and FM programming in the United States, listenership to non-commercial educational MW and FM radio stations have more than doubled. However, there are not enough non-commercial educational MW and FM stations to

choose from in the United States. Internet radio is still in its infancy, but is being threatened by proposed rules that could make copyright fees unaffordable. Satellite radio is expensive. What is left as an inexpensive alternative? The answer is simple, and in one word: **shortwave**. Shortwave programming is free of charge, like MW and FM.

Shortwave radio has far more coverage than MW or FM stations. The programming available on shortwave radio has the substance American radio listeners are desperately looking for. When a whole country is being force-fed stale programming from only one point of view (the corporate view), they will naturally be searching for alternatives. Internet radio requires a personal computer, and that can usually run over \$1,000 (U.S.). Shortwave radio is relatively inexpensive; a receiver can be had for under \$50 (U.S.). In a mobile application, shortwave signals **do not fade** under highway overpasses (unlike MW). I proved this theory in 1987 by hooking up the car radio's antenna (the car radio was not working at the time) to a Realistic DX-60 portable. I tuned it to a strong signal (AFRTS on 6030 kHz; the frequency now used by Radio Marti). The signal did not fade under most of the overpasses I went past on Interstate 70 in St. Louis County.

We need to press our car radio manufacturers to ignore the marketplace, and require all radios include the shortwave broadcast bands (even those equipped for satellite radio). MFJ does have a SW converter available for digital readout car radios. It's also time that we promote shortwave broadcasting as an alternative to commercial MW and FM in the United States. Shortwave radio has something that commercial MW and FM does not have; more programming choices.

73 and good DX from Eric (N0UWH)

George John Poppin <gpoppin@aol.com>, San Francisco, CA

I'm sure glad Turkey is on our side. How can one not like vOT?

Best wishes. George

Dear Mr. Poppin,

It was a pleasure for us to make that Radio Programme live with you. It is a great memory for both of us. Thank you for your friendship and technical monitoring. In the memory of the 1000th monitoring report of you the External Broadcasts gave the cassette of the interview and we made a CD copy for you as well.

On Monday we will send you the cassette and CD with a small gift to you and with letters from TRT Director General, Head of External Broadcasts and Deputy Director General Mr. BURAN. We also keep one copy CD of this interview for us.

Warm regards to you and to your wife, Sedef - Kiyemet, International Technical Relations, Turkish Radio-Television Corporation

Al Fritsch, a41230@aol.com, Cincinnati, OH

I need help. I just joined NASWA and am new to SWling. I am a new member and would like some info from other users of model Sony ICF 2010 receiver. Recently, I bought a new Sony ICF 2010 and sent it out for a wide band modification. I would like to contact other 2010 users to find out what outside antenna works on this receiver. Also, I am considering the purchase of a preselector—a passive type. I need some opinions on all this. Any input from other 2010 users will be appreciated.

Thanks for the program listening reports (Flashsheet), very useful information.

Calendar Of Events

Jun 21 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: dcsckp@aol.com.

Jun 21 Meeting. Boston Area NASWA Chapter. The Lexington Club, Rts. 4 & 225, Lexington, MA at 7:30 PM. The location is 1/4 mile west of Rt. 128, Exit 31. For more information contact Paul Graveline at 508-470-1971 or Internet: 74007.3434@compuserve.com. The URL for the BADX guys is <http://www.anarc.org/naswa/badx/>

Jul 12 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 [<radioscan@siscom.net>](mailto:radioscan@siscom.net). For additional information about MONIX, check out their web site at [<http://www.siscom.net/~mmeece/monix.html>](http://www.siscom.net/~mmeece/monix.html)

Jul/Aug'02 Contest. The Vacation BCL Contest will run from 1 July 2002 through 31 August 2002. Participants are to log as many African countries as possible on the shortwave bands. The sponsor, Klingenfuss, will offer a *2002 Shortwave Frequency Guide* and a CD Rom for the winners. Here are the details:

1. The aim of this contest is to listen to the most countries of Africa
2. Period from 1 July 2002 to 31 August 2002
3. You must log only one radio station by country
4. The contest is open to SWL, BCL, (radioecuteurs) from all the world
5. Frequencies: 2300 to 26000 kHz in AM
6. Only log broadcasting official stations (no pirates, clandestines, CB or Hams)
7. Points: 1 for each country
8. You do not need QSL cards for this challenge
9. You must send your list before 15 September 2002
10. You can send your list to the following address: Frank Parisot, P.O.Box 6, 92173 Vanves Cedex, France or via e-mail to the following frankparisot@hotmail.com
11. Example of list: DATE: 1 July 2002 / TIME UTC: 1900 / FREQ: 9580 / COUNTRY: Gabon / LANG: French / SIO: 454
12. List of valid countries: Please, relays are not valid for this contest, transmitters must be **only in AFRICA**. Algeria, Angola, Ascension Island, Benin, Botswana, Burkina Faso, Cameroon, Central African Republic, Chad, Comoros, Congo (Brazzaville), Congo (Kinshasa), Egypt, Eitrea, Ethiopia, Gabon, Ghana, Guinea Republic, Equatorial Guinea, Ivory Coast, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius Island, Morocco, Mozambique, Namibia, Niger, Nigeria, Senegal, Sao Tome, Sierra Leone, Somalia, South Africa, Saint Helen, Seychelles, Sudan, Tanzania, Tunis, Togo, Uganda, Zambia, and Zimbabwe.

Jul '02 Convention. The Radio Amateurs of Canada are having a national convention in Vernon, British Columbia, Canada on 26, 27, and 28 July 2002 with Arnie Coro (of Radio Habana) as the keynote speaker. The website is www.rac2002.org. Further information is available from Bill Crowther at bill_crowther@telus.net or by postal mail RAC2002 National Convention, c/o O.C.A.R.C., P.O. Box 282 Station A, Kelowna, BC Canada V1Y7N5. Single non-RAC member is \$35 whereas a single RAC member is \$30. Additional family members are \$10 for each family member attending. Registered convention attendees entitles admission to all seminars, the RAC Forum, General Meeting and entrance to the Flea Market.

Aug 16–18, 2002 Convention. The **European DX Council Conference** will be held from 16-18 August 2002 in the town of Pori, located on the west coast of Finland. Additional information about the conference will be made available through e-mail and newsgroups or can be obtained directly from Risto Vahakainu, chairman <risto.vahakainu@helsinki.fi>.

Aug 24, 2002 Convention. The **BeNeLux Shortwave DX Meeting** will take place in the Belgium/Netherlands border area which lies between Breda (NL) and Turnhout (B) on Saturday, 24 August 2002. There will be a barbecue, drinks, fun and laughter. The organizers plan for lots of shortwave listeners and pirate station operators to be in attendance. You can get more info by e-mail: <summermeeting@hotmail.com>, telephone: 00 31 (0) 6-10531057, or by postal mail: Borderhunter Ostra Porten 29 44254 Ytterby, Sweden. Check <http://www.alfalima.net/baarle.htm> for updated information.

Mar 7–8, 2003 Convention. The **16th 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 7th and 8th March 2003. Richard Cuff and John Figliozzi co-chair the organizational committee. It's never too early to begin planning. See you there!

Apr–May, 2003 Radio Holiday Tour. David and Jocelyne Ricquish lead a **radio holiday tour of the great cities of Latin America** in April/May 2003. Plans include visits to many radio stations and meetings with local radio enthusiasts. The tour is designed for DXers, shortwave listeners and radio enthusiasts and all those that enjoy the music and culture of Latin America. The full itinerary and booking conditions can be found at the New Zealand Radio DX League website (<http://radiodx.com/spdxr/dxtour/htm>) or can be obtained from Latin American Radio Tour, P. o. Box 14339, Wellington, New Zealand (e-mail: ragusa@paradise.net.nz).

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).

FRENDX: Twenty Five Years Ago....

Tom Alleman was appointed as the new DX Hotline editor. The DXH was expected to commence operation in August. Diane Levesque was thanked for her continued artistic work in preparing *Frendx* covers. The ANARC convention was scheduled for Schaumburg, Illinois, July 15, 16, and 17 with a \$10.00 registration fee. In Jerry Lineback's *Shortwave Center* column, Mike Hardester wrote about VOA Okinawa, Dave Walcutt transcribed a Radio Nederland's *DX Jukebox* interview with Gordon Weston who recently retired as Chief Monitor for the BBC Monitoring Service, and Larry Magne wrote about third generation shortwave portables. In a *Special Feature*, Ed Shaw revisited the McKay Dymek DA-100 antenna. In the *QSL Report*, members note that the CBC Northern Service temporarily discontinued issuing QSL cards. Reported QSL highlights include Ivory Coast by Ralph Alm and Cook Islands by Jim Young for VIC #204.

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Easy Listening

Richard D. Cuff • 42 North 37th Street • Allentown, PA 18104 • rdcuff@mochamail.com

News Flash: Two Broadcasters Who Actually Want Feedback From Listeners

Radio Australia

First, from Roger Broadbent:

*If you're a regular listener to **Feedback**, and even if you only managed to hear one of the two programs recently on digital audio, you'll know that **Radio Australia** devoted both programs to the digitalization of radio, and in both they discussed the pros and cons of three terrestrial delivery systems & debated their likely application in Australia. One of the three was developed for long distance broadcasting and is of particular interest to international broadcasters like **Radio Australia**.*

*Now Roger Broadbent is seeking your contribution to the digital debate, and to encourage your participation **Radio Australia** has a number of very useful publications to give away:*

¶ *Four copies of the "Passport to World Band Radio", a must for anyone who's serious about listening to radio, and*

¶ *Four copies of "Low Band DXing—Your Guide to Ham Radio DXcitement on 160, 80 and 40 Meters".*

To be in the running for one of those publications Roger wants you to include in your contribution:

- 1. The names of the three digital radio delivery systems discussed on **Feedback** this past May.*
- 2. Your comments about the likelihood of you*

investing in a digital receiver when and if digital radio becomes available in your area.

- 3. What you consider to be the major advantage of this technology—the improved audio quality or the possibility of multiple program streams and data.*
- 4. What effect will digital transmissions have on international broadcasting—will the vastly improved audio quality remove some of the attraction of listening to broadcasts from across the globe, making it less attractive in fact?*

*Shortwave listeners are traditionally an outspoken lot. So here's another chance to speak out. Send your contribution to 'Digital Feedback', **Radio Australia**, Melbourne, Australia or e-mail it to: [<English@ra.abc.net.au>](mailto:English@ra.abc.net.au).*

For those who may not have heard either program, transcripts and audio files are available on the RA website, <http://www.abc.net.au/ra>.

As you might expect, I have plenty of thoughts specifically regarding Question #4, but I won't prejudice your answers ahead of time by divulging my prognostications.

Radio Netherlands

*How much attention should an international broadcaster give to domestic news and issues in its broadcasts targeting a foreign audience? This quandary, to which there is no set answer, has been the subject of recent debate and discussion in the **swprograms** E-mail group. Two broadcasters who actually have comparatively little coverage of domestic events in their international broadcasts are **Deutsche Welle** and **Radio Netherlands**. Up until a month ago,*

I would have included the **Voice of America** in that list, but their recent reformatting of **News Now** added emphasis on domestic USA issues of interest to an international audience.

Meanwhile, it turns out this issue has also been the subject of debate within **Radio Netherlands'** English language programming team, and Andy Sennitt is encouraging Radio Netherlands listeners to weigh in on the debate and recommend the level of domestic subject matter that should be included in their coverage. If you were to rebalance Radio Netherlands' programming to incorporate more domestic coverage, how would you recommend it be done? Would you simply incorporate a few minutes (5? 10? 15?) of domestic coverage into **Newsline**? Would you rather scale back feature programs to a shorter duration and extend **Newsline** in order to accommodate more domestic content? Would you leave things the way they are, and not change things at all?

Please use regular Radio Netherlands communications channels to share your insight: via E-mail, letters@rnw.nl; via postal mail, The English Language Service, Radio Netherlands, PO Box 222, Hilversum, The Netherlands; via fax, 011-31-35-6724-239. You might want to make the subject line as descriptive as possible in order to have your comments incorporated in the decision making process.

Radio Netherlands, as usual, deserves to be commended for their earnestness in soliciting feedback on this topic. It was favorable listener response to Radio Netherlands' test morning transmissions following the BBC's release of North American-targeted frequencies that resulted in the new morning transmissions we can now enjoy; I know of several people who now include **Newsline** or one of Radio Netherlands' feature programs as part of the regular morning routine.

When Is An Improved Website Not An Improved Website?

Answer: When it's **Deutsche Welle's** new website, <http://dw-world.de>.

Several months ago, Deutsche Welle launched a new Information Technology (IT) platform that allows for enhanced digital production and distribution of programming and, as an apparent byproduct, is able to easily take the programming material and present it as web-delivered text and multimedia. At the time, there was plenty of negative feedback, as the new site was slow to load, and pages were strewn with broken hyperlinks and not intuitively organized.

From time to time I visit the Deutsche Welle website, and each time I hope to be pleasantly surprised and find that the website loads quickly and provides straightforward links to programs. Sad to say, there doesn't seem to have been any improvement since the new site was launched. Web pages below the top <http://dw-world-de> domain take 30-35 seconds to load, even on a "broadband"-speed Internet connection. Most of the 30-35 seconds are spent sitting and waiting for the web servers to format the pages; they are actually delivered quite quickly, once they're rendered by the DW software.

If the DW website were evaluated the same way E-commerce websites were evaluated, I would say that DW would get a *failing grade*. Studies have shown that commercial websites that don't begin downloading in 5-7 seconds will quickly be abandoned by web surfers, and these web surfers will do their browsing elsewhere. I suspect you could extend this same rationale to the DW website, since they compete in the electronic marketplace of ideas.

Deutsche Welle programming—whether delivered via the Internet or via short-wave—remains of high quality; it's a shame

the listener experience is degraded in part by a poorly designed and poorly managed website.

Programming Suggestions

BBC Radio 4, *Crossing Continents*: I have no idea why this excellent weekly documentary aired on the BBC's principal domestic spoken-word network isn't offered on the World Service. As described on the Radio 4 website, "*Crossing Continents* reaches the parts of the world that other programs don't. From Canada's Inuits and Eritrea's businesswomen to Barcelona's growing Jewish community, the program goes beyond news of wars, disasters and elections. Instead it provides insider, on-the-ground coverage of how people in other countries live. It catches international trends in music, education and lifestyle as they are developing. Seeking out the world's compelling stories and personalities, *Crossing Continents* keeps its 'ear to the ground' around the globe." The program normally airs at 1000 UT Thursdays (one hour earlier in the winter), with an extensive archive of programs available for on-demand listening. The program has its own website at the regrettably long URL http://news.bbc.co.uk/hi/english/static/audio_video/programmes/crossing_continents/. The program is currently on hiatus, though the archive has more than 90 past programs available for on-demand listening, sorted by continent featured. Each program in the series focuses on a single subject. New editions will air beginning July 4th, with the first new program covering Sierra Leone as it recovers from a 10-year civil war.

Voice of America, *Jazz America*: One of the side benefits of the *News Now* format changes is a return of VOA jazz programming to shortwave. Unfortunately, *Jazz America*, hosted by Russ Davins, is not aired in the VOA's Americas-targeted broadcasts, but airs to other regions at 0900, 1300, and 2100 UTC on Saturdays and Sundays. I would expect the 2100 UTC African transmission to be one of the easier ones to hear, though there

might be Africa-specific programming at that hour; the timing for Africa-specific programs wasn't easy to find on the VOA website. Africa-targeted frequencies at 2100 UTC are 11975, 15410, 15445, 15580 and 17895.

Voice of America, *Dateline*: If you enjoy single-issue news analysis but don't wish to patronize the BBC World Service, you might consider giving *Dateline* a listen. It's similar to *Analysis* on the BBC World Service, and covers current affairs in depth. The program airs weekdays at 44 minutes past the following UTC hours: 01, 03, 05, 07, 11, 15, 20 and 2300.

Radio Austria International (ROI), Radio Slovakia International, Radio Prague, and Radio Polonia have all co-developed a new weekend program, *Insight Central Europe*, which debuted in April. The aim is to provide Europe-wide coverage of the political, economic and cultural changes occurring as a part of Europe's convergence process. The enlargement of the European Union to include a large group of Central and East European states will be completed by the middle of this decade. However, the process of enlargement is already well underway. The five partner stations are creating a forum for a continuous cross-border dialogue that will focus on the political, economic and cultural changes taking place in the candidate countries. Interestingly, the program is sponsored in a public-private partnership much like National Public Radio programming is sponsored in the USA. According to the Radio Austria International website, Austrian companies such as Verbund, OMV, the Austrian Kontrollbank, and Siemens Austria are acting as sponsors, and the Federal Ministry of Foreign Affairs and the IDM have also lent their support.

The latest edition of the program is available on-demand at the ROI website <http://roi.orf.at>; current and prior editions are also available on Radio Prague's website, <http://www.radio.cz/en/current/ice>. Shortwave airtime on ROI targeting North America is Sunday 0130 UTC on 9870 kHz.

Shortwave airtime on Radio Prague to North America is Sundays 0100 *only* on 6200 and 7345 kHz; other Sunday (UTC) broadcasts have other English programming. **Insight Central Europe** is the feature programming in Radio Slovakia's Sunday (UTC) program to North America at 0100 on 5930, 6190 and 9440 kHz. I'm guessing Radio Budapest would also likely air **Insight Central Europe** in its Sunday 0230 broadcast, but this is speculation.

Radio Australia, Feedback: As the number of media analysis programs on shortwave continues to drop, I've spent more time listening to **Feedback** on Radio Australia. Saturdays 0000 and 0600, and Sundays 0300 (following the news) are probably the best-propagating times to listen via shortwave in North America. **Feedback** is webcast at these times and also at 2100 UT on Fridays. Live Unlike **Communications World, Media Network**, and **HCJB's DX Party Line**, **Feedback** focuses nearly exclusively on developments in Australia and the issues Radio Australia faces as it confronts the multimedia world of 2002 and beyond. While North America is not a high-priority target for Radio Australia's programming and shortwave transmissions, Roger Broadbent is nonetheless eager to engage North American listeners in dialogue—whether they listen to Radio Australia via shortwave, WRN, and the Internet. As of May 2002, some editions of **Feedback** are available for on-demand Internet listening; longer term plans are for the program to be regularly archived.

Radio Canada International: Indications are that the labor dispute between the CBC and employees of the French-language domestic broadcast service—which affected portions of RCI—has been resolved, but the on-demand editions of RCI programming hadn't yet been restored as of the *Easy Listening* deadline.

Glenn Hauser reports that the new WJIE Shortwave in Kentucky, successor to WJCR, has offered to broadcast **World of Radio** three times per weekday, and in rotation on weekends, on 7490 kHz. This started May 13. However, it appears not to be up to full 50 kw power yet; in fact Glenn has been unable to hear it, nor has Ivan Grishin in Ontario. Specified times are: M-F 1245, 1845, Tu-Sa 0645 UT. We would be interested in informal reception reports from many locations. The number of repeats is expected to decline as WJIE accumulates paid programming but the 1245 airings are supposed to be secure indefinitely. Source: World of Radio website.

In Conclusion

Don't forget to pack your shortwave portable as you venture out on vacation this summer! [*Shortwave radios are great for the beach, hi -RB*]

Until next month,

73 DE Richard



WWW Shortwave Listening Guide

Looking for programs to listen to? You can find what programs are on for the current hour or list programs of a desired type on a given day at the **WWW Shortwave Listening Guide** on NASweb. The data is provided by *NASWA Journal* and *Monitoring Times* columnist John Figliozzi, and comes from his book, *The Worldwide Shortwave Listening Guide*. Visit the Guide at <http://www.anarc.org/naswa/swlguide/>.



SWL Program Guide

John A. Figliozzi • 45 Algonquin Road • Clifton Park, NY 12065-7703 • jfiglio1@nycap.rr.com

This semi-annual listing is limited to morning and evening "prime time" broadcasts in English targeted to or regularly monitored in North America. Some frequencies listed may not be in use for the entire time period covered. A more comprehensive schedule of programs broadcast globally on shortwave is available from the *WWW Shortwave Listening Guide* web site at <www.anarc.org/naswa/swl-guide>. Corrections welcomed.

[Abbreviations: S=Sun., M=Mon., T=Tue., W=Wed., H=Thu., F=Fri., A=Sat., D=Daily, usb=upper sideband, eNA=eastern North America, wNA=western North America.]

Morning Prime (1000-1700 UT)

BBCWS (Americas stream)—6195, 15190
1000 D World Briefing; 1020 S/A Sports Roundup; 1030 S Agenda (trends), M-F World Business Report, A Reporting Religion; 1045 M-F Sports Roundup. 1100 D World Briefing; 1105 M-F Caribbean Morning Report; 1110 M-F Caribbean Sport; 1115 M-F Caribbean Magazine; 1120 D British News; 1130 S Assignment, M Letter from America, T/W/F/A Analysis, H From Our Own Correspondent; 1145 M-H, A Sports Roundup, F Football Extra. 1200 D Newshour; 1205 M-F Caribbean Business 1210 M-F Caribbean Morning Report 2nd Edition; 1220 M-F Newshour (continued). 1300 D News; 1305 S Composer of the Month, M-F Outlook (magazine), A World Football; 1330 S In Praise of God, A The Music Feature; 1345 M-F Off the Shelf (book readings). 1400 D News; 1405 S Talking Point (global phone-in), M Meridian-Masterpiece, T Meridian-Screen, W Meridian-Writing, H The Music Biz, F Arts in Action, A Sportsworld (live action to 1700); 1430 M Charlie Gillett, T UK Top 20, W Revolver, H John Peel, F Jazzmatazz. 1500 D News; 1501 S Concert Hall; 1505 M One Planet (ecology), T Science in Action, W Health Matters, H Go Digital, F Discovery; 1530 M People & Places, T Essential Guide, W Everywoman, H Omnibus (documentary),

F Sports International. 1600 S/A News, M-F Europe Today; 1605 S Sportsworld (live action); 1630 M-F World Business Report; 1645 M-F Sports Roundup.

BBCWS (E. Asia stream)—9740 in wNA
1000 S News Summary, M-F World Briefing, A News; 1001 S Concert Hall; 1005 A Composer of the Month; 1030 M-F World Business Report, A Music Review; 1045 M-F Sports Roundup. 1100 S/A World Briefing, M-F News; 1105 M Health Matters, T Go Digital, W Discovery, H One Planet (ecology), F Science in Action; 1120 S/A British News; 1130 S Play of the Week (radio theatre), M Everywoman, T Omnibus (documentary), W Sports International, H People and Places, F Essential Guide, A Analysis; 1145 A Sports Roundup. 1200 M-A News; 1205 M-F Outlook (magazine), A The Hitch-Hiker's Guide to the Galaxy; 1230 S Assignment, A Agenda (trends); 1245 M Write On, T Heart and Soul, W/F Westway (drama serial), H What's the Problem?. 1300 D Newshour; 1350 M-F World Business Report. 1400 S/A News, M-F East Asia Today; 1405 S Talking Point (global phone-in), A Sportsworld (live action); 1430 M-F British News; 1445 M-H Sports Roundup, F Football Extra. 1500 D News; 1505 S Composer of the Month, M Meridian-Masterpiece, T Meridian-Screen, W Meridian-Writing, H The Music Biz, F Arts in Action; 1530 S Pick of the World (best of the BBC), M Charlie Gillett, T UK Top 20, W Revolver, H John Peel, F Jazzmatazz. [ends at 1600.]

China R. Int.—7405, 9570, 17720
1300 D News; 1310 S Report on Developing Countries, M-F Current Affairs, A Biz China; 1320 S In the Spotlight (cultural magazine); 1330 M People in the Know (China's leading citizens), T Sports World, W China Horizons (China outside Beijing), H Voices from Other Lands, F Life in China, A Listeners' Garden.

1400-1500 (as 1300-1400.)

1500-1600 (as 1300-1400.)

