

The **NASWA** Journal

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AUGUST 2007



R.Station "Tichiy Okean"
VLADIVOSTOK

ПРИМОРСКОЕ
ПТР
ТЕЛЕВИДЕНИЕ И РАДИО

QSL

**This verifies your report on the reception
of Primorskoye Radio's broadcast**

Date

21 Nov. 06

Time

09:35-10:35 UTC

Frequency

5960 KHZ

Best regards

Pacific State Television and Broadcasting Company "Vladivostok"

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Except Alaska, Hawaii and Puerto Rico.

From the DX Window, published by the Danish Shortwave Club International and edited by **Anker Petersen** we learn that on June 15–17, the Swedish DX-Federation held its annual “DX-Parliament” in Laholm near Halmstad with 21 participants including representatives from HCJB (**Sonja Persson**), the Swedish section of the Voice of Russia, Vatican Radio and former pirate Radio Syd represented by the grandson **Fredric Karén** of the owner Britt Waldner. Besides the formal annual meeting, a discussion about the European DX Council lead by **Torre Ekblom**, and an auction, there were the following interesting lectures: (1) Fredric Karén: The History of Radio Syd; (2) Erik Koie: Recordings of broadcasts made by Arne Skoog; (3) Kjell Ekholm: The early days of Malmö Kortvågsklubb; (4) Anker Petersen: Tropical Bands in Review; and (5) Irina Gardenia and Greg Gorevtsov: Voice of Russia 75 years and its Swedish section.

Once again, the *World Radio Television Handbook* (WRTH) editorial team announced the release of another update. An update is now available for the A07 schedules file. You can download this 5 page PDF file from the WRTH web site: http://www.wrth.com/updates_new.asp. Thanks to **Sean Gilbert** and the WRTH editorial team for making this update available.

Summer is almost gone! Where did it go? There is still time to catch a radio related gathering with a number of excellent opportunities coming up. The 14th Annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts is scheduled for Saturday, August 18, 2006. I am scheduled to be there as will a number of other club members including Bob Broswell, Gerry Dexter, Mark Taylor, Tim Noonan and host Bill Dvorak. The 2007 International Radio Club of America and DecalcoMania Conven-

tions will be in Salt Lake City, Utah from August 24th through August 26th. The 2007 National Radio Club National Convention and World TV-FM DX Association Convention will be in Boise, Idaho from 31 August to 2 September 2007. If you like to travel then the next European DX Council Conference is for you. It is scheduled for Lugano, Switzerland on 1–4 November 2007. These gatherings provide a great opportunity to meet and discuss the radio hobby with other like-minded radio enthusiasts. Also, don't forget the club's own gathering. The 21st Annual Winter SWL Festival will be held at the Best Western—The Inn at Towamencin on 7th and 8th March 2008. More on that over the coming months.

Albania is joining the 21st century! **Drita Cico**, ARTV-Head of Monitoring Center for Radio Tirana in a recent e-mail states: “We are pleased to notify the first ever email address of Radio Tirana English Section, as follows: radiotirana-english@hotmail.com. You are kindly encouraged to make your comments, remarks and questions about Albania and everything Albanian via email. Thank you and all the best from sunny hot Tirana.”

A shortwave listeners club for New England, Maine, New Hampshire and Vermont has been formed calling itself the New England Shortwave Listeners Club (NESWLC). **Rob Harrington** (n0nni@yahoo.com) indicated that there will be four (4) newsletters per year beginning in September 2007 followed by December 2007, March 2008 and June 2008. Membership fee is \$2.00 per year. If interested reply to club headquarters at 121 Eastern Avenue, Apt 101, Manchester, NH 03104

Shortwave Australia is the title of a brand-new free Internet service using Weblog

Our Motto: Unity & Friendship

technology, and was officially launched on May 15, 2007 by **Bob Padula** <bobpadula@mydesk.net.au>, in Melbourne, Australia. Bob is the compiler and he is the force behind the Electronic DX Press Radio Monitoring Association, now approaching its 12th year of continuous operations. *Shortwave Australia* is a place on the Web where Bob shares his professionally sourced and carefully researched news about shortwave developments and schedules, supported by extensive monitoring summaries. The site also provides dynamic links to news articles about shortwave radio and related technology, by using automatic real-time searching of published content worldwide—this is “Shortwave Newsreel”. Access to *Shortwave Australia* is free, and users may subscribe via its Atom/RSS feeds, or through any of the popular news aggregator services, to receive posts directly Email. Details are at the site. You can check out *Shortwave Australia* at: <http://swaus.blogspot.com>.

Don't forget to check out the great stuff **Jim Strader** carries at the Company Store. Jim can cover just about all of your shortwave radio related needs. The Company Store has great looking clothing, books and other essential supplies. The new Company Store location is 74 Miller Street, Middleborough, MA 02346-3216. Jim can be reached by e-mail at jimstrader@msn.com. Remember, all orders for Company Store merchandise should go to Jim.

The bands continue to be hot with the higher frequencies open longer providing good reception into the evening hours. With the club's electronic *Flashsheet* in your hands each week you will be up to date with news and information about the DX scene. If you have not signed up for the

club's electronic *Flashsheet* service, you are missing out on timely news and information that will enhance your shortwave listening pleasure. It is now time for you to get on the distribution list for the club's electronic *Flashsheet* to stay up-to-date. The changing DX conditions will bring different DX opportunities and new listening targets. The club's electronic *Flashsheet* helps members stay on top of the action with breaking shortwave news and information. If you are a current member of the club and want to receive the electronic *Flashsheet* just drop **Rich D'Angelo** (rdangelo3@aol.com) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic *Flashsheet* edited by **Mark Taylor**, markokpik@tds.net. Each week the electronic *Flashsheet* brings a lot of exciting, late breaking DX news and information to our members. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news. This is a service that is only available to our members. Deadlines are posted in the *NASWA Flashsheet* each week.

Please remember to direct all communications about subscriptions, bulletin delivery issues, mid-summer bar-be-cue ideas, the use of PayPal as a payment method, etc. to **Bill Oliver** at the club's Levittown address or to his electronic address, weoliver@comcast.net. The regular postal address is the familiar 45 Wildflower Road, Levittown, PA 19057. Inquires sent to Wyomissing only slow down the process. Thanks!

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



Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Bob Montgomery** (Address: P O Box 1458, Levittown, PA 19058). He will forward them to the appropriate editor. Remember, Bob also distributes QSL report information and totals for the **Scoreboard** column. He can also be reached through the Internet at: rmonty23@verizon.net. *Note: this is a new address as of August, 2006!*

Calendar Of Events

- Aug 10 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.
- Aug 10 Meeting. Boston Area NASWA Chapter.** The Boston Area DXers have found a new location for meetings. Inquiries about the BADXers may be sent to Paul Graveline at 978-470-1971 or Internet: ctcreditor@aol.com. The URL for the BADX guys is <http://www.naswa.net/badx/>
- Aug 18 Meeting. The Reading (England) International Radio** meets at the Reading International Solidarity Centre, 35-39 London Street, Reading from 2.30 p.m. Further information is available from Mike Barraclough at mikewb@dircon.co.uk.
- Aug 18, 2007 Convention. 2007 Madison-Milwaukee Radio Get-together.** The 14th Annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will take place on Saturday, August 18, starting at 1 PM CDT. This year's venue is Madison WI, and hosts are Bill and Nina Dvorak. For further information, please e-mail Bill at dxerak@aol.com, write him at 3358 Ridgeway Avenue Madison WI 53704-4327, or phone 608-244-5497.
- Aug 24-27, 2007 Convention. The 2007 International Radio Club of America and DecalcoMania Conventions.** The annual gatherings will be in Salt Lake City, Utah from August 24th through August 26th at the Airport Days Inn (1900 West North Temple, Salt Lake City, Utah 84116). The convention discount for a room is \$50.00. Registration is \$25.00 per person. Convention host Mike Sanburn can be reached at P. O. Box 1256, Bell flower, CA 90707-1256.
- Aug 31-Sep 2, 2007 Convention. The 2007 National Radio Club National Convention and World TV-FM DX Association Convention.** The annual NRC and WTFDXA gatherings will be held at the Rodeway Inn on North Curtis Road in Boise, Idaho from 31 August to 2 September 2007. Frank Aden will be the joint convention host. Additional details to follow.
- Sep 8 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meets at the Lebanon Citizens' National Bank (LCNB), 425 West Central Avenue (Ohio 73), Springboro, Ohio at 7:00 PM. For more information contact Mark Meece at 937-743-8089 or e-mail at <antennapig@siscom.net>. For additional information about MONIX, check out their web site at <<http://www.siscom.net/~mmeece/monix.html>>
- Nov 1-4, 2007 Convention.** The next **European DX Council Conference** is scheduled for Lugano, Switzerland on 1-4 November 2007. Venue of the conference is the Hotel Dischma, Vicolo Geretta 6, CH-6900 Lugano Paradiso, Switzerland (hotel-dischma@bluewin.ch). The conference fee is EUR 95. Further information is available from Tibor Szilagyi in Sweden at +46 8 500 264 83 (phone number) or tisz2035@yahoo.com (e-mail). Radio Miami International is issuing a special EDXC 2007 QSL card. RMI will make it available to DXers for reports through the end of 2007, but they must request the special EDXC 2007 QSL card.
- Mar 7-8, 2008 Convention.** The **21st Annual Winter swl Festival**, sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 7th and 8th March 2008. Richard Cuff and John Figliozzi co-chair the organizational committee. Although it is early, you don't want to miss this special FEST event. See you there!
- Mar 13-14, 2009 Convention.** The **22nd Annual Winter swl Festival**, sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 13th and 14th March 2009. Richard Cuff and John Figliozzi co-chair the organizational committee. Although it is early, you don't want to miss this special FEST event. See you there!
- Members are invited to submit items to be included in this calendar to Rich D'Angelo (Internet: rdangelo3@aol.com) or Ralph Brandi (Internet: ralph@brandi.org).

FRENDX: Twenty-Five Years Ago (August 1982)

For sale items included John Herkimer's *Frendx* collection for 1973-1979; Jerry Johnston was looking for an Allied SX-190 manual; David McClaren was looking to buy a Hammarlund HQ-180AX, Mike Anger was selling a Drake FS-4 Synthesizer and Jim Conrad was looking for actual air-checks of full programs from WRUL/WNYW. Sam Barto announced that the seventh Annual New England Area DXers Outing was scheduled for Friday September 17th through Sunday September 19th with a Friday evening party, a Saturday banquet/awards/HAP auction and a Sunday cookout. In the Headquarters Report, Bill Oliver noted the formation of the Pacific Northwest, British Columbia DX Club (Phil Bytheway), the Central Maryland DXers Association (Donald Stillwell) and the Association of DX Reporters which was intended to replace the recently discontinued Newark News Radio Club. Popular Communications was scheduled to debut on August 20th with NASWA member Gerry Dexter writing the shortwave column, Al Muick handling the free radio column and Harry Helms editing a shortwave utility section. In Chris Hansen's Shortwave Center, Ed Insinger reviewed the Sony ICF-6800W; there was a Loundenboomer Report about "Running Interference", Neil Perdue wrote about a directive single wire antenna and Fred Osterman discussed the "Surge Shunt" transient arrestor. In the Technical Topics column, Editor Ed Shaw recognized "In Memoriam" the passing of NASWA's first Executive Editor back in 1972, Bill Eddings. Awards Chairman Dan Henderson issued his 25th report since taking over the program in 1973. Tom Alleman completed his 5th year as editor of the Update feature. In Log Report B, Editor Jerry Berg noted some very nice summer Peruvians on 4951 kHz and 5658 kHz and a Bolivian on 5504 kHz. *SW*

Musings

Bob Fraser, 255 Lincolnton Avenue, Belfast, ME 04915-7404

As Scott Barbour, the severe RFI I have experienced the last three summers has not appeared this year. If I had a suspicious mind, I would wonder if it was a jamming test by the U.S. government to blank out foreign broadcasts for some reason.

I have always experienced some noise or other since getting into shortwave back in 1973. Kevin Mikell's letter has given me some ideas on what they might be.

Then Doug Robertson and Kim Elliott made mention of more QRM from the new fluorescent light bulbs. After reading their letters in the Journal, I did a small experiment as I have one of these bulbs in a table lamp—Philips "Marathon" (60 Hz, 220 mA, Made in China).

Using my Grundig YB-300PE and its whip antenna, I tuned in Egypt (9990) then Russia (12070) near 2100 UTC. Both had good signals although Egypt had a mushy audio. With the light on, I heard no QRM on these stations but on an unused frequency on 41 meters, there was the noise within a foot of the lamp. Beyond, it was quiet. It was the loudest when I put the antenna right on the bulb. Later, around 0100 UTC, I tried the 49 meter band. The loud signals of Canada (6100), China (6040), and Japan (6145) covered the QRM. Cuba on 6000, the noise could be heard up to 18 inches away from the lamp. This was about what Dr. Elliott experienced.

It seems to me that with all our knowledge that electrical gadgets cannot be made to prevent RFI of any type.

On another matter, this morning on the BBC news broadcast over a local TV channel, there was mention that today (June 14th) marks the 25th anniversary of the end of the Falklands War. I still remember hearing Argentine Annie and Ascension Alice and have wondered if any bios have ever been written on these propagandists.

That reminded me of the first Iraq War and the Iraqi propagandists which I recognized as announcers on Radio Baghdad. I suppose they have been forgotten too. Most remembered by me is their interesting grasp of the United States when one declared that "your wife or girlfriend is sleeping with Bart Simpson."

73, Bob

Toshi Ohtake <ohtaket@yahoo.co.jp>, Tokyo, Japan

The first topic of the month is the Voice of Indonesia. Japanese Service of Voice of Indonesia, Jakarta, celebrated its 30th anniversary in early June. From the beginning of June they extended their Japanese service from 30 minutes to one hour. The time and frequency are from 1200 UTC to 1300 on 9525 kHz. Earlier they aired from 1130 UTC. The signal is well received here these days with SIO 454 to 453.

The second topic is about Radio Taiwan International Japanese program's test transmission.

Taiwan's Radio Taiwan international had been made a test transmission from May 27 until May 30 on 9735 kHz from 11:00 to 12:00UTC. The SIO rating was 453, then down to 452.

This is all for this month and wishing you good DXing!!

Toshi Ohtake, Japan Short Wave Club

Ed Insinger <Lenapeland@aol.com>, New Jersey

I have purchased an Etón E1 from Universal Radio. The day I called in to place the order, the sales associate said he had just received one returned. Apparently, the owner didn't know how to use it, so it was returned. This reduced the cost by \$100. I waited on the phone while he opened the box to ensure that there was no damage to the E1. When he said it was like new, I went ahead and bought it. Thus far, I have been pleased with its performance and quite amazed at its ability just using the built in whip antenna. It is an excellent combination of portable/tabletop radio, with obvious signs of Drake's engineering know how. This is a winner provided that Etón doesn't mess with the circuitry, the G1 should also be a welcomed addition for the radio enthusiast, but that remains to be seen. My biggest complaints are physical in nature: the flimsy/floppy whip antenna and the collapsible kick stand. I am in the process of putting the finishing touches on a custom-made wood stand that addresses both these issues, while being aesthetically pleasant.

I am always apprehensive about new models in that they tend to be underachievers and poorly built. Not the case with the E1! This is a class unit!

Best 73's, Ed

Joe Wood <joekennethwood@usa.net>, Greenback, Tennessee

I learned about some tornados in New Zealand via a RNZI broadcast. It does my old shortwave heart good to hear that SW is still getting international news out in a timely manner-even to the hinterlands of Greenback.

All of us in the shortwave hobby are continuously bombarded with talk of how shortwave is a dying medium, and news is now best relayed via other media. I agree that shortwave is no longer a primary source of news in much of the world, but earlier this week, I had the occasion to learn something via shortwave that I had not seen on any other media.

Yesterday evening while band scanning, I listened to Radio New Zealand International on 9615 kHz, and was amazed to hear of a series of strong tornados that had hit the country. Since I have several hobby related friends in that country, I immediately dashed off emails to them to check on their safety. Luckily, all were unharmed and suffered no damage.

I have yet to see any mention of these tornados in any local newspaper or on any televised news broadcast. Once again, a shortwave broadcaster has informed me about events on the far side of the globe that never made it into my local newspapers or television.

73, Joe

Mark Taylor <markokpik@tds.net>, Madison, WI

Your point (see Joe Wood's Musing, above) about those of us who listen being better informed than most people is well taken.

I remember several years ago, hearing about a major protest that went on in Quito for several weeks having to do with land reform. At one point there was a protest by 100,000 campesinos, many of whom had to walk into Quito because the national government blocked the roads into Quito to keep the protestors out. They simply got out of their buses and walked into the city. The only place I heard about it was HCJB (who still had English to North America). I assumed that because it was peaceful, the world press ignored it. I finally found a one paragraph story on the New York Times web site at the end of the weeks' protest when the government finally passed land reform legislation after being pressured.

Mark

Bill Tilford, Chicago IL

By the way has anyone tried getting a QSL from Radio Thailand since the coup months ago? I have no snail mail response from a report sent in January and their email from that period was shut down (I haven't tried 'radiothailandnews@gmail.com', but that will be my next move I think).

Regard, Bill

Chris Lobdell, Stoneham, MA

I was out at Baker's Island in Salem, MA harbor this past week and managed to do a little bit of DXing. Lots of atmospheric QRM hampered otherwise good conditions.

Scott Barbour, Intervale, NH

Scored a JPS NIR-10 from eBay this week. Makes a nice addition to the R8 with its noise reducing capabilities, although if the NIR level is set to high, vox audio sounds "clipped". Tomorrow UPS should deliver a demo RF Systems SP-2 splitter, via Universal, so I can have both my R8 and R75 operational at the same time. Looking forward to comparing receivers.

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

A slow month for QSLs probably reflecting, in part, a slow period for me in getting reports out to stations. I suppose it is difficult to stations to respond if you don't send them a report. A nice letter from Gerry Jackson at SW Radio Africa keeping their transmitter location a secret. Just prior to their close on shortwave, Ríkisútvarpid - RUV verified again with a personal letter from Sigrun Stefánsdóttir who included an interesting booklet about The Icelandic Broadcasting Service 1930-2000. Although they only broadcast in Icelandic, I will miss them on shortwave. IRIB has become a very good verifier although with their new Lithuania relay it is time for them to learn about indicating relay sites on cards, hi! Got a response back indicating site as "via Lithuania relay." This card was in response to an e-mail to "Dory" asking for that information to be included on subsequent reception reports. Hopefully, they will make this a regular habit on all subsequent replies. Finally, Dr. Benway replied to an electronic report with a quick electronic reply indicating a postal response will happen eventually.

73, Rich

Company Store

Jim Strader KB1KYW • 74 Miller St. • Middleborough, MA 02346-3216 • jimstrader@msn.com

Hello everyone. I just got off the phone with our supplier for "Passport to Worldband-Radio 2008" and the "World Radio and TV Handbook 2008" and it looks like the prices will remain the same as the 2007 issues. We expect delivery of 'Passport' in mid-September and the "WRTH" at the end of December. Support "your" club and order your copies from the NASWA Company Store this fall.

The bad news this month is that postal rates have risen and I'm forced to raise the shipping rates on most items. These rate changes might not appear on the back cover of the Journal for a month or so, but they are in effect now! The shipping rates for all of the books and T-Shirts will increase from \$4.00 to \$4.60 for delivery to the US and from \$7.50 to \$8.00 for delivery to Canada. The Sweatshirts will increase from \$8.00 to \$8.95 for delivery to anywhere in the US and from \$16.00 to \$17.00 for delivery to Canada.

