

# The **NASA** Journal

VOLUME XLVIII NUMBER 4

APRIL 2008



## Is there a radio broadcast?

- NHK has been broadcasting its short-wave radio service for over seventy years.
- The radio service can be received anywhere in the world with a portable radio, you can take it everywhere you go.
- The radio can be invaluable in times of major events and disasters.
- The service provides the most recent information from Japan and Asia in 18 languages, including English and Japanese.

This is what NHK World Radio Japan is all about.



# Quality Equipment From Universal Radio

## ApexRadio 303WA-2

The Apex Radio 303WA-2 is a quality passive receiving antenna providing coverage from 30 kHz to 30 MHz. The antenna is designed for areas where space is a problem or when an unobtrusive installation is essential. The small size and relatively lightweight design is ideal for installation in a confined space such as apartment balcony. Since the 303WA-2 is passive it provides superior low noise performance, free of cross and inter-modulations. The 303WA has a "U" bolt metal fitting that will require a short stub mast (not supplied). The mast diameter can be 0.4 to 1.9 inches. The antenna has a total height of 6 feet. It comes with a pre-assembled 30 foot length of cable with a PL259 plug to connect to the antenna base and a BNC plug for your radio.

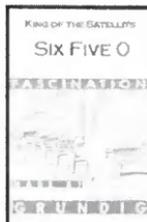
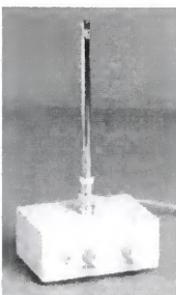
Order #1026 \$119.95



## ApexRadio 700DTA

The Apex Radio 700DTA is a compact active antenna specifically designed to provide good medium wave and shortwave reception when large external antennas are not practical. The compact 700DTA employs a Hi-Q manual tuning circuit plus and high gain amplifier providing 20dB gain from 500 kHz to 30 MHz. The 700DTA is housed in an aluminum high pressure die-casting case with superior electromagnetic shielded performance. The band selection knob selects: 0.5-1.5, 4-10, 7-20 and 12-30 MHz. The supplied telescopic antenna (6-23 inch) plugs into a BNC jack on top of the unit. Output to the receiver is a female 50 ohm BNC jack. This antenna is supplied with a 10 foot BNC to BNC coaxial cable. Operation is from a 9 volt battery.

Apex 700DTA Order #3872 \$179.95



## King of the Satellites - Six Five O The Grundig Satellit 650

By Thomas Baier.

Here is the book Satellit 650 owners have been waiting for. Clearly the famous Satellit 650, was the "king" of the Grundig Satellit line. Author Thomas Baier, draws from his sources in Germany to report all about this famous world band receiver. Over 100 pictures are featured in this 80 page book. Learn about variants, production numbers, disassembly, adjustments, bulb replacement and much more. The Owner's Manual and circuit schematic are also fully reproduced. This is a "must have" reference for anyone lucky enough to own a Satellit 650. 80 Pages 8 1/2 x 11 inch. First Edition - Second Printing. ©2007

Order #0650 .....\$22.95



## Listening to Longwave The World Below 500 KiloHertz

By Kevin Carey.

Listening to Longwave is your introduction to the fascinating "basement band" of the radio spectrum. Key features of this book include:

- ✓ Who is on the air — when and where to listen.
- ✓ Receivers, converters and antennas for effective longwave reception.
- ✓ Longwave listening tips.
- ✓ Monitor the sounds of nature: Whistlers, Tweeks, Dawn Chorus and other radio atmospheric.
- ✓ Longwave navigation beacons, time stations, broadcasters, time stations and NAVTEX weather broadcasts.
- ✓ License free experimenter's band.

Universal Radio ©2007 98 pages.

Order #0024 .....\$6.95

## KAITO-ELECTRONICS INC. KA33

The Kaito KA33 is an active shortwave, wire loop antenna that covers AM plus shortwave 3.9 to 22 MHz. The KA31 has dual outputs. If your portable shortwave radio has an 1/8 inch mini antenna jack you can plug this antenna directly in. For shortwave radios without an antenna jack, you also get simple clips for direct connection; the radio's telescopic whip antenna. The control box has an LED to remind you when the antenna is turned on. There is a Tuning Knob on the control box that should be adjusted as you change frequency. This antenna is designed for indoor use only and requires two AAA cells (not provided).