HCJB, Ecuador—1200*S*, 1511*S*, 2145*S*usb
1100 *S* Let My People Think, *M-F* Insight for Living, *A* We Kids; 1128 *M-F* Money Minute; 1130 *S* Encounter, *M-F* Morning in the Mountains (Christian breakfast show to 1300 w/News 1130, 1200, 1230, Overcomers 1133, Listen to the Bible 1140, Beyond the Call 1145, Insights 1205, Sports 1206, Mission Network News 1220, Guidelines for Living 1233, Did You Hear? 1245) *A* Down Gilead Lane. 1200 *S* Moody Presents, *A* Adventures in Odyssey; 1230 *S* The Living Word, *A* Toonz!. 1300 *S* Viewpoint, *M-F* Precept, *A* Toonz!; 1313 *M-F* Getting the Message; 1315 *M-F* Proclaim; 1330 *S* Mountain Meditations, *M-F* Family Life Today, *A* Rock Solid. 1400 *S* Renewing Your Mind, *M-F* Haven. [ends at 1430]

NHK World R. Japan—6120, 950*S*

1100 *D* News; 1110 *S* Hello from Tokyo (listener contact), *A* Pop Joins the World; 1115 *M-F* Asian Top News (headlines from region's radio); 1125 *M* Japan Music Log, *T* Let's Learn Japanese, *W* Japan Music Treasure Box, *H* Brush Up Your Japanese, *F* Music Beat. [off at 1159.]

1400 *D* News; 1410 *S* Pop Joins the World, *A* Weekend Square (Japanese life); 1415 *M-F* 44 Minutes (feature magazine). [off at 1459.]

R. Australia—5995, 6020, 9580, 11650

1000 *D* News; 1005 *S* The Buzz (technology issues), *M-F* Asia Pacific (regional current affairs), *A* Pacific Review; 1030 *S* Rural Reporter, *M* Health Report, *T* Law Report, *W* Religion Report, *H* Media Report, *F* The Sports Factor, *A* In Conversation. 1100 *D* News; 1105 *S* Correspondents' Report, *M-A* Asia Pacific; 1130 *S* Business Report, *M-F* Bush Telegraph (rural magazine), *A* Fine Music Australia (classical). 1200 *D* News; 1205 *S* Nocturne (innovative music to 1400), *M-H* Late Night Live (discussion and interviews), *F* Sound Quality (innovative music), *A* The Spirit of Things (spiritual matters). 1300 *D* News; 1305 *A* The Science Show; 1310 *M-F* Sports; 1315 *Dust & Dollars* (stock market); 1320 *M-F* The Planet (diverse music to 1500). 1400 *D* News; 1405 *S* Books and Writing, *A* New Dimensions ("progressive" ideas). 1500 *D*

News; 1505 *S* Encounter (religion in Australia), *M-F* Asia Pacific (regional current affairs), *A* Nocturne (innovative music to 1700); 1530 *M-F* (as 1030 *M-F*). 1600 *D* News; 1605 *S* The National Interest, *M* Margaret Throsby (music & interview), *T* Comfort Zone (design), *W* Verbatim (oral histories), *H* Hindsight (social history), *F* Away! (Aboriginal life); 1630 *W* Street Stories.

R. Austria Int.—17860

1530 *D* Report from Austria (magazine); 1535 *S* Network Europe, *A* Insight Central Europe; 1550 *A* Listener Letters. [off at 1600.]

R. Canada Int.—9515, 13655, 17820

1200 *M-F* News; 1210 *M-F* This Morning (magazine to 1500). 1300 *D* News; 1305 *S* The Sunday Edition (arts/ideas magazine to 1600), *A* The House (Canadian politics). 1400 *D* News; 1405 *A* Vinyl Cafe; 1430 *F* C'est La Vie (life in French Canada); 1445 *M-H* Out Front (experimental radio). 1500 *S/A* News; 1505 *A* Quirks and Quarks (science).

R. Korea Int.—9650

1130 *D* News; 1140 *S* Korean Pop Interactive (requests), *M-F* News Commentary, *A* Seoul Report (week in review); 1145 *M-F* Seoul Calling (magazine); 1200 *S* Multiwave Feedback (letters/DX news), *M* Exploring the New Millennium, *T* Cultural Promenade, *W* Economic Radar, *H* Korea & Its Splendors, *F* Notes of Nostalgia (traditional music), *A* From Us to You (letters). [off at 1225.]

R. Netherlands—5965, 15220

1030 *S/A* News, *M-F* Newline; 1035 *S* Wide Angle, *A* Europe Unzipped (lifestyle magazine); 1055 *S* The Week Ahead (program guide), *A* Insight (commentary). 1100 *S* Aural Tapestry (culture), *M* EuroQuest (Europe in context), *T* A Good Life (development issues), *W* Dutch Horizons, *H* Research File (science), *F* Documentary, *A* Roughly Speaking (Euro youth culture); 1130 *S* Dutch Horizons, *M* Research File, *T/A* Music 52-15 (international music), *W* Documentary, *H* Aural Tapestry, *F* A Good Life. 1200 *S/A* News, *M-F* Newline; 1205 *S* Sincerely Yours (listener letters), *A* Europe Unzipped. [ends at 1225.]

1430 *S/A News, M-F Newline*; 1435 *S Sincerely Yours, A Europe Unzipped*; 1455 *S The Week Ahead, A Insight*. 1500 *S Dutch Horizons, M Research File, T/A Music 52-15, W Documentary, H Aural Tapestry, F A Good Life*; 1530 *S Aural Tapestry, M EuroQuest, T A Good Life, W Dutch Horizons, H Research File, F Documentary, A Roughly Speaking*. 1600 *S/A News, M-F Newline*; 1605 *S Wide Angle, A Europe Unzipped*. [ends at 1625.]

R. New Zealand Int.—9885, 11675

1000 *D News*; 1005 *S Mediawatch, M-F Late Edition (the day's news), A Deep Purple (relaxing music/nostalgia)*; 1035 *S Sunday Supplement*. 1100 *D RNZ News*; 1105 *S/A NZ Forces Programme (to 1300), M-H Nine to Noon (current affairs), F Sports Story*; 1130 *F Top 5 (music)*. 1200 *D News*; 1205 *M-F Late Edition (repeat of 1005)*.

R. for Peace Int., Costa Rica—7445, 15039, 21815usb

1000 *S CounterSpin (media analysis), M Music Medicine, T-A Democracy Now! (Pacifica Radio's daily report)*; 1030 *S Freespeech Radio News (repeat of Fri. newscast)*. 1100 *S TUC Radio, M Neumaier Report, T Between the Lines, W A Woman's Voice, H Alternative Radio, F Making Contact (reports & interviews), A Honoring Mother Earth: Indigenous Voices*; 1115 *M Living Enrichment Center*; 1130 *S Continent of Media, T TUC Radio, F Steppin' Out of Babylon*. 1200 *S World of Radio, M Spiritual Awakening, T-A Freespeech Radio News*; 1230 *S RFPI Mailbag, M One World—One Family (Bahai program), T/H/A Hightower Radio (commentary), W Radio Nation ("The Nation"), F This Way Out (gays magazine)*; 1235 *T/H/A Earthwatch (ecology)*; 1240 *T/H/A Earth & Sky (astronomy)*; 1245 *T Tropical Conservation Newsbureau (rainforests), H World Citizen's Weekly Commentary, A Women (UN program)*. 1300 *S Making Contact, M Every Living Thing (nature), T Disability Radio Worldwide, W World of Radio, H Public Affair, F Far Right Radio Review, A Continent of Media*; 1330 *S Alternative Radio (political/social analysis), T This Way Out, W RFPI Mailbag, A World of Radio*. 1400 *M New Dimensions, T University Forum (interviews), W Continent of Media, H WINGS (women's*

news), F Disability Radio Worldwide, A RFPI Mailbag; 1430 *S Far Right Radio Review, T Honoring Mother Earth: Indigenous Voices, W Earthspan, H Global Community Forum (interviews), F Woman's Voice, A University Forum (peace studies)*. 1500 *M Voices of Our World (Maryknoll program), W Living Enrichment Center, A Earthspan (War & Peace Foundation)*; 1530 *S World Citizens Weekly Commentary, M Perspective (UN program), T In the Moment, W Peace Forum, H Scope (UN program), F Tropical Conservation News Bureau, A Neumaier Report*; 1545 *S/M Hightower Report, T-A UN Today*; 1550 *S/M Earthwatch (ecology)*; 1555 *S/M Earth & Sky (astronomy)*. 1600 *S Music Medicine, M-F Democracy Now! (Pacifica Radio's daily report), A CounterSpin (media analysis)*; 1630 *A Freespeech Radio News (repeat of Fri. newscast)*.

R. Sweden—18960

1130 *S In Touch with Stockholm (listener contact-1st)/Sounds Nordic (rock music-exc. 1st), M-F Sixty Degrees North (regional report), A Network Europe (Europe magazine-1st week)/Sweden Today (2nd)/Spectrum (arts magazine-3rd)/Studio 49 (topical discussion-4th)*; 1145 *M Sports Scan, T Close Up (profiles of Swedes-1st/3rd), W Money Matters, H Nordic Report (1st)/Green Scan (ecology-2nd)/Heart Beat (health-3rd)/The S-Files (things Swedish-4th), F Review of the Newsweek*. [off at 1200.]

1230-1300 (as 1130-1200)

1330-1400 (as 1130-1200)

Voice of America—5745, 7370, 9590

1000 *M-F News*; 1015 *M-F Focus*; 1020 *M-F Sports*; 1030 *M-F Headlines*; 1033 *S/H/A On the Line (US foreign policy), M Press Conference USA, T Encounter (foreign affairs debate), W Our World (science), F Best of Talk to America' (interviews)*.

WBCQ, Maine

17495 *kHz.*: 1600 *A Allan Weiner Worldwide*. 1700 *A Marion's Attic (vintage recordings)*. 1800 *A Zombo's Mondo Record Party*.

WHRI, Indiana

6040 kHz.: 1005 A For the People (populist phone-in to 1200). 1100 M-F Music (Christian contemporary/gospel). 1200 A DXing with Cumbre; 1230 A World Harvest Country Style.

9495 kHz.: 1005 M-F Music (contemporary Christian/Gospel). 1145 M-F Music (Christian contemporary/gospel). 1230 A DXing with Cumbre.

15105 kHz.: 1300 S World Harvest Country Style. 1345 A Music (Christian contemporary and gospel). 1430 M-F Music (Christian contemporary and gospel). 1505 M-F Music (Christian contemporary and gospel). 1600 A Sports Spectrum Live; 1605 S-F Music (Christian contemporary and gospel).

17650 kHz.: 1505 M-F Music (Christian contemporary and gospel); 1545 A Music (Christian contemporary and gospel).

WWCR, Tennessee

5070 kHz.: 1000 A The Old Record Shop (vintage recordings); 1010 S A View from Europe. 1100 S Ken's Country Classics; 1105 A This Week in Americana (antiques), W America's Greatest Heroes. 1205 A Rock the Universe.

12160 kHz.: 1200 S Dialogue. 1645 A Eco Watch.

15825 kHz.: 1000 M-F World Wide Country Radio (country music); 1015 S Ask WWCR (letters). 1115 A Eco Watch. 1330 S The Old Record Shop (vintage recordings). 1600 M-F Worldwide Country Radio.

YLE, R. Finland—15400, 17670

1230 M-A News; 1235 M-H Finland This Morning (magazine); F Capital Cafe (interview); Finland This Week (news review); 1245 A Starting Finnish (language lesson); 1255 A Nuuni Latini (news in classical Latin). [off at 1300.]

Evening Prime (2100-0700 UT)

BBCWS (Americas stream)—5975, 11835, 12095

2100 D News; 2105 S Global Business, M-F World Business Report, A World Business Review; [Special service to the Caribbean on 5975/11675/15190 kHz.: 2105 M-F Caribbean Report.] 2120 M-A British News; 2130 D Sports Roundup; [Special service to the Falklands on 11680 kHz.: 2130 T/F Calling the Falklands.] 2145 S Write On, M/T/H/F Analysis, W From Our Own Correspondent, A Patterns of Faith. 2200 D The World Today; 2230 S Agenda (trends), F People and Politics, A From Our Own Correspondent. 2300 S The World Today, M-F News, A News Summary; 2301 A Play of the Week (radio theatre); 2305 M-F Outlook (magazine); 2330 S Pick of the World (best of the BBC); 2345 M Write On, T Heart & Soul (religion), W/F Westway (drama serial), H What's the Problem?. 0000 S/M World Briefing, T-A News; 0005 T Meridian-Masterpiece, W Meridian-Screen, H Meridian-Writing, F The Music Biz, A Arts in Action; 0020 S/M Sports Roundup; 0030 S Agenda, M The World Today, T Charlie Gillett, W UK Top 20, H Revolver, F John Peel, A Jazzmatazz. 0100 S The World Today, M-A News; 0105 M Wright Around the World (musical variety), T Health Matters, W Go Digital, H Discovery, F One Planet (ecology), A Science in Action; 0130 S Music Review, T Everywoman, W Omnibus (documentary), H Sports International, F People & Places, A Essential Guide. 0200 D The World Today; 0230 S World Business Review, M Assignment, T-A World Business Report; 0245 S Letter from America, T/W/F/A Analysis, H From Our Own Correspondent. 0300 S/M World Briefing, T-A News; 0305 T Jazzmatazz, W Charlie Gillett, H John Peel, F Composer of the Month, A The Hitch-Hiker's Guide to the Galaxy; 0320 S/M Sports Roundup; 0330 S Reporting Religion, M Westway Omnibus (drama serial), T/F World Learning Features, W Write On, H Heart & Soul (religion), A Patterns of Faith; 0345 T-A Off the Shelf (book readings). 0400 D The World Today; 0430 S Global Business, A Assignment; 0450 M-F Sports Roundup. [Off at 0500.]

China R. Int.—9560, 9580, 9690, 9730, 9790, 13680

2300 D News; 2310 S Report on Developing Countries, M-F Current Affairs, A Biz China; 2320 S In the Spotlight (cultural magazine); 2330 M People in the Know (China's leading citizens), T Sports World, W China Horizons (China outside Beijing), H Voices from Other Lands, F Life in China, A Listeners' Garden. [Off at 2355.]

0100-0155 (as 2300-2355).

0300-0355 (as 2300-2355).

0400-0455 (as 2300-2355).

Deutsche Welle—6040, 9535, 9640, 9670, 9785, 11810, 11935, 11985, 13720, 15105

0100 D News; 0105 S Talking Point (journalists), M Religion & Society, T-A Newslink (European current affairs); 0115 S Inside Europe, M Arts on the Air; 0130 T Insight (international affairs), W Man & Environment, H Living in Germany, F Hard to Beat: The World of Sport, A German by Radio. [off at 0145.]

0300-0345 (as 0100-0145 except: **0305 S Saturday Review, M Sunday Review; 0315 S Spectrum (sci/tech).**

0500-0545 (as 0100-0145 except: **0515 S Money Talks, M COOL! (youth magazine).**

HCJB, Ecuador—9745, 11960, 21455usb

0100 S DX Partyline, M Musical Mailbag, T-A Latin American & World News; 0110 T-A Studio 9 (Latin American regional report including T Inside HCJB, W/F Did You Hear? (news comment), H Ham Radio Today, A Musica del Ecuador); 0130 S Saludos Amigos, M Mountain Meditations, T-A A New Beginning; 0145 T-A A Time for Truth. 0200 S Rock Solid, M Hour of Decision, T-A Insight for Living; 0228 T-A Money Minute; 0230 M Renewing Your Mind, T-A Back to the Bible; 0255 T-A Joni and Friends. 0300 S Inspirational Classics (liturgical classical music), M The Sower, T-A Stories of Great Christians; 0315 M The Word Today, T-A Rendezvous (inspirational music); 0330 S Did You Hear (news comment), M

Unshackled (radio's oldest drama series), T Let My People Think (apologetics), W Words for Women, H Adventures in Odyssey (children), F Book & the Spade (religion & archaeology), A Walkin' in the Sunshine (country music); 0345 S Specialized English, W Wonderful Words of Life (hymns), F Science, Scripture & Salvation. 0400-0500 (as 0100-0200.) 0500 S Inspirational Classics, M Renewing Your Mind, T-S Family Life Today; 0530-0600 (as 0330-0400). [off at 0600.]

NHKWorldR.Japan—6110, 6145, 13630, 17825

2100 D News; 2110 S Weekend Square (Japanese life), M Pop Joins the World; 2115 T-A Asian Top News; 2125 T Japan Music Log, W Let's Learn Japanese, W Japan Musical Treasure Box, H Brush Up Your Japanese, F Music Beat. [off at 2158.]

0000 D News; 0010 S Hello from Tokyo (listener contact), M Weekend Square; 0015 T-A 44 Minutes (feature magazine). [off at 0058.]

0500 D News; 0510 S Pop Joins the World, A Hello from Tokyo; 0515 M-F 44 Minutes (feature magazine). 0600 D News; 0610 S Weekend Square, A Pop Joins the World; 0615 M-F Asian Top News (headlines from region's radio); 0625 M Japan Music Log, T Let's Learn Japanese, W Japan Musical Treasure Box, H Brush Up Your Japanese, F Music Beat. [off at 0658.]

R. Australia—21740, 17750, 17580, 15515, 15240

2100 D News; 2105 F Feedback (letters/station news), A Australia All Over; 2110 S-H AM (morning news magazine); 2130 S Time to Talk (the Pacific region), M Health Report, T Innovations, W Religion Report, H Rural Reporter, F Oz Sounds. 2200 D News; 2205 F Asia Pacific Weekend Edition, A Correspondents Report; 2210 S-H AM (morning news magazine); 2230 A Business Report; 2240 S Australian Music Show (rock), M Music Deli (international), T Blacktracker (Aboriginal contemporary), W Country Style, H Jazz Notes. 2300 D News; 2305 F Lingua Franca (about language, A All in the Mind (the brain); 2310 S-H Asia Pacific (regional current affairs); 2320 F Short Story; 2330 S

Earthbeat (ecology), *M* The Buzz (technology issues), *T* RA Arts, *W* Rural Reporter, *H* Media Report, *F* In Conversation, *A* Innovations (new products). 0000 *D* News; 0005 *S* The Europeans, *A* Feedback (letters/station news); 0010 *M* AWAYE! (Aboriginal culture), *T* The Science Show, *W* The National Interest (Australian politics), *H* Background Briefing (documentary), *F* Hindsight (Australian history); 0030 *A* Country Breakfast (rural life); 0034 *S* Ockham's Razor (a science issue). 0100 *D* News; 0105 *S* In Conversation, *A* Asia Pacific (regional current affairs); 0110 *M-F* Asia Pacific; 0130 *S* Oz Sounds (new releases), *M* Health Report, *T* Law Report, *W* Religion Report, *H* Media Report, *F* The Sports Factor, *A* RA Arts. 0200 *D* News; 0205 *S* Margaret Throsby (interviews and music), *A* Background Briefing (documentary); 0210 *M-F* The World Today (ABC Radio flagship news program). 0300 *D* News; 0305 *S* Feedback (letters/station news), *A* Rural Reporter; 0310 *M-F* Regional Sports Report; 0320 *M-F* Pacific Focus (*M* business, *T* health, *W* environment, *H* sport, *F* culture); 0330 *S* All in the Mind (the brain), *A* Time to Talk (the Pacific region); 0340 *M* Oz Music Show (rock), *T* Music Deli (diverse world/folk), *W* Blacktracker (contemporary Aboriginal), *H* Australian Country Style, *F* Jazz Notes. 0400 *D* News; 0405 *S/A* Pacific Focus (*S* arts, *A* environment); 0410 *M-F* Margaret Throsby (interviews and music); 0430 *S* RA Arts, *A* The Buzz (technology issues). 0500 *D* News; 0505 *S/A* Pacific Focus (*S* business, *A* sport); 0510 *M-F* Pacific Beat (Pacific islands magazine w/regional sports report 0530); 0530 *S* Fine Music Australia (classical), *A* Lingua Franca (about language); 0545 *A* Short Story. 0600 *D* News; 0605 *S* The Europeans, *A* Feedback (letters/station news); 0610 *M-F* Regional Sports Report; 0620 *M-F* Pacific Focus (*M* business, *T* health, *W* environment, *H* sport, *F* culture); 0630 *A* Oz Sounds (new releases); 0634 *S* Ockham's Razor (a science issue); 0640 *M* Oz Music Show (rock), *T* Music Deli (diverse world/folk), *W* Blacktracker (contemporary Aboriginal), *H* Australian Country Style, *F* Jazz Notes.

[Special service: 0205-0700 *S/A* Grandstand (live sports action) on 9660, 12080, 17580, 21725 kHz. only.]

R. Austria Int.—9875

0130 *D* Report from Austria (magazine); 0135 *S* Insight Central Europe, *M* Network Europe; 0150 *S* Listener Letters.

R. Budapest—9560, 9570

0100 *D* News; 0110 *S* Insight Central Europe; *M* Europe Unlimited (trade) or Heading for Hungary (travel) or Spotlight (culture) or And the Gatepost (letters), *T-A* Hungary Today (current events magazine); 0120 *A* DX Corner [off at 0128.]

0230-0258 (as 0100-0128.)

R. Bulgaria—9400

2300 *D* News; 2310 *S* Folk Studio (Bulgarian folk music), *M-F* Events and Developments (current affairs review), *A* Views Behind the News; 2320 *M* Sports; 2325 *M-F* Timeout for Music; 2330 *F* Bulgarian Plaza (cultural magazine) or Walks and Talks (interesting places); 2335 *M-W, F-A* Keyword Bulgaria (Bulgaria and things Bulgarian), *H* Answering Your Letters; 2345 *M* Magazine Economy, *T* Arts and Artists; *W* History Club, *H* The Way We Live, *F* Radio Bulgaria Calling (for radio hobbyists). [off at 2355.]

0200 *D* News; 0210 *S* Views Behind the News, *M* Folk Studio (Bulgarian folk music), *T-A* Events and Developments; 0220 *T* Sports; 0225 *W-S* Timeout for Music; 0230 *T* Bulgarian Plaza (cultural magazine) or Walks and Talks (interesting places); 0235 *T* Answering Your Letters, *W-M* Keyword Bulgaria (Bulgaria and things Bulgarian); 0245 *S* Radio Bulgaria Calling (for radio hobbyists), *W* Magazine Economy, *H* Arts and Artists, *F* History Club, *A* The Way We Live. [off at 0255.]

R. Canada Int.—5960, 6175, 9590, 11920,

13670, 15305, 15170, 15305, 17695, 17880
2200 *S/A* The World This Weekend, *M-F* The World at 6; 2230 *S* Inside Track (sports anthologies) *M-F* As It Happens (interviews with newsmakers), *A* Madly Off in All Directions (comedy). 2300 *D* CBC News; 2305 *S* Global Village (world music), *M-F* As It Happens (interviews with newsmakers)[began at 2230], *A* Quirks & Quarks (science); 2330 *W* Dispatches (world events through Canadian eyes). [off at 2359.]

0100 D News; 0105 S Business Sense, M Maple Leaf Mailbag (w/CIDX report bimonthly); 0110 T-A Canada Today (current events magazine); 0135 S/A Canada in the World, M/H Spotlight (arts & culture), T Media Zone (journalists discuss), W Maple Leaf Mailbag (w/CIDX report bimonthly), F Business Sense. [off at 0159.]

R. Habana Cuba—6000, 9550, 9665usb, 9820, 11705usb

0100 D International News; 0110 M Weekly Review, T-S National News; 0115 T-S Viewpoint; 0130 M Reports & Music, T-S News Bulletin; 0135 T-A Time Out (sports); 0135 S/W DXers Unlimited, M Mailbag Show, T/H/F Caribbean Outlook, A Weekly Review; 0150 M Breakthrough (science report). 0200 D International News; 0210 M From Habana (Cuban musicians), T-S National News; 0215 T-S Reports and music; 0230 M The Jazz Place or Top Tens, T-S News Bulletin; 0235 S World of Stamps, T-A Reports and music; 0250 S Cuban music.

0300-0500 (as 0100-0300.)

0500-0700 (as 0100-0300.)

R. Korea Int.—9560

0200 D News; 0210 S Seoul Report (week in review), M Korean Pop Interactive (requests), T-A News Commentary; 0215 T-A Seoul Calling (magazine); 0230 S From Us to You (letters), M Multiwave Feedback (letters/DX news), T Exploring the New Millennium, W Cultural Promenade, H Economic Radar, F Korea & Its Splendors, A Notes of Nostalgia (traditional music). [off at 0255.]