I have been inundated with requests for payment via Credit Card and PayPal over the last few months. I'm happy to report that the club will now be accepting payment via PayPal and those who want to use Credit Cards can set up their own account at PayPal. The cost to the Club is \$1.00 per order so PLEASE add \$1.00 to your order for this service. The cost to NASWA to accept credit card payments is too much to justify.

If you wish to use PayPal use this address as the Payee: <mailto:weoliver@comcast.net>weoliver@comcast.net and send your order via email to <mailto:jimstrader@msn.com>jimstrader@msn.com.

Peace and Good DX, Jim



Easy Listening

Richard D. Cuff • 42 North 37th Street • Allentown, PA 18104 • richard@thecuffs.us

Easy Listening in the 21st Century— Tools that make life easier

With fewer broadcasters using shortwave, Internet listening has become one of the more common ways that programming enthusiasts can listen to programming that used to be available on shortwave. While parking oneself next to a laptop or desktop computer isn't the most convenient way for many to listen, the computer can nonetheless be helpful in another way—by digitally “capturing” audio that can then be transferred to an MP3 player or an iPod. Another option is to capture audio using analog technology—i.e. using a cassette recorder in connection with the external speaker or headphone jack on an Internet-connected computer.

While a shortwave listener would use a guide such as *Passport to World Band Radio* or *World Radio & TV Handbook* to identify what programming is on at a particular time and frequency, and thus have to be listening at the right time in order to catch a favorite program, there are software tools that significantly aid the programming enthusiast in capturing programs available for on-demand listening or downloading; some software tools enable streamed audio to be saved in a file on the user's computer, enabling that programming to be transferred easily to an MP3 player.

One such software program that I find particularly helpful is *Replay A/V*, a program that enables the user to easily save downloadable programming, and also can take streaming audio—audio not available for download—and save and convert it into an alternate format (e.g. MP3) that can then be saved on an MP3 player. *Replay A/V* improves over the prior *Replay Radio* software by directly capturing audio streams—you don't need

to stick with saving one audio file at a time, and you won't risk losing attention when your e-mail software emits a “ding dong” that would otherwise be audible on the recording you've saved. Additionally, you can use *Replay A/V* to simultaneously capture several programs at once, if they're available on-demand. The audio capture process—for on-demand programming, not live programming—is also quicker, as most audio servers will send your computer the content faster than it plays it back, thus allowing you to “save” audio much more quickly than if you were listening to the audio in real time.

Most major international and domestic public broadcasters make most (alas, not all) of their programming available for on-demand online streaming, even if this programming is not available for download. However, with *Replay A/V*, if it can be streamed, it can be downloaded, and thus made portable. Handy for that jog along the beach or that long-distance commute or for listening to something other than the prattle emanating from the television that another family member insists on watching!

Another handy feature of *Replay A/V* is its automated, timed recording feature. This is very handy for broadcasters that stream audio live but don't save it for on-demand listening; examples include *Canada's CBC Radio One* and some of the programs from *Radio Australia*. You can thus schedule your computer to launch an audio stream and save it automatically at a time when you aren't there—e.g. overnight or while you're at work. You can then, once again, transfer the resulting audio onto some sort of portable device.

With two kids at home, a wife who often works evenings, and a 45+ hour-per-week job, listening is catch-as-catch-can. Any

technology that improves the accessibility and portability of programming is a help to me. Further, most broadcasters now make their online programming available at a wide-enough bandwidth that it doesn't sound like it's telephone-line quality, and even live programming is rarely subject to audio dropouts as was the case in the early days of streaming audio.

On top of that, low-end MP3 players can be had for \$30 or less, and many have sufficient functionality—even at the low end—to be useful for streaming audio. The only key MP3 player features that I consider “must haves” are **resume** and **bookmark** features. **Resume** allows you to stop the player in the middle of a program, turn the player off, and then restart it at the same place. With an audio cassette, this isn't a problem, obviously. The **bookmark** feature allows you to mark a particular place in a particular file, and is helpful when you are transferring audio from a computer to an MP3 player. In some instances the **resume** feature will not work if you have changed the MP3 player's content since you last shut it off.

Replay A/V is developed and supported by Applian Technologies; visit <http://www.applian.com/> and click on “Replay A/V”. It's not cheap—\$49.95 if you don't already own one of Applian's predecessor products—but I find it adds significant flexibility and variety to one's program listening capabilities.

Broadcasters aren't planning as far ahead as before

Another trend in 21st Century listening is that broadcasters are making it easier to find out what's going to air in the next one to two weeks, but don't plan out program details much beyond that. Many broadcasters send out daily or weekly e-mail newsletters that carry details of the upcoming week's programming; these broadcasters include Australia's Radio National (individual programs, many of which air on Radio

Australia), the BBC's Radio 4, the BBC World Service, CBC Radio One, Deutsche Welle, NHK World Radio (Radio Japan), Radio Netherlands, Radio Prague, Radio Sweden, Radio Taiwan International, and the World Radio Network (which thus informs you of multiple broadcasters).

As a result, there aren't that many instances when I can include upcoming program highlights in the Journal, since the broadcasters don't publish their details far enough in advance. Only the BBC World Service comes out with programming plans more than one month in advance.

Upcoming BBC World Service Highlights

Heritage: The Balkans—the *Heritage* program is an occasional series of documentaries covering history and architecture, generally around a unifying theme. Malcolm Billings, the longtime presenter of *Heritage*, ventures to the Balkans in a four-part series to explore the reconstruction projects that are slowly restoring the region's cultural legacy. *Heritage* airs in the *Wednesday Documentary* program slot, which may be audible via the Africa focused shortwave service at Wednesdays 1406 and 2106; the program will be available for live online listening Wednesdays at 0806, 1106, 1906, and 2306 in the “World Service Radio” stream.

World Drama: Midnight's Children by *Salmon Rushdie*—this two-part adaptation of the winner of the “Booker of Bookers” prize tells the story of Saleem Sinai, born at midnight on August 15, 1947—the moment India gained independence. Live online air times include Saturdays, 1906 plus Sundays, 0106 and 2106, on the weekends of August 11th and 18th. Shortwave airtimes to Africa include Saturdays 2106, which should be audible in eastern North America.

That's all the time I have this month...see you in September!



Shortwave Center

John Figliozzi • 45 Algonquin Rd • Clifton Park, NY 12065 • jfiglio1@nycap.rr.com

There are challenges associated with being an "all shortwave" club that just didn't exist even as recently as ten years ago. Do we just soldier on here largely ignoring everything going on around us? Certainly what's happening in the wider world of communications ultimately affects everything we do, want to do—or unfortunately can no longer do—shortwave-wise.

So my vote is to include information in this section that serves to keep the membership at least somewhat informed about interna-

tional broadcasting topics generally, even if that doesn't always (directly) involve the shortwave medium. But this is your club, supported by your dues. What do you think? Feel free to tell me personally. But, more importantly, make this a dialogue by sending your thoughts to the Musings section.

Hope you enjoy this month's selections, as well as the rest of your summer. The new DX season is just around the corner. But summer is short up here in the north, so let's not rush things. OK?

Vatican Radio: 50 Years of Santa Maria Di Galeria

By Tony Ashar and Mike Casey

(World DX Club Contact)

The agreement between Italy and the Holy See of October 8, 1951 acknowledged the extra-territorial status of the area of Santa Maria di Galeria, destined to become the telecommunication centre of the Holy See. Situated about 20 Km from Vatican City, the area at that time belonged to the German-Hungarian Pontifical College and covered approximately 450 hectares, a good part of which devoted to agriculture, even today.

Thanks to the transmission installation of the new Radio Centre, inaugurated October 27, 1957 by Pope Pius XII, the Holy See became independent and was able to communicate with the entire Catholic world.

The Short Wave transmitters are installed in the main building which is hexagonal-shaped and features the electrical-supply equipment on the lower floor, while nine transmitters of various type and age are situated on the upper floor (see box). The Medium Wave transmitters are kept in a smaller building and are remotely controlled. Three rows of fixed directive antennas for

Short Wave depart in a "Y" from the main building. There are 28 of the curtain dipole type, which are invertible and positioned in such a way as to serve all the required areas with the appropriate frequencies and directional angle. Three rotating antennas, positioned at the extremities of the three rows, complete the Short Wave antenna park. The Centre also features two Medium Wave directive antenna systems.

The management of the Radio Centre has always included technical personnel in the projection and construction of installations. Currently, modern digital techniques of modulation are being introduced: in particular, experimental transmissions according to DRM standards (Digital Radio Mondiale) have begun. Vatican Radio is an active member of the Digital Radio Mondiale Consortium. For some years now the principal international radio stations whose programs are transmitted via satellite have been exchanging broadcasts.

The Frequency Management Department plays an important role in the scientific selection and coordination of appropriate transmission frequencies in international sites. As far as the environmental issue of

electromagnetic fields is concerned, the emissions are monitored by the appropriate Vatican offices who have always complied with the most rigorous security standards established by the World Health Organization. In conclusion, it can be said that the presence and careful maintenance of our installations have preserved the natural environment of the Roman countryside of the 1950s, which has by now disappeared elsewhere.

Constantino Pacifici, Director of Santa Maria di Galeria Centre

Transmitters:

- 1 × Philips
- 2 × Telefunken
- 1 × RCA
- 1 × Telefunken
- 1 × Telefunken PDM
- 1 × Thomcast

(From information obtained from the Vatican Radio newsletter)

Part 4: Radio landscape in Cambodia

Lecture at EDXC Conference in St. Petersburg
20 October 2006 by Anker Petersen

Country and people

The Khmer Republic or Cambodia has a size of about half of Finland and is by that the smallest of the four countries, I visited.

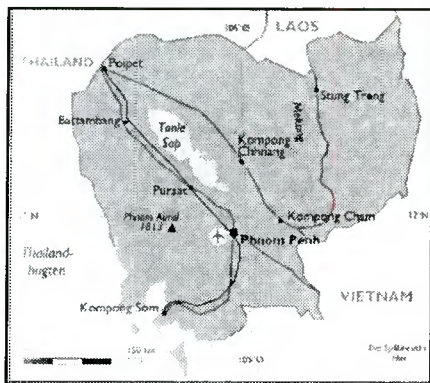


Cambodian women planting rice.

The population is 13 million out of which 90% belong to the Khmer race and speak the Khmer language which we call Cambodian. It has its own alphabet which is completely illegible to us westerners. The remaining 10% speak French, Chinese, Vietnamese and tribal languages, of which Cham is the biggest with 150,000 speakers. Thus Khmer definitely is the dominating language in broadcasting.

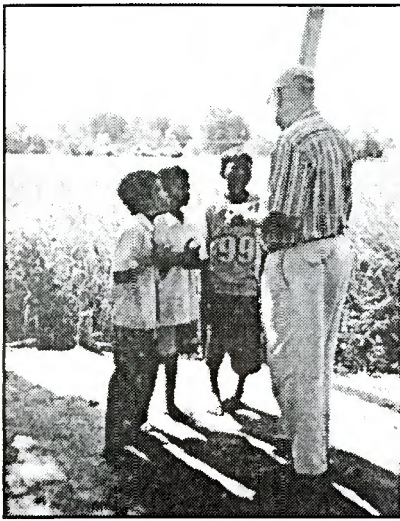
90% of the population live in the countryside and have a simple career within agriculture growing rice and vegetables, forestry or fishing. As in Laos, their average income is often less than 1 U.S. Dollar per adult person per day.

They told me in English about their school which can be seen behind the full grown ricefield.



Map of Cambodia.

In contrary to the other countries, its shape is more or less circular with the capital Phnom Penh located just south of its center. The central part of the country which I saw during a 500 kilometres busdrive was completely flat and filled with rice fields, small woods, lakes and rivers. However, in the SW-part and at the NE borders to Vietnam there are some mountains.

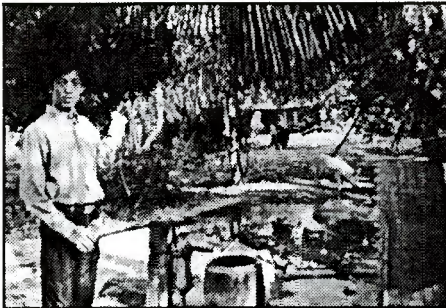


Cambodian boys at ricefield.

They also sang a little song for me.

I noticed that the Khmer race is clearly more brown in skin than the people of all neighbouring countries.

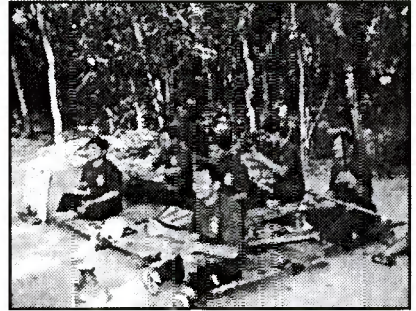
His normal job is being a school teacher for the two youngest classes. He has one class with 55 pupils and another one with 60 pupils! His monthly salary is only what equals to 20 U.S. Dollars! He is married and has three children.



Our local Cambodian Guide explains in excellent English how the people live in the village of Chiphu.

In the evenings he is studying at the University in Phnom Penh in order to become a High School teacher. These studies are paid by U.S. AID. He is also a tour guide for tourists to add an extra income—and he was an excellent one!

In year 802 the Khmers declared independence from the Empire of Java and the famous temples at Angkor Wat were built as a national symbol. It was a part of French Indochina from 1907 until 1972 when it became independent.



The Cambodian people have suffered unbelievable much during the Khmer Rouge regime and the war with Vietnam. Here is an orchestra playing traditional Cambodian music in the jungle near one of the Anchor Wat temples. The musicians are all handicapped by landmines and the man to the right has taken off the artificial leg.

The extremely socialist Khmer Rouge (Red Khmers) which were supported by China, took power in 1972 lead by the dictator Pol Pot. He literally wiped out all intelligent people in the country and ordered a massacre executing more than 1.5 million Cambodians. He forced all the remaining inhabitants in the capital Phnom Penh and other cities to work in the countryside to produce rice! During the next six years the official name of the country was "The Khmer Republic".

This became too much for the now independent Socialist Republic of Vietnam which invaded Cambodia in 1978 and forced the remains of the Khmer Rouge up in the mountain jungles.

Today Cambodia is a constitutional monarchy with a democratically elected government supported by the United Nations. I saw many election posters along the streets from the two main competing political parties. The renowned Norodom Sihanouk was King in Cambodia in 1941-1955, 1975-1979

and 1991-2004 when the then 82 years old monarch abdicated to his son Sihamoni.

Broadcasting history

In 1948 the French rulers established Radio Cambodge in Phnom Penh with a SW transmitter in the 49 mb of 1 kW.

From 1954 it was also called Radiodiffusion Nationale Khmère.

During the Pol Pot regime it was called the Voice of the United Front of Kampuchea from 1975. The transmitter facility at Steung Meanchey in the SW outskirts of Phnom Penh was established. This station began as clandestine broadcasts from Hanoi in 1971 on various SW frequencies from 4 to 12 MHz.

During the Vietnamese invasion 1978-1991, the station got the name the Voice of the People of Kampuchea. Since its independence it has had the name the National Radio of Cambodia in 1993. Until 2003 it was regularly heard on SW on two frequencies, one for a relay of the domestic channel - first on 4907 kHz and later on 6090, and one for the external service on 11940 kHz in various languages.

Present status

During my tour, I tried many times to hear Cambodia on any of these three SW frequencies, but all in vain! I saw the reason when I passed the 50 kW transmitter site at Steung Meanchey in the southwestern outskirts of Phnom Penh: The shortwave antennas had been dismantled!



The Steung Meanchey site.

A couple of years earlier, a German DXer Uwe Volk had passed this site and saw them operational.



TV-antennas in Kampong Thum. Some, but not all houses in Cambodia has TV-antennas on the roof.

On MW I heard the National Radio of Cambodia broadcasting from Phnom Penh on 918 kHz and from Battambang on 999 kHz.



Palm sugar is widely sold in Cambodia and a source of income to many. It is first stamped as we see it here, and then cooked.

There are much more FM and TV transmitters in Cambodia than in Laos. From my hotel in Phnom Penh, I was able to hear 23 FM-stations and from my hotel in Siem Riep 11 FM-stations. Most were broadcasting in Khmer language.

Besides the governmental station there were several private stations and also stations relaying foreign broadcasts from the BBC, Radio France International, Radio Australia, the VOA, Radio Free Asia and FEBC.

DXing to other countries

International broadcasts

From SW transmitters outside SE Asia several international radio stations have daily broadcasts to these four countries, mostly in their main, native languages. When you add the Chinese and Indian languages, Malay and Indonesian, you can imagine that the bands are filled with broadcasts, a European does not understand!

However, the newscasts in English could still be followed, if the schedules are known. I was able to identify the following international broadcasters: BBC, Deutsche Welle, R France International, Voice of Russia, VOA, R Free Asia, China Radio International, R Taiwan Int., R Japan and R Australia.

Furthermore some of the bigger hotels offered several TV-channels from stations abroad.

They also had their own internet café with ADSL Broadband and by that I was able to stay in daily contact with DX-friends by e-mail and get news from home via websites. Internet cafés were also seen on the streets in most bigger cities. They used modems and were cheap to us, but not to the ordinary Cambodian..1 Dollar for one hour connection. During that hour, I got an e-mail from a DX-er in U.S.A. with comments to a logging of a Chinese station; I had heard and reported from Vietnam!

Regional domestic stations

Domestic SW-stations in central and southern China and in India and Malaysia were heard well on many frequencies.

From Indonesia I was only able to pick up eight domestic SW stations. But Myanma Radio (former Burma) was heard on 5040 and 5986 kHz, the latter in English with SINPO 45444!

I was also able to hear the Myanma Defence Forces Broadcasting station on 5770 kHz.

From the Philippines I picked up the PBS on 9620 kHz which only used 250 watts of power. Singapore was audible with strong signals on 3915 (BBC), 6080, 7170 and 7235 kHz.

And finally I will mention Bhutan which I could hear on 6035 kHz when Kunming in China was off the air.

Trends in domestic broadcasting on the Tropical Bands

Those of you who heard my lecture at the EDXC Conference in Königsstein, Germany in August 2003 will remember that I made a disturbing forecast. It was that the number of broadcast transmitters on the tropical bands would continue to decrease, like they do on the international broadcast bands.

Unfortunately my monitoring in SE Asia confirms that trend.

The SW transmitter near Phnom Penh definitely has been dismantled.

The small domestic SW transmitters in Northern Vietnam at Lai Châu, Lào Cai, Hà Giang, Cao Bang and Yên Bái all seem to be off the air, as well.

The only two which still are active on the Tropical Bands are Xam Nua in Laos and Son La in Vietnam. The other active SW transmitters are used for external services on the international bands.

We are approaching the end of the Era of Domestic broadcasting on the Tropical Bands for three main reasons:

1. The technical standard of a large part of the transmitters in the tropical countries is poor.
2. They cannot be repaired for financial reasons.
3. New technologies replace shortwaves in urban areas.

Conclusion

Let me conclude this lecture with the hope, that I have brought your more knowledge on the radiolandscape in Thailand, Vietnam, Laos and Cambodia which in many ways are very different from our countries.

It was my impression that SW listening also is on decline there.

It is being replaced by FM, ordinary TV, Satellite TV and Internet as in the industrialized world. Particularly in Thailand, Vietnam and Cambodia it is a matter of prestige to have FM radio and ordinary TV in each house.