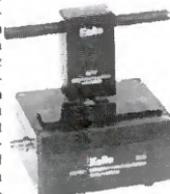
Kaito KA33 Order #3670 \$36.95



## KAITO-ELECTRONICS INC. KA35

The Kaito KA35 is an active shortwave, medium wave loop antenna that covers 100 kHz to 30 MHz. It features an interchangeable a Ferrite element (that provides a degree of directionality) and a telescopic whip element. This antenna has a built-in fixed battery. This battery is rechargeable via the built-in solar cell, the supplied AC adapter or via a computer USB cable. Output is to a junction cable that, in turn, has output to a 3.5mm mini plug. (Please note the BNC jack is strictly to the junction cable). This antenna is designed for indoor use only.

Kaito KA35 Order #4835 \$89.95



## HY POWER AB-SWL-SL

The new Hy Power AB-SWL-SL sloper will cover the 120 to 11 meter shortwave broadcast bands plus MW. It is constructed with 12 gauge insulated wire and stainless hardware. This 82 foot antenna accepts either a PL-259 or twinlead (neither supplied).

AB-SWL-SL Order #5062 \$89.95

## USED GEAR

Visit our website for great used equipment values. It now features photographs of select items and an informative archive of hundreds of previously sold radios.

## ApexRadio SPL-2

The SPL-2 allows two shortwave receivers to be connected to one antenna without interaction and with minimal signal loss. A very high degree of isolation (over 30 dB) between both receivers operates that each receiver can be tuned and oriented as if it were connected to its own antenna. The SPL-2 can also be used in reverse. That is, as an antenna combiner for two antennas to one receiver. This device is operational from 1 MHz to 650 MHz. This is a passive (not amplified) device. The SPL-2 uses three SO-239 jacks.

SPL-2 Order #5043 \$119.95



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★ U.S.A. flat-rate shipping: Under \$50=\$4.95,  
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Except Alaska, Hawaii and Puerto Rico.

**Dan Ferguson** announces the formation of the NASWA Yahoo Mail Group. This group is for, and limited to, members/contributors to NASWA's *Journal* and other NASWA publications to discuss reception of shortwave radio broadcasts, program content, propagation and equipment. Discussions should be related to any aspect of the hobby from reception conditions, loggings, program content, hot news and information as well as radio equipment and accessories. In other words, the same type of material that you would tend to see in *The Journal* or the *Flashsheet*. Please keep in mind that loggings, QSL news, schedule changes should also be reported to the appropriate column editor of the *Journal* for publication. This forum is a supplement to, not a replacement of, *The Journal*. With your request to join, please leave your name, location, and enough information in the comment box so the moderator can determine that you are a NASWA member/contributor. Whatever you say in the comment box is seen only by the moderator—it is not seen by members of the group. Subscribe by going to <http://groups.yahoo.com/group/NASWA/>. Thanks Dan for launching this exciting new venture for the club. The rest is up to you, the membership, to determine the success of this operation.

The 21<sup>st</sup> Winter SWL Festival is now history with 160 radio hobbyists descending upon Kulpsville for a weekend of radio fun. It was another success thanks to the combined efforts of co- Feistmeister's **Rich Cuff** and **John Figliozi** and a cast of able supporters that make this the best radio gathering available. Thanks to **Ed Mauger** and **Bill Oliver** who held down the club table throughout the gathering. There were a lot of excellent presentations and plenty of the usual informal discussions that make this gathering what it is ... the best around! At

the Saturday night banquet, I had the pleasure of announcing that **Brian Alexander** of Mechanicsburg, PA was selected by the Executive Council as recipient of the William P. Eddings Award as the club's member of the year. Congratulations to Brian for a job well done! Thanks to **George Zeller** for stepping in for an AWOL **Harold Cones** as our master of ceremonies for the grand raffle. As usual, it was an interesting affair with member **Bill Bergadano** winning the grand prize, an Icom IC-R75.

From **Adrian Peterson** we learn, "In response to numerous requests from a multitude of listeners in many different countries throughout the world, Adventist World Radio (AWR) is pleased to announce the re-introduction of our popular DX contests in association with our DX program, Wavescan." The contest will be held in April. In Part A of the contest listeners are invited to search their own personal QSL collections and to choose 26 QSLs, one for each letter in the English alphabet. Part B asks for a copy the 5 best QSL cards in this list. Part C asks listeners to submit 3 reception reports on AWR transmissions. Finally, in Part D listeners are required to submit 3 radio cards. The only valid address for contest entries is: Alphabet DX Contest, Adventist World Radio, Box 29235, Indianapolis, Indiana 46229, USA. The world winner in AWR's "QSL Alphabet DX Contest" will receive a copy of Jerry Berg's "On the Short Waves" with additional continental winners being awarded a copy of their choice, *Passport to World Band Radio* or *World Radio TV Handbook*, 2008 or 2009. Additional awards will be sent to qualifying entries and these will include AWR souvenirs and other similar items. The contest was last held in 2004 when **Guntur Jacob** of Passau, Germany was the winner of the "QSLs with a Theme" contest. Although not held every year, the contest dates back to 1977 when

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## Our Motto: Unity & Friendship

**Victor Goonetilleke** of Colombo, Sri Lanka was the winner of the "AWR Program Outlets" contest. The 2008 contest is the 19<sup>th</sup> such event. Good luck!