R. Netherlands—6165, 9590, 9845

2330 S/A News; M-F Newline; 2335 S Sincerely Yours (letters), A Europe Unzipped (lifestyle magazine); 2355 S The Week Ahead (program guide), A Insight (commentary). 0000 S/W Music 52-15 (international music), M Dutch Horizons, T Research File (science), H Documentary, F Aural Tapestry (cultural magazine), A A Good Life (global development); 0030 S Roughly Speaking

(Euro youth culture), M Aural Tapestry, T EuroQuest (Europe in context), W A Good Life, H Dutch Horizons, F Research File, A Documentary. **0100 S/M News, T-A Newline; 0105 S Europe Unzipped, M Wide Angle (week in review). [off at 0125.]**

0430 S/M News; T-A Newline; 0435 S Europe Unzipped, M Sincerely Yours; 0455 S Insight, M The Week Ahead. 0500 S Roughly Speaking, M-A (as 0000-0030). [off at 0525.]

R. New Zealand Int.—17675, 11820

2300 (fade in wNA) S-H World and Pacific News, F/A RNZ News; 2310 S-H Sports News, F Saturday Night with John Campbell, A Feature or series; 2315 S-H Pacific Weather; 2317 Kim Hill (interviews/current affairs). 0000 S/A News; M-F Midday Report; 0012 S This Week in Parliament, A Focus on Politics; 0033 S Spectrum (life in NZ), A The Sampler (latest CDs). 0100 (fade in eNA) D RNZ News; 0106 S At the Movies, M-F Cadenza (light classics), A Your Money; 0130 S Bookmarks*, A The Lord of the Rings*. 0200 D RNZ News; 0205 S Feature program/series*, M-F In Touch with New Zealand (music/variety), A Eureka! (science)*; 0230 A Health Matters or Environment Matters*. 0300 S/A RNZ News*, M-F Pacific Regional News; 0305 S Feature program or series*, A The Mix*; 0308 M Tagata o te Moana (Pacific culture), T Top 5, W Pacific Report, H Mailbox (letters & DX news) or RNZI Talk (meet the RNZI staff), F Dateline Pacific; 0330 T New Releases, W Tradewinds, H The World in Sport, F Pacific Correspondent; 0335 S Band Programme*. 0400 D RNZ News; 0406 S Playhouse (radio theatre)*, M-F In Touch with New Zealand (from 0205), A Home Grown (NZ music to 0600, including Musical Chairs-artist feature 0430*). 0500 D RNZ News; 0505 S Spiritual Outlook*, M-F Checkpoint (comprehensive news). 0600 D RNZ News; 0606 S Whenua (Maori magazine)*, M-F What's Going On? (arts & entertainment calendar), A Tagata o te Moana (Pacific culture)*; 0630 M-F Worldwatch; 0645 M-F Storytime.

[*may be preempted for live sport].

R. for Peace Int., Costa Rica—7445, 15039, 21815usb

2100SVoices of Our World (Maryknoll program), *M* Honoring Mother Earth: Indigenous Voices (from 2030), *T* Living Enrichment Center, *W* Global Community Forum (from 2030), *H* Woman's Voice (from 2030), *F* Earthspan (War & Peace Foundation), *A* Far Right Radio Review (from 2030); **2130 S** Perspective (UN program), *M* In the Moment, *T* Peace Forum, *W* Scope (UN program), *H* Tropical Conservation Newsbureau (rainforests), *F* Newmaier Report, *A* World Citizens Weekly Commentary; **2145 S/A** Hightower Report (commentary), *M-F* UN Today; **2150 S/A** Earthwatch (ecology); **2155 S/A** Earth & Sky (astronomy). **2200 S** Music Medicine, *M-F* Democracy Now! (Pacifica Radio's daily report), *A* CounterSpin (media analysis); **2230 A** Freespeech Radio News. **2300 S** Neumaier Report, *M* Between the Lines, *T* Woman's Voice, *W* Alternative Radio, *H* Making Contact (reports & interviews), *F* Honoring Mother Earth: Indigenous Voices, *A* TUC Radio; **2315 S** Living Enrichment Center; **2330 M** TUC Radio, *H* Steppin' Out of Babylon, *A* Continent of Media. **0000-0400** (as 1200-1600 in Morning Prime.) **0400-0700** (as 1000-1300 in Morning Prime.)

R. Prague—6200, 7345, 7385, 9870, 11600, 11615

2230 D News; **2235 S** Letter from Prague, *M-F* Newsview, *A* Readings from Czech Literature; **2240 S** The Arts, *T* Witness, *W* ABC of Czech, *A* Saturday Music (classical/folk/jazz); **2245 S** Mailbox, *M* One on One (interview), *T* Talking Point or Insight Central Europe, *W* Czechs in History or Profile, *H* Economic Report, *F* Magazine. [off at 2258.]

0000 D News; **0005 S** Readings from Czech Literature, *M* Letter from Prague, *T-A* Newsview; **0010 S** Saturday Music (classical/folk/jazz), *M* The Arts, *W* Witness, *H* ABC of Czech; **0015 M** Mailbox, *T* One on One (interview), *W* Talking Point or Insight Central Europe, *H* Czechs in History or Profile, *F* Economic Report, *A* Magazine. [off at 0028.]

0100-0128 (as 0000-0028.)

0300-0328 (as 0000-0028.)

R. Romania Int.—9510, 9570, 11740, 11775, 11810, 11940, 15105, 15180, 17735, 17815, 21480

2300 D Radio Newsreel; **2310 S** Focus, *M-F* Commentary, *A* The Week; **2315 S** Sunday Studio, *M* Pro Memoria (history), *T* Business Club, *W* Society Today, *H* Cards on the Table (debate) or The Romanian Next to You (interview), *F* Challenge for the Future or Terra 2001, *A* World of Culture; **2320 M** Political Flash, *T* European Horizons, *A* RRI Encyclopedia; **2325 S** Romanian by Rádio, *M/W/F* Business Update, *T* Tourist News, *H* Listeners' Letterbox, *A* Roots (culture/traditions); **2330 S** Romanian Itineraries, *M* Pulse of Transition, *T* Mother Nature (ecology), *W* Visit Romania, *F* Practical Guide, *A* Radio Pictures; **2335 S** Listeners' Letterbox, *M* Performing Arts, *T* Youth Club, *W* Partners in a Changing World, *F* Cultural Survey, *A* Romanian Itineraries; **2340 M** Pages of Romanian Literature, *T/H* Skylark (folk music), *W* Stage and Screen, *F* Spectator (voice of the people), *A* Bucharest Along the Centuries; **2345 M** Romanian Hits, *W* Romanian Musicians, *F* Romanian Folk Music At Its Best, *A* DX Mailbag; **2350 S** Romanian Folk Music At Its Best, *M* Sports Roundup, *T* Athlete of the Week, *W* Sports Club, *H* Football Flash, *F* Sports Weekend. [off at 2355.]

0200 D Radio Newsreel; **0210 S** The Week, *M* Focus, *T-A* Commentary; **0215 S** World of Culture, *M* Sunday Studio, *T* Pro Memoria (history), *W* Business Club, *H* Society Today, *F* Cards on the Table (debate) or The Romanian Next to You (interview), *A* Challenge for the Future or Terra 2001; **0220 S** RRI Encyclopedia, *T* Political Flash, *W* European Horizons; **0225 S** Roots (culture/traditions), *M* Romanian by Radio, *T/H/A* Business Update, *W* Tourist News, *F* Listeners' Letterbox; **0230 S** Radio Pictures, *M* Romanian Itineraries, *T* Pulse of Transition, *W* Mother Nature (ecology), *H* Visit Romania, *A* Practical Guide; **0235 S** Romanian Itineraries, *M* Listeners' Letterbox, *T* Performing Arts, *W* Youth Club, *H* Partners in a Changing World, *A* Cultural Survey; **0240 S**, Bucharest Along the Centuries, *T* Pages of Romanian Literature, *W/F* Skylark (folk music), *H* Stage and Screen, *A* Spectator (voice of the people); **0245 S** DX Mailbag,

T Romanian Hits, *H* Romanian Musicians, *A* Romanian Folk Music At Its Best; **0250** *M* Romanian Folk Music At Its Best, *T* Sports Roundup, *W* Athlete of the Week, *H* Sports Club, *F* Football Flash, *A* Sports Weekend. [off at 0255.]

0400-0455 (as 0200-0255.)

R. Slovakia Int.—5930, 6190, 9440

0100 *M* Sunday Newsreel, *T-S* News; **0105** *S* Insight Central Europe, *T-A* Topical Issue; **0110** *M* Listeners Tribune (letters/Slovak music), *T* Tourism and Local Life, *W* Sport, *H* Business, *F* Culture, *A* History. [off at 0130.]

R. Sweden—9475

0230 *S* Network Europe (Europe magazine-1st week)/Sweden Today (2nd)/Spectrum (arts magazine-3rd)/Studio 49 (topical discussion-4th), *M* In Touch with Stockholm (listener contact-1st)/Sounds Nordic (rock music-exc. 1st), *T-A* Sixty Degrees North (regional report); **0245** *T* Sports Scan, *W* Close Up (profiles of Swedes-1st/3rd), *H* Money Matters, *F* Nordic Report (1st)/Green Scan (ecology-2nd)/Heart Beat (health-3rd)/The *S*-Files (things Swedish-4th), *A* Review of the Newsweek. [off at 0300.]

0330-0400 (as 0230-0300)

R. Taipei Int.—5950, 9680

0200 *D* News; **0215** *S* Great Wall Forum (discussing the mainland), *M* Jade Bells & Bamboo Pipes (traditional music), *T* Culture Express, *W* Taiwan Today, *H* Discover Taiwan, *F* Taipei Magazine, *A* Groove Zone; **0230** *S* Mailbag Time, *T* Trends, *W* Confucius and Inspiration Beyond, *H* Life Unusual, *F* People; **0245** *M-F* Let's Learn Chinese (*M/W/F* elementary, *T/H* intermediate), *A* Kaleidoscope (life in Taiwan). **0300** *D* News; **0315** *S* Great Wall Forum (discussing the mainland), *M* Taiwan Economic Journal, *T* Culture Express, *W* Taiwan Today, *H* Discover Taiwan, *F* Instant Noodles, *A* Kaleidoscope (life in Taiwan); **0330** *S* Asia Pacific, *M* People, *T* Trends, *W* Confucius & Inspiration Beyond, *H* Life Unusual, *F* People, *A* Mailbag Time; **0345** *M-F* Let's Learn Chinese (*M/W/F* elementary, *T/H* intermediate), *A* Best of Naluwan.

[0200-0300 schedule also airs **0700-0800** for *wNA*.]

RTE, Ireland—6155

0130 *S/M* Sportsnews; *T-A* The News at Six.

R. Ukraine Int.—12040

0000 *D* News; **0006** *M* Hello From Kiev (listener letters/music); **0010** *T-S* Ukraine Today (magazine); **0018** *S* Baroque (the arts); **0020** *M* Music from Ukraine; **0025** *T-F* Closeup (current issues). [off at 0155.]

0300-0355 (as 0000-0055.)

RVI, Belgium—15565

2230 *S* Radio World, *M-F* News, *A* Music from Flanders; **2234** *M-F* Belgium Today; **2238** *S* Tourism in Flanders; **2243** *M* Focus on Europe, *T* Green Society (ecology), *W/F* Around the Arts, *H* Economics; **2244** *S* Brussels 1043 (letters); **2248** *M* Sports, *W* Around Town, *H* International Report, *F* Tourism in Flanders; **2254** *S-F* Soundbox (Flemish rock). [off at 2300.]

0400 *S* Music from Flanders, *M* Radio World, *T-A* News; **0404** *T-A* Belgium Today; **0408** *M* Tourism in Flanders; **0413** *T* Focus on Europe, *W* Green Society (ecology), *H/A* Around the Arts, *F* Economics; **0414** *M* Brussels 1043 (letters); **0418** *T* Sports, *H* Around Town, *F* International Report, *A* Tourism in Flanders; **0424** *M-A* Soundbox (Flemish rock). [off at 0430.]

Spanish Foreign R.—15385

0000 *S* Visitors' Book, *M* Window on Spain (culture/arts), *T-A* International, Spanish and Ibero-American News; **0016** *S/M* repeat of weekday feature programs, *T-A* Spanish pop music; **0020** *T-A* Press Review; **0025** Feature programs (including 'Radio Waves' for DXers, 'Chronicles' on Spain's foreign relations, 'Entremeses' on food and travel, 'Africa Today' and 'Radio Club', a mailbag program); **0040** *T-A* Spanish Language Lesson. [off at 0055.]

Swiss R. Int.—9885, 11905

2330 *S/A* Swiss Scene, *M-F* Newsnet; **2335** *A* Take 2; **2340** *S* Culture Zone (the arts-1st/3rd

wk) or Out and About (Swiss places-2nd/4th wk), *A Sounds Good* (Swiss music-3rd/5th wk); **2345 F Business Spotlight.**

VOA News Now—5995, 6130, 7405, 9455, 9775, 11695, 13790

0000 T-A News; 0015 T-A Focus; 0023 T-A Sports; 0030 T-A Headlines; 0033 T-A Coast to Coast (American magazine). 0100 T-A News; 0110 T-A Analysis; 0123 T-A Sports; 0130 T-A Headlines; 0133 T-F Business Report, A VOA News Review; 0145 T-F Dateline (news magazine); 0155 T-F Editorial. [off at 0200.]

VOA Special English—7405, 9775, 13790

0130 T-A News; 0140 T Agriculture Today, W/H Science Report, F Environment Report, A In the News; 0145 T Science in the News, W Explorations, H Making of a Nation, F American Mosaic; A American Stories. [off at 0200.]

Voice of Nigeria—7255, 15120

2100 S Time for Highlife, M Musical Heritage, T Soul Lift, W Health Corner, H Perspectives, F Our Environment, A Talking Agriculture; 2115 M World of the Arts, T Beyond the Poverty Line; 2130 S Wheel of Progress, M From the Racks, T Ten Seconds, W VON Link-Up, H Our Cities, F Celebrations, A Theatre on the Air; 2145 S Listeners' Letters, M Issues. [off at 2200.]

0500 S/A News Summary, M-F VON Scope, A African Safari (music); 0505 S VON Link-Up, A African Safari; 0530 D News about Nigeria; 0540 D News About Africa; 0545 D World News; 0555 D Commentary. 0600 S This Week on VON, M-F Moving On, A Weekend Magazine; 0615 S Soul Lift; 0630 S/A Reporter's Diary, M-F African Press; 0645 S From the Racks, M-F Insight, A Listeners' Letters.

Voice of Russia—7180, 9665, 9725, 11750, 11825, 12000, 17565, 17595, 17650, 17660, 17690

0100 D News; 0111 S News & Views, M Sunday Panorama, T-A Commonwealth Update; 0124 M Russia: People & Events; 0130 D News in

Brief; 0132 S Moscow Yesterday & Today, M Timelines, T Folk Box, W Jazz Show, H Musical Portraits of the 20th Century, F Yours for the Asking, A Christian Message from Moscow; 0146 F Music At Your Request; 0154 H Russia: People & Events. 0200 D News; 0211 S/M/H Moscow Mailbag, T/F Science & Engineering, W/A Newmarket (business); 0230 D News in Brief; 0232 S Songs from Russia, M This is Russia, T Kaleidoscope (Russian events), W Musical Portraits of the 20th Century, H Moscow Yesterday & Today, F Russian by Radio, A Audio Book Club (Russian lit.); 0246 S You Write to Moscow; 0254 W Russia: People & Events. 0300 D News; 0311 M Sunday Panorama, T-S News & Views; 0324 M Russia: People & Events; 0330 D News in Brief; 0332 S Kaleidoscope (Russian events), M Audio Book Club (Russian lit.), T/H/A 20th Century, W/F Russian history/culture. 0400 D News; 0411 S/M Musical Portraits of the 20th Century, T/F Moscow Mailbag, W/A Science and Engineering, H Newmarket (business); 0430 D News in Brief; 0432 S/A Timelines, M Jazz Show, T Yours for the Asking, W Moscow Yesterday & Today, H Folk Box, F Audio Book Club (Russian lit.); 0447 T Music At Your Request. (off at 0500.)

Voice of Vietnam—6175

0100 D News; 0105 D Current Affairs; 0110 Su Weekly Review, M Sunday Show, T/W/F/A Press Review, H Talk of the Week; 0115 T Vietnam: Land & People, W Culture & Society, H Letterbox, F Vietnam Economy, A Rural Vietnam; 0120 S Music, A Literature and Arts.

0230-0300 (as 0100-0130.)

0330-0400 (as 0100-0130.)

WBCQ, Maine

7415 kHz.: 2000 H-S Radio Caroline. 2100 S Radio Free Euphoria, M Jean Shepherd, W The Clone Zone, F Juliet's Wild Kingdom, A HarvZower; 2130 T International World Beat Music, F Pab Sungenis Project. 2200 M The RMF Show; 2230 H Uncle Ed's Musical Memories, F Wanton Display of Control & Disruption, A Radio Timtron Worldwide.

2300 S Le Show (humor/entertainment), *H* Goddess Irina 1 Music Show, *F* Lost Discs Radio Show, *A* The Real Amateur Radio Show; **2330 W** World of Radio, *H* Steppin' Out of Babylon, *A* Fred Flintstone Music Show. **0000 S** Different Kind of Oldies Show, *M* Radio New York International (to 0400), *W* Off the Hook, *A* Allan Weiner Worldwide. **0100 S** Marion's Attic (vintage recordings), *A* Tasha Takes Control. **0200 S** Pocket Calculator. **0300 S** You Are What You Think, *F* Veronica/Passaro Music Hour. **0400 S** Tom & Darryl (electronic media), *M-A* Amos 'n Andy. **0500 S** Tom and Darryl (electronic media-1st/3rd wks.), *H* World of Radio, *A* The Clone Zone; **0530 H** Radio DC.

9335 kHz.: **2330 A** Blugrass Gospel. **0000 S** American Bizarre.

WHRI, Indiana

5745 kHz.: **2100 S** DXing with Cumbre; **2105 M-H** For the People (populist phone-in). **2130 S** Music (Christian contemporary/gospel). **2200 S/A** Turn Your Radio On. **0302 S 20**, The Countdown Magazine (Christian rock music charts to 0500); **0305 T-A** Music (Christian contemporary/gospel). **0500 A** DXing with Cumbre; **0530 A** World Harvest Country Style. **0630 S** DXing with Cumbre.

7315 kHz.: **0105 S** Music (Christian contemporary/gospel). **0205 M** Music (Christian contemporary/gospel). **0302 S 20**, The Countdown Magazine (to 0500); **0305 M** Music (Christian contemporary/gospel); **0330 M** DXing with Cumbre. **0500 M-F** Music (Christian contemporary and gospel), *A* DXing with Cumbre; **0530 A** World Harvest Country Style. **0604 A** Turn Your Radio On; **0630 S** World Harvest Country Style.

7580 kHz.: **2302 A 20** The Countdown Magazine (to 0100); **2305 M-F** For the People (populist phone-in), *A* Music (Christian contemporary/gospel). **0000 M 20**, The Countdown Magazine (to 0200). **0100 M** Music (Christian contemporary/gospel). **0205 M** Music (Christian contemporary/gospel); **0230 S** DXing with Cumbre, *A* World Harvest Country Style. **0305 T-A** Music

(Christian contemporary/gospel); **0335 S** Music (Christian contemporary/gospel). **0430 A** DXing with Cumbre.

9495 kHz.: **2205 M-F** Music (Christian contemporary/gospel); **2230 S** Music (Christian contemporary/Gospel), *A* DXing with Cumbre. **2305 A** Music (Christian contemporary/gospel).

11730 kHz.: **0503 S** World Harvest Country Style. **0605 M-F** Music (Christian contemporary/gospel).

17650 kHz.: **2100 F** DXing with Cumbre; **2130 M-F** Music (Christian contemporary/gospel), *A* DXing with Cumbre. **2205 M-F** For the People; **2230 S** Music (Christian contemporary/gospel).

WRMI, Florida

7385 kHz.: **0230 S** Drive In Double Feature. **0230 M** Wavescan. **0330 S** Viva Miami (magazine).

15725 kHz.: **2200 S** Wavescan.

WWCR, Tennessee

3210 kHz.: **0000 S** The Big Backyard (Australian country music). **0205 M** Golden Age of Radio Theatre. **0400 S** Cyber Line (computers). **0500 M** World of Radio; **0505 A** Rock the Universe (Christian rock music). **0600 S** The Big Backyard (Australian country music), *M* Spectrum (communications discussion); **0605 T-F** World Wide Country Radio (music).

5070 kHz.: **2305 W/F** Golden Age of Radio Theatre. **0145 S** Ask WWCR (letters). **0230 S** World of Radio. **0300 S** Spectrum (communications discussion). **0400 S** Cyber Line (computers). **0500 S** World Wide Country Radio (music), *T* Ask WWCR (letters); **0505 M** View from Europe. **0605 S** This Week in Americana (antiques); **0630 S** World of Radio.

YLE, R. Finland—11990, 13730

0000 S Capital Weekend (magazine). [off at 0100.]



Adrian Peterson's Diary

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

The Story of AWR in Europe

During the past 31 years, Adventist World Radio has been on the air shortwave in eight different countries of Europe, at 10 different shortwave locations, and from 20 different shortwave transmitters. Here, we look at the story of AWR in Europe, at least up to the present time.

As we have mentioned on previous occasions, the first broadcast from Adventist World Radio went on the air from a 250 kw transmitter owned and operated by Radio Trans Europe at Sines in Portugal. This venture from a Deutsche Welle relay station was launched under the leadership of a husband-wife team, Allen and Andrea Steele. The date for the launching of this new venture was Friday October 1, 1971, and the initial broadcast was beamed to Italy in the Italian language. These broadcasts went on the air without prior publicity, and they caught the international radio world unawares.

These new broadcasts were heard in many parts of the world quite early, and shortwave listeners in Sweden and Australia notified their radio magazines with their monitoring observations. The weekly publication from the Radio Sweden DX program, "Sweden Calling DXers," reported the new broadcast venture as "unidentified." Likewise in Australia, both Robert Chester and Bob Padula logged the new broadcasts and reported them in the Australian publication, "Australian DX News." In their next issues, these same two magazines identified these new and unheralded broadcasts as the launching of the new international shortwave service from Adventist World Radio.

The original AWR office was located on the top floor of an apartment building on Rua Braamcamp in Lisbon. The program tapes were delivered to the studio at Sesimbra, out from Lisbon, from where they were microwaved to the transmitter site for

broadcast. The original QSL card for these new AWR broadcasts back more than 30 years ago is now an item of rarity.

Eight years later, in the year 1979, AWR enlarged its broadcast outreach by placing programming on the second transmitter at Sines. These early AWR broadcasts were on the air from the two transmitters at 250 kw in Sines, Portugal until the end of the year 1992. By that time, AWR was now on the air from other international shortwave stations in Europe. In view of the fact that RTE operated a third transmitter at Sines as a standby unit, it is quite probable over a period of time that AWR was on the air actually from all three of these units.

Four years after it was launched in Portugal, AWR took out a relay from Radio Mediterraneo on the island of Malta. This shortwave station was another Deutsche Welle relay station, though it was closed a few years ago. AWR took out a series of special program relays in mid-1975 for coverage of the Seventh-day Adventist world convention in Vienna Austria. Ultimately the Malta transmitter was on the air with AWR programming for a period of eight years. For a period of a year or two, the second 250 kw transmitter at Cyclops in Malta also carried AWR programming.

In the year 1979, AWR took out experimental relays from two different locations in Europe. One was Radio Andorra, and the other was Radio Luxembourg. Adventist programming from Radio Luxembourg began in 1947, with the broadcast of the American "Voice of Prophecy" with the legendary Dr. H. M. S. Richards. However, 50 years later this program relay was officially recognized as an AWR service. These AWR broadcasts from Radio Luxembourg, mediumwave and shortwave, were on the air for a period of five years.