AIB Industry Briefing

Management, strategy, programming—6 July 2007 Welcome to the latest news briefing from the AIB—the industry association for international broadcasting and electronic media.

Check out the regularly updated news pages of the AIB website, at www.aib.org.uk, where you'll find much more information on the global media business.

Confusion is the order of the day in Europe when it comes to **mobile TV**. Insiders at the **European Commission** say that in the next few days, there will be an endorsement of DVB-H for Europe's nascent mobile TV industry—essentially mandating the standard for use across Europe. That's not fair, say proponents of competing technologies—DMB and MediaFLO. The reason for the EC's probable decision on DVB-H: it's a system that's been developed in Europe. DMB, it says, is Korean. This rather misses the origins of DMB—it is based on the Eureka 147 DAB standard which was developed...in Europe. However, it's the Koreans who are behind the move from an audio-only system to one that can provide mobile TV reception. And it's Korean handset manufacturers who have come up with combined phones and mobile TV receivers. Europe's missed a trick here, we think. Meanwhile, Qualcomm is crying foul as it wants MediaFLO, a system it has developed, considered as a potential mobile TV platform. The company is calling on the EC to answer some tough questions, including *Shouldn't the industry focus on spectrum harmonisation in order to enable commercial mobile TV in Europe? Will free and fair competition foster competition and encourage technology innovation? How will mandating a single technology influence the mobile TV*

market as a whole? What are the appropriate business models for mobile TV? Meanwhile, broadcasters are going their own way about introducing mobile TV. In Italy, RAI is planning to develop a nationwide DMB service, rather than DVB-H, citing costs as one of the main factors and suggesting that developing a national DVB-H network would be prohibitively expensive. Just how the European Commission can hope to impose its sense of order on the mobile TV market remains to be seen.

British radio listeners are going to be spoilt for choice next year, following the award of the second national **digital radio multiplex** to 4 Digital Group, a consortium led by Britain's national TV broadcaster, Channel 4. There were two applicants for the DAB multiplex and on Friday 6 July, media-to-telco regulator Ofcom announced that 4 Digital had beaten the competing application led by infrastructure company National Grid Wireless. The digital radio award comes at a time when some people within Britain's commercial radio industry are questioning the amount of money that DAB's roll-out has cost them. Wouldn't the GBP130million (around US\$260m) have been better spent on on-air talent to enable commercial radio to compete head on with the BBC, we're heard asked in recent weeks. Perhaps the new range of national channels, backed by a major TV brand, will be able to breathe new life into UK commercial radio and take on the BBC. One plan that the winning bidder has is to air a news and current affairs program at breakfast time to compete head-to-head with the *Today* program on BBC Radio 4. Established almost exactly 50 years ago, *Today* effectively sets the news agenda for the day and is listened to by

just about every UK politician and opinion-former, many of whom vie for the privilege of appearing on the program, despite the presenters' reputations for being very tough interviewers. Will the Channel 4-produced equivalent be able to weave itself into the fabric of UK society to the same degree? The jury's out.

Iran is seeking to influence the international news agenda and has chosen to launch an English-language TV channel. Press TV launched on 2 July and is available on a number of satellites, but not on any of the world's DTH packages, such as Sky or Star. The channel draws its news presenters from Iran and the UK and all men appear without ties and women with their heads covered. News bulletins appear to be broadcast every two hours, lasting 30 minutes each. The presentation is, from initial observations, rather old-fashioned. The news studio has one fixed camera and there's none of the buzz that appears on other international channels that show the station's news room. Press TV is streamed on the Internet, and its website carries the main news stories of the day. The site looks remarkably similar to that of the BBC's news site, with almost identical layout. Imitation is the greatest form of flattery, the saying goes. The channel's correspondents have come from a number of networks—the London correspondent, Amanda Burt, was with Russia Today TV for example.

As the BBC's **Alan Johnston** was released on 4 July, the world of journalism breathed a collective sigh of relief. It was great to see Johnston in seemingly good health and high spirits, despite the privations he had suffered during 114 days in captivity. Echoing the sentiments of an earlier British hostage in the Lebanon, Terry Waite, Johnston said after his release that listening to the BBC World Service was a great comfort. Tens of thousands of people had signed an online petition calling for the correspondent's release, and vigils had been held by colleagues throughout the BBC. Meanwhile the International News Safety Institute released statistics saying that the toll of journalists killed in the first six months of 2007 had already reached 100. 83 journalists and 17

other media professionals have died covering news stories between 1 January and 26 June, compared with 68 at the same time last year. INSI recorded a total of 168 casualties in 2006, the worst year ever. The 100 mark was reached in Iraq—the worst killing ground for the news media in modern times—with the assassination on Tuesday of Hamed Sarha, 57, shot by unidentified gunmen on his way home. Iraq's press syndicate president Shehab al-Tamimi said Sarhan had been a journalist for 30 years in newspapers, magazines and for the Iraqi news agency. He leaves a widow and five children. "This is a shocking development. We have never known such a high death toll half way through a year, and we fear for what might be to come" said INSI Director **Rodney Pinder**. "It is even more terrible that the 100th victim should be a veteran Iraqi. Sarhan and his family by rights should be enjoying the fruits of real press freedom today for the first time in all his years on the job, most of them under dictatorship. Instead, he is gone and his family, like so many in Iraq, is in mourning. Democracy has even less chance of taking hold in Iraq while journalists are being slaughtered like this."

RFE/RL's Armenian Service offered intensive coverage of the May 12 parliamentary elections in Armenia—work that's been recognized by the OSCE. On Election Day and the day after, the Service broadcast live for over three hours, with special election programs produced in both Prague and Yerevan. The coverage was singled out for praise by the OSCE/ODIHR joint observation mission for its balance and thoroughness.

Radio Australia continues to expand its FM network throughout the Pacific. The station now delivers high quality broadcasts to audiences in the key urban centres across the Pacific. Providing a diverse choice of programmes that previously have been available only via shortwave and select rebroadcasts from Pacific national broadcasters, Radio Australia is keen to increase the interaction with audiences from across the Pacific. With new services switched on this month in the Cook Islands, Papua New Guinea, Kiribati and, in the near future, Vanuatu, the FM network continues to

build on Radio Australia's long-standing commitment to Pacific audiences. Newly-appointed CEO of Radio Australia Mr Hanh Tran is delighted with the growing Pacific FM network. "It is exciting to see that in the Pacific our traditional radio business is alive and well, and if anything becoming more relevant to audiences than ever before. It's a reflection of our diversity that we can provide quality and tailored content to audiences in Asia via a range of online services and to urban areas in the Pacific via our own 24-hour FM broadcasts. It shows the true meaning of being a multi-platform, varied-content provider while meeting the demands of audiences that rely on us," stated Mr Tran.

Russia Today is making an impact in its country of origin, research suggests. A public survey carried out by Magram Market Research commissioned by the NTV Plus satellite television company, the share of monthly audience of the Russia Today TV channel was 16% in Moscow and 25% in other regions of Russia. The audience of Russia Today in Moscow is higher than the respective figure of CNN that has reached 15%. The Bloomberg TV channel specializing

on financial and economic news is interesting for 14% of Moscow respondents. At the same time, five per cent of the audience watch Russia Today nearly every or every day, 21% of the respondents do this once or twice a week and 14%—fewer than once a week. Fifteen per cent of the Moscow respondents are employed in the industrial sector, 12%—in the finance, banking and insurance sectors, 6%—in public management and another 6%—in science and education. Thirty-nine per cent of the polled are mid-managers and 16 per cent are top managers. The survey sampled more than 2,000 subscribers of NTV Plus in Moscow and other regions of Russia and was carried out in a way of telephone interviews from December 2006 to February 2007. Men and women aged 16 to 60 took part in the survey. "The news from Russia Today aim primarily at the English-speaking audience. Our audience in Moscow and Russian regions are all those who need unbiased and interesting information about Russia on a daily basis, but who do not speak Russian. The survey was made in winter. However, we have all reasons to believe that today these figures could be even higher," Margarita Simonyan, Editor-in-Chief of Russia Today, said.

Public service broadcasting in India

All India Radio (AIR) is facing an uncertain future, according to Abhijit Bora, a media analyst and lecturer at Gauhati University, in Assam. Speaking at the RadioAsia conference in Singapore, he said that AIR was struggling in the face of stiff competition from commercial rivals and an indifferent government. The government controlled AIR was the chief provider of news and information to Indians for almost 70 years. It has a near 100 per cent penetration of the country and broadcasts in 21 local languages and 146 Indian dialects.

The landscape changed dramatically, though, in 1995, when the Supreme Court of India ruled that the airwaves were public property. The Court's decision implied that the government should not be allowed to monopolize radio. The ruling opened the floodgates and requests have come pouring in from private companies and community

groups alike for FM licences. Even foreign broadcasters have joined in, with the BBC alone acquiring seven licences. They will be joined by many more, as the government is preparing to accept bids for another 340 FM stations. Under Indian legislation, none of the private, foreign-owned or community stations will be allowed to carry news bulletins.

Abhijit Bora expressed concern that the liberalization of the airwaves could affect national unity, as well as depriving hundreds of millions of people of an important source of education. He said that from its earliest days, in the 1930s, AIR had not only brought Indians closer together, but also "played an important role as an Open University for people in rural areas." Around 70 per cent of Indians live in remote areas, while 60 per cent are illiterate. Poverty and other factors prevent many adults from acquiring an education. Abhijit Bora said

that commercial broadcasters were interested only in playing Bollywood songs, while community and educational stations did not have the resources or backing to assume AIR's mantle. Several speakers had earlier accused the private FM stations of lacking imagination and of all sounding the same.

Abhijit Bora complained that the government had turned its back on radio, in favour of aiding the expansion of cable TV. The government was withdrawing funding for radio to encourage AIR to generate its own revenues. However, Abhijit Bora claimed that AIR lacked both the experience and the know-how needed to exploit business opportunities and attract advertisers. He

suggested the situation was further complicated because despite everything, the government still relied on AIR to reach voters in remote areas. The irony was that AIR continued to suffer from its image as a government mouthpiece, which made finding its own feet harder still. Public service broadcasting in India, concluded Abhijit Bora, "was not an encouraging scenario."

(<http://multimediamettersradio.typepad.com/ebu/2007/06/public-service-.html> via Gupta, Jun 23)

(The following reprinted from the DX Listening Digest (dxld) e-mail list and first published in the London Sunday Telegraph on June 24.)

UK radio companies call for AM and FM switch-off by 2015

By Juliette Garside Sunday Telegraph 24 June 2007

Britain's commercial radio companies are lobbying for the FM and AM radio signals to be switched off, leaving listeners forced to tune in via digital radio sets or the internet.

The nation's network of terrestrial TV transmitters is due to be shut down in just four years' time. Now, the radio companies want the AM and FM signals to follow suit, with some broadcasters calling for a shutdown as early as 2015.

The radio companies claim that their medium will be left behind unless the government orders a cut-off date.

But the move is likely to spark a debate about whether listeners should be forced to junk their old radios and upgrade to a technology many see as unnecessary, or even inferior.

Industry body the RadioCentre will write to communications watchdog Ofcom next week calling for the regulator to set a date. Chief executive Andrew Harrison said: "If you've

got every home wired up to broadband, every home with a digital TV, everyone with a 3G phone and an iPod, the traditional analogue radio is going to look very old-fashioned. In five years' time Britain will be a digital economy, and radio should play its role in that."

Digital radio sets allow users to pause and rewind live radio, and receive news and traffic alerts in text form across a built-in screen. Ultimately, radio transmitters will be able to send images to go with the sounds, and listeners will be able to buy music or download programmes over the airwaves.

British radio companies are spending £20m a year on digital radio services. But they argue shareholders will withdraw support for that investment unless a cut-off date is named.

John Myers, chief executive of GMG Radio, which broadcasts the Saga and Smooth stations, believes the move should happen as early as 2015.

But he conceded that it was a politically sensitive decision. "We are being held up by a lack of vision from ministers. "

While digital TV has had powerful champions in BskyB and Freeview, only 16 per cent of radio listening is via a digital platform. These include DAB, which is broadcast through aerials, the internet, and radio over the TV.

The BBC is not in a hurry to name a date. It will tell Ofcom's consultation on the future of radio that it wants a cross industry working party, and a review in 2010.

Chrysalis Group is finalising the £170m sale of its radio stations Heart, Galaxy and LBC to

financier Michael Tabor. An announcement could come tomorrow.

Chief executive Richard Huntingford is expected to announce his resignation, after a handover period. He will receive a bonus estimated at around £1.5m for completing the sale. Chairman Chris Wright will stay on to lead the rump of the company, a music publishing business valued at £105m .

<http://www.telegraph.co.uk/money/main.jhtml?xml=/money/2007/06/24/cnradio124.xml>

NASB Newsletter

Excerpts from the June 2007 issue

2007 NASB Annual Meeting a Big Success

NASB's 2007 Annual Meeting took place at the HCJB Global Technology Center in Elkhart, Indiana on May 11. It was preceded on May 10 by the USA DRM Group Meeting at the same location. In this month's NASB Newsletter, we have a news release from HCJB about the two-day conference, as well as an article by Jeff White about the USA DRM Group annual meeting on May 10. In next month's NASB Newsletter, we'll have Jeff White's report about the NASB annual meeting which took place on May 11.

The NASB website (see URL above) will soon include photos, audio files, and Power Point presentations from both days of the Elkhart meetings.

Broadcasting With a New Voice

News release from Ralph Kurtenbach, HCJB Global

Digital shortwave radio broadcasts from four international broadcast sites highlighted a recent conference of the National Association of Shortwave Broadcasters hosted by the HCJB Global Technology Center in Indiana, USA.

"We were able to receive all four signals, including the HCJB signal at only four kilowatts. It was good audio quality," said Brent Weeks, a design engineer with Radio Station HCJB in Quito, Ecuador. Conference attendees also heard test broadcasts from Radio France International in French Guiana, Vatican Radio in Italy, Radio Canada International in Canada. The stations are part of Digital Radio Mondiale (DRM), a global consortium of broadcasters, broadcasting associations, network operators, manufacturers, research institutions, regulatory bodies and others.

"We were getting a good reception of the digital shortwave where normally, with an analog broadcast, it would be marginal at best," Weeks said of the May 10-11 broadcasts received at the annual meeting of the National Association of Shortwave Broadcasters (NASB). "It shows the potential of the digital shortwave medium for long distances and low-power broadcasts. You can go farther with a clearer signal."

Glenn Nelson, a radio frequency technician from the National Institute of Standards and Technology, added: "I was impressed with the DRM demonstrations. DRM may have a large impact on the shortwave market when [digital] receivers become [more readily] available."

The DRM consortium held meetings in parallel with the NASB conference, which have historically taken place in Washington, D.C. "Much to our surprise and pleasure, it was the most-attended annual meeting we have ever had!" said NASB President Jeff White. Fifty-eight attendees took part, coming from the U.S., Canada, Belgium, U.K., France, Germany, Ecuador, Singapore and Russia.

Shortwave broadcasting hasn't changed much since its beginnings during the early 20th century. Analog shortwave broadcasts usually carry noise of some kind due to interference and fading. However, the development of the DRM technology has the potential to revitalize not only shortwave, but AM transmissions also, by providing digital-quality broadcasts. Most agree that the success of DRM technology depends on the availability of low-cost receivers, an issue addressed by a positive announcement made at the conference. Fraunhofer, a German-based company and one of the principal developers of DRM technology, will begin working with ST Micro Electronics to develop a low-cost, low-power receiver chipset. This is a necessary ingredient in the manufacturing of low-cost receivers for widespread distribution.

Attendees also enthusiastically discussed the possibility of a roll-out of receivers by the 2008 Summer Olympics in Beijing, China—a target date for multiple DRM broadcasts, as China is promoting DRM as its digital radio format. All were eager for the digital upgrade to the HC100 (HCJB Global's 100 kilowatt) shortwave transmitter which has the potential to reach China with digital programming.

Charlie Jacobson, manager of the International Broadcast Technology group of the HCJB Global Technology Center, was excited to be able to "draw special attention to this [DRM] technology by hosting the meetings at our tech center, the only U.S. entity to have developed DRM transmission equipment. It is also a great opportunity to expose a broader segment of radio people to the activities and ministries of HCJB Global." The meetings featured a presenta-

tion and tour of the technology center.

Attendees were impressed with the work of the ministry. Allan McGuirl, Senior International Director of Galcom International, observed, "It's evident the Lord's hand is upon your ministry. We praise God the way He is using you around the world. We pray that the Lord will continue to build your ministry up to reach many more unreached people groups through Christian radio."

Special Voice of the NASB DRM Broadcasts from Canada

We would like to thank Jacques Bouliane and Gerald Theoret of CBC Radio Canada for allowing the NASB to broadcast a series of programs in DRM via their Sackville, New Brunswick facilities from May 1-12, 2007. The NASB received a number of reception reports from listeners who picked up these DRM transmissions in various parts of the United States and also in Germany. We also received audio files of some of the broadcasts, and they were all of excellent FM-like quality, even the one from Europe. The programs broadcast on this "Voice of the NASB" DRM series were contributed by several of our member stations and associate members.

Radio Free Asia Releases Art Series of QSLs May 2007

RFA's Technical Operations Division is proud to announce the release of the company's new series of QSL cards commemorating the youth of the world, and the spirit of democracy and freedom. The designs of the first three QSLs were created on April 26, 2007 during RFA's annual "Take Our Daughters And Sons To Work Day" in Washington DC; the fourth design, set for use in August, was drawn on April 27, 2006 during the previous year's event. Each design is one of many drawings made by the children of RFA personnel, inspired by the work their parents create daily at RFA.

RFA welcomes all reception report submissions at www.techweb.rfa.org (follow the

QSL REPORTS link) not only from DX'ers, but also from its general listening audience. Reception reports are also accepted by email at qsl@rfa.org, and for anyone without Internet access, reception reports can be mailed to:

Reception Reports

Radio Free Asia

2025 M. Street NW, Suite 300

Washington DC 20036

United States of America.

Upon request, RFA will also send a copy of the current broadcast schedule and a station sticker.

HFCC News

The B07 HFCC Conference will be held in Birmingham, England August 27-31, 2007. It is being hosted by Christian Vision, assisted by FEBA and NASB member FEBC. More information is available on the HFCC website, www.hfcc.org. NASB Vice President Mike Adams on FEBC will be our official representative at the conference, although other NASB members will also be participating.

The HFCC-ASBU Steering Board, meeting in Prague on May 18, agreed that the A meeting each year (normally held in February) should be a joint meeting with the ABU-HFC (i.e. the Asia-Pacific coordination group). Because of travel distances and the costs of traveling such distances, the HFCC SB feels the venue should alternate between the ABU-HFC region and the HFCC-ASBU region. No host or location has been chosen yet for the A08 meeting, but the likely dates are February 4-8, 2008.

A review of HFCC membership fees is urgent to cover income vs. expenditure shortfalls. Options will be presented at the plenary meeting at the B07 HFCC Conference in Birmingham.

NEXUS-IBA, Italy has applied for HFCC membership. They will be invited to attend as observers at the Birmingham conference in August.

The HFCC is now a Sector Member of the International Telecommunication Union radio sector (ITU-R), so it can attend ITU-R meetings. The SB agreed that the HFCC should take up this opportunity, especially at WRC07, which is very important to the broadcasting service. The WRC07 will take place in Geneva, Switzerland from October 22 to November 17.