The Danish Shortwave Club International will hold its Annual General Meeting on 14 June 2008 and DX Camp from 13 through 15 June 2008 at Vardeborg, Vejers Beach, Denmark. This Danish affair is always a good time so if Europe in June is in your plans then you may want to consider this friendly DXer gathering. Nothing beats meeting other like-minded radio hobbyists. The location is close to the North Sea which seems to enhance the DX during these gatherings. For further information contact **Bent Nielsen** (bent.elin@webnetmail.dk), Egekrogen 14, DK-3500 Vaerloese, Denmark. Participation fee for the DX Camp is US\$80.00.

In the current issue of *Power* (March 2008), an electric utility industry trade publication, there is an item in its Global Monitor column entitled "New Solar Cycle Poses Risks." The article talks about National Oceanic and Atmospheric Administration (NOAA) scientists reporting that a new 11-year cycle of heightened solar activity showed signs of beginning. It warned that increased solar activity would increase risks for power grids; critical military, civilian and airline communications; GPS signals; and even cell phones and ATM transactions. Calling the new sunspot, identified as #10,981, the "first robin of spring" a NOAA physicist warned that "it's an early omen of solar storms that will gradually increase over the next few years." The article talked about NOAA being the nation's first alert for solar activity and its effects on Earth. Scientists are saying that Solar Cycle 24 is expected to build gradually reaching a maximum level by 2011 or 2012. The concern is that "during a solar storm highly charged material ejected from the sun may head toward Earth, where it can bring down power grids, disrupt critical communications, and threaten astronauts with harmful radiation. Storms can also knock out commercial communications satellites and swamp GPS signals. Routine activities such as talking on a cell phone or getting money from an ATM machine could sudden halt over a large part of the globe."

There was no discussion about the possible improvement for shortwave listeners.

The 34<sup>th</sup> edition of the Australian Shortwave Guide (ASWG-34) is available. The ASWG-34 is a no-frills reference, covering the seven-month international shortwave transmission period commencing March 31 2008, and concluding on October 26 2008, known as the A08 International Transmission Season. With several hundred entries, it provides comprehensive information of shortwave broadcasting schedules for transmissions intended for Australia, New Zealand and the Pacific Islands, for broadcasts in all languages. The complete schedules for Radio Australia and CVC-Australia are included. The ASWG has been around for a long time and was first published in 1982 as a supplement to an early Australian commercial electronics magazine. When that magazine ceased operations in 1992, it became an independent publication, ultimately transforming itself into the "Australasian Shortwave Guide", and subsequently became "Shortwave Broadcasts to Australia and Oceania". The ASWG-34 is available for US\$10.00 / 10 Euro / 6 British Pounds / A\$10 - cash, five international reply coupons, Australian mint stamps to the value of A\$10, international bank transfer, international bank draft, PayPal. Cash payment in any other currency is acceptable, to the equivalent of AUS\$10. All payments should be sent to: **Robert J. Padula**, 404 Mont Albert Road, Mont Albert, Victoria 3127, Australia.

The current rumor is that Israel Radio's shortwave radio broadcasts in all languages will cease on March 31. As most readers know, shortwave radio broadcasts from Israel have been under threat of closure for many years. They were saved in the past by an outpouring of protest letters from worldwide listeners. By the time the *Journal* reaches your hands, we will have an idea if this happened or not.

Here is a brief reminder that **David Ricquish**, a Radio New Zealand International (RNZI) Mailbox contributor and Chairman of the Radio Heritage Foundation, is making a special request of Radio New Zealand shortwave memorabilia. He has been asked by RNZI to

produce a special documentary celebrating 60 years of shortwave broadcasting from New Zealand since September 1948. He is looking for any old audio recordings of RNZI shortwave broadcasts, any old program guides or frequency schedules, old QSL cards, old newspaper or magazine clippings, any interesting stories about the station, personalities, or photos. Please write and tell him what you have, as it may help with the research involved over the coming months. If it's audio, please advise the format [tape, cassette, CD or whatever] and if they're photos, please send a short list. David is especially interested in material from outside New Zealand, and reception by listeners over the years in Europe, North and South America, Asia, Africa and the Middle East. Please contact David at P. O. Box 14339, Wellington 6241, New Zealand or e-mail at [info@radioheritage.net](mailto:info@radioheritage.net).