The Radio Andorra circumstances were quite interesting. The new programming from this exotic little radio station went on the air on Saturday night, September 8, 1979 during a local festival. The sounds of the festival and its fireworks were heard in the background during the inaugural broadcast. Radio Andorra procured two transmitters at 10 kw from Radio Free Europe in Holzkirchen, Germany, and these were installed in Radio Andorra for the exclusive usage of Adventist World Radio. After a successful series of test broadcasts, the first of these relocated transmitters went into regular service with AWR programming on August 1, 1980. It is understood that the second unit was in use at times, but not on a regular basis. Radio Andorra was closed by action of the French and Spanish governments on April 2, 1982, and suddenly AWR lost this exotic little radio outlet. However, some months afterwards AWR took out a 13 week series of test programs from Radio Milano International in Milan, Italy. These programs were on the air at the end of 1983 and into the early part of 1984.

However, soon after the conclusion of this successful series of test broadcasts, another AWR program was heard from RMI Milan. This was the AWR DX program from Southern Asia under the old title, "Radio Monitors International." This DX program was produced in the Poona studios of Adventist World Radio, and it was heard on international shortwave, tropical shortwave, mediumwave and FM from the Sri Lanka Broadcasting Corporation in Colombo, Sri Lanka for coverage in Asia. The well known broadcaster in the United States, Jeff White, included the DX program "Radio Monitors International" in his scheduling over several stations in the United States and in the Caribbean. In this way the AWR DX program, RMI, was also on the air from RMI Milan in Italy for a period of more than two years.

In 1985, through the efforts of our AWR Frequency Manager, Claudius Dedio, a 10 kw Collins transmitter was procured from Swiss Telekom. This unit was on the air previously with Radio Free Europe in Holzkirchen in Germany.

This 10 kw Collins was installed in a small transmitter building on the edge of Forli in northern Italy. The studios and offices for the new AWR Forli were housed in an ornate Italian Villa. Test broadcasts began on January 30, 1985, and regular broadcasting began six weeks later, on March 16, using a rotatable yagi antenna.

The coverage area from this exotic little station, operating at just two and a half kilowatt, was Europe and North Africa, though on the occasion of special broadcasts it was heard in North America and even in New Zealand.

Due to the fact that higher powered transmitters from other locations in Europe and the Middle East became available, the Forli station was closed with a flourish on the last two days of last year. Special programming to honor the work of this little station and its staff was heard from the Forli transmitter, as well as from one of the 100 kw units operated by Deutsche Telekom in Julich in Germany.

January 1, 1994 was an auspicious day for AWR in Europe. It was on this New Year's Day that test broadcasts were inaugurated from the Slovak Telecom station located at Rimavska Sobota in Slovakia. These test broadcasts from transmitters RS09 and RS010 gave AWR its loudest voice thus far, as this station could be heard at some time of the day in every country of the world.

Transmitter number eight was added into the AWR broadcast network during the following year. However, with changing events and changing needs, the AWR usage of the two units, eight and 10, was phased out three years ago, and the entire AWR schedule from Rimavska Sobota was reduced to just one broadcast each day just last year.

A smaller station in Slovakia, on the air with two transmitters at 100 kw, was located at Velke Kostolany. AWR was on the air from transmitter VK02 for three years beginning in 1994. This station has since been demolished.

Over in Germany, a large transmitter station containing a dozen units at 100 kw

was constructed for the usage of Deutsche Welle. AWR began a relay over this station using two units, beginning in 1996. AWR is still on the air from Deutsche Telekom in Julich for coverage of areas in Europe, the Middle East and North Africa.

Our final location in this tour of Europe is Austria. Quite close to the famed Vienna Woods is Moosbrunn, and it is here that Radio

Osterreich International has established two high powered transmitters at 500 kw each. Just last year, AWR began a relay of its programming over these two units for coverage of Europe, North Africa and the Middle East.

About a month from now, we will continue the saga of AWR on the air, and on this next occasion, we will take a look at the AWR usage of five different locations in Russia.

Ship Broadcasting in Australian Waters

In this episode on the annals of radio broadcasting from ships, we take a look at the scene in the South Pacific again, in the waters surrounding Australia. We turn the clock back to the year 1926 and we observe that the European vessel, Carinthia, is steaming through the waters of the Southern Ocean below Australia.

The mediumwave station 5CL in Adelaide was at the time on the air as a commercial facility, though these days the station is owned by the government ABC network under the callsign 5RN. A small radio transmitter was placed on board the Carinthia, which was described as the "millionaire liner." A special program was relayed back to 5CL while the ship was steaming east towards Melbourne. A listener in Perth heard this special relay and reported the item in the Melbourne based radio weekly, "Listener In."

In the following year, another similar outside broadcast was made from another ship at another location, this time the "Akuna" in the waters of Port Philip Bay, Melbourne. The mediumwave station 3LO was also a commercial facility at the time, though today this station is also owned by the government ABC network, but still under its original callsign 3LO.

The occasion for this special broadcast was a visit from a member of the royal family in England. A small shortwave transmitter was installed temporarily on the "Akuna" for this relay broadcast from ship to shore.

Placing a portable radio transmitter on board a ship for the purpose of making a special relay was a popular procedure during the

earlier era of radio broadcasting. In 1932, station ZUW in Sydney took a special relay from the Dutch passenger liner, "Nieuw Holland, as it was leaving Sydney Harbour.

This event occurred on Sunday October 23, 1932 which was designated as "Hospital Day." A small portable transmitter relayed the programming, which was heard by a Sydney DXer in the 42 metre band. He described the reception level of the signal at his location as excellent.

Back in November 1941, the American ship "Lurline" made a visit to Australia. The ship was noted at both edges of the continent on 8820 kHz when it was in contact with the maritime station KRO in Hawaii. As was the custom of the day, this ship was licensed with a callsign, KIEK, that could also be used for the relay of broadcast programming.

It would appear that radio broadcasts were made from transmitter KIEK which were also heard in Australia, and reception reports were sent to their address in San Francisco. Five years later in 1946, QSLs were received in Australia, stating that the special transmitter had since been removed.

In the year 1947, the Royal Mail Steamer "Orion" visited Australia, and it was noted on the air while in contact with the maritime station VIM in Melbourne. DXers of the day state that this ship, with the callsign GYLK, also made its own special broadcasts as it was leaving the continent, though no QSLs were ever issued. However, I did hear GYLK on the "Orion" while it was in contact with VIM, and the QSL card from VIM verifies the two way conversation which was logged on 2100 kHz.

Equipment Reviews

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Kiwa Mods for the Icom R-75

The Icom IC-R75 has been a very popular receiver, due to overall good performance, deep price discounting by Icom and the special offer of a free DSP board for noise reduction and automatic notch filter. The current street price with discount is under \$600. The R75 offers very creditable performance for a receiver in this price range. In fact, I find the R75 to be one of the most sensitive receivers that I own. It has a very effective preamp, which significantly boosts weak signals without excessively increasing the background noise level. The stock 2.4 kHz SSB filters, in conjunction with the dual passband tuning, affords excellent selectivity for SSB signals and is relatively good for AM signals tuned in ECSS mode. The R75 is an excellent choice for a first SW receiver or someone stepping up from a portable radio to a desktop receiver.

*You can save some money
by doing the sync mod
yourself, but I can tell you
from personal experience
that it is not for the novice
or the faint of heart.*

The R75 is not without some deficiencies, however. The filtering for reception of signals in AM mode lacks an intermediate value between the 6 kHz wide filter and the 2.4 kHz narrow value. The passband tuning cannot be used to give a narrower bandwidth in the wide filter mode since it is ineffective with the combination of the 15

and 6 kHz AM filters. The standard 2.4 kHz filters are great for SSB, but yield somewhat muffled audio for ECSS AM. The optional FL-257 3.3 kHz filter gives better audio and excellent selectivity, either in ECSS mode or with the PBT in AM mode, but lists for \$225 with a street price of around \$160.

The other major deficiency that has been a source of complaints by R75 owners is the lack of an effective synchronous detector. Essentially, engaging the sync detector seems to make no difference to the received signal. This deficiency has been addressed by Radostin Danev, who has posted a modification procedure requiring only a few easily obtainable components to the R75 Yahoo group at: http://groups.yahoo.com/group/icomr75/files/R75%20mods/R75_AM_and_SAM_mod_VER11.pdf. This modification is very effective, but is not to be attempted unless one has experience with soldering surface mount components on crowded printed circuit boards, a fine-tipped low-wattage soldering iron and good eyesight.

Because of these defects, the R75 has gotten the reputation as being a better receiver for utility listening, rather than shortwave broadcast DXing and program listening.

Kiwa to the rescue

Kiwa Electronics of Yakima, Washington has been manufacturing radio accessories and providing radio modifications for at least ten years and has an outstanding reputation for service and quality. They have several modifications available for the IC-R75 that address the radio's shortcomings. These are not available for user installation; the receiver must be sent to Kiwa for instal-

lation of the mods. Complete details on the available modifications and pricing can be found at: <http://kiwa.com/R75.html> .

The first modification provides an intermediate bandwidth for AM and AM sync mode reception. The 15 kHz filter in the 450 kHz IF is removed and replaced with the existing 6 kHz 450 kHz IF filter. The 6 kHz filter is replaced with a 3.8 kHz unit to provide better selectivity and sync performance. FM mode reception is affected, since FM mode normally uses the 15 kHz bandwidth filters in both the 9 MHz and 450 kHz IFs. This mod costs \$90 for the filter, installation and filter menu reassignment. The 3.8 kHz filter is a good choice for reception under noisy or crowded band conditions. The passband tuning can be used to effectively shift the filter's passband for optimum fidelity/intelligibility with good rejection of adjacent channel interference.

The second modification is to the sync detector circuit to improve lock and AGC characteristics. To the best of my knowledge this is the same mod that is posted at the Yahoo R75 group website. This mod costs \$45 and results in a sync detector that locks and holds sync very well. Although it is not a sideband selectable sync, it does help reduce signal fading and distortion and results in more listenable and pleasant audio. The only (minor) drawback to the modification is that the capability to select automatic switching between sync and regular AM modes with poor signal strength is lost.


The third modification is replacement of certain components in the receiver's audio output amplifier stage to enhance clarity and definition of the audio output. This mod costs \$35.

Performance

I was able to compare modified and unmodified R75s side-by-side, using each radio's internal speaker and the same antenna through a coupler. There is no question

that the mods are a significant improvement. I tried to isolate the effects of each of the modifications to assess their relative values—each of the mods are effective and worthwhile. The 3.8 kHz filter may not have quite the skirt selectivity of the FL-257, but is still quite effective. It is narrow enough that I found myself using the PBT to increase the treble of received signals. The modified sync detector now actually locks and reduces distortion secondary to fading. The lock holds well through deep fades and the AGC response seems much smoother. I now use AM sync mode routinely to listen to (and enjoy!) SW broadcast signals. I was able to appreciate a distinct difference with the audio amplifier mods—the presence and warmth of voices was increased and high end sizzle and hiss was reduced. In short, I recommend getting all three mods performed, since I found them all to be significant improvements for listening to SW broadcast stations. For those who listen to utility signals, the narrower filters offered by Icom will probably be of value, as well. The Kiwa mods still leave one optional filter slot available in the 9 MHz and 455 kHz IFs.

Value?

The total cost of all of the mods is \$170, plus shipping to and from Kiwa at approximately \$30, for a total cost of around \$200. You can save some money by doing the sync mod yourself, but I can tell you from personal experience that it is not for the novice or the faint of heart. The \$200 eats up the discount from Icom but results in a significantly improved radio. Even at a total cost of approximately \$800, the modified IC-R75 is one of the better radios available for under \$1000. The other way to view the cost of the mods is that for about \$40 more than the cost of the optional FL-257 filter, you get not only an intermediate bandwidth for AM and wide SSB, but a sync detector that works and better audio. Kiwa Electronics can be contacted at kiwa@wolfenet.com; 612 South 14th Avenue, Yakima, WA 98902; 509-453-5492 or 800-398-1146 (orders). 

Technical Topics

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Free Standing Tilt-Over Mast

by Ed Stroh

Thornton, Illinois

I have been a SWL/DXer for about 34 years and a NASWA member for all but a few of the last 27 years. In the course of that time period I have pursued my radio listening hobby in four separate locations with each having different backyard configurations and space limitations.

Over the years I have tried several commercially manufactured antennas as well as several home brew antennas. I have tried the Mosley SWL-7, Mosley SWV-7 and the Alpha Delta DX-SWL Sloper which is my present antenna of choice.

I have also tried several different lengths of home made end-fed long wire antennas as well as several different mast/mounting variations for all these antennas.

Up until recently I had a 15-foot mast mounted on the eaves of my house at the peak of the roof using a Radio Shack eave mount bracket screwed to the fascia board. The mast also needed to have several guy wires to hold it up. In my opinion, it was rather unsightly with those guy wires as well as being kind of flimsy. If the guy wires ever came loose, the mounting bracket on the eave would never be able to hold up the mast and it would tear out my fascia board as it tumbled to the ground.

I had a new roof put on the house recently. As a result, I had to take down the mast so I thought this would be a good time to come up with a new design. I only needed a mast configuration to hold up my Alpha Delta Sloper. I wanted something that would look sleeker and neater and be stronger than the old one.

My new antenna mast design is a stand-alone, no guy-wire, 25 foot high mast mounted at ground level. This gets the antenna to approximately the same height as it was when it was mounted on the eaves of the house. No more roof top mounting.

The really nice thing about this new design is that it is a tilt over mast. Now if I need to work on the antenna there will be no more waiting for a calm windless day, or climbing up on the roof, or disconnecting the guy wires, or teetering on the edge of the roof while struggling to take the mast down.

If I need to work on the antenna now, all I do is loosen and remove 1 bolt and tilt the mast down to the ground. The new design is much safer than the old way. No climbing is required. I don't know why I didn't think of this sooner.

WARNING

Make sure that this metal antenna support cannot come in contact with overhead power lines during tilting or at full height. Consult your local zoning authority for any restrictions in your area. Call your local "Miss Utility" prior to digging if there is any doubt about the location of underground utilities. Neither the author, nor your editor, nor NASWA make any representation regarding the structural soundness of this design nor have we tested the design to determine the ultimate load-bearing capability.

The mast is made out of 1 1/4 inch rigid steel electrical conduit. The conduit comes with threaded couplings that allow two or more pieces to be joined together. The mast itself is made from two ten-foot lengths and one five-foot length of the conduit screwed together end to end. Two more ten-foot lengths are used to serve as the mounting base for the mast.

To begin the installation I used a post-hole digger to dig a four-foot deep hole. Prior to setting the pipes in the ground, I drilled two holes in each of them at a point that would be about three inches above ground level once the pipes were set in the ground. These holes, as well as 2 holes in the bottom of the 25-foot mast would all line up and serve as the pivot point so the mast could be tilted over.

I then put two ten-foot lengths of the conduit in the hole with 6 feet of each pipe protruding above ground level. These two pipes were set in the ground side by side with about two inches of space between them to allow for the 25-foot mast. They serve as the base that holds up the 25-foot mast.

After carefully checking the pipes to make sure they were perfectly plumb (i.e. vertical), I filled up the hole with four sixty-pound bags of concrete mix. This gives the mast a very solid base. Once the concrete has set the mast was ready to be erected.

I inserted an 8-inch long by $\frac{1}{2}$ inch diameter bolt through the holes for the pivot point. I also drilled two holes in each ground-mounted pipe at a point about three inches from the top of each pipe. I then drilled two holes in the 25-foot mast at a point which would line up with these holes at the top of each ground mounted pipe once the 25 foot mast was tilted up to it's fully erected position.

I inserted another 8 inch long by $\frac{1}{2}$ inch diameter bolt through these holes to hold the mast in the erect position.

I took advantage of the base mount pipes being threaded on the ends and screwed caps on them to keep the weather out. Even the very top of the mast where the 5-foot section of pipe is, I had that threaded at the hardware store so I could screw a cap on it to keep the weather out.

To mount the Alpha Delta Sloper antenna itself to the mast, I drilled two holes at a point about three inches from the top of the mast and inserted a stainless steel eye bolt so I would have something to hook the antenna to. All bolts, nuts, and washers are galvanized to ensure long life without rusting.

I also used clear silicone sealant at all points where holes were drilled to seal out the weather.

All that was needed to secure the coaxial cable as it traveled from the antenna down the mast was some plastic, UV-resistant, cable ties that are available at Radio Shack. These cable ties made it a very neat looking installation. I wrapped a cable tie about every 12 inches around the mast to secure the coax cable to the mast. One could use electrical tape to wrap around the mast to secure the coax cable as it travels down the mast but the tape would eventually come loose and start flapping in the wind.

Now when I want to tilt the mast down to work on the antenna all I have to do is remove the top bolt that is at the approximate 6-foot level, and walk the mast down to the ground. Simple and safe! Incidentally, this mast will work with almost any wire antenna such as Eavesdropper or even a homemade, end-fed, long-wire or dipole antenna. You could even erect two of these masts, one at each end of the antenna.

I bought all the necessary parts for this project at the local Menards Home Center and Radio Shack. The total cost was just under \$100. That might seem like a bit much for a 25-foot mast but it sure beats the danger of standing near the edge of the roof and struggling with the old set up. It looks so much neater too, especially since there are no guy wires. It is also much cheaper than a commercially available 25-foot free standing tower or crank up mast which would cost hundreds of dollars.

240 Country Endorsement to the Master DX Centurion Award

Congratulations are in order to John Sgrulletta of Mahopac, NY who upon receiving a QSL from Radio Bayrak International earned Northern Cyprus, Turkish Rep. (*Cyprus*). This was his 240th country verified. John is working on getting a 20 Indian States Endorsement (he has 18 QSLed with reports out to 2 other states) and the Senior Peruvian Award.

George Glotzbach of Sante Fe, NM has earned the 70, 75, 80, 85, and 90 Station Endorsements to Senior Ecclesiastic DXer Award.

There are 3 awards that newcomers to the hobby should have an easy time earning. The Round the Clock Continental DXer is awarded for verifying one shortwave broadcast station in each continent, excluding Antarctica, in a 24 hour period. Possible catches

include HCJB (South America), VOA-Sao Tome (Africa), VOA-Kavala (Europe), Radio Thailand (Asia), WWVH (Oceania) and WWV (North America). The All Continent "QRP" DXer is awarded for verifying one shortwave broadcast station from each radio continent, excluding Antarctica, with the power from the lowest powered station verified in each continent totaled together for the lowest possible wattage combination not exceeding 50 kw. No more than one time and frequency standard station may be included in the total. The Ecclesiastic DXer is awarded for verification of 15 religious oriented (owned or operated by a religious organization) shortwave broadcast stations.

I hope to soon hear from members seeking the elusive green certificates. Until next time, 73.

This month's cover was from the collection of Rich D'Angelo, our Executive Director. The card is actually more multi-colored than it appears on the cover with shades of yellow and red. We're still looking for suitable cover material. If you have anything, please send it in.

Listener's Notebook

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AFGHANISTAN USAID (the US Government's aid agency) is currently installing a VSAT satellite system at Radio-Television Afghanistan in Kabul. (It should be ready by the end of the week). This will be used to send the *Radio Kabul* signal via satellite to shortwave transmitters in Norway and somewhere in the Gulf. The programs will then be rebroadcast back into Afghanistan using Radio Free Afghanistan (RFA) and VOA facilities. This whole arrangement is being put in place especially to provide information to people in Afghanistan about the Loya Jirga process. (This is the body to take-over from the Interim Administration in mid-June). I expect the programs to start soon, so keep an ear on the relevant frequencies.

In addition, we are advised that the IBB (International Broadcasting Board) also from the USA is to provide two x 400 KW mediumwave transmitters to be based in Kabul. One will transmit Radio Kabul programs and the other VOA and RFA. In addition, two FM transmitters for Kabul are being supplied. I am not sure when the AM transmitters will be installed. Kind regards (Martin Hadlow, Kabul, via Paul Ormandy, New Zealand, May 7, DXLD)

"From next Monday 23 Sawr [13 May], the frequency for *Radio Voice of Afghanistan's* broadcasts will change. From next Monday you can hear our broadcasts on shortwave in the 16-metre band, corresponding to 17870 kHz, instead of the current frequency. Do not forget the change of frequency from next Monday, 23 Sawr." Source: Radio Voice of Afghanistan, London, in Dari and Pashto 1330 gmt 9 May 02 (via BBCM via DXLD/Hauser-OK)

Afghanistan/Russia/Great Britain/Austria. "*Afghan Voice*" via Austria, Moosbrunn from 13. May, 1330-1430, 17870 kHz, 500 kW, 90 degrees. Parallel transmission [15480, presumably gh] from Russia until 15. May. (Wolf Harranth, RO1 "Intermedia") AN-GOLA Radio Ecclesia ceased transmissions in Portuguese to Africa via Juelich, now via Meyerton, South Africa, using 6100 kHz. [I don't see a schedule anywhere, can I presume time remains 0500-0600 daily, 1800-1900 Sun-Fri, and 1800-2130 Saturday?—AQ] (CRU, Apr 30/BCDX/Bueschel-GER)

ANTARCTIC A Your best chance of hearing *LRA36* is when they stay on late past 2100 UT, which happens unpredictably. On 1 May they were heard on 15476.54 from 2030 with Argentine music and Spanish announcements until the carrier went off at 2201 with no closing ID. S/off times other days have been 2058 and 2119. 73, (John Cobb, Roswell, GA, May 3/DX Listening Digest/Hauser-OK)

ARGENTINA 6215.07 khz, *Radio Baluarte*, 0046-0207, May 23, heard again with its rlg programs in Spanish & Portuguese. ID at 0057 "Durante todo el dia la mejor compania, Futuro FM 101.7, Maranatha AM 1610 kilohertz, y Radio Baluarte ondas cortas de 49 metros en la frecuencia de 6215 kilohertz, tres radios y una sola mision, hacer mision en las tres fronteras de America," then ads for "Grupo Conquistadores en Accion," "Gran fiesta del Circulo de Oracion Camino Nuevo." At 0103 ID as "Durante todo el dia la mejor compania, Futuro FM 101.7, Maranatha AM 1610 kilohertz, y Radio Baluarte ondas cortas de 49 metros en la frecuencia de 6215 kilohertz, durante todo el dia buena musica y buena programacion, tres radios con una sola mision," then at 0104 began pgm "Atendiendo a los Ninos" with phone calls and rlg music. At 0200 same ID that 0057. At 0207 pgm rlg "Encuentro con Jesus." (Barrera-ARG)

AUSTRALIA New schedule for *Voice International* via Darwin 250 kW:

0900-1000	English	17645
0900-1300	Indonesian	15365
0900-1400	Chinese	13775
1000-1100	English	13685
1100-1700	En/Hindi	13635
1300-1700	Indonesian	13660
1400-1700	Chinese	17560

(Ivo and Angel! Observer, Bulgaria, May 14/DX Listening Digest/Hauser-OK)

AZERBAIJAN *Voice of Azerbaijan* English heard regularly starting at 1700 on 6110.85, interval signal, news in English by lady, weak but steady signal (Mike Barraclough, England, May World DX Club Contact/DX Listening Digest/Hauser-OK)

BELARUS *Radio Hrodna* does not use SW in the morning (0340-0400) in order to save electrical energy. Both SW units (6040 and 7110 kHz) have 5 kW power. There is another transmitter in Hrodna, on the air with Kanal Kultura program (former 2nd channel of BR), 7265 kHz, 2.5 kW, omni-directional.