The possibility of regular DRM transmissions on the 26 MHz band was discussed at the recent HFCC Steering Board meeting. This raises various regulatory questions, such as should they be coordinated on an international level or just a national level. There is also the question of how to protect international broadcasts on the 26 MHz band from local DRM broadcasts. It was proposed to divide the band into two portions permitting long distance international services into one segment and local services in the other segment of this band. National and regional administrations will need to be consulted on this.

The Steering Board agreed that non-members' broadcast schedule requirements should be included in the HFCC database, but those non-members will not have access to the private portion of the HFCC website. The NASB has been acting informally as a liaison between the HFCC and various Latin American shortwave stations for a number of years now to submit their frequency requirements to the HFCC, and we have recently been contacted by two additional stations in Colombia which would like to be included in future HFCC databases.

An issue was raised by Radio Canada International about the Canadian time-signal station CHU on 7335 kHz, which has had some recent interference issues with broadcasting stations. The HFCC Steering Board believed that this requirement should not be included in the HFCC database, but

information about the transmission will be provided to HFCC members outside the database. Such fixed service transmissions can continue to operate in the 7300-7350 kHz range as long as they don't interfere with broadcast stations.

NASB Members:

Adventist World Radio

Assemblies of Yahweh

Family Stations Inc.

Far East Broadcasting Co.

Fundamental Broadcasting Network

La Voz de Restauracion Broadcasting, Inc.

Le Sea Broadcasting Corp.

Radio Miami International

Trans World Radio

Two If By Sea Broadcasting Corp.

World Christian Broadcasting

EWTN Global Catholic Radio WEWN

NASB Associate Members:

Beth Shalom Center Radio

Comet North America

Continental Electronics Corporation

George Jacobs & Associates

Good Friends Radio Network

Hatfield and Dawson Consulting Engineers

HCJB World Radio

IBB

TCI International, Inc.

TDF

TDP

Thomson Broadcast and Multimedia

VT Merlin Communications

National Association of Shortwave Broadcasters

10400 NW 240th Street, Okeechobee, Florida 34972

Ph: (863) 763-0281 Fax: (863) 763-8867
E-mail: nasbmem@rocketmail.com 



Kim's Column

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<http://www.kimandrewelliott.com>

This column, with links, is available at this URL publicized only to NASWA members: <http://www.kimandrewelliott.com/index.php?id=2022>

A bio about Willis Conover

For the IBB employees' journal *Tune In*, I wrote this review of *Willis Conover: Broadcasting Jazz to the World*, by Terrence M. Ripmaster. (iUniverse, 2007)...

If you go to my website about international broadcasting and search on "jazz," you'll see several entries about musicians who were inspired by Willis Conover's jazz broadcasts on the Voice of America. They listened from East Europe and the Soviet Union, as expected, but also from India, Cuba, Sweden—all over the world, actually.

My own first memories of Willis Conover were as a teenaged shortwave listener in Indiana. When I began working at VOA in 1985, I considered it a perk to encounter the famous international broadcaster in the corridors. Willis always had a smile and a hello for me. I don't think he ever knew my name.

Given all the people who knew Willis, or at least listened to him on the radio, it's surprising that the first biography about his was written by someone who had never heard of him until after Willis's death in 1994. Nevertheless, Terrence M. Ripmaster, a retired history professor, is an expert on jazz and its history, so he writes with authority and recognizes the significance of Willis's career.

Ripmaster goes back to the early days of Willis's life. At age 16, he started a publication for devotees of science fiction. By World War II, his interests had shifted to music. During and after the war, he was able to get work as host of jazz programs at radio stations in and around Washington. This is in the days before radio was focused-grouped and formatted, and when jazz was almost mainstream.

That must have been quite a time, those hipster days of the 1940s and 1950, when Willis frequented the jazz clubs of Washington and New York. Cigarettes were more fashionable back then, and smoke filled clubs even more so. I regret that I am a bit too young to have experienced that scene, though my lungs are probably the better for it.

As Ripmaster writes, for unknown reasons, Willis largely quit the club scene when he was hired by the Voice of America, his first program in January 1955. Willis always worked for VOA as a contractor rather than in the civil service. This, he said, was to protect his "independence," though it may also have provided him with more generous remuneration than received by the usual starting VOA broadcaster. Willis did not receive benefits, such as health insurance, which would have helped him as his health failed in the 1990s.

Ripmaster describes Willis's many overseas trips, his efforts to break the color line in the jazz scene, and his personal life. We readers of biography always love gossip, personal stuff ... you do ... don't you? ... and so we learn about Willis's five marriages, which produced a grand total of zero children. But here, the author's research trips up a bit. On page 11, he writes that Willis married his first wife, Mary Felker, in 1952. On page 19, we read that his marriage to Felker was in 1947, ending in divorce in 1950.

Well, biography is difficult, especially when it involves gathering information from the National Archives, from the Willis Conover collection at the University of North Texas (did Willis ever set foot in Texas?), from Willis's friends and associates, and from VOA itself. Ripmaster's book meanders, like a procession of 4 x 6 index cards, so you have my permission not to read it from front to back, but to choose chapters as your mood suits.

When I interviewed him for VOA's "Talk to America," Ripmaster told me there is enough material about Willis at the University of

North Texas for at least two more books. In the meantime, there is plenty of good reading in his book for anyone interested in Willis's life, VOA's past, or the history of jazz.

[You can listen to that Talk to America interview via [this link](#). That is probably was my last participation on VOA radio, as Talk to America has been replaced by the online text chat [T2A](#).]

Glassman's "Journalism with Purpose"

At a 10 July town meeting of Voice of America and International Broadcasting Bureau employees, James K. Glassman, new chairman of the Broadcasting Board of Governors, said that for U.S. international broadcasting, journalism is the "foundation." Beyond that, however, that there must be "journalism with purpose ... journalism that contributes towards freedom." (Listen to [mp3 excerpt](#).) I wrote to Mr. Glassman, with copy to all BBG members, offering reasons why, in U.S. international broadcasting, journalism is its own purpose. Some excerpts...

I have been involved in international broadcasting audience research since 1977. In the survey and focus groups results I've seen since then, the message has been consistent: people use international broadcasting to get the reliable news, especially about their own countries, that is not provided by their state controlled domestic media. They turn to international broadcasts as the antidote to propaganda. They can detect even subtle attempts to emphasize this or downplay that. If unsatisfied, they will tune elsewhere.

Preferably, U.S. international broadcasting would be conducted by the private sector. This would give USIB the independence necessary to achieve credibility. But because there is little prospect for commercial success in international broadcasting in languages such as Pashto, Burmese, or Creole, the government must provide the funds for international broadcasting.

Why would the U.S. government want to pay for an international broadcasting effort if it cannot dictate its content? There are at least four reasons....

- 1) It is necessary to attract an audience, for reasons mentioned above.
- 2) It provides the news and information that bolsters the audience against the misinformation and disinformation of dictators and terrorists. Audiences then have the information they need to form their own opinions about current events. This is necessary to build and to maintain democracy, and to understand international events and U.S. policies.
- 3) Independent journalism provides an example of democracy in action. It reports on the deliberations of government and opposition.
- 4) Even if audiences do not agree with U.S. policies, they will appreciate that the United States is providing them with an independent and useful news service. On the other hand, subjecting them to propaganda may give them another reason to dislike of the United States.

The mission of successful international broadcasting is defined not by us, but by the audience. If U.S. international broadcasting adheres to this market-based strategy, the outcome will be well-informed audiences and good will towards the United States.

Delano leaves the air

The Broadcasting Board of Governors has decided to close the IBB shortwave transmitting station at Delano, California, at the end of October.

Delano has for years not been used for transmissions to Asia, its original prime target area. More recently it has transmitted to Latin America, no longer a major shortwave listening area. However, the loss of the frequencies, and the azimuth, will make it easier for Cuba to jam Radio Marti.

I don't know (yet) if Delano will be kept in "mothball" status. I think it would be a good idea, because during some future crisis, when newer technologies tank because of overuse or hostile action, Delano will be needed.

Views expressed are my own. More at [kimandrewelliott.com](#).



Listener's Notebook

Al Quaglieri • P.O. Box 888 • Albany, NY 12201-0888 • listenersnotebook@gmail.com

ANGOLA 7216.77 *Radio Nacional*, July 4, 1856-1927, Vernacular talks, music, also at 2042 in French and on July 5 at 0312—all not // 4949.96 (poor, blocked by ROU at 1928) (Mikhail Timofeyev, local DXpedition near St. Petersburg, Russia/HCDx/DX Listening Digest/Hauser-OK)

AUSTRALIA *Radio Australia*:

0000-0030 English 9660B 12080B 15240S
17715S 17750S 17775D
17795S
0000-0030 Indonesian 15180D 15335T 15415S
0030-0130 English 9660B 12080B 15240S
15415S 17775D 17795S
0130-0200 English 9660B 12080B 15240S
15415S 17715S 17795S
0200-0400 English 9660B 12080B 15240S
15415S 15515S 21725S
0400-0430 Indonesian 11550T 15180D 15415S
0400-0430 English 9660B 12080B 15240S
15515S 21725S
0430-0500 English 9660B 12080B 15240S
15415S 15515S 21725S
0500-0530 English 9660B 12080B 15240S
15515S
0500-0530 Indonesian 11745T 15180D 15415S
0530-0600 English 9660B 12080B 15240S
15415S 15515S
0600-0630 Indonesian 15180D 15290T 15415S
0600-0630 English 9660B 12080B 15240S
15290T 15415S 15515S
0630-0700 English 9660B 12080B 15240S
15415S 15515S
0700-0800 English 9660B 9710S 12080B
13630S 15240S 15415S
0800-0900 English 9580S 9590S 9710S
12080B 13630S 15415S
0900-1100 Tok Pisin 5995B 6020S 9710S
0900-1100 English 9580S 9590S 11880S
12080B 15415S
1100-1200 English 5995B 6020S 9475S
9560S 9580S 9590S
11880S 12080B
1200-1300 English 5995B* 6020S 9475S
9560S 9580S 9590S
11880S
1300-1400 English 5995B* 6020S 9560S
9580S 9590S
1300-1430 Mandarin 9475S 11660S 11825D
1400-1430 English 5995S 6080S 7240S
9590S 9625S
1430-1600 English 5995S 6080S 7240S
9475S 9590S 9625S
11660S
1600-1700 English 5995S 6080S 7240S
9475S 9710S 11660S

1700-1800 English 5995S 6080S 9475S
9580S 9710S 11880S
1800-1900 English 6080S 7240S 9475S
9580S 9710S 11880S
1900-2000 English 6080S 7240S 9500S
9580S 9710S 11880S
2000-2100 English 6080S 7240S 9500S
11650S 11660S 11880S
12080B
2000-2100 Tok Pisin 6080S 7240S
2100-2200 English 9500S 9660B 11650S
11660S 11695S 12080B
13630S 15515S
2200-2300 English 11840D 13630S 15230S
15240T 15515S 17785S
2200-2300 BBC English 9660B 12080B
2200-2330 Indonesian 9785D 11550T 11695S
15415S
2300-2330 English 9660B 11840D 12080B
15240T 15230S 17785S
17795S
2330-2400 English 9660B 11840D 12080B
15230S 15415S 17750S
17785S 17795S

*DRM

B=Brandon
D=Darwin
S=Shepparton
T=Taipei

(Walter Eibl, Dx Magazine, July, WWDXC via Michael Bethge)

VK2RWI on 5423.5 kHz USB: The call sign would suggest a station operating within the Amateur Bands, and, although licensed to the WIA, this new station is within the Utility Fixed and Mobile band and is classified as a Utility station.

The WIA, NSW Division weekly Sunday morning broadcasts originate from Dural and are transmitted on 1845, 3585, 71436, 10125, 14170, 28320 kHz, 52.525, 145.6, 147.0, 438.525 and 1273.5 MHz. Listeners in areas distant from Dural have to rely on the HF signals, mainly 3 and 7 MHz (80 and 40 Metres) for direct reception or for relaying through a country VHF repeater. Band conditions often make this difficult with the 80 metre ground wave dropping out before the 40 meter sky wave comes back to earth.

ACMA has licenced VK2RWI as a point to multi-point, transmit only, service on 100 watts using USB. Station will only be used to transmit the 1000 (Local Time) Sunday morning [0200 UT midyear, 0100 UT non-midyear] WIA NSW Division broadcast.

As one who, from the south west of the State, both listened to, and was also responsible for relaying WIA broadcasts as received on sometimes fading HF signals, on the two meter input frequency for our local VHF repeater, I would imagine use of this 5 MHz frequency will be a great help (A.R. Magazine via July Australian DX News via DXLD)

Interesting that they use USB, following the standard "utility" practice, where USB is the norm, rather than the amateur practice of "LSB below 10 MHz" (Jem Cullen, ADxN/DX Listening Digest/Hauser-OK)

BELGIUM(non) Some TDP changes:

Denge Mezopotamya:

0400-2000 Kurdish 11530 KCH, ex 0400-1600

Exiled Ethiopian Orthodox Church:

1600-1700 Amharic 15260 SAM, new from July 2

Saab Xaa Moo Zoo:

2300-2330 Hmong NF 11655 TAI, ex 11650

(DX Mix—Hungary)

BOLIVIA 4732.02 **Radio Universitaria** (p), 0051-0207:35*, Tlk by M at t/in, then soft LA Rom. mx. M returned over mx at 0056 and then another Rom. song. Same M was joined by W anncr at 0100. More lively LA Pops w/animated M anncr host afterwards. Just at threshold readability but much too noisy. Signal strength dropped down after 0100, which is consistent for sunset reception. Kept recording and found they left the air at exactly 0207:35. Finally no RTTY this night. (Valko 12 July/Cumbre DX)

BRAZIL 5045.00 **Radio Guaruja Paulista**, Presidente Prudente, SP, 0215-0225, Jul 08, Portuguese ann, Brazilian pop songs, ID. (Petersen). This station will join Rio de Janeiro's Radio Globo for a few hours daily (starting with six hours), with the ID being "Radio Globo -Santos" stemming from the fact that Radio Guaruja has studios in the neighbouring town of Santos. (Romais-BRASIL via Goncalves-POR-TUGAL/DSWCI Dx-Window/Petersen-Denmark)

CHINA—TAIWAN/USA Frequency change of **Radio Taiwan International**:

0600-0700 German NF 7780 YFR, ex 7520

(DX Mix—Bulgaria)

CHINA—TIBET I recently toured Tibet and found the following shortwave schedule to be valid for **Radio China Tibet**:

Chinese General News Program via Lhasa:

0300-0900 4820 5935 6050X 11860 11950

0900-1730 4820 5935 6050X 7170 7240

2000-0300 4820 5935 6050X 7170 7240

all via Lhasa, except: L= via Lingshi X=via Xi'an

Tibetan General News Program

0200-0930 6200X 9490tx 9580L

0930-1000 6200X 7385L 9490X
1000-1800 6200X 7125X 7385L
2100-0200 4905 4920 5240 6110 6130 6200X
7125X 7385L

all via Lhasa, except: L= via Lingshi X=via Xi'an

Because of transmitter maintenance, there is complete "radio silence" in Tibet on Tuesdays from 0600 to 1000, in both main programs.

The English Program "Holy Tibet" is aired at 0700-0730 and 1630-1700 in the Tibetan Program only. I met the producers of this program at the broadcasting complex in Lhasa and was the first foreign listener to visit them. "Holy Tibet" started in May 2001 and is now a full half-hour program. New programs are produced on Mo, We and Fr with repeats on the following days. On Su there is only a music program. The program is aimed at tourists visiting Tibet as well as at the descendants of the many Tibetan refugees living in India. (Maarten Van Delft, Jul 10, DSWCI DXWindow July 11/DXListening Digest/Hauser-OK)

However, Christer Brunstrom recently monitored HT at 1635-1705 (Hauser)

From where did he get that some of the transmissions would be from Xi'an or even Lingshi? All evidence is that all the frequencies he mentions are via Lhasa. The Xi'an transmitters are only used for relays of CNR programs in Tibetan.

Listening today at the 2100 s/on I find that the audio on all the Tibetan channel frequencies is well synchronized. Different sites would produce detectable propagation time differences.

Using 6050 from Xi'an throughout the day would be a propagationally stupid choice.

Often the transmitters are divided into two groups with different delays, but this is most likely to reduce mains surges. As one group includes 4905 and the other includes 4920 any location outside Tibet is very unlikely. Another reason could be that the transmitters are housed in two separate buildings with separate choice of satellite or landline feed (Olle Alm, Sweden, 12 July/DXListening Digest/Hauser-OK)

Perhaps they told him about Xi'an and Lingshi when he visited Lhasa, disinformation (Glenn Hauser, DXLD)

Their Chinese language service now goes until 1800 rather than 1730 (Sergey Nikishin, Moscow, Russia, July 13/DXListening Digest/Hauser-OK)

I think that 6050, 6200, 7125, 7385, 9490 and 9580 kHz are rather also coming from Lhasa than from Xi'an or Lingshi—also according to HFCC registrations:

6050 2000-1800 LHA
6200 2100-1805 LHA

7125 1000-1805 LHA
 7125 2100-0200 LHA
 9490 0200-1000 LHA
 9580 0200-0930 LHA

(Wolfgang Bueschel, Germany, July 14, WWDXC DX Magazine/DX Listening Digest/Hauser-OK)

CLANDESTINE—AFRICA 9525 *Star Radio*, Liberia, via Ascension Island, has a temporary closure, but replaced by *Cotton Tree News* at 0700-0730. (Vestesen-DENMARK, Jul 07/DSWCI Dx-Window/Petersen-Denmark)

9525 *Star Radio* via Ascension, 0704-0730*, Jul 14 and 18, they have indeed returned to the air after their move to new offices. Heard with news, ID, interview regarding human rights, drums, "That ends today's edition of Liberia Today." Per the *Star Radio* website: "The Management of the independent *Star Radio* says it remains resolved to continue serving its listeners in the most professional manner. The Manager of *Star Radio* however called for financial and logistical support to help the station achieve its goals. Mr. James Morlu clarified that *Star Radio's* request for assistance should not be misconstrued. He said the station's editorial policy does not allow any interference in its broadcast activities. Mr. Morlu was speaking Monday [July 16] at the formal dedication ceremony of the station from Mamba Point to its new offices on Broad Street." (Howard and Lian-gas)

CLANDESTINE—ASIA 6003.0 *Radio Echo of Hope*, 1059-1140, Jul 07, instrumental music, 1100 sound of bell, IDs, talk program, mentioned the 2014 Winter Olympic venue etc. Another talk program at 1117. At 1122 three pop songs, good signal. (Sejimo in *Dxplorer*). New frequency! (Ed). Also heard 1220-1240, Jul 21, female hostess chatting, occasionally playing pop music // 3985 and 6348. Of these three frequencies, only 6348 seemed to be jammed. The jamming was quite strong and obnoxious and would be very noticeable on the other frequencies if they were jammed also. Why bother to jam only one frequency? (Wilkins in *Dxplorer*/DSWCI Dx-Window/Petersen-Denmark)

The TDP schedule website now shows 2330-2400 for the U.S. based religious "*Suab xaa Moo Zoo*" program in Hmong on 11655 (ex 2300-2330). The program is aimed at East/SEAsia. There are about 4 million Hmong speakers in the world, most of them in China (3 million), followed by Vietnam (790,000), Laos (320,000) and Thailand (150,000). In the USA, there are about 275,000 Hmong speakers. (Bernd Trutenau, Lithuania/Cumbre Dx)

CUBA *Radio Havana Cuba* is now using their new East Coast of North America high gain curtain array on 6060 kHz from 0000-0500 UT in Spanish. At that time the 6060 kHz 100 kW transmitter is fed with their English language program until 0700 UT. So, if you want to practice your Spanish, be aware that a

nice signal is available all along the East Coast of North America from 8pm daylight savings time until one o'clock in the morning EST [sic] (Arnie Coro, CO2KK, RHC DXers Unlimited July 7 via ODXA/DX Listening Digest/Hauser-OK)

0000-0027	English	7345 9440
0000-0027	Spanish	11665 SAC
0030-0057	Spanish	7345 9440
0100-0127	English	6200 7345
0130-0157	Czech	6200 7345
0200-0227	Spanish	6200 7345
0230-0257	Czech	7345 9870
0300-0327	English	7345 9870
0330-0357	English	9445 11600 + 6080 SAC
0400-0427	Russian	9445 11600
0430-0457	Spanish	9955 RMI
0600-0627	French	5930 7345
0630-0657	German	5930 7345
0700-0727	English	9880 11600
0730-0757	French	9880 11600
0800-0827	Spanish	11600 15710
0830-0857	Czech	11600 15710
0900-0927	English	9880 21745 + 9955 RMI
0930-0957	Spanish	9955 RMI
0930-0957	Czech	9880 21745
1000-1027	German	6055 9880
1030-1057	English	9880 11665
1100-1127	Czech	11665 15710
1130-1157	Russian	11665 15710
1200-1227	German	6055 7345
1230-1257	Czech	6055 7345
1300-1327	German	9850* RMP Fr/Sa
1300-1327	English	13580 17540
1330-1357	English	9850* RMP Fr/Sa
1330-1357	French	13580 17540
1400-1427	Spanish	11625 13580
1400-1427	English	7385 RMI
1430-1457	Russian	7345 13580
1500-1527	German	5930
1530-1557	Czech	5930 17485
1600-1627	English	5930 17485
1630-1657	German	11825 ARM
1630-1657	French	5930 17485
1700-1727	English	5930 17485
1730-1757	Czech	5930 17485
1800-1827	Russian	5840 DB
1800-1827	Spanish	5930 13580
1830-1857	French	5930 13580
1900-1927	Spanish	5930 13580
1930-1957	Czech	5930 11600
2000-2027	English	5930 11600
2030-2057	Spanish	5930 11600
2100-2127	Czech	9410 11600
2130-2157	English	9410 11600
2200-2227	French	7345 9415
2230-2257	English	7345 9415
2300-2327	Spanish	7345 9415
2330-2357	Spanish	6000 SAC
2330-2357	Czech	7345 9440

* DRM

(DX Mix—Bulgaria)

IBC Tamil Radio:

0000-0100 Tamil 7115 WER

Voice of Croatia:

0100-0500 Croat/En/Sp 9925 NAU
0400-0700 Croat/En/Sp 9470 WER
0600-1000 Croat/En/Sp 11610 JUL
2200-0300 Croat/En/Sp 9925 WER
2300-0300 Croat/En/Sp 9925 WER

Athmee Yatra He/Gospel For Asia (GFA):

0030-0130 SEAs langs 9435 WER
1330-1430 SEAs langs 13860 WER
1430-1530 SEAs langs 13745 WER
1530-1630 SEAs langs 13750 WER
2330-0030 SEAs langs 9680 WER

Radio Free Asia (RFA):

0100-0300 Tibetan 11975 WER

Voice of Russia (VOR):

0200-0300 Russian WS 9515 WER
0300-0500 English WS 9515 WER
1400-1500 Russian* 15430 JUL
2200-2300 Arabic 6145 WER

* Commonwealth program

Radio Liberty (RL):

0200-0330 Persian* 9510 WER
0400-0500 Persian* 15255 WER
1200-1300 Russian 15565 WER
1500-1700 Belorussian 9725 JUL
1600-1700 Russian 9445 WER
1600-1700 Turkmen 13815 WER
1700-1900 Persian* 7105 WER
1900-2000 Tatar Bashkir 9805 WER

* Radio Farda

Adventist World Radio (AWR):

0300-0330 Oromo 9545 WER
0300-0400 Tig./Amharic 9815 WER
0500-0600 Bulgarian 5965 WER
0700-0830 Ar/Tachelhit 11980 JUL
0800-0900 Fr/Tachelhit 15260 JUL
0900-1000 Italian 9790 JUL Su
1200-1300 En/Bangla 15435 WER
1300-1330 Chinese 15320 WER Mo-Fr
1300-1330 Uighur 15320 WER Sa/Su
1330-1500 Chinese 15320 WER
1500-1600 Punjabi/Hi 15160 WER
1500-1600 Nepali/En 15225 WER
1630-1700 Somali 17575 WER
1730-1800 Kabyle 11780 JUL
1730-1800 Oromo 17575 WER
1900-1930 Fulfulde 15205 JUL
1900-2030 Ar/Tachelhit/Fr 11730 JUL
1900-2030 Ar/French 15260 JUL
2000-2030 Persian 9770 WER
2000-2030 English 15235 JUL
2000-2100 Fr/Yoruba 11755 JUL

Radio Netherlands (till Sep.1):

0600-0655 Dutch 11655 JUL
0700-0755 Dutch 9610 JUL

Polish Radio External Service:

1030-1100 Polish 7285 NAU 11915 WER
1100-1130 Russian 13745 WER 13840 WER
1130-1200 German 5965 JUL 5975 WER
1200-1300 English 9525 WER 11850 NAU
1300-1330 Russian 11835 WER 13800 WER
1330-1430 Belorussian 6035 WER 7180 WER
1430-1500 Ukrainian 6000 WER
1430-1500 Russian 7180 WER
1500-1530 Ukrainian 9440 WER 9555 WER
1530-1600 German 5975 WER
1530-1630 Polish 6050 WER
1630-1700 Belorussian 6050 WER
1700-1800 English 7140 JUL 7265 WER
1800-1830 Russian 6140 WER
1800-1830 Hebrew 9695 WER
1830-1900 Ukrainian 6145 WER 6175 WER
1900-1930 Ukrainian 5910 WER
1900-1930 Russian 6050 WER
1930-2000 German 6110 WER 6140 JUL
2100-2200 Polish 6135 WER 7140 NAU

Brother Stair/The Overcomer Ministries (TOM):

1100-1200 English 6110 JUL 1st Sun
1200-1500 English 6110 JUL
1400-1600 English 13810 JUL
1900-2100 English 6175 NAU

Radio Romania International (RRI):

1400-1430 English 9600 WER DRM

Voice of America (VOA):

1630-1800 Persian 6040 WER
1700-1830 Persian 9760 WER
1730-1800 Azeri 7235 WER
1730-1800 Afan/Oromo 13870 WER Mo-Fr
1800-1845 Amharic 9875 WER

HCJB Global:

1700-1800 German 6015 WER

Voice of Oromo Liberation (Sagalee Bilisummaa Oromoo):

1700-1800 Oromo 13830 JUL

IBRA Radio:

1730-1800 Swahili 11915 JUL
1730-1800 Somali 15600 WER
1800-1900 Ar/Sara Gambai/
Zaghawa 13840 WER
1900-2045 Hausa/Fr/Ful/Bam 9675 JUL
2000-2030 Arabic 9840 JUL

Democratic Voice of Burma (DVOB):

2330-0030 Burmese 9490 WER

WYFR (Family Radio):

1300-1400 Marathi 15640 WER

1300-1400	English	15670 WER	1530-1600	Hindi	15530 WER Tu
1300-1500	Bengali	15350 WER	1530-1600	Tigrinya	15775 JUL We
1400-1500	Telugu	15370 WER	1530-1600	Urdu	15680 JUL Su
1400-1500	Kannada	15715 WER	1530-1600	English	15680 JUL Mo
1400-1600	Hindi	15670 WER	1530-1730	English	13590 WER Su
1500-1600	Punjabi	13840 WER	1540-1615	English	13590 WER Mo-Fr
1500-1600	English	15750 WER	1545-1730	English	13590 WER Sat
1500-1600	Tamil	15370 WER	1600-1700	Amharic	13810 NAU We
1500-1600	Gujarati	13830 WER	1615-1645	Hebr/ English	13590 WER Th
1500-1800	Urdu	12020 WER			
1600-1700	English	13630 WER 15650 WER 15705 WER	1615-1645	Hebr/ Tagalog	13590 WER Tu
1600-1700	Persian	11870 WER	1615-1730	Arabic	9430 JUL Mo/We
1600-1700	Arabic	13620 WER	1615-1730	Arabic	9430 WER Fr
1600-1700	Amharic	15750 WER	1625-1715	Arabic	13580 WER Tu/Fr
1600-1800	Hindi	11680 WER	1625-1730	Arabic	13580 WER Mo/We/Th
1600-1800	Punjabi	11730 WER	1630-1700	Hebrew	11975 JUL Fr/Su
1600-1800	Turkish	9925 JUL	1630-1700	Amharic	13810 NAU Th-Tu
1700-1800	Arabic	11875 WER 13840 JUL	1630-1730	Nier/Dinka	15495 JUL Daily
1700-1800	English	13630 WER	1630-1800	English	9430 WER Su
1700-1800	Swahili	15750 WER	1645-1715	En/Russian	13590 WER Tu
1700-1800	German	3955 WER	1700-1730	Arabic	9430 WER Tu/Th
1700-1900	Russian	9505 WER	1700-1800	Tigr/ Amharic	13810 NAU Daily
1800-1900	Arabic	11600 WER 11855 WER			
1800-1900	Amharic	13830 WER	1700-1800	English	9430 WER Sat
1800-1900	Romanian	11730 JUL	1700-1900	Persian	11945 WER Daily
1800-1900	English	13630 WER 13730 WER 15750 WER	1715-1800	Hebrew	13590 WER Tu
			1730-1830	Heb/English	13590 WER Sat
1900-2000	Arabic	7180 WER 9495 WER	1800-1815	English	11875 JUL Sat
1900-2000	French	11610 WER 13780 WER	1800-1830	Russian	6060 JUL Tu/Fr
1900-2200	English	9610 WER	1800-1830	Somali	13810 NAU Sat
2000-2100	Arabic	9705 WER 9735 WER 11610 WER	1800-1830	Spanish	9435 JUL Su
			1800-1830	Persian	11875 JUL Mo/We/Fr
2000-2100	French	9595 WER 11895 WER	1800-1830	Ukr/English	6015 JUL Th
2100-2200	French	9720 WER	1800-1845	English	6060 JUL Sat
2100-2200	Arabic	5915 WER 11610 WER	1800-1900	Persian	11875 JUL Tu/Th/Su
2200-2300	Arabic	7115 WER	1800-1900	Somali	13810 NAU Fr/Su
2200-2300	English	9620 WER	1800-1900	English	9430 WER Sat/Su
2200-2300	French	9720 WER	1800-1930	En/Ru/En	6060 JUL Su
			1815-1830	Russian	6060 JUL We
			1815-1830	English	6060 JUL Mo
			1815-1845	Russian	6060 JUL Th
			1830-1900	English	9430 WER Fr
			1845-2000	English	9775 JUL Su
			1900-2000	English	9775 WER Sat
			2000-2030	Arabic	9665 NAU Th
			2245-2330	Vietnamese	7245 WER Fr
			2300-0100	English	6140 WER Th-Fr
			2300-2330	Vietnamese	7245 WER Sat
				(DX Mix—Bulgaria)	
				HUNGARY Radio Budapest (Koshut Radio), all in Hungarian:	
				0000-0100	6195
				0130-0230	6140
				0300-0700	3975 Mo-Sa
				0300-2200	6025
				0400-0730	3975 5995 Su
				1000-1100	3975
				1100-1200	21590
				1400-1700	3975
				1800-1900	3975 11795
Bible Voice Broadcasting Network (BVBN):					
0030-0045	Bengali	9815 WER Daily			
0030-0100	Hindi	9620 WER Mo-Th			
0030-0100	English	9620 WER Fr-Su			
0430-0500	Amharic	13810 WER Su			
0430-0530	Arabic	13810 WER Mo-Th			
0430-0530	Amharic	13810 WER Sat			
0430-0545	Arabic	13810 WER Fr			
0700-0815	English	5945 WER Fr/Sat			
0700-0915	English	5945 WER Su			
0815-0845	English	9655 WER Sat DRM			
0900-1015	Arabic	17595 WER Fr			
1200-1230	English	5945 WER Su DRM			
1400-1500	English	15680 WER Sat/Su			
1500-1515	Hindi	15530 WER Sat			
1500-1530	Bengali	15530 WER Su			
1500-1600	Bengali	15530 WER Mo/Th/Fr			
1515-1600	English	15680 JUL Th/Sat			
1515-1600	Hindi	15530 WER We			
1515-1600	Punjabi	15680 JUL Fr			
1515-1600	Urdu/ English	15680 JUL We			

1900-2000 3975
 2000-2100 3975 11695
 2100-2200 3975
 2200-2300 6025 Sa/Su
 2200-2300 9665
 (DX Mix—Bulgaria)

INDIA Dear Friends, The *AIR Vividh Bhartahi* program on 10330 is now broadcast from AIR Delhi (Khampur Site) with 250 kW, (ex via Bangalore 500 kW). The sked is: 0025-0435, 0900-1200, 1245-1740. 73 (Jose Jacob, VU2JOS, July 15, Dx_india/DX Listening Digest/Hauser-OK)

AIR Itanagar on shortwave:

0025-0400 4990
 0700-0900 6150
 1000-1630 4990

(Alokesh Gupta, DX India/DX Listening Digest/Hauser-OK)

INDONESIA 3266.42 *RRI Gorontalo*(p) 1127-1215 July 2. Indo vocal mx hosted by W; Jak nx at 1200 after exactly 3 notes of SCI; the Jak relay ended at 1214 but not sure what followed—maybe just dead air; at any rate they pulled the plug about 1225. (Wilkins-CO/Cumbre Dx)

3344.84 *RRI Ternate* 1155-1221 July 15. Local M ancrr talking well past ToH; finally joined Jak relay in progress at 1203, // 4604.95 and 3987.05 et. al.; local programming returned at 1221 but the soft-spoken W was hard to understand. This station has been missing for several days/weeks. (Wilkins-CO/Cumbre Dx)

3987.05 *RRI Manokwari* 1213-1230+ July 13. Jak news, in progress, to 1221, then local programming with W taking 1 or 2 phone calls, then chatting past 1230. Fair signal. Back on after being off the air on 12 July. (Wilkins-CO/Cumbre Dx)

4789.98 *RRI Fak-Fak* 1143-1220 July 4. Indo vocal mx to 1158, then M ancrr briefly; dead air for a minute or two, then SCI and Jak relay at 1201; back to local studio at 1223, with man speaking in Bahasa Indonesia. Good w/CODAR QRM. (Wilkins-CO/Cumbre Dx)

The Indonesian station monitoring list (Mid June edition, edited by A. Ishida) was released on June 18. <http://wave.ap.teacup.com/n1hp/html/sw070618.pdf>

(S. Hasegawa, NDXC, DX Listening Digest/Hauser-OK/Worldwide DX Club DX Magazine/Eibl-DE)

ITALY Updated summer A-07 of *RAI International*:

0000-0055 Italian 6060 9840a 11800
 0055-0115 English 11800
 0055-0115 Spanish 9840
 0055-0130 Italian 6060
 0115-0130 Portuguese 9840
 0115-0130 French 11800

0130-0230	Italian	6060 6110 9840 11765 11800
0230-0315	Italian	6060 9840 11800
0315-0335	Spanish	9840 11800
0315-0400	Italian	6060
0345-0405	Russian	6135 9710 11830
0405-0425	Ukrainian	6135 9710 11830
0435-0445	Italian	6110 6145 7235
0435-0455	Amharic	11900
0445-0500	English	6110 6145 7235
0455-0530	Italian	11900
0505-0525	Lithuanian	9670 11795
0530-0550	Romanian	9670 11795
0530-0550	Somali	11900
0600-0620	Russian	9670 11795
0600-0620	Arabic	11900
0625-1300	Italian	6140
1000-1100	Italian	11920
1330-1355	Arabic	9670 11795 11915
1335-1355	Albanian	9610
1400-1415	Slovene	9570
1400-1425	Italian	15280 17780
1415-1435	German	9570
1435-1455	Croatian	9570
1500-1520	Turkish	9870 11895
1500-1525	Italian	9670 11720 11770
1520-1540	Greek	9870 11895
1530-1555	French	9670 11855
1540-1600	Bulgarian	9870 11895
1555-1625	Italian	9670 11855
1600-1700	Italian	17790
1605-1625	Russian	9705 11885
1630-1655	French	7180 9845 11855
1630-1655	Arabic	11810
1700-1800	Italian	6140 7130 9845 11970 15390
1805-1825	German	6040 9845
1810-1825	Czech	6130
1825-1840	Slovak	6130
1830-1905	Italian	15380 17780
1840-1900	Polish	6130
1910-1930	Somali	11890
1910-1930	Serbian	6130
1935-1955	English	5960 9845
1935-1955	Hungarian	6130
2000-2020	Esperanto	6110 9780 Sa
2000-2020	Swedish	6110 9780 Mo/We/Fr
2000-2020	Danish	6110 9780 Tu/Th/Su
2000-2020	Russian	6185 9565 11775
2025-2045	Arabic	6110 7130
2025-2045	English	5970 11875
2050-2110	Portuguese	6110 7130 11875 15240
2110-2130	Spanish	6110 7130
2115-2135	Romanian	5970
2135-2155	Arabic	6000 7180
2135-2155	Czech	5970
2155-2210	Slovak	5970
2200-2240	Italian	6060
2205-2230	English	11895
2210-2225	Polish	5970
2240-2400	Italian	6060 9840a 11800

Tutto il calcio minuto per minuto and Domenica sport:

1250-1630 Italian 9670 11885 17570 17780
21515 Su

(DX Mix News, Bulgaria, June 19 via DXLD/Worldwide DX Club DX Magazine/Eibl-DE)

JAPAN The Japanese government will launch short-wave broadcasts aimed at achieving an early return of Japanese nationals abducted by North Korea and believed to be living there.

Furusato no Kaze—Wind of the Hometown
1000-1100 Korean 9490 *Radio Free North Korea*

1330-1400 Korean 9485 *Radio Free Chosun*

1900-2000 Korean 9780 *Radio Free North Korea*

2000-2030 Korean 9785 *Radio Free Chosun*

2030-2130 Korean 9785 *Radio Free North Korea*

1300-1330 Japanese 9485 *SHIOKAZE 2*

1600-1630 Japanese 9780 *Furusato no Kaze*

1700-1730 Japanese 9820 *Nihon no Kaze Korean*

(amid/Worldwide DX Club DX Magazine/Eibl-DE)

Japan began making propaganda radio broadcasts in North Korea about international affairs Monday intended to reach out to Japanese abductees living in the communist country.

The hour-long programs on short-wave radio 30 minutes each in Korean and Japanese will be repeated daily for a week before being updated, the Cabinet Office said in a statement.

The government broadcasts come as Tokyo steps up pressure on Pyongyang over its former abduction of Japanese citizens to train communist spies in Japanese language and customs. North Korea has admitted taking 13 Japanese, and in 2002 it released five to return home, saying the remaining eight had died.

But the issue remains a sore spot because the Japanese government believes those eight may still be alive, and suspects more of its citizens may have been abducted. The dispute has stymied attempts to establish diplomatic relations between the neighboring nations.