Some news from Minsk: Ministry of communications ordered to suspend relays of the central 1st program on 6115 and 7210 kHz. This obviously did not affect the foreign service, Radiostation Belarus, it's well heard on 7210 kHz. (Sergei Alekseeichik, Hrodna, Belarus, Signal May 14/DX Listening Digest/Hauser-OK)

BOLIVIA 4716.79 *Radio Yura*, Yura, 0013-0035, May 10, Quechua and Spanish, Musical program comments by female announcer. ID "Sintonizan Radio Yura." (Eramo-ARG)

CAMEROON Three interesting stations reported earlier as inactive now claimed to be heard by Ouma Samuel of Uganda: Garoua, Cameroon 5010 kHz around 1800 UT in Vernaculars; Bangui, Central African Republic 7220 kHz after CRI s/off at 1757—in Vernaculars; Mozambique 3280 kHz after 1800, ID in PP in 1830, then in Vernaculars All signals are weak in Ouma's location. (Karel Honzik the Czech Republic (Czechia), hard-core-dx/DX Listening Digest/Hauser-OK)

CLANDESTINE—AFRICA Denied radio broadcast licence by the Nigerian authorities, former Nigeria's ambassador to Spain and factional chairman of Alliance for Democracy, Yaro Yusuf Mamman yesterday, began test transmission of his *Jakada Radio International* on the short-wave (SW) band, to Africa. It broadcast from Spain. Initially, broadcasts will take place on Monday, Wednesday and Friday from 1900 to 1930 UT on 12125 kHz. (via Mike Barraclough/DX Listening Digest/Hauser-OK)

6145 SW *Radio Africa* (to Zimbabwe) via Meyer-ton, 1755, 2 May. Pop music, several IDs, economic report mentioning Mugabe etc, English. Fair at best but some splash from 6140 (Tony Rogers, Birmingham, BDXC-UK/DX Listening Digest/Hauser-OK) Finally I heard SW *Radio Africa* today, May 2nd, on 6145 kHz at 1820-1900. Splashed, but alone on the frequency until close down at 1900. Nice African music and Zimbabwe mentioned almost every minute! 73 from (Bjorn Fransson on the island of Gotland, Sweden/DX Listening Digest/Hauser-OK)

Voice of Oromo Liberation ceased transmission in Oromo/Amharic to EAF via WER 1700-1800 Wed, Fri, Sun on 15335 (Ivo and Angel! Observer, Bulgaria, May 14/DX Listening Digest/Hauser-OK)

CLANDESTINE—MIDEAST 9155 *Ashur Radio* (to Iraq) at 1710 May 5 in Assyrian (Neo-Aramaic) with folklore and "Jingle Bells" (!?! it was Easter Sunday for the Assyrian/Chaldean community, but in no case Christmas) then into commentaries mentioning Iraq. (Christian Mocanu, Romania, Cumbre DX/DX Listening Digest/Hauser-OK) Approximate schedule is 1600-1900. The Assyrian ID is something like: "Huna Sout Demokratiy Ashuria," translated to English: "Here is the Voice of the Democratic Assyrian." The Arabic ID is "Idhaat Ashurr" (Radio Assyria), and not "Iza'at Saut Azerbaijan" or "Huna Baku" which are used in the Arabic programs of R Dada Gorgud (Anker Petersen, Denmark, and Tarek Zeidan, Egypt, DSWCI DX Window April 24 via DXLD)

COLOMBIA 11950.52 harmonic (2x 5975.26), *Radio Autentica*, Villavicencio, first noted with M in Spanish around 0215 May 8, obviously religious program, back to regular programs at 0255 w/ads; by now I was on #swl and had Ralph Brandi tuned in, Ralph pegged two IDs as "Cadena Radial Autentica" just before TOH. Pretty weak with lots of adjacent splash (Al Quaglieri, NY + Ralph Brandi-NJ)

CONGO (KINSHASA) 9550 USB+carrier *Radio Okapi* 0304 Surprisingly strong signals from 0304 tune-in with non-stop African high life music, without any announcements. Co-channel to RHC. Occasionally equal in signal strength, but usually well under, and sometimes fading out completely. Hoping for an ID at TOH. Talk after 0400, but battling it out with RHC making it impossible to understand anything. Appears that reception was better at 0300. (Salmaniw May 12) 0304-0334 Heard with High-Life Dance music in vernaculars by groups, James Brown's "I feel so Nice" in English. Heard with only one ID at 0327 as 'Ici Okapi' in a jingle form. Numerous selections of High-Life Dance music followed, with one Rap tune in English (0332) Signal was quite readable dispute the strong presents of Cuba. Reception was best on the 5 mhz sloper beamed 60 degrees to Africa. (from my location) during sunset enhancement. Signal peaked at 0313 hours. (Kusalik, May 13/Cumbre DX/Fleming-NJ)

CONGO D.R.? Heard from here *Radio Lubumbashi* on 7435 on 4 May at around 1500 with long talk and debate in French and at 1600 program in vernacular; then at 1735 in French again with announcement mentioning Lubumbashi twice, then followed by long talk and African songs until 1835 and in vernacular again just after that and went off at 2105 after a short announcement and mentioning Lubumbashi. Still there when checked to-day at 1730 but the reception is very poor and noisy (Mahendra Vaghjee, Mauritius, 5 May 2002, hard-core-dx/DX Listening Digest/Hauser-OK) Some days close before 1900, sometimes continue longer. Splatters from 7440. Both sidebands and carrier. No ID heard so far. (Savolainen May 15)

ECUADOR 5900 *Radio Cosmopolita* (tent) 0115-0200, px some kind of manifestation, very active speaker but is was definitely not football. Maybe some kind of fiesta—poor reception (Eklblom May 11)

GEORGIA A contact in Tblisi confirms *Radio Khara* on 4540 and Russia is trying to jam it with a Mayak relay, which I guess is a military low power transmitter in AM mode. I heard Radio Khara irregularly tune in 1515 to past 1530 quite strong (Vlad Titarev, Ukraine via Wolfgang Bueschel, May World DX Club Contact/DX Listening Digest/Hauser-OK)

GUAM For A-02, morning services from *KTWR* are now listed:

2100-2200	Japanese	11690
2115-2200	Mandarin	12130
2200-2230	Indonesian	15195
2200-2300	Cantonese	15445
2200-2315	Mandarin	15585
2230-2300	Hakka	12105

(EDXP/Padula-AUS)

INDIA Summer A-02 schedule for *All India Radio*:

0000-0045	Tamil	4790 9835 9910 11740 11985 13795
0015-0100	Urdu	6155 9595
0045-0115	Sinhala	11985
0100-0130	Burmese	9950 13630
0100-0200	Sindhi	5990 7125 11790
0100-0200	Urdu	6155 9595 11620
0130-0200	Tibetan	9565 11900 13700
0130-0230	Nepali	3945 7250 9810 11715
0200-0430	Urdu	6155 9595 11620
0215-0300	Pashto	9845 9910 11735 13620
0300-0345	Dari	9845 9910 11735
0315-0415	Hindi	11835 13695 15075 15185 17715
0400-0430	Persian	13620 15770
0415-0430	Gujarati	15185 17715
0430-0530	Arabic	13620 15770 17845
0430-0530	Hindi	15075 15185 17715
0700-0800	Nepali	7250 9595 11850
0830-1130	Urdu	7250 9595 11620
0845-0945	Indonesian	15770 17510
1000-1100	English	11585 13695 15020 15260 17510 17800 17895
1115-1200	Thai	13645 15410 17740
1115-1215	Tamil	13695 15770 17810 17860
1145-1315	Chinese	11840 15795 17705
1215-1245	Telugu	13695 15770 17810
1215-1315	Burmese	11620 11710 15415
1215-1330	Tibetan	9575 11775
1230-1500	Sindhi	9620 11585
1300-1500	Sinhala	9820
1315-1415	Dari	7255 9910
1330-1430	Nepali	3945 6045 7410 11775
1330-1500	English	9690 11620 13710
1415-1530	Pashto	7255 9910
1430-1600	Urdu	3945 4860 6045
1500-1600	Baluchi	9620 11585
1515-1600	Gujarati	11620 15175
1515-1615	Swahili	13720 17670
1600-1730	Urdu	3945 4860 6045
1615-1715	Russian	11620 15140
1615-1730	Hindi	7410 12025 13720 13770 15075 17670
1615-1730	Persian	7115 9910
1730-1830	Malayalam	7115 12025
1730-1930	Urdu	4860 6045
1730-1945	Arabic	9910 13620
1745-1945	English	7410 11620 11935 13605 15075 15155 17670
1945-2030	French	9910 13605
1945-2045	Hindi	7410 11620
2045-2230	English	7150 9650 9910 11620 11715
2245-0045	English	9705 9950 11620 13605
2300-2400	Hindi	9910 11740 13795

(Ivo and Angel!, Observer, Bulgaria, May 17/DX Listening Digest/Hauser-OK)

INDONESIA I came across an unID on 3103.47, presumed to be from Indonesia. Had Koran at 0940 t/in, then what sounded like Eastern European folk music at 1000 (!). No announcements and the signal drifted up to 3103.95 in a 30 minute period. At first I thought it was a spur from the strong RRI Ternate, which also had Koran on 3345, but it became evident that it was definitely a different guy chanting. Lack of announcements suggest a non-RRI, and probably not as far to the west as Java or Sumatra, based on the early fade-in. (24/4). (Craig Seager, R75, 300m Bev., April 26, ARDXC/DX Listening Digest/Hauser-OK)

3264.7 **RRI Garontalo** Apr 29 1250-1315* Indonesian, Pops music. 1300 Jakarta news relay. 1315 ID and s/off. (Kouji Hashimoto/Japan Premium/Iwata Gaku-JPN)

4753.3 **RRI Makassar** Apr 29 1102-1111 Indonesian, Local news. ID at 2005amd 2010. (Kouji Hashimoto/Japan Premium/Iwata Gaku-JPN)

4925 **RRI Jambi** Apr 29 1235-1242 Indonesian, Talk. ID at 1238. (Kouji Hashimoto/Japan Premium/Iwata Gaku-JPN)

IRAN Some freqs changes for **VOIROI /IRIB/**: 0530-0627 Bosnian dropped 15084 1430-1527 Bengali NF 9520 and NF 12000, ex 9525 and 11995 1730-1827 German and 1830-1927 in French additional 15084 co-ch Persian sce!!! (Ivo and Angel! Observer, Bulgaria, April 30/DX Listening Digest/Hauser-OK) [I recall seeing a recent report that 9022 has been turned off for good. Sorry I can't find the item to reproduce here!-AQ]

ISRAEL Updated A-02 schedule for *Kol Israel* until October 6:

0100-0500	Hebrew	13580
0300-2115	Arabic	5915 12150
0330-0500	Hebrew	11590
0400-0415	English	9435 15640 17600
0500-0100	Hebrew	17535
0500-0515	French	15640 17545
0500-1800	Hebrew	15760
1000-1030	French	15640 17545
1030-1035	English	15640 17545
1200-1215	Bukharian	15640 17545
1215-1230	Georgian	15640 17545
1400-1500	Farsi	13850
1400-1500	Farsi	15640 17545 Fr/Sa
1400-1525	Farsi	13850
1400-1525	Farsi	15640 17545 Su-Th
1500-1525	Spanish	15640
1500-1525	Spanish	17545 17665
1530-1555	French	11605 15640 17545
1600-0330	Hebrew	11585
1600-1625	Yiddish	9435 15640 15650
1600-1630	English	15615 17545
1625-1635	Moghrabi	15640
1625-1645	Romanian	9435 15650
1635-1645	Spanish	15640

1645-1700	Hungarian	9435 15650
1645-1700	Ladino	15640
1700-1725	Yiddish	9435 15650
1730-1900	Russian	9435 11605
1800-0500	Hebrew	15760
1800-1845	Hebrew	15640
1900-1925	English	9435 11605 15615 16540 17575
1930-1945	French	9435 11605 15615 15640 17545
1945-2000	Spanish	9435 11605 15615 15640 17545
2000-2115	Hebrew	15640

(Ivo and Angel! Observer, Bulgaria, May 23/DX Listening Digest/Hauser-OK)

KOREA NORTH *Voice of Korea* to Eu noted on NF 15245v as follows:

1300-1356	English
1400-1456	French
1500-1556	English
1600-1656	French
1700-1756	Korean
1800-1856	Spanish
1900-1956	English
2000-2056	French
2100-2156	English
2200-2256	Spanish
2300-2356	Korean

//freq for all transmissions 13760 (Observer, Bulgaria, May 21/DX Listening Digest/Hauser-OK)

KYRGYZSTAN *Kyrgyz Radio 1* on 4010 kHz has been observed by a DXer in Tajikistan with a program in German at 1320-1330 on Monday 29 April. This is part of the Home Service. It is intended for the German minority in Kyrgyzstan (Bernd Trutenau, Lithuania, April 30, BC-DX/DX Listening Digest/Hauser-OK)

LESOTHO 4800: I phoned the Station Engineer Mr. Rametse who told me that they indeed plan to reactivate 4800. Apparently they are waiting for the spares and expect to be back on air before the end of May. He thought it was quaint that someone who does not speak Sotho is interested in his station. Please note that the telephone number given for Mr. Rametse (+266 323561) is the office line. His mobile number is +266 859636 (Vashek Korinek, RSA, DXplorer Apr 29 via BC-DX/DX Listening Digest/Hauser-OK)

MADAGASCAR 7130 *MBS*. 15 May at 1830. At times peaks up nicely with EE pops and MBS IDs. This time I heard myself them mentioning "84.4" in FF as Mahendra said earlier. This is strange, if they refer to FM frequency. Or do they use also "low-FM" there? (Jari Savolainen, Kuusankoski, Finland, May 16/DX Listening Digest/Hauser-OK)

Radio Madagascar remains on the air in quite unusual hours—occasionally I hear it after 2300, or

even after midnight. Traditional sources indicate sign-off at 1900. The word 'Madagascar' is repeated every now and then, so it's not Cameroon, definitely. On 9 May, heard the station after 1600, in vernacular. At re-check at 1713 there was news in French, with frequent mentions of the Republic of Madagascar (Vladimir Kovalenko, Tomsk, Russia, Signal May 14/DX Listening Digest/Hauser-OK)

RTM Madagascar has been on the air very late for several days now. Audible here past 2200. Heard on 5010 and sometimes also on 3287.5v. The opposition broadcast heard here in Finland on 7130 between 1700 and 1900. They have relayed FM-station MBS when I heard them. According to Mahendra they at times also relay other FM-stations of that area. I have not yet heard the 31mb frequency 9620 (ex-9685). Note that these frequencies may be jammed by RTM programming. 73 (Jari Savolainen, Kuusankoski, Finland, May 10, hard-core-dx/DX Listening Digest/Hauser-OK)

MALAWI Still no SW outlets active (Vashek Korinek, RSA, DSWCI DX Window May 8/DX Listening Digest/Hauser-OK)

MALTA A-02 *Voice of the Mediterranean*, English: Sun 0800-0900 9605; Daily except Sun 1730-1800 9605; daily exc Fri 1900-2000 12060. (David Crystal, 19125 Israel/DX Listening Digest/Hauser-OK)

MONGOLIA Transmitter on 4865 kHz still does operate. By the way, it constantly drifts between 4863 and 4867 kHz. Mongolia is back again on 4850 kHz, also used by CNR2 and All India Radio.

Noted their distorted signal on 7 May at 2340—it's the time when CNR already signed off, while AIR didn't start yet (Vladimir Kovalenko, Tomsk, Russia, Signal/DX Listening Digest/Hauser-OK)

Apparently 4850 kHz is used by the 1st Mongolian domestic program, rather than Khekh Tenger. I noted it parallel to LW frequencies. At 1100-1200 it relays Mongolian Service of the Voice of Russia (MIDXB No. 266—Fyodor Brazhnikov, Irkutsk, Russia, Signal/DX Listening Digest/Hauser-OK)

NAMIBIA The SW transmitters seem to be in a good working order again, all four freqs noted on Apr 28: 3270.1 (vernaculars sce.): 1600-0500 3290.1 (Afrikaans/German): 1600-0500 6060.05 (vernaculars sce.): 0500-1600 6175.0 (Afrikaans/German): 0500-1600 (Vashek Korinek, RSA, DXplorer Apr 29 via BC-DX/DX Listening Digest/Hauser-OK)

NETHERLANDS MADAGASCAR UPDATE 15 MAY 2002 from <http://www.rnw.nl/realradio/html/schedule.html> In order to conserve dwindling oil supplies, the authorities in Madagascar have rationed the use of diesel oil daily between 1500 and 1800 UT. Therefore until further notice, our Dutch transmission to South, East and NE Africa at 1630-1725 UTC is on the air with reduced power. 6020

kHz has been moved to Meyerton, South Africa, with 100 kW. The parallel frequency of 11655 kHz is still from Madagascar, but using 50 kW instead of 200 kW (via Ricky Leong, and Andy Sennitt, WORLD OF RADIO 1131/DX Listening Digest/Hauser-OK)

NEW ZEALAND Frequency Schedule from 5 May to 1 September 2002

0459-0658	11820
0659-1105	9885
1106-1305	11675
1306-1649	6095 occasional sports
1650-1750	6095
1751-1850	11725
1851-2215	15160
2216-0458	17675

(Adrian Sainsbury, RNZI, May 6/DX Listening Digest/Hauser-OK)

PERU 6537.3v UNID, 0743-0805 and 0825-0845, May 7. Transmission in Quechua. Local ads read by male and commentary. Incomprehensible ann. by female at 0752. Afterwards, very nice huaynos and sanjuanitos. At 0825+, only huaynos (non stop). 24422. Today, on May 8, I heard this station a few minutes ago, at 0915, with huaynos non stop on 6537.4. Rare hour for a Peru station on shortwave (Arnaldo Slaen, Argentine, DX LISTENING DIGEST) This could be Radiodifusora Huancabamba (Marcelo Tonolo, NY, Cumbre DX/DX Listening Digest/Hauser-OK)

6560.2 **Radio Comercial Huancabamba** 2340-0001* Mayo 4. Nueva emisora, ex—Radio Estación 2. Pensando en escuchar saludos para m a traves de Radio Estación 2 a la cual envié una carta solicitando, para esta fecha y hora algunos mensajes ante la realidad que era muy poco probable que me enviaran alguna confirmación, me encontré con esta nueva emisora presentando el programa: "Aires Huarinqueos" con música folclórica. "...En seal de prueba, ésta es Radio Comercial Huancabamba...", "...La radio de la nueva generacion, Radio Comercial Huancabamba..." El nico anuncio comercial fue del maestro curandero Santos Neira, además mencionando dirección en Calle Ayabaca 646, salida a las Huarinjas, en Huancabamba; dirección en la cual también atiende este curandero por lo que considero probable que haya adquirido la emisora pero hay que averiguar más ya que mencionaban al Federico Ibez, propietario de la RD Huancabamba y el cual al parecer también tena intereses en la R. Estación 2 (Rafael O. Rodríguez R., Santa Fé de Bogotá, Colombia, May 6, Conexión Digital/DX Listening Digest/Hauser-OK) [Apologies if any of the words here are wrong; this item came through with all accented letters deleted, and I had to reinsert them based on my limited fluency in Spanish. -RB]

13565.40, 21.4+ 22.4 2315, **Radio Ondas del Pacífico**. Ayabaca, I dare say. Very weak signal, readable (but only just) these two dates, not a trace the

following two nights. Was heard with male Djs and nice flutes. An ID is recorded, which clearly fits, but the signal to noise ratio is of a level that makes future examination giving nothing more. Not even with CoolEdit. This is a harmonic from 5782.7 where I can't hear them. Obviously it must be sunset in northern Peru if everything shall fit. (Johan Berglund, Sweden, SW Bulletin, translated by editor Thomas Nilsson/DX Listening Digest/Hauser-OK)

QATAR I have been searching around for Qatar BS, but hear nothing at all on the daytime 17 MHz freqs registered with the HFCC—i.e., 17880 0700-1300, 17795 1300-1700 and 17755 250 kW transmitter 0245- 2130. And band scans haven't produced anything either. I don't know -yet—where the evening frequency is registered (Noel R. Green, UK, BC-DX May 15 via DXLD)

I can't hear any of them, either. 7110 should be used between 1700- 2130, but even that is empty (Mauno Ritola, Finland, BC-DX May 15 via DXLD)

I cannot hear anything on 9695 after c0600, but think this would have faded by then if operating. There was a carrier on 17880 today c0655 but it went off before 0700 and no stn appeared. So, unless there is a fault at the station, it could mean another one has gone off SW.

I find the morning frequency is shown in the HFCC charts so, their schedule should be

500 kW	
0245-0700	9695
0700-1300	17880
1300-1700	17795
1700-2130	7110
250 kW	
0245-2130	17755

(Noel R. Green, UK, BC-DX May 16 via DXLD)

I can't hear any of them, either. 7110 should be used between 1700- 2130, but even that is empty (George Maroti, NY, Cumbre DX May 16/DX Listening Digest/Hauser-OK)

RUSSIA **Radio Alef** broadcasts Thursdays only via Armavir 100 kW, summer 1600-1700 on 7210, winter 1700-1800 on 7305.

Radio Gardarika broadcasts daily via St. Petersburg 200 kW, summer 1900-2130 on 7420, winter 2000-2230 on 5920. (Nikolai Rudnev-Russia)

Voice of Russia "Sodruzhestvo" special service for CIS and Baltic countries, in Russian, A02:

1300-1400	7370 9920
1400-1500	7315 7370 9820 9920 11830
1500-1600	7315 7370 9820 11830 15540
1600-1700	7315 7370 9820 9875 11830
1700-1800	7315 7370 9820 9875 12055 15540
1800-1900	7370 9820 12055

Voice of Russia World Service in Russian

0100-0200	9480 11720 11750 12060 12070 17565 17620 17660 17690
0200-0300	7330 9480 11720 11750 12060 12070 17565 17620 17650 17660 17690
1200-1300	7390 9745 9920 11640 13720 15470 15560
1300-1400	7330 9745 11640 15470 15560 17645
1500-1600	7350 12005 15560 17580
1700-1800	5950 7300 11630
1900-2000	5950 7370 9820 11630 11745 12055 15350 17685
2000-2100	5950 7370 7390 9450 9890 12000 12055

(Nikolai Rudnev-Russia)

6100 kHz: **Tuvinskoye Radio** (from Kyzyl) heard last time on Sunday, 21 April. Transmitter didn't operate since then (Vladimir Kovalenko, Tomsk, Russia, Signal May 9/DX Listening Digest/Hauser-OK)

SEYCHELLES Frequency change for **FEBA Radio** effective April 26: 1600-1700amharic; 1700-1800 Oromo/Tigrina NF 11625, ex 11640 to avoid V of Vietnam (Ivo and Angel! Observer, Bulgaria, April 30/DX Listening Digest/Hauser-OK)

SOUTH AFRICA 3280.009, 4 May 1805, **Radio Veritas** via Meyerton, South Africa can be heard almost every evening until cd 1900*. "Good evening to all of you. It's a wonderful evening here in Johannesburg." Sometimes mentions a box address with post number in South Africa but I can't hear what they say. Has been on air since May 1 and I heard them for the first time May 3. SA (Stig Adolfsson, Sweden, SW Bulletin, translated by editor Thomas Nilsson for DXLD/DX Listening Digest/Hauser-OK)

I tried to hear the new R. Veritas transmission via Meyerton on 3280 yesterday evening as conditions were good to Africa here but no luck. So I checked with the station. Patrick Rogers (Executive Producer) has confirmed they are now on the air:

"YES WE HAVE BEEN BROADCASTING SINCE FIRST MAY, FOUR HOURS A DAY, 12-1pm and 6-9pm" [S African time = 1000-1100 UT and 1600-1900 UT] "THE FIRST HOUR IS ON 7.24 MHz AND EVENINGS ARE ON 3.28 MHz...TRANSMITTERS ARE LOCATED AT MEYERTON ABT 60 KMS SOUTH OF JOHANNESBURG. CAN YU SAY HOW CLEARLY YU RECEIVE SIGNAL? REGARDS PAT ROGERS, EXEC PRODUCER."

Both 3280 and 7240 Meyerton transmitters are listed as 100 kW (Alan Pennington, BDXC-UK, Caversham UK, May 10/DX Listening Digest/Hauser-OK)

UGANDA As you may be aware I make a nightly scan of the 60 metre Tropical Band. All the usually signals were present this evening with the exception of **Radio Uganda**. Radio Uganda's signal on 4975.97 kHz is usually the strongest African signal on the 60 metre band here in the evenings, but the

is absolutely no sign of it this evening. Obviously nothing to do with conditions as all the other African signals are present. Also, no trace of a carrier noted on Uganda's other frequency 5026 kHz, although this is not always as easy to here as 4975.97 kHz. I will advise when Radio Uganda's signal on 4975.97 kHz returns. Cheers (Graham Powell, May 14, Webmaster for the Online DX Logbook and 21 MHz.Com. Full details available at: <http://www.shortwave.org.uk> via DX Listening Digest/Hauser-OK)

UNITED STATES OF AMERICA 7489.95, **WJIE**, ex-WJCR, extremely poor signal, apparently a transmitter problem, 0625-0700 May 3, almost all Christian vocals, program host Jason Brock, quick vocal "WJIE" ID 0625, weather at 0633, program notes at 0650, also promo for Avalon 02 CD, "88.5 WJIE" ID. Succumbed to sudden fried eggs QRM at 0657, cleared up a few mins later but signal the same. Tried their live internet audio but it locked up my browser.