The new broadcasts are meant to cheer up any surviving abductees in North Korea with music, voices of relatives back home and reports on international affairs and relations between Japan and North Korea.

The Cabinet Office said it was not releasing the time of the broadcasts or their radio frequency in order to avoid having the signal jammed by North Korean authorities. (Liangas-GRC/Japan Premium/Iwata Gatu)

MALAYSIA 5964.64 *Klasik Nasional FM* 1150-1220+ July 5. Malay-flavored vocals; two pips at 1200, then W with apparent news; a jingle at 1203 was followed by M&W in talk or interview; back to mx at 1217. (Wilkins-CO/Cumbre Dx)

6049.66 *Asyik FM* via Kajang 1120-1204+ July 3. Pop mx, W anc; 1200 pips and news, I think, by M anc. (Wilkins-CO/Cumbre Dx)

7270.02 *Wai FM*(p) 1157-1215+ July 8. W taking phone calls in presumed Iban lang. and playing regional vocal tunes. No ID heard but fits usual m.o. of Wai FM. (Wilkins-CO/Cumbre Dx)

MICRONESIA 4750v *Federated States of Micronesia, Pacific Missionary Aviation*, no ID so tentative, heard June 27 (Wednesday) at 1200z, under heavy QRM from RRI Makassar, had a religious program, at least three stations on frequency, so looks like another test. (Hambly, AUSTRALIA/DX Listening Digest/Hauser-OK)

NEPAL 5005 *Radio Nepal*, 1318-1400*, Jun 01, Nepali news, 1323 music and talk, (Nagatani-JAPAN, via Ohtake-JAPAN/DSWCI DX-Window/Petersen-Denmark)

NEW ZEALAND RNZI has just snuck in a frequency change, 9655:

0459-0658 9615 9890*

0659-1058 6095 7145*

1059-1258 9655 7145*

1300-1550 6095

1551-1850 7145 6095*

1851-2050 9615 9890*

2051-2155 15720 11675*

2156-2358 15720 13730*

2359-0458 13730 15720*

*DRM

(RNZI website July 24/DX Listening Digest/Hauser-OK)

POLAND The 6105 broadcast is now the only transmission from Poland on shortwave, heard 1925 June 26 transmitter already on with characteristic rumbling sound, *Radio Racja* identification and talk 1930, fair strength, stronger at 2100 recheck (Mike Barraclough, England, July WWDXC Contact/DX Listening Digest/Hauser-OK)

RUSSIA 6195 *Buryatskaya GTRK*, Ulan Ude, heard by Anton Poloskov and Feodor Brazhnikov in Irkutsk with huge signal, almost as strong as a local station. It replaces 3955 because of better propagation in Siberia. (open_DX via Mezin, DSWCI DX Window July 11/DX Listening Digest/Hauser-OK)

Unfortunately covered here in Denmark 2100-0100 by BBC, Voice of Turkey and Radio Budapest (Anker Petersen, *ibid.*) Item previously referred to as Selenginsk, must be the transmitter site (Glenn Hauser, DxLD)

Hello Rumen—re your log in BC-DX of that strange station on 7325 kHz.

This is probably the external service of **Adygey Radio** or **Kabardino-Balkar Radio** which is listed on p 465 and 466 of 2007 WRTH. In winter they use 6005 kHz and in summer 7325 khz, both from Krasnodar (Armavir). This service has operated for many years (since at least the 1980s) but is rarely reported.

WRTH 2007 listed the schedule as:

1700-1800 Mo/Fr Adygey Radio in Adygey
 1730-1800 We/Su Kabardino Balkar R in Circassian
 1730-1800 Thu K-B radio in Karbardino-Balkar

Are you able to confirm any of the above transmissions (or one hour earlier in summer?)

(Dave Kenny-UK, BDXC-UK July 7 via BC-DX via Dx-LD)

SLOVAKIA Summer A-07 of **Radio Slovakia International**:

0100-0127	English	5930 9440
0130-0157	Slovak	5930 9440
0200-0227	French	5930 9440
0230-0257	Spanish	9440 11990
0700-0727	English	9440 15460
0730-0757	Slovak	9440 15460
0800-0827	German	6055 7345
1300-1327	Russian	7345 9440
1330-1357	German	6055 7345
1430-1457	Spanish	9440 11600
1500-1527	Russian	7345 9535
1530-1557	Slovak	5920 7345
1600-1627	German	5920 6055
1630-1657	English	5920 6055
1700-1727	French	5920 6055
1730-1757	Russian	5920 7345
1800-1827	German	5920 6055
1830-1857	English	5920 6055
1900-1927	Slovak	5920 6055
1930-1957	French	5920 6055
2000-2027	Spanish	6055 11650

(DX Mix—Bulgaria)

TAJIKISTAN Revised tentative schedule for **Voice of Tajik** (ex-Radio Tajikistan), all on 1143 and 7245 from Dushanbe rather than the variety of frequencies registered and just rementioned in DxLD. Includes English at 0900-1100 and 1730-1800. Anyone hear these? Website <http://radio.tajikistan.com/> is under construction. (WRTH July 12 update/DX Listening Digest/Hauser-OK)

UNITED STATES (non) A-07 of **WYFR** via TV Radio Waves, VT Comm, DTK T-Systems, Taiwan:

0000-0200	Hindi/English	15195 TSH
0400-0500	German	3955 SKN
0800-0900	Korean	11895 TAI
0900-1200	En/Korean	9450 IRK
1000-1100	Japanese	7150 K/A

1100-1200	Indonesian	11550 TNN
1100-1200	Korean	9450 IRK
1100-1300	Tagalog/Indo	11520 PAO
1100-1400	Chinese	7250 PAO 9280 HUW 9865 P.K 12150 A-A
1200-1300	Indonesian	15490 NVS
1200-1300	Burmese	11560 HUW
1200-1300	Vietnamese	7445 PAO 11895 IRK
1230-1300	Bengali	15340 DHA
1300-1330	Bengali	15350 WER 15340 DHA
1300-1400	English	11895 IRK 15670 WER
1300-1400	Marathi	15640 WER
1300-1400	Burmese	11520 A-A
1300-1500	En/Indones	11520 PAO
1300-1500	English/Hindi	11560 HUW
1330-1400	Bengali	15350 WER
1400-1500	English	7320 TCH 9865 P.K 12150 A-A
1400-1500	Bengali	7510 TAC 15350 WER
1400-1500	Gujarati	12055 SAM
1400-1500	Marathi	9705 DHA 12075 SAM 15715 WER
1400-1500	Nepali	7215 IRK
1400-1500	Punjabi	9735 SAM
1400-1500	Tamil	9625 NVS
1400-1500	Telugu	13590 SAM
1400-1500	Vietnamese	15465 PAO
1400-1600	English	7320 TCH
1400-1600	Hindi	5845 DB 15670 WER
1400-1600	Hindi/En	15520 DHA
1400-1600	Telugu/Tamil	15370 WER
1400-1600	Urdu	11850 ARM
1400-1600	Chinese	7250 PAO 9280 HUW
1500-1600	Bengali	7510 TAC
1500-1600	English/Hindi	6280 TSH 11560 HUW
1500-1600	Gujarati	13830 WER
1500-1600	Marathi	12075 ARM
1500-1600	Punjabi	9735 SAM 13840 WER
1500-1700	Russian	9955 TNN
1500-1700	En/Amharic	15750 WER
1500-1800	Urdu/Guj/Nep	12020 WER
1600-1700	Arabic	13620 WER
1600-1700	English	11850 DHA 13630 WER 15650 WER 15705 WER
1600-1700	English/Hindi	6280 TSH
1600-1700	Hindi	5845 DB 11680 WER
1600-1700	Pashto/Dari	12100 ARM
1600-1700	Persian	7520 SMF 11870 WER
1600-1700	Portuguese	15445 ASC
1600-1800	Turkish	9925 JUL
1600-1800	Punjabi	11730 WER
1700-1800	English	9790 DHA 21680 ASC
1700-1800	Arabic	11875 WER 13700 RMP 13840 JUL
1700-1800	German	3955 WER
1700-1800	Hindi	11680 WER
1700-1800	Russian	9495 TAC 9505 WER
1700-1900	Swahili/En	15750 WER
1800-1900	Amharic	13830 WER
1800-1900	Arabic	11600 WER 11855 WER 13720 SKN
1800-1900	English	3955 SKN 9845 DHA 13730 WER 13780 RMP

1800-1900	Polish	9615 SAM
1800-1900	Russian	9495 TAC 9505 WER 11730 JUL 7240 SAM
1800-2000	Arabic/En	17585 ASC
1830-1930	French	3230 MEY 9610 WER 11875 DHA
1900-2000	English	11610 WER 11970 DHA 12060 ARM 13780 WER
1900-2000	French	7320 SAM
1900-2000	German	7180 WER 9495 WER 15165 RMP
1900-2000	Arabic	9490 MSK
1900-2000	Italian	7340 MSK
1900-2000	Spanish	7340 MSK
1900-2000	Swahili	5930 MEY
2000-2030	French	9595 WER 11895 WER 12060 ARM
2000-2100	English	3230 MEY 7430 KCH 9610 WER 15195 ASC
2000-2100	Arabic	9705 WER 9735 WER 11610 WER
2030-2100	French	9595 WER 11895 WER 11985 ASC 12060 ARM
2100-2115	English	7430 KCH 9610 WER 15195 ASC
2100-2130	French	9720 WER 11985 ASC
2100-2200	Chinese	7435 PAO 9280 HUW
2100-2200	Arabic	5915 WER
2100-2200	English	7430 KCH 9610 WER 15195 ASC
2115-2200	English	7430 KCH 9610 WER 11875 ASC 15195 ASC
2130-2200	French	9720 WER
2200-2300	English	9620 WER 11875 ASC
2200-2300	French	9720 WER
2200-2300	Arabic	7115 WER
2200-2400	Chinese	7235 PAO 9280 HUW
2300-2315	English	11875 ASC

(DX Mix—Bulgaria)

ZIMBABWE 3396 **ZBC** Guineafowl, Gweru, 2049-0040, Jun 21, 23 and 24 and again Jul 10, Afro folk music, 2100-2113 Vernacular news (?), ID, more folkmusic, not parallel to 4828. (Goncalves-PORTUGAL, Schulze-DE, Petersen_DK and Wilkner-FL/DSWCI DX-Window/Petersen-Denmark)

ZIMBABWE GOVERNMENT GETS A TASTE OF OWN MEDICINE by Itai Mushekwe

Government radio jamming equipment reportedly purchased in China has backfired, gagging its own new shortwave project, Voice of Zimbabwe (VOZ), sources at the station revealed to the Zimbabwe Independent this week.

The ambitious station, set up to counter Western broadcasts, is said to be battling to recruit qualified personnel to run its operations while its few employees are still in Harare instead of moving to Gweru where it was due to be housed. Sources said the equipment was believed to be made up of three jammers installed at Thornhill, a military airbase and

government communications centre in the Midlands.

The plan was to block a perceived negative publicity campaign from outside radio stations such as Voice of America (VOA) funded by the US State Department, SW Radio which beams from London and Dutch-funded Voice of the People (VOP), among others. The jamming equipment has prevented VOZ from starting regular operations due to the self-signal interception going on at the station.

Zimbabweans have been forced to listen to state radio programming owing to punitive broadcasting laws enacted by government. The country has four state-controlled radio stations operating under the frequency modulation (FM) radio wave band and one shortwave, VOZ, which appears to be suffering a stillbirth.

Government clamped down on Capital Radio, Zimbabwe's first independent radio station in 2000 setting the police on the stations offices in Harare where its equipment was confiscated. Radio Dialogue, a community radio station housed in Bulawayo, has also been forcibly shut down.

"Ever since the station was launched on May 25, it is yet to start regular operations," a source said. "There are no news broadcast nor a set programming timetable. To make things worse there are no announcers, liberation war music occasionally plays but fades away at different times."

Government announced two months ago that the station would run trial broadcasts for three weeks on 5975 kHz and 4828 kHz, but the trials were a major flop owing to the jamming machinery from China.

In a bid to cover the broadcasting setback both Zimbabwe Broadcasting Holdings (ZBH) and Information minister Sikhanyiso Ndlovu have remained tight-lipped on the issue and have failed to give any explanation as to why the touted panacea to counter Western "pirate" radio stations is failing to broadcast.

VOZ boss, Hapison Muchechetere who is also a war veteran yesterday denied that the station was experiencing technical problems. He said government had purchased state-of-the-art equipment for the propaganda project. Muchechetere said government is at war on the airwaves with imperialists. He said the "imperialists" will not win.

"Its a war of the airwaves and were not afraid," said Muchechetere. "We know were at war with imperialists and they are not going to win. You people forget that you're doing propaganda for the white man. Im not ashamed that Im doing propaganda for Zimbabweans and for someone who liberated this country. Hapana chirikujammer apa (There is no jamming here). We are not experiencing any technical problems," he said (The Zimbabwe Independent July 6/DX Listening Digest/Hauser-OK)

Pirate Radio Report

Chris Lobdell • P.O. Box 146 • Stoneham, MA 02180-0146 • clobdell@comcast.net

Hello and welcome to the August 2007 *Pirate Radio Report*! Despite summertime static, there is still a lot to be heard. Be sure to check 6850 kHz during the week as well as weekends as there is a lot going on.

Many thanks to following fine folks for their loggings. Rich D'Angelo-PA, Kevin Mikell-IL, Joe Wood-TN, George Zeller-OH

CAPTAIN RON SHORTWAVE [The Voice Of] logged on 6925 USB from 0250 past 0303 sign off on July 15th in Rock music with ID between each song. Concluded with Eric Idle's "FCC Song". [Mikell-IL]

TCS-THE CRYSTAL SHIP, heard 5385.5 AM 0153-0305+ 7/23/07 SIO=242. Program of rock oldies such as Donovan's Mellow Yellow and Niel Diamond's Cherry Cherry The vintage of the rock oldies was a little older than usual from this station. The freq is genuine; I never heard a pirate on 55 meters before. (Zeller-OH) The Poet has been testing one of his transmitters here of late.

LONG RANGE RADIO, heard on 6925.5 USB mode from 0254-0326 on July 22nd SIO=242+. Program started w/two OMs talking and laughing. Dial a Ho sketch, and an interview w/a comedian. Some rock, plus several parody ads. One AD for Generation X-lax, and another ad for RU-469 contraception method. No address announced. (Zeller-OH)

MIND BOTCH RADIO was heard on 6925.6 AM at 0035 sign on to 0054 sign off on July 22nd. A new one for me blasting in with a genuine powerhouse signal. Some rock at the beginning but mainly a program of country mx tunes including the oldie Jambalaya and other more modern country mx. Announced the 6925 freq and requested reports to the FRN. (Zeller-OH)

RADIO IS MY FRIEND, MY FRIEND IS RADIO, logged on 6925.6 kHz from 0127 sign on 0152 sign off on July 22nd, SIO=444/545. Return of this story about Graham Conner


at the Cherokee Asylum in Iowa. He doesn't like the meat loaf or the high volume TV at the asylum, and it is not his home. Some woman named Abigail sent him to the asylum in 1979, but he doesn't like it. Some rock mx including "Video Killed the Radio Star," but mostly Conner moaning about his dismal fate in the asylum No address announced. The only ID on this one is several repeats of the slogan as listed here. Probably the same xmtr as Mind Botch R., as both of them Blasted in here. [Zeller-OH]

UNDERCOVER RADIO is Dr. Benway's Station, heard on 6925 kHz from 2317-2328 on July 14th. Man announcer talking about defeating Commander Bunny and the rodent revolution. ID and Undercoverradio@mail.com e-address. Program noted again at 0030. Fair signal. [D'Angelo-PA]

WBNY-RADIO BUNNY, noted on 6925 USB 1728-1805 UTC on July 21st, SIO=242- Another special broadcast de Commander Bunny following a trumpet fanfare. Patriotic songs such as America the Beautiful and Hail to the Chief. Commander Bunny offers a Commander Bunny for President bumper sticker for three stamps to Belfast address, Box 1, Belfast, NY 14711. [Zeller-OH]


WHJR, A New One, noted on 6925 kHz on July 26th from 0024 past 0033. First time log of this station. IDs as "Hey Joe Radio, and WHJR-All Joe all the time." Several renditions of "Hey Joe" including one by Jimi Hendrix. Poor. (Wood, TN).

WOLVERINE RADIO noted on 6925 USB from 0237 to 0242 sign off on July 15th. Rock music with male announcer giving station ID between musical offerings. Off after last ID. Good signal. (D'Angelo-PA)

WMPR "Micro Power Radio" logged on 6925 at 0050 UTC on July 15th 2007. English. ID as W-M-P-R, Micro Power Radio. Techno mx with fades and static. Poor. [Wood-TN] 

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



GHANA BROADCASTING CORPORATION
P.O. BOX 1633
ACCRA, GHANA



Dear Sir/Madame

Thank you for your reception report of our transmission(s)

on 4.900 kc/s heard at 0600 -

0616 G.M.T. on 25: 12: 71

We have pleasure in verifying your report which is much appreciated.

Date 27: 31: 72
PE/W. 72/0607

For Director-General

ABU DHABI: Radio Aap K1 Dun-
yaa 9510 via Dhabbaya
"50 Years of Broadcast-
ing" cd. in 2 mos. w/
stickers and program
guide. (Barto-CT).

BRASIL: Radio Educacao Rural
4755 my rpt. was returned
by the PO w/ "died" in PT
on the reverse. Don't
know if this is referring to
the Direcor whose name
was on the letter or that
the station left the air?
* (Field-MI). **Radio Brasil**
4785 cd. received after

several rpts. to the station for a 2004 reception. My #125 from Bra-
sil. (Field-MI).

CUBA: Radio Nacional de Venezuela 15250 and 13680 f/d "Canal Internac-
*** ional" cd. w/ "Republica Bolivariana de Venezuela" postcard via FEDX**
delivery from Venezuela in 4 mos. Also rcvd. a ltr. w/ photo ID of
v/s Cesar Mosco w/ a copy of his fingerprint on the letter! Also got
6 different booklets about Hugo Chavez and his administration. Most
unusual package. (Barto-CT).

ENGLAND: Deutsche Welle 11945 via Wooferton f/d "Berlin" cd. in 4 mos.
w/ stickers and station pennant. (Barto-CT). 6075 via Skelton f/d
"Berlin" cd. in 2 mos. w/ stickers. (Barto-CT). Radio Korea 15360 and
15365 this is my third, maybe fourth, QSL for the same Arabic program
I rcvd. 2 identical ltrs. in AR, 3 identical QSL cds. in AR and 9 re-
port forms in AR. (Field-MI).

EUROPEAN RUSSIA: Radio Chechya Svobodnaya 7335 via Saint Petersburg f/d
cd. for a 2001 reception w/ 2 stickers. v/s Mikhail Temofeyev, QSL
Manager. (Field-MI).

GERMANY (East): Deutsche Welle 9545 via Nauen f/d "Berlin" cd. w/ pro-
gram guide and stickers in 4 mos. (Barto-CT).

GERMANY (West): Radio Ashna 11840 via Lampertheim cd. in 2 1/2 mos. (Barto-
CT). **Deewa Radio 9680 via Biblis cd. in 2 mos. (Barto-CT). Adventist**
World Radio 11760, 11730 and 15205 rcvd. cd. for each frequency w/
AWR stamps from v/s Adrian Peterson. (Field-MI). 15320 via **Wertach-**
tal cd. w/ AWR stamps. Same v/s as above. (Field-MI)...I received a
ltr. from Sabine Garvol, Back Office Shortwave Sales at T-Systems,
in which she stated that my rpts. from April 4, 2004 to October 2006

were correct.
She listed
IBC Tamil,
CVC, RTI and
WRN. Quite a
change from
Walter Brod-
owsky. (Field-
MI).

HAWAII: Armed
Forces Radio
and Television
Service 6350
f/d cd. in 3
wks. (Lawren-
son-RI).


SWL

DE

RADIO

ABIDJAN

Merci pour votre report
concernant notre emission
du 9-4-73



Heure GMT

Ⓐ = 11920 kc/s - 100 KW	a = 00 h à 06 00 h
Ⓑ = 2315 kc/s - 1 KW	Ⓑ = 06 00 h à 12 00 h
Ⓒ = 8015 kc/s - 100 KW	c = 12 00 h à 18 00 h
Ⓓ = 4980 kc/s - 25 KW	d = 18 00 h à 24 00 h
Ⓔ = 3242 kc/s - 10 KW	Ⓔ = FRANÇAIS
F =	Y = VERMACULAIRE
	Z = ANGLAIS

Thanks for your report R.T.1

中央廣播電台—來自台灣的聲音
Radio Taipei International (RTI)

書

您所提的報告內容與本台播出的節目一致，謹此證明。

Date: 7/28/03

Hour: 02:00~03:00 UTC

Frequency(kHz): 5950

Program language: English

To: Henry Weissborn

Your report is hereby verified as fully correct.
We would be glad to hear from you again.

TIBET: China Tibet People's Broadcasting Station 5240 station verified direct w/ a f/d "Mountain Scene" cd. w/ program schedule in 145 ds. (D'Angelo-PA)

USA: WMLK 9265 n/d form ltr. w/ doctrine statement, tract order form, etc. in 45 ds. for SASE (unused) and \$1.00. v/s Elder Jacob O. Meyer. (Mikell-IL). Deewa Radio 5850 cd. in 2 mos. Site is unknown. (Barto-CT). Radio Ashna 13605 "50 Years of Broadcasting" cd. in 3 mos. Site unknown. (Barto-CT).

USA (Pirates): Radio Ice Cream 6925 really nice colorful and large cd. kind of like a birthday cd. w/ a separate f/d cd. Also rcvd. a CD of the show and a rpt. from the show in 26 ds. for 3 ms. and a rpt. to the Belfast maildrop. Verie nice QSL package. (Vranes-WV). Alex notes that he has gotten some really great music on the CDs, makes listening and reporting to the pirate stations a lot of fun. WTCR 6925 f/d cd. in 18 ds., for 3 ms. and \$1.00. Addr: P.O. Box 1, Belfast, NY 14711. (Wood-TN).
USA (forgot this one): WHRA 13710 f/d "20 Years of Shortwave Ministry" cd. in 74 ds. v/s L.W. Vehorn. My rpt. was sent via the station's website. (Mikell)

VATICAN: Radio Vatican 7300 f/d cd. in 2 1/2 mos. w/ station stickers and a program guide. (Barto-CT).

High Adventure Ministries

GLOBAL BROADCASTING NETWORK

Voice of Hope Middle East

Frequency 15.715

Date of reception Feb 19 02

Time of reception 1442 - 1508 (UTC)

Thank you.

High Adventure Ministries - Global Broadcasting Network
Mail@highadventure.net
WWW.HIGHADVENTURE.ORG

Thank you for your reception report. For information about other frequencies on our network, please visit us at our website listed below.

S. R. BARBOUR JR.
P.O. Box 893
Intervale, N.H.
03845
USA.

And so ends another QSL Column. Some interesting material this time. Remember to send in your contributions as soon as possible.

Note: Scott Barbour...please call me at 1-860-283-4587. I've got something for you...Sam.

Sam



We hereby confirm your reception of:

Station Jakarta Radio Intern.
Date 03/05/2002
Time (UTC) 1900-1930
Frequency 12.125 kHz

SB

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

107
05




Contributors' Page


Bob Montgomery • 4621 C Street • Philadelphia, PA 19120 • rmonty23@verizon.net

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA	TenTec RX-340 AOR AR-7030 100' LW
Scott BARBOUR, Intervale, NH	R-75, MLB-1, 200' Beverage
Jerry BERG, Lexington, MA	R8 19, 41, 90 meter dipoles
Mike BRANCO, Islip, NY	Grundig Satellit 800
Ross COMEAU, Andover, MA	R8, 60' LW
Rich D'ANGELO, Wyomissing, PA	TenTec R340, Lowe HF-150, DX Sloper
Mick DELMAGE, Sherwood Park, AB	Collins HF-2050 Ant: KLM Log Periodic
Gerry DEXTER, Lake Geneva, WI	NRD-515, NRD-545, etón E1
Jerry EVANS, Germantown, TN	RX340, 30 m wire, R8B LFE-H800 EF-SWL
Bob FRASER, Belfast, ME	Sony ICF-2003 ICF-SW100S 2m LW
Glenn HAUSER, Enid, OK	FRG-7, DX-398, SW-07, ATS-909, YB400 lw
George HERR, Playa del Rey, CA	G303e. R8B, NRD535, 50' lw
Ron HOWARD, Monterey, CA	NRD545, LW 160', etón E5
Steve LARE, Holland, MI	Drake R7, R8, R8A & R8B, 70' & 200' wires
Chris LOBDELL, Salem, MA	etón E1-XM, 75' random wire
William McGUIRE, Cheverly, MD	DX-380
Kevin MIKELL, Park Ridge, IL	etón E1-XM, 80' long wire
Dale PARK, Honolulu, HI	Sangean ATS-818CS
Jim RONDA, Tulsa, OK	NRD-545, R75, etón E1, Eavesdropper
Jerry STRAWMAN, Des Moines, IA	R-8, 313e, 60 mtr dipole, mini whip
Mark TAYLOR, Madison, WI	R-75, Sat 800, EWE, Eavesdropper
Joe WOOD, Gray, TN	DX-390, Grundig Mini 100 PE, whip antenna 

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. Visit the Guide on the new NASWA web site at <http://www.naswa.net/swlguide/>. 

NASWA

Visit our newly redesigned and refreshed club home page on the World Wide Web at <http://www.naswa.net/>

Tropical Band Loggings

Dan Ferguson • 4205 Friendfield Trace • Little River, SC 29566 • troplogs@zerobeat.org

- 2325 **AUSTRALIA VL8T** Tenant Creek 1025-1045 Australia vs Japan soccer in the Asia Cup. R. Australia was a short time behind. // 2485 Katherine; both poor 7/21. (Taylor-WI)
- 2959.95 **INDONESIA RPDT2 Manggarai** 1050-1120 threshold audio for last few days, 6/29-7/1. (Wilkner-FL)
- 3205 **PNG R. West Sepik** Vanimo M 1025-1045, then W 1050-1100; no music heard 7/5. (Wilkner-FL)
- 3240 **SWAZILAND TWR** Manzini 0332-0345* choral vocals, then M w/rel talk in listed Ndaun language. Mix of children's choir vocals and talks until another M gave ID at close, followed by hand bells; fair 6/24. (D'Angelo-PA)
- 3254.96t **BRAZIL R. Educadora** 6 de Agosto, Xapuri; 1000-1015 M in PP; fair 7/2. (Wilkner-FL)
- 3320 **S. AFRICA R. Sondergrense** 0433 talk in Afrikaans; F-P 6/29. (Ronda-OK)
- 3335 **PNG R. East Sepik** (P) 0858-0913 EZL mx, detailed election rx in EE, several reporters with voting results; more EZL mx, weak reception. Better reception 1150-1210, w/on-air phone calls with election information, anmts that this was "special coverage of the 2007 elections", continued with details of the number of votes in so far from different provinces, news headlines, all in EE; heard past 1300 on 7/15. (Howard-CA)
- 3385 **PNG R. E. New Britain** (P) 0915-0925 nx in assumed Tok Pisin, pop songs, heard past 1300; fair 7/15. (Howard-CA)
- 3390.20 **BOLIVIA Emisoras Camargo** seemingly the Latin 0030 0040, weak audio, on 6/28. (Wilkner-FL)
- 3396 **ZIMBABWE ZBC** 0030-0040; fair 6/21. (Wilkner-FL) (P); 0107-0125 in EE & local languages. M anc w/call-ins in a mixture of EE and local languages, Afropop with anc talking over; // 4828; rapidly deteriorated and disappeared by 0125; good. (Taylor-WI-JLS). Poor, sometimes barely audible 7/18. (Ronda-OK-JLS)
- 3905 **PNG R. New Ireland** Kavieng 1100-1115 W with nx items; Synchro Lock held on R8. 7/4. (Wilkner-FL)
- 4052.5 **GUATAMALA R. Verdad** Chiquimula 0243-0315 M in SS talk, dreamy music, solo classical piano through ToH, 0311 ID by man & talk; poor 7/11, poor. Also 0430-0443 with classical music; very poor 7/12. (Taylor-WI)
- 4556.94 **BOLIVIA R. Paititi** Guayaramerin Depto.; *1046 on with weak audio; tnx previous log by Rogildo F. Aragão 7/13 (Wilkner-FL)
- 4650.26 **BOLIVIA R. Santa Ana** Santa Ana de Yacuma; *1040 Weak audio with CODAR on top of signal! 7/13. (Wilkner-FL)
- 4689.90 **BOLIVIA R. San Miguel** Riberalta (T) 0050-0105 using narrow filter in lsb to avoid hash surrounding signal. Heard M in Spanish buried in the hash. Nothing like the R.San Miguel formerly on 4900v. (Wilkner-FL)
- 4717.19 **BOLIVIA R. Yura** Yura carrier on at *0952, program began at 1003 with ID by W, then traditional music. 7/21. *1017 sign on 29 June. (Wilkner-FL)
- 4717.6 **BOLIVIA R. Yura** Yura *1023 with immediate Flauta Andina 7/13. (Wilkner-FL) 4717.63, 0152 on the air. 7/13. (Wilkner-FL)
- 4732 **BOLIVIA R. Universitaria** (P) 0143-0155 mx & SS talk noted b/w short breaks in RTTY QRM. Poor 6/26. (Barbour-NH) (T); 0149-0208 M&W in SS, some music and either signed off or lost in the noise at 0208. Not much to work with so obviously tentative. Very poor with RTTY coming and going but some clear moments which made me hopeful for brief periods of time. Maybe next time? 7/15. (D'Angelo-PA) *1045 late sign on with music; 7/13. (Wilkner-FL) 0140-0203 rtty pattern seemed on for about 2 minutes then off for a minute, A series of "RYRYRYRYRY" at the end of each rtty period. Standard music oldies noted during rtty break. At 0203 W mentioned "5 6 sesenta..." First time noted the station audio dominating the rtty 7/13. (Wilkner-FL) 4732.02, *0958 w/ rock music cover in SS, reminiscent of the 1980's. No ID at beginning of the broadcast which began fading quickly. Signal strength is same as R.Yura. No rtty in the local morning 1000 GMT. 7/2. (Wilkner-FL)
- 4746.85 **PERU R. Huanta 2000** Huanta Ayacucho *0950 w/ ID by M, into music; good 7/2. (Wilkner-FL)

- 4755 **BRAZIL R. Rural** 0020-0101 M w/PP talk, sound effects, handful of vocals and simple „Rural“ IDs noted. Fair to good reception with some CODAR QRM. 7/11. (D'Angelo-PA) 0339 stronger than usual with PP talk by man. Listed to close at 0300; 7/21. D'Angelo has reported hearing IDs as simply "Rural" for this. (Dexter-WI)
- 4763.23 **BOLIVIA R. Chicha** Tocla s/on about 1046 weak, some audio fading out; 7/13. (Wilkner-FL)
- 4770 **NIGERIA R. Nigeria** *0430-0452 open carrier w/ M anc'r opening pgm W/EE anmts & ID 0432; prayer & some religious songs prior to the news at 0445; P-F 7/21. (D'Angelo-PA)
- 4775 **SWAZILAND TWR** 0454-0509 M in rel talk, ID, and usual tuning signal between programs; opened another program at 0500; very poor with much static 6/23. (D'Angelo-PA)
- 4780 **DJIBOUTI R. Djibouti** *0300 w/ anthem and Koran chanting; fair 7/18. (Ronda-OK) 0303 M anc'r, Horn of Africa music; first time heard in many years; poor. (Taylor-WI-JLS) 0310 AA cmtry & chanting by M; poor 6/30. (Wood-TN) 0303 Koran chanting, M in AA at 0312 recheck; F-P 7/12. (Ronda-OK) *0300-0326 opening mx, M ID & AA anmts; another M w/Koran recitations; after another ID 0312, then another man began a long talk; F-G 7/14. (D'Angelo-PA)
- 4780 **GUATAMALA R. Cultural Coatan** 0125-0135 M SS talk, musical bridge, ID with reverb over music (made the ID rather hard to understand), brief anmt by different announcer, ballad. A regular visitor, but better than usual 7/11. (Taylor-WI) 0229-0252* M w/pgm of rustic vocals, SS talk, ID & fqy anmt 0239; more mx till final ID & closedown; instl mx till carrier cut 0252; P-F but clear until Djibouti carrier came on at 0250; 7/14. (D'Angelo-PA)
- 4781.35 **UNID** 0050-0105 very strong carrier with subdued audio, 6/30. (Wilkner-FL)
- 4796.40 **BOLIVIA R. Mallku** Uyuni *1015 carrier on with no audio; programme there five minutes later 7/13. (Wilkner-FL)
- 4799 **GUATEMALA R. Buenas Nuevas** San Sebastian 0314-0320 M SS ID & what sounded like listener call-ins; poor 6/30. (Wood-TN) 4799.8, 0335-0350 SS, lively local music; good 7/19. (Jim Evans-TN)
- 4805 **BRAZIL R. Difusora do Amazonas** 0044-0100* Brazilian pop vocals hosted by M&W anc'rs in PP; fair with some CODAR splatter 6/30. (D'Angelo-PA)
- 4810 **MEXICO R. Transcontinental** 0348 two females in SS talk; best in ECSS-LSB; good 7/5. (Dexter-WI)
- 4825 **BRAZIL R. Canção Nova** Cachoeira Paulista, São Paulo 0945 M ID, into PP mx; 7/2. (Wilkner-FL) 0336-0353 W w/ soft inspirational vocal, then W anc'r w/ ID & rel discussion between two women; more inspirational music; some ODAR QRM; P-F 7/5. (D'Angelo-PA) 0350 vocal, W in PP talk; fair in QRN 7/5. (Dexter-WI)
- 4828 **ZIMBABWE ZBC** Gweru 0105 with Afro-pop vocals; P-F // 3396 poor, sometimes barely audible. 7/18. (Ronda-OK-JLS) (P) 0107 Afropop w/ man announcer w/ talk over. Poor, // 3396. (Taylor-WI-JLS) 2306-2333 vernacular; continuous Afro music w/ occasional CODAR. Poor but improving 6/25. (Barbour-NH) 0150-0200 noted with fair signal on 7/1. Nothing on 3936. (Wilkner-FL)
- 4835 **AUSTRALIA VLSA** 0802-0815 acoustical music and M in EE talk poking through noise floor. Poor, not much to work with but enough to note // 4910-VL8T. 6/18. (Barbour-NH)
- 4835.5 **MALI RTV du Mali** 2324-0002* FF vocals, M anc'r w/ID & FF talk; 0000 ID & close down anmts prior to orchestral National Anthem. Fair 7/20. (D'Angelo-PA)
- 4845 **MAURITANIA RTV Mauritanie** 0040 AA vocals; F-P 7/18. (Ronda-OK-JLS) (P) 0047 AA style music w/ M&W singers. Fair. (Taylor-WI-JLS)
- 4895 **BRAZIL R. Novo Tempo** (P) 0050-0122 PP talks by M anc'r, some vocal selections; no ID noted; fair signal but heavy CODAR QRM made this poor overall, /11. (D'Angelo-PA)
- 4909.2 **ECUADOR R. Chaskis** (P) 0232-0320* continuous rustic Andean mx, some vocals with one very brief anmt by M at 0304; off suddenly without any anmts; poor with some fair peaks 7/22. (D'Angelo-PA) 4909.30 (P); 0213-0304 continuous local folk music, mid-tempo and romantic vocals. No announcements noted. F-P 7/22. [I lost the credit on this - sorry - df]
- 4910 **AUSTRALIA ABC Tennant Creek** 0815-0830* EE discussion program not //9580/9590; abrupt carrier cut in middle of standard musical signature at 0830. Fair. (Herr-CA)
- 4915 **BRAZIL Rdf. Macapa** 0354 M/W in PP chatter, mentions of "Macapa." No sign of R.Quito next door. 7/21. (Dexter-WI)
- 4919 **ECUADOR R. Quito** 0248-0315 lively conversation between three men; series of ads at 0258, ID 0300, jingles and remote reports. Fair with some CODAR QRM. 7/3. (D'Angelo-PA) 0344 LA vocals, ID 0400, more music; slight CODAR QRM 7/2. Also noted, doing better, past 0400 on 7/5. (Dexter-WI) 0439-0541 Latin instl mx, M ID & TC over whistling & SS talk. Conversation by two men followed by another ID at top of the hour and program of Latin music. Fair 6/23. (D'Angelo-PA) 4918.8, 0516 SS songs & anmts; F-P 6/27. Also noted in same time period on 6/30. (Ronda-OK)

- 4930 **BOTSWANA VOA** Mopeng Hill 0435-0445 EE talk by M&W; poor signal with heavy noise and utility interference. Extremely difficult to understand what was said; poor 7/5. (Jim Evans-TN)
- 4949.97 **INDIA AIR** 2354-0103 music, pips & ID at TOH. Two stations battling it out - the other likely Angola. After the half hour, //4840 and 4920 also in at varying levels, w/ occasional flute mx, and talk by M before 0100; talk by W and flute mx after 0100. 4920 also had another station on the channel (CPBS Lhasa?). (Comeau-MA)
- 4960 **SAO TOME VOA** Pinheira 0450-0455 M&W in EE talk about Iraq, President's July 4th speech, etc. Extremely poor signal at noise level. Strong parallel noted on 9575 (Greenville), and weak but relatively interference-free parallel on 12080 (Briech). 7/5. (Jim Evans-TN) 0405 EE nx; poor 7/4. (Ronda-OK)
- 4965 **ZAMBIA The Voice** 0045 contemporary rel vocals; EE IDs 0053 & 0101; finally gone by 0145. F-G 7/18. (Ronda-OK-JLS) 0056 African tribal music, EE ID 0100; poor 7/18. (Taylor-WI-JLS)
- 4976 **UGANDA R. Uganda** 0300-0325 opening mx, M&W ID & anmts in EE & Swahili; local tribal music and drums; P-F 7/20. (D'Angelo-PA) 0402-0426 M w/EE nx, including a feature item about Nigeria at 0412; nx ended 0417, then ID & instl mx; poor to fair signal but CODAR QRM and noise reduced this to poor overall. 7/13. (D'Angelo-PA)
- 5005 **EQ. GUINEA R. Nacional** Bata 0538 poor in SS w/ songs & talk; I rarely hear this station. 6/30. (Ronda-OK)
- 5010 **MADAGASCAR RNM** 0348-0408 tune in to booming signal with man talking in Malagasy with frequent mentions of Madagascar. Group singing and more talk until 0400 ID followed by choral singing. Signal was fair to good at tune in but began deteriorating around 0400. 6/24. (D'Angelo-PA) 0320-0347 M&W talking in Malagasy language with news reports. ID 0330 followed by several remote feeds. Fair 7/3. (D'Angelo-PA)
- 5014.2v **PERU R. Altura** 0247-0359* W SS talk till 0300 when program changed to lively OA music hosted by fast talking M ancr; nice ID & TC 0315; apparent s/off anmts, then instl mx till car-rier cut; poor 6/19. (D'Angelo-PA) 5014.4, 0325-0335 M in SS talk around and over local music; poor 7/19. (Jim Evans-TN) 5014.4, 0335-0404* M in SS talk hosting program of huaynos; ID at closedown but left air without National Anthem; poor 7/19. (D'Angelo-PA)
- 5025 **CUBA R. Rebelde** 0334 SS, Beatles music, W ID; VG 7/6. (Wood-TN)
- 5030 **BURKINA FASO R. Burkina** 2342-0002* mix of FF talk by M ancr, light pop vocals; ID 2359, closedown anmts & orchestral National Anthem; P-F 7/3. (D'Angelo-PA)
- 5039.21 **PERU R. Libertad** Junin; *1030 early s/on for last week, formerly 1100 to 1110. Good signal in narrow lsb. "Radio Libertad... en el pais...Radio Libertad.." 6/29. (Wilkner-FL)
- 5470 **LIBERIA R. Veritas** 2049-2104* animated political discussion between several M in EE, phone callers, short terse ID at 2104 before pulling the plug. Still signing off at approx. 2100 despite WRTVH saying it's on to 2300. 7/13. (Lobdell-B.I. MA)

From Mark Taylor and Jim Ronda: On 7/17/07, 2215—7/18/07, 0315 we held a joint listening session, checking in with each other every few minutes by e mail. The evening was notable for an opening to Africa with Mauritania, Tunisia, Zimbabwe, and Zambia, and an opening to Asia shortly thereafter 25 meters and above. We combined logs and noted (JLS) since we heard them so close together. Listening about 700 miles apart does yield some different results however, and we both had Unid's and notable logs that the other did not hear. Notes:

- 4790.20 **PERU R. Visión** Chiclayo seems off the air or on new frequency; was on 4385 in the past; seems not to have returned to this frequency; disappeared at the end of June; this may indicate a budget cut? (Wilkner-FL)
- 4819.21 **HONDURAS La Voz Evangélica** Tegucigalpa; has been silent for several months. (Wilkner-FL)
- 4876.1 **BOLIVIA R. La Cruz del Sur** La Paz silent for over a year. (Wilkner-FL)
- Deadline for reports to the Distribution Editor is Aug 10. I can take reports directly to TropLogs@zero-beat.org as late as Aug 19, preferably in the format used in the column.