Follow-up to earlier WJIE item: Per Larry Baysinger, the reason reception is so poor right now is that the transmitter took a lightning hit less than eight hours after coming back on at full power. The same storm blew down the FM receiving antenna with which they were feeding programming from Louisville to the site at Upton. Larry has been working all week on repairs while running just the exciter into the antenna about 100 watts (Jerry Berg, MA, DXplorer May 3 via BC-DX/DX Listening Digest/Hauser-OK)

This would lead me to believe that WJIE-Shortwave gets its programming off the air from its FM station just by tuning a receiver to the FM's signal, and feeding the audio to the shortwave transmitter. Given the "capture ratio" effect of FM reception, it would seem one could drive close to the shortwave transmitter site with a small FM transmitter tuned to the WJIE-FM frequency and perhaps a yagi as a transmit antenna, and OVERRIDE the program signal from WJIE-FM, putting your audio on the shortwave transmitter. Not much security at all, if it is that easy to override. I must be missing something. On the other hand, if you hear the new Elvis Costello CD on WJIE shortwave some evening (Brock Whaley, Atlanta/DX Listening Digest/Hauser-OK)

"FM" could be used loosely also to refer to 900-MHz (or whatever) band STL, tho an initial temp FM-band relay of WJIE could be the intention. They do plan to run separate programming on SW. Overriding the STL, at whatever frequency, is a pirate/ clandestine technique which occasionally happens; the 900 MHz band STLs are just as insecure, tho fewer people may know about this (Glenn Hauser/DX Listening Digest)

WJIE has a website; it is <http://www.wjiesw.com/> (Hans Johnson, FL, May 8, Cum-

bre DX via DXLD) Not much there yet; claims two 50 kW transmitters, now on the air and receiving reports from overseas, but inaudible here on 7490 (Glenn Hauser, OK/DX Listening Digest)

ZIMBABWE [non]. MADAGASCAR 7310.72, 0328- May 19, Voice of People. Again off frequency (first noted on 18 May). Carrier on a little earlier than usual tonight at 0328:15. Into usual sign on signature tune at 0330:05 and with clearly heard ID as "The is Radio Voice of the People". No contact information given during the opening minutes. Better than average reception. Being on the high side makes LSB preferable. All in English with political commentaries (Walt Salmaniw, Victoria, BC/DX Listening Digest/Hauser-OK) The ID by far and large is "Radio VOP," although every now and then "Radio Voice of People" is also announced. By the way, a strange choice of the new evening freq of 7215: the broadcast suffers significantly from a het from Angola on 7216.84 here (Vashek Korinek, RSA, DXplorer Apr 29 via BC-DX/DX Listening Digest/Hauser-OK)

Both 5975 and 6045 seem to be on 24 hours a day (Vashek Korinek, RSA, DXplorer Apr 29 via BC-DX/DX Listening Digest/Hauser-OK)

UNIDENTIFIED 5499.26 unID LA, unknown QTH (Peru or Ecuador?): May 4 2002 -1855 UT. This is the second time they have been on air. Through a "special preview" members of SWB got an alarm when the station was heard for the first time April 25. That time with mainly Ecuadorian, nonstop music without any talk. I also noted "presumably Ecuador." This time nonstop Peruvian, instrumental fiesta music without any talk until close down 0038 UT (April 25 cd 0045 UT). Maybe a border station in northern Per or southern Ecuador? Test transmission? Maybe a rented transmitter for a private party? Read what our member Henrik Klemetz/HK writes: "Sign on and sign off times is a variable affair with some of the smaller Peruvians. If nonstop music is heard beyond "regular" schedule, it's probably that someone has paid for a couple of hours of "background music" for a private event, a birthday party, a wedding anniversary, or whatever. The next morning, such a station will typically sign on much later than usual, if at all" (Henrik Klemetz, Sweden, SWB 1482 via Dplorer, DSWCI DX Window Mar 27/ DX Listening Digest/Hauser-OK)


The listed station "Radio Regional," Celendn on 5500.6v kHz is located in northern Per. If somebody manage to hear nonstop music on the frequency it might be a good idea to send a tape recording to Radio Regional.

There has been an LA testing on 5674.88 kHz during the last week. The DJ sometimes includes a "hola, hola," whistles and knockings on the microphone. Also neutral music which I can't recognize. Sometimes I can recognize the voice of the male DJ—if I am right it might be "Nueva Juventud," the Colombian pirate testing—recently heard around 5588.31 kHz (Bjrn Malm, Quito, Ecuador, SW Bulletin May 19, translated by editor Thomas Nilsson/DX Listening Digest/Hauser-OK)

6036.76, unID LA, unknown QTH. May 2002—2355cd UT. I have had this one as an "unID carrier" for a while due to utterly weak modulation. I have now heard that it is a LA station with Spanish. Henrik Klemetz/HK suggests "Trópico" in Bolivia. Not unlikely when "Trópico" according to Henrik closed down at about the same time as my unID when it earlier was on 4552v kHz. My unID has most of the time a female DJ and from what I remember "Trópico" on 4552v always had a female DJ. Finally, what is the name of the station: LV del... Radio Difusora...or Radio Trópico? (Bjorn Malm, Quito, Ecuador, SW Bulletin May 19, translated by editor Thomas Nilsson for DXLD)

A strange Arabic utility station noted on 9235 kHz USB in the evening, they play music between the calls (Mauno Ritola, Finland, Signal May 9/DX Listening Digest/Hauser-OK)

There is a strong, very distorted Spanish Language station on 11356 May 19 at 2110. I think the audio is just good enough with a wide audio bandwidth setting, for a Spanish speaker to ID (David Hodgson, TN/DX Listening Digest/Hauser-OK)

11945.27, carrier here from before 2300 May 11 to close around 0150. Very strong, and while at first I thought that from the overall quality an Asian location was indicated, it got steadier as time went on, so maybe from somewhere else. I have hrd this before on this channel at arnd the same time, always just a carrier and always powerful. Who? (Jerry Berg, MA, NASWA Flashsheet/DX Listening Digest/Hauser-OK) 

FOR SALE: FRENDX/Journal complete for the years 1983 to 1994. \$9.00 a year or \$90.00 for all. Glen Hauser's DXLD, 21 issues, June 1988 to December 1994. \$15.00 for all. PWBR, 1997, 2000, and 2001 editions, \$10.00 each. All items post paid in USA. Cashiers check or money orders only. No personal checks, please! Paul Brouillette, 611 Illinois Street, Geneva, IL 60134. Phone (630) 208-6406.

Pirate Radio Report

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Hi and welcome to the June Edition of The Pirate Radio Report. Sorry I missed last month's issue but my computer died just as I was half way through the column. Darn XP! Anyway I'm back with the Windows Millennium Edition and everything is working OK!

Pirate Radio Popularity Poll!

Don't forget to send in your vote for the best and worst pirates that operated during 2001. I will tabulate the votes in time for the August issue of the *Pirate Radio Report*.

Pirate Hunting Grounds

Every now and then I'll get a letter from a member wanting to know where to look for pirate activity. Since we have a little extra space this month I'll give you a few tips:

Frequencies: Most of the North American pirate activity is currently heard on three frequencies: 6925, 6950, and 6955 kHz. Pirates are most active during the late afternoon and evening hours, but some stations such as Alan Maxwell's **KIPM** can run all night into the next morning. The majority of stations broadcast in Upper Side Band [USB] mode but some, notably the **WHYP** variety of stations use the AM mode quite frequently.

Europirates: The traditional Europirate band is from 6200-6400 kHz along with 7300-7500 kHz and the traditional time for their transmissions is during the Sunday morning period from 0700-1200 UTC. This has changed. Some stations now occasionally sign on earlier so they can be heard in North America, especially during the winter months.

Also, the Dutch pirate **Alfa Lima International** has made extensive use of the frequency of 15070 kHz during the past year. This can be heard here in late afternoons around 2200 UTC up and through 0700 UTC.

Several stations have been using the 21880-21890 frequency range during the weekend mornings and early afternoons, including **Alfa Lima International**, **Radio Cupido**, **ROZ** and others, mostly from Holland. Most Europirates broadcast in the AM mode.

Now, let's get to the loggings....

Alfa Lima International. This Dutch pirate was logged on 6288/15070 kHz on May 4th with good signals from 2200 to past 0700 on May 5th. The 48 meter band frequency even made a brief appearance with audio around 0030. [Hodgson-TN] Alfa Lima was also heard by Ralph Brandi on May 9th on 15070 kHz at 0604 UTC and they were also noted on 21890 kHz on April 14th at 1458 UTC with Techno-Music. [Brandi-NJ]

Laser Hot Hits. The Irish pirate was logged on May 1st at 0428 UTC with an ad of something you can buy from LHH with an address in Merlin, Ontario, Canada. This at 0432 UTC. [Brandi-NJ]

Radio Bandonica? This Dutch pirate was presumed to be the station heard on 11485 kHz at 0600. The announcer did not sound like Bandonica, so it could have been a relay of it. [Hodgson-TN]



United Patriot Militia Bingo. This WHYP spinoff was heard on May 11th apparently following a WHYP program with the usual station IDs, Steve Anderson Spoofs, etc. on 6951 kHz. [D'Angelo-PA]

WHYP-The James Brownyard Memorial Station. Host James Brownyard was talking about lake effect snows in Bradford, PA. Good signal on 6951 kHz at 0216 UTC on May 11th. [D'Angelo-PA]

Wreckin' Radio International. This English Europirate is seldom heard because of its low power and operating hours. They were tentatively noted on 12256.69 with what sounded like disco music on May 5th around 0609 UTC. [Hodgson-TN]

QSL Report

Sam Barto • 47 Prospect Place • Bristol, CT 06010

	CERTIFICADO DE SINTONÍA NOSOTROS LE DAMOS GRACIAS POR SU INFORME DE RECEPCIÓN Per este medio reconocemos la sintonía de <u>JERRY AND CHRIS KLINCK</u>	ANTIGUA: Deutsche Welle 17810 f/d "Stuttgart" cd. in 6 wk. (Barto-CT). 12045 same cd. in 5 wk. (Barto-CT).
	De la emisora Radio Litoral, 1191.0, 4330 KHz., banda internacional de 60 metros	ARMENIA: Voice of America * 11790 via Yerevan f/d cd. in 15 ds v/s John Vodenik. (Glotzbach-NM).
	En el día <u>15 de Octubre del 2001</u> <u>Mike Moran</u> Firma de Gerente <u>14 de Mayo del 2002</u> Fecha	 Misión Comunion Cristiana De Honduras

ASCENSION ISLAND: Radio Japan 21630 via English Bay
 f/d "Old Man w/ Goat" cd. in 2 mo. w/ schedule &
 sticker. (Barto-CT).

ASIATIC RUSSIA: Voice of Russia 12010 via Komsomol'sk 'Amure f/d cd.
 in 141 ds. after a f/up rpt. (Klinck-NY). 13665 via **Petropavlovsk -**

08.03.2002

A PRIORITAIRE PAR AVION

ISLAND 17810

We thank you for your reception report and are pleased to confirm that you have heard our station on 02.03.2002 at 141-1440 on 13865 kHz

Scott R. Barbour Jr.
 P.O. Box 893
 Intervale, NH 03845
 U.S.A.

Shorely yours,
Rikisuta Espid

IN ISLAND NATIONAL BROADCASTING SERVICE
 RADIOVARIED 1534001 1-130 REYKJAVIK

* **Rossii 4485 via Ufa p/d**
 ltr. in RS w/ VOR WS sked.
 in RS in 3 mo. (Barto-CT).

AUSTRIA: Radio Africa International 17895 via Moosbrunn f/d cd. in 29 ds. for \$1.00. v/s Donna Niemann and Raphael Mbadanga. (Barbour-NH). f/d cd. in 2 mo. v/s Cornelia Mauser. (Barto). 9535 f/d cd. in 7 wks. w/ schedule. (Barto). **Radio Austria International 7325 via Moosbrunn f/d**

cd. w/ ltr. and schedule after a f/up rpt. in 163 ds. (Klinck-NY).

BELARUS: Radio Minsk 6040 via Hrodna cd. w/ calendar, schedule, station history and 2 stickers in 43 ds. (Glotzbach-NM). **Radio Stalitsa via Belarussian Radio One 7210 and 6115 via Kalodziscy f/d cd.** w/ calendar and schedule in 2 mo. (Barto). 6010 via **Brest f/d cd.** in 2 mo. w/ sticker. (Barto-CT).

BRASIL: Radio Trans Mundial 9530, 5965 and 11735.3 f/d cd. w/ ltr. and 4 bookmarkers in 7 wks. for a PT rpt. (Barto-CT).

CANADA: Radio Japan 6110 via Sackville f/d "Balmy Spring in Shirakawa" cd. w/ sked. postcards and calendar in 5 wks. (Barto).

CHINA, PEOPLE'S REPUBLIC OF: Yunnan People's Broadcasting Station 6937 via Kunming personal ltr. w/ sked. in EG in 43 ds. (Glotzbach-NM). **China Radio International 11650 and 13685 f/d "Gardens of Suzhou Jiangsu" cd.** in 5 wks. (Barto).

• EDXC, C.P. 18120, 50129 FIRENZE, ITALY
 • WRMI, P.O. BOX 526052, MIAMI, FL 33152, USA

QSL

Feb. 23rd, 2002 (23/118)
 We confirm your reception report for the
 EDXC - WRMI special broadcast on
 Feb. 23, 2002
 - December 12th 2001 at 0846 UTC
 on 9660 kHz via AWK Antenna etc.
 Thank you for your report and best
 dx!

Scott R. Barbour Jr.
P.O. Box 893
Intervale NH
03845 USA

RADIO SANTEC
DAS WORT-
DIE KOSMISCHE WELLE
DER UNIVERSELLE GEIST

QSL-CARD Number:

Thank you for your reception report of our transmission.

to: 3 via Arica 2002
on: 12.01.2002 - 18:24 UTC
at: 11.870 kHz
freq.: 11.870 kHz
which is in accordance with our schedule.
We hope that you will continue to enjoy our programs.

REMARKS:

Listen to us via Internet:
www.radio-santec.com
e-mail: radio@santec.com

RADIO SANTEC, Marconi L, D-47070 Wilhelmsberg
Telefon: 0911/993-264, Fax: 0911/993-145
Bartener Hochfrequenz-Werkzeugbau, D-47129 IJH, 043 99 99 99

Mr. Scott Barbour Jr.
P-O-Box 893
Intervale, N.H.
03845 USA

9785 and 7360 f/d cd. in 2 mo. w/ schedule and paper cuts. (Barto). 11760 f/d "Mount Taishan, Shandong" cd. in 2½ mo. (Barto). 11880 and 9665 f/d "Palace Museum" cd. w/ paper cut in 1½ mo. (Barto). 15100 & 15260 via Xian f/d "Suzhou Gardens" cd. in 7 wks. (Barto). 11650 and 15210 f/d "Stone Forest" cd. in 2 mo. (Barto). 11845 f/d "Mount Huangshan, Anhui" cd. in 7 wks. (Barto). China National Radio 6200 f/d "Mount Taishan" cd. in 1½ mo. (Barto).

CLANDESTINE: Radio Voice of Hope
* 12060 via Talata, Malagasy p/d

e-mail in 6 wks. v/s Rev. Alapayo Manyang, Managing Editor. I don't know if this station should be considered a religious broadcaster or a clandestine station. From what I've heard it sounds to be a little of both. Like Salama Radio International and others, there are religious programs mixed in with news and social commentary. (Craighead-KS) Voice of Oromo Liberation 15715 via DTK Julich f/d ltr. in 1 mo. (Barto). Voice of Ethiopian Medhin 15670 f/d ltr.

Salama Radio International

Huangshan, Anhui cd. in 9 wks. (Barto-CT).
CYPRUS: Trans World Radio 7350 f/d cd. w/ site in 2 mo. Schedule rcvd. (Barto-CT).



in 1 mo. w/ photo from DTK Julich. (Barto-CT).

CUBA: China Radio International

17720 f/d "Mount

ECUADOR: Radio Maria del Ecuador 3279.5 via La Voz del Napo f/d ltr. w/ cd. and station pennant in 5 wks. for a SP rpt. v/s Wilber Ianguila, Director. (Barto-CT).

ENGLAND: Voice of America 17605 via Rampisham * f/d cd. in 15 ds. (Glotzbach). Salama Radio International 15475 f/d ltr. w/ sticker and schedule in 9 wks. v/s Dr. Jacob Abdulla, Chairman. (Barto-CT).

EUROPEAN RUSSIA: Voice of Russia 9775 via Moscow f/d cd. "Monument to Alexander Pushkin" w/ schedule and sticker w/ personal ltr. in 43 ds. for 1 IRC. v/s Ms. Olga Troshina, English Service. (Barbour). f/d cd. in 50 ds. (Klinck-NY). f/d "Kremlin" cd. in 1½ mo. (Barto). 7250 via Krasnodar f/d "People's Friendship Fountain" cd. in 5 wks. (Barto). Radio Rossii 7365 via Krasnodar p/d ltr. w/ schedule in RS in 3 mo. (Barto). 5910, 5920, 6115 and 7380 p/d ltr. in RS in 3 mo. (Barto-CT).

FRANCE: China Radio International 6150 via Issoudun f/d "Chende Mountain Resort" cd. in 2 mo. (Barto).

Dear listener, Jerry Klinck

We verify your reception report

Date: December 5th 2001

Time: 05:10 - 05:41 UTC

Frequency: 15.105 kHz

Transmitter: via Samara-city

VOICE OF TATARSTAN

QSL Manager: WES (Ildus Ibatullin)



QSL CARD

Confirmação Oficial de Recepção

RADIO GAÚCHA

Sr. Jerry Klinck, U.S.A.:

Temos o prazer de confirmar a informação de escuta

do dia: 12 Janeiro, 2002 na frequência de

11.915 kHz, das 02.44 - 03.02 hrs (UTC).

Potência do emissor: 3,5 kw.

7/10 kw.

Sinceros agradecimentos,

oficial

Gilberto

oficial
seal

GERMANY (West): Deutsche

Welle 9545 via Werta-

chtal f/d "Schwerin"

cd. in 5 wks. (Barto).

21665 f/d "Digital

Radio Mondiale" cd. in

5 wks. (Barto). 9715

f/d "Berlin" cd. in

6 wks. (Barto). WYFR

13855 via DTK Julich

f/d cd. w/ site in 5

wks. (Craighead). RTBF

17570 via DTK Julich

f/d ltr. in 1 mo. (Ba-

rto). United Metho-

dist Church 11645 and



All illustrations are from Scott Barbour.

GUAM: KTWR Trans World Radio 15330 via Merizzo f/d "Mount Schroeder" cd. w/ schedule and personal ltr. in 2 mo. for ms. v/s George Ross, Frequency Coordinator. (Barbour). 9910 same cd. in 7 wks. (Barto). 12130, 7455 and 9910 f/d cd. in 2 mo. w/ schedule. (Barto). 12130 and 7455 f/d cd. w/ schedule in 7 wks. (Barto-CT).

GUATEMALA: Radio Amistad 4698.7 f/d ltr. w/ certificate, postcard and religious info. in 1 mo. for a SP rpt. (Barto-CT).

HONDURAS: Radio Litoral 4830 f/d cd. w/ religious info., business card and a 3 page SP form ltr. in 94 ds. for EG rpt. and \$1.00. v/s Mateo McCollum Gerente. (Barbour-NH). in 165 ds. w/ cd. and same 3 page ltr. (Glotzbach).

IRAN: Voice of the Islamic

Republic of Iran 15545 and 9895 ltr. w/ cd. in 7 wks. (Barto). 9805, 7100 and 7205 p/d ltr. w/ cd. in 7 wks. (Barto). 7235, 9710 and 6100 ltr. w/ cd. and brochures in 7 wks. (Barto). 13750, 9860, 7115 and 6200 f/d "Khaju Bridge" cd. w/ personal ltr. and 5 large books on Islam. (Barto-CT).

ITALY: Radio Europe 7306 f/d cd. in 6 wks. v/s Dario Monferini. (Barto).

* Reception was for the special SWL Winterfest in March... Sam.
KOREA, REPUBLIC OF: Radio Korea International 9560 via Kimje f/d "World Cup Fountain" cd. w/ schedule, sticker and rpt. forms in 56 ds. for 1 IRC. This was after a f/up rpt. (Barbour-NH).

MALAGASY REPUBLIC: Radio Nederland 15595 f/d cd in 3 mo. (Barto). 17580 and 21480 f/d "Light Dances in the Meadows" cd. in 2½ mo. (Barto-CT).

MONGOLIA: Voice of Mongolia

12085 via Ulaanbaatar f/d "Bandan Temple" cd. w/ personal ltr. and station info. sheet in 28 ds. for 2 IRCS. v/s David O'Connor. (Barbour-NH).

MOROCCO: Voice of America
 9600 and 9680 f/d "Morocco Transmitting Station" cd. in 5 wks. (Barto) 17795 same cd. in 3 wks. (Barto). 17795 f/d cd. in 1 mo. w/ a great personal note from John Vodenik. Hi John... Sam. 15290 f/d



9535 via DTK Julich f/d ltr in 1 mo. (Barto). 11735 f/d ltr. in 5 wks. (Barto). **Bay-erischer Rundfunk** 6085 via **Ismaring** f/d "Logo" cd. w/ sticker, schedule and a "Radio Zeitung" program guide in 21 ds. for 1 IRC. (Barbour). **High Adventure Ministries** 9815 and 15715 via DTK Julich f/d "Globe w/ Logo" cd. w/ schedule, brochures and religious materials in 42 ds. for \$1.00 QSL was sent from Ontario. (Barbour).

GERMANY (East): Deutsche Welle via Nauen f/d cd. in 2 mo. (Barto-CT).

ELWA RADIO - RECEPTION VERIFICATION

Station: ELWA Radio, Monrovia, Liberia, West Africa

Frequency: 4760 kHz on the 60 meter short wave
 Transmission power: 1000 watts (1 kilo watt)
 Time: 0600 - 0830 GMT and from 17:30 - 22:00 GMT

We are delighted to verify your report on the reception of ELWA Radio. Your report is correct. We are a Christian radio station operation from Monrovia, the capital of Liberia on the West Coast of Africa. Thank you for your reception report. May God bless you mightily.

Signed: Mose T. Nyantee
 Station Manager

Sangbah Borkay
 Chief Technician

WYFR Okcechobee, Florida U.S.A.



Bringing the Good News to the World from Family Radio: The Sound of the New Life.

"Morocco" cd. in 3 wks. (Barto).

NEW ZEALAND: Radio New Zealand International 15340 via Rangitaiki f/d "Moon Crater" cd. (stamped) w/ schedule, stickers and tourist info. in 46 ds. for 2 IRCs after a f/ up rpt. (Barbour-NH).

NORWAY: Radio Denmark 18950 and 13800 via Sveio f/d cd. in 1 mo. (Barto). 15735 via Kvitsoy f/d cd. in 1 mo. (Barto).

PHILIPPINES: Radio Blagovst * 9660 via Radio Veritas Asia f/d cd. for this

All illustrations are from Scott Barbour.

RS language religious transmission in 1 1/2 mo. Schedule and postcard rcvd. (Barto). Radio Pilipinas 15190 via Tinang f/d cd. w/ sticker, schedule and a personal ltr. in 101 ds. for 2 IRCs. v/s Tanny V. Rodriguez, Station Manager. (Barbour). Voice of America 11965 via Tinang f/d "Sao Tome" cd. in 3 wks. (Barto). 9530 f/d "Saipan" cd. in 5 wks. (Barto). 9680 f/d "Morocco" cd. in 5 wks. (Barto). 11805 f/d "Udorn" cd. in 1 1/2 mo. (Barto). 11895 f/d "Sao Tome" cd. in 1 mo. (Barto). 15205 f/d cd. in 6 wks. (Barto)...John, am I keeping you busy?...Sam.

POLAND: Radio Polonia 6040, 7180 and 7165 f/d "Warsaw" cd. w/ sticker and schedule in 7 wks. (Barto).