International Band Loggings


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

- 5930 **SLOVAKIA RSI** in EG *0100, IS, ID, national nx, ment of European Union, g (McGuire MD 7/4)
- 60094 **COLOMBIA La Voz de tu Conciencia** Puerto Lleras in EG/SP 0020-0059, OM preaching in EG and translated into SP, soft mx, ID, p-f prior to being wiped out w/Sweden s/on 0100 (D'Angelo PA 7/21) in SP 0455-0530, long talk, ID, vocal, animated preaching, poor (Taylor WI 7/12)
- 6010 **CANADA R Sweden** relay in EG 2300, discussion of artifacts and highlights of museums in Sweden, strong QRM (Branco NY 6/21)
- 6010 **MEXICO Radio Mil** Mexico City in SP 0518, OM/YL w/light mx, ID, more mx, p (Taylor WI 7/13)
- 6020 **ALBANIA China R Int** relay in EG *0001, ID, rpt on HongKong, ment Taiwan, g (McGuire MD 6/14)
- 6030 **CANADA CFVP** Calgary relaying MW CKMX in EG 0723, ID, "Classic Country AM 1060", C&W songs, seldom heard except on Mondays when they have no QRM (Hauser OK 6/29) 100 watt station!
- 6040 **BULGARIA R Budapest** in EG *0059-0128*, multiple IDs prior to s/on, fanfare opening, ID, news, interview feature, dance mx requests for listener in Calif, mentioned ceasing EG broadcasts in the future, good, //6195 (D'Angelo PA 6/30, Ronda OK 6/30)
- 6055 **SPAIN REE** Noblejas in EG 0030, "Radio Waves" feature - DX pgm, QRM Cuba (Fraser ME 6/12)
- 6080 **CZECH REPUBLIC R Prague** in EG *0331, news w/ments of US Air Force bases in Czech Republic and a monument dedicated to R Free Europe in Prague, good (Wood TN 7/14)
- 6145 **CANADA China R Int** relay in EG *2300, ID, rpt on Australia, mention Hamas, g (McGuire MD 7/15)
- 6150 **BRAZIL R Record** Sao Paulo in PT 2350, talk, ad string, ID, jingles, p-f (D'Angelo PA 7/10)
- 6175 **CANADA V of Vietnam** relay in EG *0230, ID, local nx, talk on Agent Orange, g (McGuire MD 6/22)
- 6255 **LITHUANIA The Mighty KBC** (Holland) relay via Sitkunai in EG 0140-0200*, music by the Motley Crue, Blues Traveler and other artists, many IDs, ad for Kaito products (Barbour NH 7/22) Sats only.
- 6890 **ALASKA KNLS** Anchor Point in EG 1011, testimonials b/w pop mx, promos, IDs, p (Barbour 7/17)
- 7235 **IRAN VOIRI** Sirjan in EG 0147, YL and OM making anti-American comments reminiscent of the Cold War days, strong signal but low audio (Strawman IA 7/22)
- 7250 **ARMENIA V of Russia** relay via Yerevan in RS 0226, ID, call-ins, dance music in RS, OM/YL with news?, f/g with polar flutter, //7125 Moldova relay (Taylor WI 7/14, Mikell IL 7/15)
- 7270 **EGYPT R Cairo** in EG 0233, copying music, ID, fqys, request listener rpts, vg-exc but mostly under modulated making copy difficult (Mikell IL 7/1)
- 7275 **TUNISIA RTV Tunisienne** Sfax in AR 0422, AR and FR rx ranging from torch songs to traditional Mideast instrumentals, vg reception (Wood TN 7/6)
- 7295 **MALAYSIA Traxx FM** relay via RTM Kuala Lumpur in EG 1411, sports news, into "Welcome to Rock It. We will rock you all the way to one AM", FM IDs, Rolling Stones songs, f (Howard CA 7/20)
- 7440 **UKRAINE RUI** Lviv in EG 0336-0400*, "Ukrainian Traditions" features dealing w/jewelry in the region from prehistoric times until the current era and one on social societies in the Ukraine that focus their activities on fun, frivolity, and the drinking of beer, vg (Wood TN 7/14) in EG *0000, IS, ID, national news, and report on the European Union, good (McGuire MD 7/4)
- 7555 **KUWAIT VOA** relay in EG 2335, news in Special English, ID, talk re website, p-f (D'Angelo 7/10)
- 9355 **NORTHERN MARIANAS R Free Asia** relay via Saipan in Laotian/EG 1119, Laotian mx, ID, OM interviewing 2 YLs apparently about a Lao orchestra, both YLs used EG phrases, fanfare 1130, dance mx, ancmts, ment Laos and Vietnam, RFA address, fqy info, e2l mx, s/off 1200 (Taylor WI 7/11)
- 9435 **RUSSIA V of Russia** relay Petropavlovsk in EG 0348, mix of Asian/Euro mx, web, ID (Ronda 6/27)
- 9495 **IRAN VOIRI** Kamalabad in EG 0200, cmntry re Iran's nuclear pgm, ID 0205, f (Ronda OK 7/7)
- 9525v **INDONESIA V of Indonesia** Jakarta in EG 0755-0900, ID, one hour EG xmsn w/news, sports, and feature "Getting to Know Indonesia" and "Weekly Review", fqys, //11785 and 15150, f-p (Howard CA) in EG 0800, ID, pgm about Gamelan music, news 0856, g (Herr CA 6/27) in IN 1340, usual pop music pgm, ancmt in EG re RRI website, good w/some fading (Strawman IA 6/16) in KR 1320 mixing at equal level w/vocal mx, slight fading (Hauser OK 6/20) in SP 1700-1800, mostly music except for newscasts bracketing the hour, into GM lang at 1800 and FR at 1900 incl EG ID (Delmage AB 6/30)
- 9590 **CHINA China R Int** via Kashi in SP 0050-0057*, tkl by OM and YL, instrum'l mx, p (Evans TN 7/17)
- 9615 **MOROCCO R Liberty** relay in Kazakh 0245, cmntry by OM, Asian vcl, ID, nx, f (Taylor WI 7/10)

- 9645 **CANADA KBS World Radio** Korea relay in EG 1250, news re cutback of US forces in South Korea, rising food prices, and anniversary of Korean War, vg (Branco NY 6/25)
- 9675 **BRAZIL R Canção Nova** in PT 2354, OM talk, vocal sels, ID, fqy list 0003 and back to songs, p-f (Ronda OK 6/21) in PT 0947, fanfare, ID, fqys, mx bridge, short vocals, f-p (Taylor WI 6/25)
- 9680 **INDONESIA RRI** Jakarta in EG 1008-1028, KGRE pgm #5603, songs by Abba and others, interview of Tora Sudiro of popular comedy show "Extravaganza", f (Howard CA 6/27) Hrd weekly Sun & Wed
- 9690 **NIGERIA V of Nigeria** Ikorodu in Hausa 0749, OM talking w/ numerous ments of Nigeria, brief drum mx at end of pgm, YL w/ID, news, p-f (D'Angelo PA 6/18)
- 9700 **BULGARIA RB** in EG *2300, IS, ID, fqy, sked, report on Romania, g (McGuire MD 6/27)
- 9740 **SINGAPORE BBC** relay in EG 1235, discussion of opposition politics in Zimbabwe, f-p, //9465 relay in French Guiana, g (Ronda OK 6/23)
- 9775 **RWANDA Deut Welle** relay in GM *2200, IS, ID, regional nx, mentions of Afghanistan and Pakistan, good (McGuire MD 7/4)
- 9780 **ALASKA KNLS** Anchor Point in CH 1300, still in operation despite approaching forest fire, TS, IS, mixing w/station(s) in CH, //9795 in the clear w/IS running until 1302 which then opens its own pgm in CH (Hauser OK 6/26)
- 9790 **ROMANIA RRI** Bucharest in EG 2207, news, ID, discussion re officials who beat up protesters before liberalization in 1990 not being brought to justice, g (Taylor WI 7/17)
- 9800 **MONACO TWR** relay via Monte Carlo in EG 0800, religious pgm, "Through the Bible", TWR URL and postal address, good (Barbour NH 6/26)
- 9805 **MOROCCO R Farda** relay in Persian 0050, studio chatter, Farda IDs, g, //9865 g (Ronda OK 6/20)
- 9845 **UNITED KINGDOM Leading the Way** relay via Skelton in EG/RS 0350-0359*, OM preaching in EG with translation into RS, mx bridge, ancmts in RS, s/off w/o ID (Ronda OK 7/8) ED: Broadcasting on Saturdays only from 0330-0400.
- 9875 **LITHUANIA R Vilnius** in EG 2335-0000*, listener's mail, folk mx, good (Strawman IA 6/23)
- 9880 **RUSSIA V of Russia** really via Armavir in EG 0300, IS, ID, nx, ment of Hamas (McGuire MD 6/17)^m in EG 0403-0441, pgm about Czar Ivan, feature re trade unions in Russia, vg (Wood TN 7/14)
- 9970 **BELGIUM RTBF International** in FR 0300-0325, pips, ID, news, pop mx pgm with "Brown Sugar" by the Rolling Stones, poor and choppy at opening improving to fair (D'Angelo PA 7/21)
- 11590 **ISRAEL Israel Radio** Tel Aviv in EG 0332, news, ID, TC 0345 and into FR. g (Ronda OK 7/12) in EG 1900, items about Hamas-Fatah battling and new spy satellite, g (Fraser ME 6/11)
- 11600 **CZECH REPUBLIC R Prague** in EG 2130, news, ID, pgm sked, "Magazine" and "One of One" features, vg (Delmage AB 6/30)
- 11650 **NORTHERN MARIANAS KFBS** Saipan in RS 1056, OM and YL w/chimes b/w short articles, ID, 45 seconds of dead air, another ID and start of next pgm also in RS, contemp mx (Taylor WI 6/25)
- 11680v **NORTH KOREA KCBS** Pyongyang via Kanggye in KR 0947, martial mx, talks by OM, pips at 1000, ID, poor w/fades (Barbour NH 7/17)
- 11690 **JORDAN R Jordan** in EG 1547, rock mx pgm, ID, OM with "Don't touch that dial, 96.3 FM, Radio Jordan", fair signal in USB w/RTTY on the low side (D'Angelo PA 7/10)
- 11710 **NORTH KOREA V of Korea** Kujang in SP 1154, opera, ID, news, f-p (Taylor WI 7/21)
- 11735 **ROMANIA RRI** Bucharest in EG 1740, variety pgm, IS, before s/off 1757, S-7 (Strawman IA 6/25)
- 11750 **THAILAND BBC** relay in EG 1330, ID, nx headlines, Paul McCartney songs, f-p (Ronda OK 6/23)
- 11785 **USA Hmong Lao Radio** relay via WHRI in Laotian 1325, impassioned speaker w/frequent EG terms mixed in w/Laotian on political situation in Laos and need for reform (Hauser OK 7/14) Sat-Sun only
- 11790 **UZBEKISTAN CVC International** relay via Tashkent 0146, usual format of contemporary religious music, CVC promos and IDs, poor (Barbour NH 7/14)
- 11795 **SPAIN REE** Noblejas in Sefardi 0137, pgm in rare Biblical Hebrew dialect w/SP and PT elements, fair w/some ACI from Italy 11800 (Hauser OK 7/10) Tues only on this fqy beamed to S America.
- 11800 **ITALY RAI** Rome in IT 0158-0246, talk, multilingual IDs 0200, news, contemporary IT mx w/many ballads, short articles, good (Taylor WI 7/24) in PT 2300, news, discussion re operettas, symphonic classical music selections, f-g (Branco NY 6/24)
- 11800 **BULGARIA R Bulgaria** in BG 1830, interviews, current events, promo spots, pop mx selections, strong signal (Branco NY 6/29)
- 11925 **BRAZIL R Bandeirantes** São Paulo in PT 0349, rapid-fire talk, short mx sels, IDs (Ronda OK 7/12)
- 11990 **KUWAIT R Kuwait** in EG/AR 1915-2100*, pop mx to 1930, IDs, short story by Kuwaiti author, news in brief, local TC, closedown ancmts, fqys, orch NA and pips 2100, AR ID, f-g (D'Angelo PA 7/21)
- 12065 **RUSSIA V of Russia** via Chita in VT 1250, choral mx, talk by YL, ID 1300, poor (Ronda OK 6/23)

- 12085 **RUSSIA TWR** relay via Novosibirsk in Nepali 0134, gospel song by children's choir, talks, Katmandu address, s/off 0145, f-p (Ronda OK 6/21) in Nepali 0138, very interesting song w/western melody but So Asian instruments and harmonies, instrumental, off at 0145, fair (Taylor WI 7/20)
- 13635 **RUSSIA V of Russia** via Petropavlovsk in EG 0420, talks re the recipe for a Russian pastry and a Russian physicist, fair, //9860 via Vatican relay w/good signal (Evans TN 7/17)
- 15075 **INDIA AIR** Bangalore in Kannada dialect 0220, instrumental mx non-stop thru 0230, talk at 0255, f-p, //11985 (Ronda OK 7/18, Taylor WI)
- 15120 **NIGERIA V of Nigeria** in EG 1900, preview of upcoming programs this week, f (Branco NY 6/24) in EG 2053, discussion of Nigeria's public health policy, ID, off at 2058, p (Ronda OK 7/14)
- 15160 **SOUTH AFRICA R France Int** relay in EG 1650, cmntry on a major loss of hippos in an African national park, f (Fraser ME 6/12)
- 15190 **EQUATORIAL GUINEA Radio Africa** Bata in EG 0955-1100, Christ Gospel Broadcast, ID at 1057, then into another canned Christian pgm, good signal at seacoast DX QTH (Lobdell MA 7/13)
- 15235 **GERMANY Advanced World Radio** relay via Juelich in EG 2015, religious pgm w/children's songs in EG, ID at 2019, fair to poor level (Ronda OK 6/23)
- 15295 **MALAYSIA Suara Malaysia/Voice of Malaysia** RTM in AR 1623, Mideast type mx - traditional and upbeat songs. ID "Suara Malaysia Kuala Lumpur", f-g (Howard CA 6/30)
- 15345v **ARGENTINA RAE Radio Nacional** in SP 2238, long phone interviews, guitar mx, 5+1 pips at 2300, IDs, p-f (Howard CA 7/21) in EG 1823-1854, EG service to Europe, mx of Argentina, tourist info, economic news, DX pgm 1838-1845, ID, IS, g-p in rapid fading (Ronda OK 7/13)
- 15425 **RUSSIA V of Russia** via Petropavlovsk in RS 0258, talk, RS style male chorus, Kremlin bells, poor (Taylor WI-DX site 7/17)
- 15715 **ZAMBIA CVC International** relay via Lusaka in EG 1727, interview re hospital, contemporary relig mx b/w various CVC IDs and promos, poor under propagation QRN (Barbour NH 6/26)
- 17795 **AUSTRALIA R Australia** in EG 2330, news briefs, feature "Connect Asia", good (Park HI 6/24)

Clandestine/Opposition Stations

- 5910 **GERMANY Radio Republica** relay via Wertachtel in SP 0208, OM w/talk ending w/ID and address, long sequence of IDs and pgm ancmts, address, "amistad e libertad", several spots w/slogans, Cuban music, good level w/Cuban bubble jammer underneath (Taylor WI 6/19)
- 6100 **CANADA Radio Republica** relay via Sackville in SP 0215-0245, discussion by 2 OMs, ID 0230, long talk by OM, good level with Cuban bubble jammer underneath (Taylor WI 7/11)
- 6135 **UNITED KINGDOM Radio Republica** relay via Rampisham in SP 0020, anti-Castro talk, ID, Cuban mx, jingle, ad string, fair to poor w/QRN and bubble jamming (Taylor WI-DX site 7/18)
- 9485 **TAIWAN Shiokaze-Sea Breeze** relay via Taipei in EG 1305-1330, news stories about No Korea from the Washington Post, Herald-Tribune etc., IDs "This is Shiokaze Sea Breeze from Tokyo, Japan", fair (Howard CA 7/15)
- 9765 **MADAGASCAR Radio Voice of the People** relay in EG/Vern *0357-0445, musical opening ID and fqy ancmts in local language and EG, news, various rpts, Afro pops (D'Angelo 6/30, Ronda 7/1)
- 9780nf **TAIWAN Radio Furusata no Kaze** relay in JP 1600-1630*, pgm of non-descript talking in Japanese which at times sounded like a radio drama, piano mx, YL with s/off ancmt seemed to spell out their E-Mail address, 10 second tone before s/off, f-g with no jamming (Howard CA 7/11)
- 9930 **HAWAII Open Radio for North Korea** via KWHR Naalehu in EG 1054-1158*, Lester Sumrall with preaching until program close, ID 1058, soft instrumental mx until opening of Korean lang program, mainly talks, some EG pop mx selections, KWHR ID at s/off, f-g (D'Angelo PA 7/10) in EG 1059, ID for KWHR, religious pgm by Matthew Flanigan Ministries, postal address in Victoria, Australia (Howard CA 6/30) 

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