PORTUGAL: RDP International 17745, 21655 and 21830 f/d "Lisbon Hills" cd. w/ schedule and ltr. in 26 ds. for 1 IRC. v/s Teresa Beatriz Abreu. (Barbour-NH). Deutsche Welle 12000 via Sines f/d cd. in 6 wks. (Barto).

ROMANIA: Radio Romania International 17720 via Bucharest f/d "Peles Castle" cd. w/ schedule and program guide in 63 ds. for 1 IRC. (Barbour).



RWANDA: Deutsche Welle 11795 via Kigali f/d "Berlin" cd. in 5 wks. (Barto).

SINGAPORE: Radio Nederland 11690 via Kranji f/d "Dutch Morning" cd. w/ schedule in 2 1/2 mo. (Barbour-NH).

SRI LANKA: Radio Japan 11880 via Ekala f/d "Old Man w/ Goat" cd. w/ schedule, sticker, post card and a pocket calendar in 1 1/2 mo. (Barto). Deutsche Welle 12045 via Trincomalee f/d cd. in 6 wks. (Barto).

SWEDEN: Radio Sweden International 18960 and 17505 via Horby f/d "Bronze Head" cd. in 1 mo w/ schedule. (Barto). 21530, 21810 and 18960 f/d "Warship Wasa" cd. in 1 mo. (Barto).

TAIWAN: WSHB 17635 f/d "Antenna" cd. in 1 1/2 mo. (Barto).

TINIAN: Radio Australia 21780 f/d "NTA" cd. in 2 mo. w/ schedule. (Barto).



Voice International Ltd

Site address:
Cox Peninsula Transmitter Site
Via Darwin NT 0800
Australia

Power:
250 kW

Antenna:
4 x 4 curtain array

Postal address:
PMB 5777
Darwin NT 0801
Australia

Email address:
Dzer@ivl.com.au

Web Site:
www.ivl.com.au

7 March 2002

Dear Scott

Thank you for your reception report as detailed -

Date 8 February 2002
Frequency 21650 kHz
Time 0138 - 0159 UTC

We are happy to confirm our transmission as noted in your reception report.

Christian Voice (Australia) Ltd has had a name change to Voice International. Our broadcast centre in Australia is now producing a lot of our own programmes specifically for our target areas in the Asia Region. Previously, all of our programming was from the UK as the Voice International African Service.

Thank you for your interest.

Regards

Mrs Lorna Manning
Site Administrator



Radio Minsk



National Democratic Front of South Korea

The Voice of National Salvation



Korean Program

(Korean)Time: 05:00-10:00, 12:00-16:00, 19:00-02:00
Frequency: SW 3.480Mhz, 4.400Mhz, 4.450Mhz, 4.557Mhz
MW 1,053Khz
Time: 9:00-21:00
Frequency: SW 6.910Mhz

English Program

(Korean)Time: 09:30-10:00
Frequency: SW 3.480Mhz, 4.400Mhz, 4.450Mhz, 4.557Mhz
MW 1,053Khz

TURKMENISTAN: Turkmen

* **Radio** 5015 p/d ltr. in 50 ds. for \$1.00 Schedule rcvd. v/s Kakali Garaev, Chief of the Technical Department. He stated that I heard "The Voice of Neutral Independent Turkmenistan". (D'Angelo-PA).

UKRAINE: Radio Ukraine

11770 via Kharkov cd. in 419 ds. (Glotzbach)

USA: Voice of America

9350 (LSB) QSL in 12 ds. for Special Broadcast for the 50th Anniversary of the Japan SW Club. (Glotzbach). **Remnants Hope Ministry** 7415 via **WBCQ** f/d "The Planet" cd. in 3 wks. (Barto).

USA (Pirates): KIPM 6925 f/d colored poster sheet w/ CD list in 5 wks (Barto). **WLIS** 6955 verified a rpt. that apparently appeared in either ACE of the Free Radio Weekly electronic publication in about 150 ds. (D'Angelo-PA).

VATICAN: Radio Vatican 13765, 17515 and 15570 f/d cd. w/ schedule in * 5 wks. (Barto). **Voice of Charity** 11715 via **Radio Vatican** freq. only ltr. via the Lebanon address in 23 ds. for \$1.00. v/s Father Elie Nakhoul. (Barbour).

VIETNAM: Voice of Vietnam 6175 f/d cd. in 5 mo. w/ schedule for ms. (McGuire). 5035 and 6135 via **Xuan Mai** e-mail reply in 79 ds. from Phong Tieng Anh after a f/up rpt. (D'Angelo). (Glotzbach),

YEMEN: Republic of Yemen Radio 9780 f/d cd. w/ certificate in 206 ds.

We have two more QSLs that are much too good to hold over to the next QSL Column. Both are from Richard D'Angelo.

PERU: Radio San Antonio 3375 2 page personal ltr. w/ prepared cd. both signed and stamped in 34 ds. v/s Hno. Rolando A. Del Carpio Montalvo, Director. Verie pleased w/ this one. (D'Angelo).



한국민족민주전선
NATIONAL DEMOCRATIC FRONT OF SOUTH KOREA

March 15, 2002
Seoul

Dear Mr. Richard A. D'Angelo,
We are pleased to inform you that we have received your reception report and letter dated Jan.31. 2002.

We highly appreciate your positive effort to contact with us. Your kind cooperation constitutes a great encouragement to and solidarity with us who are struggling for independence and democracy of the South Korean society and for national reunification of the Korean Peninsula.

We express our hope that you make every effort to introduce our "Voice of National Salvation" to the American progressive parties and forces including Communist Party and the Workers World Party to send active support and solidarity to the South Korean people's patriotic just struggle.

The "Voice of National Salvation" aired by NDFSK is broadcast at 05:00-10:00, 12:00-16:00 and 19:00-02:00 (Korean time) on 3.480Mhz, 4.400Mhz, 4.450Mhz and 4.557Mhz in short wave and on 1,053Khz in medium wave and at 19:00-21:00 on 6.010Mhz in short wave.

The English-language program is aired at 09:30-10:00 (Korean time) on 3.480Mhz, 4.400Mhz, 4.450Mhz and 4.557Mhz and on 1,053Khz.

We are looking forward to your further attention and assistance.

Best regards,

Editorial Staff of the "Voice of National Salvation"
National Democratic Front of South Korea

CLANDESTINE: Voice of National Salvation 3481 n/d

schedule cd. w/ p/d ltr. in 83 ds. for a rpt. to: National Democratic Front of South Korea, Grenier Osawa 107, 40 Nando-cho, Shinjuku-ku, Tokyo, Japan (D'Angelo)...Great QSL. Now your going to get all of their newspapers every month. like I do...Sam.

Short QSL Column this month but filled with some great QSLs. See you next time.

Sam

Congratulations to Rich D'Angelo's daughter Jen for being named to the Big East Rookie Team in softball. Jen plays for UCONN.



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
Sean BARBOUR, NH	ATS 818, RS antenna system
Jerry BERG, Lexington, MA	R8A 165' LW
Ralph BRANDI, Tinton Falls, NJ	AOR7030, R8, 250' longwire
Paul BROUILLETTE, Geneva, IL	Drake R8, ICF2010, 60' long wire
Peter COSTELLO, Matawan, NJ	AR3030 DX-390 YB400 70' LW Tun-4A
Rich D'ANGELO, Wyomissing, PA	Drake R8B, Lowe HF-150, DX Sloper
Mark HUMENYK, Weston, ONT	Magnavox D-2935 AN-60 DX SWL sloper
Jerry LINEBACK, Scranton, KS	Icom 746 beverage antennas
Jack LINONIS, w. Middlesex, PA	DX375, DX160A, NCX20, 65' LW Sloper
William McGUIRE, Cheverly, MD	DX-380
Bob MONTGOMERY, Levittown, PA	NRD535D, R390A, RX-320, HF150, SE3, active antenna
Sheryl PASZKIEWICZ, Manitowoc, WI	Sony 2010
Al QUAGLIERI, Albany, NY	R8A 120' Zepp
Earl URBELIS, Kings Park, NY	Kenwood TS940, Yaesu FT-980, Antron 99 ant.
Gerald WITHAM, Keaau, HI	R8, 185' split LW, ANC-4
Dan ZIOLKOWSKI, Franklin, WI	RX320, 100' wire antenna

Welcome to Summer with hopes you all had a great Memorial Day holiday. Here in the northeast it has been a bit cool. Not exactly summer time weather. I am sure that will change shortly. Hope to see more contributors next month.

73

Bob Montgomery



Tropical Band Loggings


2000-5900 kHz

Dan Ferguson • 12053 Kahns Road • Manassas, VA 20112 • troplogs@zerobeat.org

- 2310 **AUSTRALIA ABC** 5/4 1135, EE ID, PSA, pops, poor, //2325 & 2485, both very poor (Lineback-KS)
- 3204.8 **BRAZIL R. *Ribeirao Preto*** 5/11 0050a. Fair to weak copy at S3 signal levels. Choral mx and female annrcs with various Portuguese annmts at 0050. Station ID verified by a gent on the IRC chat line who lives in Brazil. Best in LSB to avoid WWCR. Nice guitar mx and vocals at 0055. Female with what sounded like phone numbers at 0100. Prgm started, Church Hotline. Much better copy at this time; call in talk show type program. Short on callers so started some guitar mx 0110. No ID given at top of the hour. (Montgomery-PA)
- 3205 **NEW GUINEA R. *Saundawn*** 5/4 1128, traditional Vern singing w/drums, fair-good. Again 1106 5/14, instrumental bridge mx, YL in Vern, definite LP Echo, good, //4890 (Lineback-KS)
- 3215 **MADAGASCAR *Adventist World Radio*** 4/28 0301 talk in language by YL, religious music, ID "Adventist World Radio" in English by M over mx 0305, and "The Voice of Hope" 0307, more music and talk, IS 0325 (Brandi-NJ)
- 3235 **NEW BRITAIN R. *WNB*** 4/15 talk in EE by man; poor. (Williamson-ONT) 5/4 1127, Vern pops; fair under ute. 5/14 1102 M&W in Vern, poor under ute. (Lineback-KS)
- 3245 **PAPUA R. *Gulf*** 5/4 1126, Vern pops, fair. 5/14 1101, M in Vern, poor under SS Numbers strn. (Lineback-KS)
- 3250 **HONDURAS R. *Luz y Vida*** 4/10 0220, SS, M in rlg t1k. A few words of EE here and there. Fair. (Brouillette-IL)
- 3260 **NEW GUINEA R. *Madang*** 5/131055-1102*, M in Vern, trad. singing w/drums, s/off with truncated NA & GSTQ, poor (Lineback-KS)
- 3265 **SULAWESI RRI *Gorontalo*** 5/4 1126, Indo pops, fair. 5/14 1059 Indo pops, poor. (Lineback-KS)
- 3275 **PAPUA R. *Southern Highlands*** 5/4 1126, Vern pops, fair-good; and 5/14 1059, M in Vern; fair (Lineback-KS)
- 3289.9 **ECUADOR *Radio Centro*** (tentative) 5/3 0935-1003, lively vocals and man with Spanish talk. Fair signal but fading rapidly by tune out. (D'Angelo-PA)
- 3291.3 **GUYANA V of *Guyana*** 5/11 Finally some audio I can hear from this station 0114a. EE religious prg at tune in. S6 level. First time in over a year I can actually hear the station. I really missed this one. (Montgomery-PA) 5/15 0210-0246, woman host taking phone calls from listeners with occasional music segments between phone calls. 0238 ID and pgm close; then program called "Straight from the Heart." Fair reception. (D'Angelo-PA)
- 3305 **PAPUA R. *Western*** 4/26 1139, carrier with low audio, Very poor, (Lineback-KS)
- 3315 **ADMIRALTY ISL R. *Manus*** 5/2 1137 M in Vern; fair-good; not hrd daily this time. Also 5/141018-1056, Vern pops, M in Vern/EE, fair (Lineback-KS)
- 3325 **BOUGAINVILLE *Rabaul*** (?) 4/12 1022 with talk in lang about provincial affairs; fair/ (Williamson-ONT) R. Bougainville, 4/27 1135, M in Vern, Vern pops, fair. Also, 5/2 1137, Vern pops, fair, some days mixing w/Guat. and RRI with bad het. (Lineback-KS)
- 3325 **GUATEMALA R. *Maya de Barilas***, 4/1 *0916(?), ID ment C.America, mx, many ments "Christo", SS talk. Fair. (Barbour, Jr-NH) R. Maya, 5/14 1055, SS ID, fair, now persisting to daylight fade with het against Bougainville/Kalimantain. (Lineback-KS)
- 3345 **MOLUCCAS RRI *Ternate***, 5/4 1124, YL in Indo, fair. And 5/14 1056, Indo pops, poor. (Lineback-KS)
- 3350 **COSTA RICA R. *REE, Cariari***, 4/3 0545 SS anmts, talk, ID, 0600*, carrier off 0602. (Barbour, Jr-NH)

- 3355NF **COSTA RICA R. Ext. de Espana**, 4/10 0232, SS, lengthy survey of human rights records in African countries. ID. Excellent sig! Noted following nights on 3350. (Brouillette-IL)
- 3355 **NEW GUINEA presume R. Simbu** 4/24 1131, M in Vern, apparently reactivated for a few days; poor. 4/28 1150 they had several old Bing Crosby Hymns in a row before s/o w/GSTQ @ 1204. 5/4 1124, Vern pops, fair-good. And 5/18 1045, Vern pops, poor. Now daily. (Lineback-KS)
- 3360RF **ECUADOR LV del Upano** 4/11 0210, SS, educational prg about chemistry presented by W anncr; 0221 into s/off routine w/nice complete ID including call letters, QT14 (Macas) etc. 0223 *. This had been inactive for a long time. (Brouillette-IL)
- 3905 **NEW IRELAND RNI** 4/8 1056 pop music, ancr in lang; big signal but ARO QRM. (Williamson-ONT) 5/4 1123, Vern pops, fair w/ARO in AM. And 1017 May 14, Vern pops, fair. (Lineback-KS)
- 3976 **KALIMANTAN RRI Pontianak** 5/4 1134 May 4, M in Indo, poor under AROs. And 5/18 1115, M in Indo, very poor. (Lineback-KS)
- 4000.1 **SULAWESI RRI Kendari** 5/4 1133, Indo pops, poor. Also 5/18 1115, M in Indo, very poor. (Lineback-KS)
- 4052 **GUATEMALA R. Verdad** 4/9 0247 EZL mx, ID in SS/EE, ment "Mount Horeb", address plea for money; cont w/SS talk. (Barbour, Jr-NH)
- 4716 **BOLIVIA R. Yura** 4/1 2358 Latin pop mx, male announcer in Spanish; fair but ute QRM. (Williamson-ONT)
- 4716.74 **BOLIVIA Radio Yura** 4/30 2355 talk in Spanish, music 2356, more talk by YL, ID @ 0001 (Brandi-NJ)
- 4753.25 **SULAWESI RRI Makassar** 5/4 1132, YL in Indo, good but still w/muffled audio. Also 5/18 1113, M in Indo, fair to poor. (Lineback-KS)
- 4770 **NIGERIA R. Nigeria, Kaduna** 4/24 0520 M in EE nx abt Zimbabwe, Uganda, ID 0525, px abt political hierarchy; poor. (Barbour, Jr-NH)
- 4775.0 **PERU R Tarma** 5/10 0010f; ID in SS at 0037 by male announcer. Playing an interesting mix of mx of which most of it is not local Peruvian type mx but some latin tunes and mostly all in SS. Took some time to catch the ID as lots of jingles and adverts. Signal level of s 6 with nice modulation but with static crashes and the local sweeper on the freq. (Montgomery-PA) 5/18 1050, SS vocals, poor. (Lineback-KS)
- 4789.1 **IRIAN JAYA RRI Fak Fak** 5/4 1131, Indo pops, fair over ute. (Lineback-KS)
- 4805RF **BRAZIL Rdif Amazonas** 4/11 0237, PP, nice complete ID and 0238*. This one also had apparently not been on for quite a while. (Brouillette-IL)
- 4815 **ECUADOR R. Buen Pastor** 1035 Ecuadorian folk music; two male announcers in Spanish; mention of station slogan; good. (Williamson-ONT)
- 4820RF **HONDURAS HRVC - LV Evangelica** 4/3 0513 M w/rel px, ID, mx. Also 4/8 0338 w/EE "Back to God Hour", contact info, 0356*. (Barbour, Jr-NH) 4/10 0300, SS, contempary Christian mx, ID, reactivated w/ better sig after many weeks absence. Some nites overmodulated and drifting to 4819.2. (Brouillette-IL)
- 4832 **HONDURAS R. Litoral** 4/10 0305, SS, Bible study px. SS anncr w/heavy US accent. Back here w/better sig from 4830. (Brouillette-IL)
- 4845 **GUATEMALA R. K'ekchi** 4/11 0253, Mayan dialect, prayers, then into long Nat'l Anthem by brass band and 030I*. (Brouillette-IL)
- 4874.6 **IRIAN JAYA RRI Sorong** 4/28 1134, Indo pops, poor-fair; generally hrd this late only one day/wk. And 5/14 1115, ME style mx file; //4925, poor. (Lineback-KS)
- 4876.7 **PERU R. La Cruz del Sur** 5/14 1005-1015, M w/SS news, into vocals and talk in Vern, fading. (Lineback-KS)
- 4885 **BRAZIL Rdif Acreana** 4/19 0900 talk in Portuguese, pop songs, full ID 1003 with call signs & frequencies, slogan, then ads for stores in Rio Branco; fair, static. (Williamson-ONT)

- 4890 **PAPUA NBC** 4/5 1009 M w/EE nx abt Solomon Is, PNG provinces, ID, mx request. Poor at start, fair by 1034. (Barbour, Jr-NH) 5/4 1129, M&W in EE, only fair (since coming back after being off for a while, this station is significantly weaker than previously). 5/14 1108 YL in vern, file: //3205, EE ID 1111 as R. Papua/New Guinea; then separate px, 4890 in EE and 3205 in Vern. Good, this station now transmitting at full power comparable to former strength. (Lineback-KS)
- 4895 **SARAWAK RM Kuching** 5/4 1138, children singing in lang, poor (Lineback-KS)
- 4925 **SUMATRA RRI Jambi** 4/26 1144, M in Indo, very poor. 5/2 1141, YL in Indo, poor; and 5/14 1115, ME style mx file://4874.6, fair- poor. (Lineback-KS)
- 4955 **PERU R. Cultural Amauta** (P) 5/4 1017 talk by a woman in Spanish, in clear, fair signal. Recheck 1024 LA male vocal, weaker. (Ziolkowski)
- 4975.98 **UGANDA Radio Uganda** 5/1 0302 Drums IS, ID in English "This is Radio Uganda", national anthem, sign on announcement with IDs, schedule, frequencies, into vernacular language, African pop music (Brandt-NJ)
- 4980.0 **VENEZUELA Ecos del Torbes** 5/6 0020m Not that this is a major catch here but each Sunday nite this station plays some very interesting mx. This time it is continuous Beetle mx but other Sunday nites have heard some very old 78 recordings and one night even Billy Holiday. Also once heard what I believe was old Edison recordings which are very rare. Sunday nite or UTC Monday morning. I have noticed this for about a year or more now. Few comments from the announcer but continuous mx. Worth a listen. (Montgomery-PA) 4/12 0250 talk in Spanish about coup in Venezuela, mentions of "pistoleros (snipers) en Caracas", President Chavez, Presidential palace at Miraflores, reports from middle of crowds of protestors, ID for Radio Tachira @ 0320 (Tachira and Ecos are owned by the same company), switch to audio from Radio Caracas Television @ 0327, possible announcement of Chavez' resignation @ 0540, talk from officer saying that today, all of Venezuela is happy @ 0548, station off abruptly in mid-sentence at 0600 (Brandt-NJ) 4/10 0310 SS, wonderful old LAM romantic tunes. ID's, local quality sig! (Brouillette-IL)
- 4995.6 **PERU R. Andina** 4/10 0315, SS, ID and LAM pop, M & W annrcs. Weak but readable on peaks. (Brouillette-IL)
- 5009.79 **DOM REP R. Pueblo** 4/13 0140-0230* SS anmts, IDs. Lively LA mx. S/off with NA. Good. (Alexander PA)
- 5020 **SOLOMON IS SIBC** 4/5, 1036 M in EE & Pidgin w/rel tlk, mx, TC. SIBC Bible materials offered. Fair. (Barbour, Jr-NH) 5/4 1112 & 1130, BBC WS EE, fair-poor. (Lineback-KS)
- 5050.0 **TANZANIA R. Tanzania** 4/28 0210s Male ann at 0211 preceded by Arabic chants. S6 signal level with some fades but audible. ID hrd at 0215. Female announcer in Arabic with talks. Modulation a bit low and difficult to hear. (Montgomery-PA)
- 5070 **USA Emerald Radio via WWCR** 4/25 1038-1101*, woman host with feature on Lighthouses, many IDs, Celtic Shadows program. Cut off at 1059 with a man giving WWCR frequency schedule. Good on this frequency but very poor on //15825. (D'Angelo-PA)
- 5085 **USA WWRB** 4/14 *0003- ID at s/on & into EE rel pgming. (Alexander PA)

Something over 30 years ago I first edited a loggings column for NASWA. Now that Sheryl Paszkiewicz has shown for 13+ years the way it really ought to be done, maybe I'll do a little better this time! The computer makes it a bit easier than using Charlie Loudenboomer's old cast off steam powered typer I had back then. [Was going to send it back later, but he never gave a return address.] ... Stop by the #swl channel on the StarChat IRC network and say hello. There's usually someone there, though they may be sleeping. Till next time...73, Dan Ferguson 

International Band Loggings

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- 5990 **BRAZIL R Senado** Brasilia in PT 2251, various tlks, some about pending bills before the Brazilian Congress, f (Brouillette IL 4/8)
- 6045 **ZIMBABWE ZBC Harare 2** in Vern 0225, Afro pop mx, TC in EG, ID's, more mx until wiped out by s/on of R France Int at 0257, audio // with Windows Media Player feed (Brandt NJ 4/28)
- 6045 **SAO TOME VOA** relay in Hausa 0515, mx, studio chatter, closing ancmts to 0532* (Berg MA 4/27)
- 6070 **CANADA CFRX** Toronto in EG 0900, MW relay hrd again w/Voz Cristiana in the background, very strong signal and excellent audio (Berg MA 5/4)
- 6070 **CHILE R Voz Cristiana** Santiago in PT? 0802, ID as R Nacional, jingle, tlks, ads, mx, f-g w/fades (Montgomery PA 4/17)
- 6100 **LIBERIA R Liberia Int** Monrovia in EG 0640, continuous Christian mx, ID toh, must have changed antennas as signal dropped below noise floor at 0700, S7 until then (Montgomery PA 5/12)
- 6110 **CANADA R Japan** relay Sackville in EG *0500, pips, ID, rpt on Powell-Arafat meeting, mention of East Timor, g (McGuire MD 4/14)
- 61348nf **SIERRA LEONE Radio UNAMSIL** (UN Mission in Sierra Leone) in EG 0635, phone-ins, ID before each call to "The Hotline", TC, nx, mx, Ludo Maes of TDP who sold the xmtr to the UN says its 1 kw (Brandt NJ 4/20) in EG 2200 w/weak signal, best after 0600 w/mx, interludes of studio tlk but hampered by QRM making unusable by 0630 (Berg MA 4/20) ED: Outstanding catches!
- 6160 **CANADA CKZN** St. Johns Newfoundland in EG 0815, ID, R Australia rebroadcast, local wx rpt, snow forecast for Manitoba at same time 91 degrees in PA, guitar mx, S-9 (Montgomery PA 4/17)
- 6180 **BRAZIL R Nacional** Brasilia in PT 0910, L Amer mx, ID, tlk re Brazil, call-in (Barbour NH 4/5)
- 6200 **CZECH REPUBLIC R Prague** in EG *0100, IS, ID, fqy, sked, report on nuclear power plant, g (McGuire MD 4/29)
- 6536 **PERU R Dif Huancabamba** in SP 0100-0212*, rustic OA folk mx, ID, ancmts, long tlks, TC's, s/off with long orchestral NA, f-g (D'Angelo PA 5/11, Alexander PA 4/7)
- 69731 **ISRAEL Galei Zahal** in HB 0215-0257*, tlk, local pop rx, switch to 15785 0300 (Alexander 4/21)
- 7120 **ITALY R Rasant** via IRRS Milan relay in EG 2254, ID for R Rasant w/req for rpts, pop rx, IRRS ID, QTH, anthem-like choral song (Italian NA?), s/off 2305 (Berg MA 4/12) in FR 0620, oldies pop mx, ID 0631 as "I-double R-S", FR lang pop song (Brandt NJ 5/9)
- 7125 **GUINEA R Conakry** in FR 2315-0002*, DJ taking phone calls, Afro pop mx, ID, NA at s/off, vg (Brouillette IL 4/13, Alexander PA 4/13)
- 72103 **BENIN R Benin** Cotonou in FR 2244-2302*, call-in tlk show, ID, tlk abt FR elections, Afro mx between phone calls, NA at s/off, S-9 signal, f-g copy (Montgomery PA 5/5)
- 7260 **THAILAND VOA** relay in IN 1125, IS, ID's in EG, Indonesian mx, tlks (Urbelis NY 4/30)
- 7275 **SOUTH KOREA RKT** in RS *1100, IS, ID's, nx, tlks, Korean mx mix, NA (Urbelis NY 4/30)
- 7380 **ALBANIA TWR Europe** relay in Slovak 0428, IS, TWR ID, relig vocals, tlks, co-channel QRM and fqy drift, p (Witham HI 4/22)
- 7400 **BULGARIA R Bulgaria** in EG 0045, "Calling DX'ers" pgm re A-02 skeds, //9400 (Humenyk ONT)
- 7455 **GUAM KTWX** Agana in CH *1100, Bible pgms, IS, ID's, clear channel (Urbelis NY 4/30)
- 7477v **GREECE V of Greece** Avlis in GK 2325, continuous GK mx, tlks, nx?, ID's in EG and GK 2355, //s at 15630 and 5865, strong signal on 7477, good on 15630, poor on 5865 (Montgomery PA 4/27)
- 74898 **USA WJIE** Upton KY in EG 0625-1045, repl WJCR under new ownership, nearly all Christian vcls, ID, wx rpt, pgm notes, promo, xmtr problems due to lightning strikes, running on exciter only, very poor signal, deep fades (Berg MA 5/3, Montgomery PA 5/9)
- 93199nf **USA WINB** Red Lion, PA in EG *0102-0305+, ID, into relig pgming, gospel mx, "Way of Truth", "Word of the Spirit" and others, no ID after s/on ID, vg (Alexander PA 4/14)
- 9405 **GERMANY IBRA Radio** relay in AR 2240-2320, Bible pgms, ID's, relig mx, p (Urbelis NY 4/30)
- 9475 **EGYPT R Catro** in EG 0200, discussion on PLO and Arafat, very muddy audio (Linonis PA 4/26)
- 9550nf **SAUDI ARABIA BSKSA** in AR 2153-2300*, vocals until ID at toh, tlks, QRM (D'Angelo PA 5/15)
- 9560 **HUNGARY R Budapest** in EG 0100, IS, ID, rpt on parliamentary elections in HG (McGuire 4/10)
- 9600 **UNITED ARAB EMIRATES AWR** relay in EG 1630, relig mx, tlk on preacher in the military, ID, QTH, rpt on Earth Day, g (Witham HI 4/20)
- 9615 **ALASKA KNZS** Anchor Point in RS 1124, tlk, ID at 1130 by YL in RS, g (Ziolkowski WI 5/5)
- 9640 **GERMANY Deut Welle** Wertachtel in EG 0100, IS, ID, rpt of Powell-Arafat meeting (McGuire 4/14)

- 96447v **COSTA RICA TIFC** San Jose in SP *0954, ID's, fqys, NA, into "Amanecer..." pgm w/mx, p-f with drifting fqy, //50546 (Berg MA 5/3)
- 9665 **SINGAPORE RSI** Kranji in Malaysian 1029, pop mx in vern & EG, ID, world nx, long talk, QRM from Antigua relay 1100 s/on at 9670, good prior to that (Barbour NH 4/18)
- 9675 **BRAZIL R Cancão Nova** in PT 0820, canned ID 0829, jingle, phone#, ads, g (Montgomery PA 4/17)
- 9795 **UNITED KINGDOM Wales Radio Int** relay Rampisham om EG 0213-0230*, tourism pgm, websites, folk mx, 1/2 hour xmsn heard only once weekly - Sats UTC (Paszkievicz WI 5/4)
- 9840 **VIETNAM V of Vietnam** Hanoi in EG *1000, s/on mx, ID, nx, f, //12020, beamed to Papua New Guinea, s/off 1028, f (D'Angelo PA 5/14, Montgomery PA 4/16)
- 9870 **MONACO TWR Europe** relay via Monte Carlo in EG 0811, Dr. McGee w/relig tlk, ID, QTH, pgm previews, "Amazing Grace" played on Irish instruments, IS and off 0820 (Brandi NJ 5/9)
- 9900 **RUSSIA Deut Welle** relay Irkutsk in GM 1135, sports rpt on GM soccer season winding down, // to Novosibirsk relay on 15490 (Hanlon PA 5/5)
- 9900 **EGYPT R Cairo** in EG 2356, mx pgm, ID, language lesson "Let's Learn Arabic" (Limbach PA 4/13)
- 9950 **INDIA AIR** Delhi in Burmese? *0058, IS, nx items, into mx pgm, cmntry (Montgomery PA 4/18)
- 9970 **BELGIUM RTBF** Brussels in FR *0257, orch NA, ID, 5 pips, TC, nx, into mx features w/George Harrison's "All Those Years Ago", f (D'Angelo PA 5/15)
- 11610 **GERMANY AWR** relay via Juelich in AR 0610, tlk, ID, cmntry on M East, p (Witham HI 4/18)
- 11620 **INDIA AIR** Bangalore in EG 1900, nx on the hr, into traditional mx, exc (Linonis PA 5/6)
- 11640nf **IRAN VOIRI** in EG 1620, TK mx, vocals, ID, off 1628, back on 1630 w/NA (Witham HI 4/20)
- 11640 **RUSSIA VOR** relay Novosibirsk in RS *1200, NA, fanfare, ID, fqys, pgm preview, nx, g, //13720 and 15470 (Hanlon PA 5/5)
- 11645nf **NORWAY R Denmark** relay in DN *2230, world nx, sound bites, repl for 11615 (Costello NJ 4/21)
- 11675 **RUSSIA VOR** relay via Armavir in EG 1920, rpt on Russian space stations, ID (McGuire MD 4/28)
- 11715 **VATICAN CITY VR** in AR 0439-0500*, chorus, prayer/chants, trumpet blast, ID, f (Barbour 4/6)
- 11830 **JAPAN R Japan** Tokyo in EG 2104, nx re PM's visit to China, ID, fqys, ME nx, p (Barbour 4/29)
- 11955 **OMAN BBC** relay in EG *0056-0123, ID's, pips, TC, "The World Today", f (D'Angelo PA 4/25)
- 11960nf **TURKEY V of Turkey** in EG *2200, IS, ID, nx, press review, discussion of TK educational system, strong signal but muddy audio (Brouillette IL 4/13, Linonis PA 5/6)
- 12015 **UNITED ARAB EMIRATES R Canada Int** relay Al Dabbiya in EG 1959-2055, IS, ID's, world nx "Canada Today", p (Urbelis NY 4/30)
- 12015 **MONGOLIA V of Mongolia** Ulan Bator in EG 1011, cmntry on employment in Mongolia, local mx, mailbag, wx forecast - minus 8 temp, IS, off at 1030 (Montgomery PA 5/7)
- 12040 **UKRAINE RUI** Simferopol in EG *0000, regional nx, "Ukraine Today" (Limbach PA 4/8)
- 12172 **USA WWRB** McCayville, GA in EG 2210-2400*, relig pgming, ID at s/off, ancd switching to 5085 (Alexander PA 4/13)
- 13635 **AUSTRALIA Christian Voice Int** via Darwin in EG 1215, pop mx, preview of countdown show to be aired at 1500 on same fqy, exc (Hanlon PA 5/5)
- 13685 **AUSTRALIA Christian Voice Int** via Darwin in EG 1021-1053, review of movie "Scorpion King", many ID's, Queensland QTH for letters, relig tunes, features, f (D'Angelo PA 5/15)
- 13700 **PORTUGAL RDP1** Lisbon in PT 0115, "Portugal Despotivas" sports pgm (Linonis PA 4/26)
- 13710 **RUSSIA R Nederlands** relay Irkutsk in EG 1048, tlk on French elections, exc, //12065 Petropavlovsk (Hanlon PA 5/5)
- 13865 **ICELAND Iceland R** Reykjavik in IC 2320, nx, ment FR elections, clear sig (Montgomery PA 5/5)
- 15049 **COSTA RICA RFPI** in EG 0137, Hauser's World of Radio, DX'ing Bulgaria, exc (Humenyk ONT)
- 15084 **IRAN VOIRI** Kamalabad in Farsi 0200, pop rx including Pink Floyd songs (Linonis PA 4/26)
- 15125 **INDONESIA RRI** Jakarta in IN 1038, ID, nx incl items re Mideast, pop rx, p (Barbour NH 4/8)
- 15150 **INDONESIA V of Indonesia** Jakarta in GM 1836, short items, local mx bks, ID, fair signal on noisy band, live Windows Media feed to check programming (Quaglieri NY 5/7)
- 15180 **ROMANIA R Romania Int** in EG 0210, clear ID, tlk on Earth Day events in Romania (Linonis 4/26)
- 15190 **USA V of Greece** relay Delano CA in GK 0630, GK folk mx, tlk, ID, pips, website, nx, exc, //17520 (Witham HI 4/21)
- 15265nf **GERMANY United Methodist Church** relay via Juelich in EG 1710-1755, nx of Africa, tlk on relig leadership in E Africa, message abt evils of smoking, phone interview, ID's, hi-life mx, cmntry on Mideast peace tlks, req rpts (Witham HI 4/12, Urbelis NY 4/30)
- 15315 **FRANCE R Jamahiriyah** Libya via Issoudon relay in AR 1925, AR mx, tlk over solemn mx, Big Ben type chimes at 2000, no recognizable ID but also heard on //15205 (Witham HI 4/17)
- 15335 **EGYPT R Cairo** in FR 2205-2227*, nx, AR mx mix, muddy audio as usual (Urbelis NY 4/30)

- 15345 MOROCCO RTV Marocaine in AR 2005, nx abt Mideast issues, field rpts, g (Barbour NH 4/2)
- 15355 OMAN R Sultanate of Oman in EG *0300, NA, "Good morning" greeting at s/on, Koran in AR with EG translation, TC, quiz w/concert tkts for prizes, mx requests, nx, ID 0330, p-f (Barbour NH 4/8)
- 15410 MOROCCO VOA relay in EG 2120, "Jazz America" mx mix, ID (Brouillette IL 4/28)
- 15455 RUSSIA VOR relay Armavir in EG 2000-2100*, nx, science tlk, "Moscow Mailbag" (Urbelis 4/30)
- 154556 PAKISTAN R Pakistan Islamabad in EG *0000, ID's, nx abt situation in Israel, techno? tunes, TC, fqys, sked w/mx interludes, tlk abt AIDS, into Assamese 0016 (Brandi NJ, Montgomery PA both 5/1)
- 15485nf GERMANY AWR relay Juelich in FR 2015, tlk abt Biblical prophecy, baroque mx, Paris QTH, ID in FR and EG at 2030* (Brouillette IL 4/27)
- 15335 SEYCHELLES FEBA Radio in AR 1117, tlk re Shakespeare, ID, bumper mx, Beethoven's Fifth Symphony, f (Barbour NH 4/8)
- 15545 GERMANY R Ecclesia relay Juelich in PT *0500, Portugal-Angola tlks, nx, Bible ancmts, ID's, mixing with VOIRI on same fqy (Urbelis NY 4/30)
- 15550 CHINA CNR Beijing 1 in CH/EG 1045, tlks w/YL in CH and OM in EG, ID 1100, pgm with live audience, much laughter and applause, f (Barbour NH 4/12)
- 15565 NETHERLANDS INDIES R Vlaanderen Int relay via Bonaire in EG *2230, ID, mx from Flanders, strong signal (Brouillette IL 4/13)
- 15715 GERMANY V of Hope relay via Juelich in EG/lang 1745, inspirational mx, relig tlks sometimes overpowered by mx, ment KON "Voice of the Lord", ID, relig drama, f (Witham HI 4/22)
- 17520 PAKISTAN R Pakistan Islamabad in EG 0958, pips at toh, ID, nx to 1005, short tune NA? and off air at 1006, very difficult copy at S-3 level (Montgomery PA 5/7)
- 17560 JAPAN R Japan Tokyo in EG 0145, pgm "44 Minutes" abt the beauty of Earth light, tlk w/landscape artist, pop mx, NHK ID, QTH, req reception rpts, fqy, sked, pips, into JP 0200, g (Witham HI 4/17)
- 17560 AUSTRALIA Christian Voice relay Darwin in Mandarin 1602, "Amazing Grace" in Mandarin, pop mx, tlks, p (Barbour NH 4/23)
- 17705nf CUBA RHC Havana in Guarani 2335, tlk on Israel & Palestine and cmntry on Cuban revolution, replacement for 15340? (Brouillette IL 4/6)
- 17895 INDIA AIR Bangalore in EG 1055, nx headlines, tlks on violence in Nepal and relations with Sri Lanka, ID and fqys at 1100 s/off, f (Barbour NH 4/12)
- 21720 SWITZERLAND SRI Sottens in EG 1750, "News Net", local wx rpt, web QTH, instrum'l mx, ID, into FR 1800 and AR 1900, f, //17735 (Witham HI 4/17)
- 21755 JAPAN R Japan Tokyo in EG 1025, lively song by Japanese YL, xmsn beamed to Oceania, g, //15590 and 9695 (Hanlon PA 5/5)
- 21820 AUSTRALIA RA in EG 1110, "Correspondents' Report" on French elections, exc (Hanlon PA 5/5)

Clandestine, Tentative, Presumed, or Unknown

- 60453 PERU(p) R Santa Rosa in SP 0640, guitar virtuoso, vocalist, audience reaction, ment Lima, tlk while strumming, concert continuing beyond 0700 without ID, p (Witham HI 4/18)
- 6810nf UNKNOWN SITE V of Komala (V of Freedom and Socialism) in Kurdish? 1630, tlk by OM, brief Mideast mx, more tlk, jamming at 1635, best on USB, p (Witham HI 4/17)
- 72168 ANGOLA(p) R Nac de Angola(p) in Vern 2208, audio noted at 2155 but too weak to get an ID at 2200 at s/off time (Montgomery PA 5/5)
- 7310 MADAGASCAR V of the People relay in EG 0414, tlk, ID "Voice of the People" in passing, beamed to Zimbabwe, mx 0425, s/off 0429, tnk to Walt Salminiw (Brandi NJ 4/20) in EG *0329, instrum'l mx followed by tlks, ID "This is Radio Voice of the People....7310 kHz" (D'Angelo PA 5/15)
- 7460 ALGERIA R Nac Saharagui, Tindouf in SP 2312, ID 2319, continuous US pop tunes all in EG, nx, exc sig 20 db over S-9 from 20 kw(listed) xmtr (Montgomery PA 4/27)
- 9500nf CHINA(p) Xijiang People's BC Str(p) in CH 0155, hrd w/CH instrumental mx (Linonis PA 4/26)
- 96849 MADAGASCAR(t) RTV Malagasy 1(t) in Malagasy(p) 0610, pop mx (mostly vocals), brief ancmt's, continuing w/same format, best on LSB, p (Witham HI 4/22)
- 11570 KAZAKHSTAN R Free Asia relay Almaty in Cambodian 2318, OM w/tlks, oriental flute, string and percussion interludes, YL vocals, fair, f/o 2330, //15175 (Tinang PI) stronger (Costello NJ 4/15)
- 13800 NO MARIANAS(p) R Free Asia relay Saipan(p) in CH 2353, drum and string instrumental mx that continued until abrupt s/off at 2400, strong sig over S-7 (Costello NJ 5/9)
- 151751 NO MARIANAS Tinian Is. relay of R Free Asia in Cambodian 2230, IS and s/on ID in EG, long tlks in Cambodian w/interludes of Asian-type mx, S-6 sig w/some flutter (Montgomery PA 4/21)
- 15515 NO MARIANAS Tinian Is. relay of R Free Asia(p) in CH 2015, very rustic oriental mx w/bowed strings and drums (Brouillette IL 4/27)



WORLD OF RADIO, CONTINENT OF MEDIA, MUNDO RADIAL
ANTICIPATED BROADCAST SCHEDULE EFFECTIVE JUNE 1, 2002

It always pays to check all RFPI frequencies beyond their scheduled hours.
Schedule shown is nominal, but it is not unusual for one transmitter to be
down. 7445 may be on AM or USB. WJIE broadcasts are irregular and low power,
pending resumption of 50 kW transmitter.

For latest updates see our Anomaly Alert page:
<http://www.worldofradio.com/anomaly.html>

Days and times here are strictly UT.

Wed 2330 WOR WBCQ 7415 [first airing of each edition]
Thu 0500 WOR WBCQ 7415
Thu 0645 WOR WJIE 7490
Thu 1245 WOR WJIE 7490
Thu 1845 WOR WJIE 7490
Thu 2030 WOR WWCR 15825
Fri 0645 WOR WJIE 7490
Fri 1245 WOR WJIE 7490
Fri 1845 WOR WJIE 7490
Fri 1900 COM RFPI 21815-USB 15039
Fri 1930 WOR RFPI 21815-USB 15039 [sometimes 2000 or 2030]
Fri 2115 MR WWCR 15825 [or 2110]
Fri 2230 WOR Studio X, Momigno, Italy 1584 1566 87.35 96.55 105.55
Sat 0100 COM RFPI 15039 7445
Sat 0130 WOR RFPI 15039 7445 [sometimes 0200 or 0230]
Sat 0500 WOR R. LavaLamp, Osaka, Japan, internet:
<http://www.rinku.zaq.ne.jp/bkaec205/index.html> [may run late; week delay]
Sat 0500 WOR WWCR 5070
Sat 0645 WOR WJIE 7490
Sat 0700 COM RFPI 7445-USB
Sat 0730 WOR RFPI 7445-USB [or 0800 or 0830]
Sat 0800 WOR WRN1 to Eu, Au, NZ, WorldSpace AfriStar, AsiaStar, Telstar 12
SAm
Sat 0855 WOR WNQM Nashville TN 1300
Sat 1300 COM RFPI 21815-USB
Sat 1330 WOR RFPI 21815-USB [or 1400 or 1430]
Sat 1700 WOR R. LavaLamp, Osaka, Japan, internet:
<http://www.rinku.zaq.ne.jp/bkaec205/index.html> [may run late]
Sat 1730 COM RFPI 21815-USB
Sat 1800 WOR RFPI 21815-USB 15039
Sat 1828 WOR WPKN Bridgeport CT 89.5 [week delay]
Sat 2330 COM RFPI 21815-USB 15039
Sun 0000 WOR RFPI 21815-USB 15039
Sun 0230 WOR WWCR 5070
Sun 0500 WOR R. LavaLamp, Osaka, Japan, internet:
<http://www.rinku.zaq.ne.jp/bkaec205/index.html> [may run late]
Sun 0530 COM RFPI 15039 7445-USB
Sun 0600 WOR RFPI 7445-USB
Sun 0628 WOR WWCR 3210
Sun 1130 COM RFPI 7445-USB
Sun 1200 WOR RFPI 21815-USB
Sun 1400 WOR WRN to North America, also WLIO-TV Lima OH SAP
Sun 1630 WOR Studio X, Momigno, Italy 1584 1566 87.35 96.55 105.55
Sun 1700 WOR R. LavaLamp, Osaka, Japan, internet:
<http://www.rinku.zaq.ne.jp/bkaec205/index.html> [may run late]
Sun 1730 COM RFPI 21815-USB [sometimes as substitute]
Sun 1830 WOR RFPI 21815-USB 15039 [often as substitute; or 1800]
Sun 2330 COM RFPI 21815-USB 15039 [sometimes as substitute]
Mon 0000 WOR WWCR 9475 [NEW for June-July-August]
Mon 0030 WOR RFPI 21815-USB 15039 [often as substitute; or 0000]
Mon 0330 WOR WSUI Iowa City IA 910 [week delay]
Mon 0530 COM RFPI 15039 7445-USB [sometimes as substitute]
Mon 0630 WOR RFPI 7445-USB [often as substitute; or 0600]
Mon 1230 WOR RFPI 21815-USB [often as substitute; or 1200]
Mon 1245 WOR WJIE 7490
Mon 1845 WOR WJIE 7490

Tue 0645 WOR WJIE 7490
Tue 1245 WOR WJIE 7490
Tue 1845 WOR WJIE 7490
Tue 1900 WOR RFPI 21815-USB 15039
Tue 2000 COM RFPI 21815-USB 15039
Wed 0100 WOR RFPI 21815-USB 15039
Wed 0200 COM RFPI 15039 7445-USB
Wed 0645 WOR WJIE 7490
Wed 0700 WOR RFPI 7445-USB
Wed 0800 COM RFPI 7445-USB [or try webcast]
Wed 0930 WOR WWCN 9475
Wed 1245 WOR WJIE 7490
Wed 1300 WOR RFPI 21815-USB
Wed 1400 COM RFPI 21815-USB
Wed 1845 WOR WJIE 7490

Latest edition of this schedule version is at:
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2002 Super Frequency List on CD-ROM

Published 10 DEC 2001. Price 25 EUR including worldwide postage. More than 40,000 entries cover both broadcast and utility stations. Hundreds of fascinating new screenshots in original format with full colours. Connects easily to leading receiver control programs.

The screenshot shows the 'BC2001' application window with a search results table and an open 'Word search' dialog box.

Freq.	Station	TxSite	Chy.	Time	Language	Target	Remarks
5875.0	BBC World Service	Skelton	GBR	12.30-13.00	En	Eu	English teaching
5965.0	BBC World Service	Sackville	CAN	11.00-14.00	En	Na	
6190.0	BBC World Service	Meyerton	SAF	12.00-13.00	En	Af	Sat Sun
6195.0	BBC World Service	Kranji	SNG	09.00-17.00	En	As	
6195.0	BBC World Service	Antigua	ATG	10.00-14.00	En	Na La	
9410.0	BBC World Service	Zygi					
9515.0	BBC World Service	Sackville					
9500.0	BBC World Service	Nakhon Sawan					
9635.0	BBC World Service	Rampisham					
9635.0	BBC World Service	Skelton					
9740.0	BBC World Service	Kranji					
11680.0	BBC World Service	Biblis					
11760.0	BBC World Service	Masirah Island					
11895.0	BBC World Service	Rampisham					
11940.0	BBC World Service	Meyerton					
11955.0	BBC World Service	Nakhon Sawan					
12095.0	BBC World Service	Woolfertan					
13670.0	BBC World Service	Rampisham					
15220.0	BBC World Service	Antigua					
15270.0	BBC World Service	Zygi					
15280.0	BBC World Service	Nakhon Sawan					
15310.0	BBC World Service	Nakhon Sawan					
15310.0	BBC World Service	Masirah Island					
15325.0	BBC World Service	Rampisham					

The 'Word search' dialog box is open, showing the search term 'bbc' in the 'Word' field. The 'Find codes' section has 'Countries: [none]' and 'Languages: [none]'. The 'Word list' shows a list of words starting with 'bbc', including 'bc', 'be', 'beacon', 'beijing', 'beise', 'bel', 'belaruskaje', 'belem', 'belo', 'ben', 'bengkulu', 'berau', and 'berlin'. The 'Search list' shows the results for 'bbc': (645), 'en' (1992), and '12:34' (1294). Buttons for 'Add >', '< Remove', and '<< Clear' are visible. At the bottom of the dialog are 'Ok', 'Abort', and 'Help' buttons.

Steve Ford WB8IMY, Managing Editor, in American Radio Relay League QST - April 2001: "The 2001 Super Frequency List on CD-ROM is an excellent timesaving tool to have on hand whenever you want to cruise the Airwaves. The information is highly accurate."

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The Journal of the
North American Shortwave Association

ISSN 0160-1989

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