There is still time to participate in the 2008 celebration of the tenth anniversary of the Euro-African Medium Wave Guide (EMWG) with its special quiz. Herman Boel and the EMWG <[www.emwg.info](http://www.emwg.info)> mention that: "The quiz, 21 questions, will deal with many radio aspects, and will not solely cover medium wave. The contest dates have been set to 01 March 2008 through 30 April 2008. A special web site has been set up for the contest: [www.emwg-contest.org](http://www.emwg-contest.org). Please feel free to have a look. There you will find the information on schedule, prizes (for now), sponsors, etc. As participating is (really) more important than winning, some prizes are given randomly to entrants. Finally, I would already like to thank the following sponsors: Medium Wave Circle, Danish Shortwave Club International, RadioVisie, and NASWA." This contest looks like an interesting opportunity for a little radio fun that I am sure members will appreciate. NASWA has donated prizes for the event and we hope many of our members will participate.

The exhilarating Reading Area DXers had another meeting just before the Winter SWL Festival on February 29, 2008 at The Flying Dog in beautiful and majestic Earlville, PA. The usual agenda of informal discussions, passing around some old radio related magazines, and some food and drink was the order

of the day; nothing fancy but always a lot of fun. The group's next meeting was scheduled for Friday, March 28, 2008. If you would be interested in attending future gatherings please contact me so I can get you on the Reading Area DXer distribution list. That way any changes in time, date, venue, etc can be rapidly transmitted to all concerned. Meeting with fellow hobbyists is a great way to add enjoyment to our fine hobby.

Speaking of local group meetings, **Dan Cashin** informs me that the Philadelphia Chapter meetings have now been cancelled. Philadelphia members should consider attending the Reading area meetings until something new develops in the greater Philadelphia area. If any member in the downtown Philadelphia area would be interested in developing a local chapter for meetings, contact me for assistance. It was a great run but after almost 20 years the group has dwindled to only a few interested souls who manage to attend the Reading area meetings these days. However, it would be nice if we could establish something in the downtown area so if any members is interested, let's try to get something going.

We are in the latter stages of the DX season and we are in the beginning stages of a new sunspot cycle. Are you getting the latest hot information about what is happening on the shortwave bands? Having the club's electronic *Flashsheet*, now over 320+ issues old, in your hands each week you will be up to date with news and information about the DX scene as the season progresses. 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](mailto: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, last minute income tax tips, 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. 

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## FRENDX: Twenty-Five Years Ago (April 1983)

Bill Oliver's Headquarters Report noted that the Voice of America had 6 positions open for English Interns requiring 3 years of general experience and 1 year of specialized experience. In John Herkimer's Shortwave Central Al Sizer wrote about "The Mystique of the QSL" while Steve Reinstein wrote about Latin American clandestine stations, specifically the counter revolutionary movements, in "La Contra." Part 5 of Don Jensen's "On to the Top" discussed the factors involved in station identification. The column closed with Herk taking a look at Sherwood Engineering. A Loudenboomer Reports appeared lampooning imitation Loudenboomer columns. In Vintage Vignettes, Bill Taylor wrote about understanding power supplies. Ed Shaw discussed understanding exalted carrier in the Technical Topics column. In the QSL Report, Sam Barto noted that 103 countries were reported with a nice selection of Peruvian stations. A *Frendx* Portrait featured Mac Leonhardt in his shack. In Log Report A, editor Stu Klein complained about loggings being reported to other sections of the bulletin. Nick Pappas noted in the Log Reporters column that 51 members contributed this month. 

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## Calendar Of Events

- Mar 28 Meeting.** The **Reading Area DXers** will hold another meeting at The Flying Dog in majestic Earlville, PA (Route 562 and Airport Road). Members gather around 5:30 PM near the bar area before heading into the restaurant for dinner and further discussions. Contact Rich D'Angelo (2216 Burkey Drive, Wyomissing, PA 19610; 610-678-0937; rdangelo3@aol.com) for further information about future meetings.
- Apr 5 Meeting.** The next meeting of the **Reading (England) International Radio Group** is scheduled for Saturday, April 5th at 2:30 PM in Room 3, Reading International Solidarity Center, 35-39 London Street, Reading. Further information is available from Mike Barraclough by e-mail <mikewb@dircon.co.uk> or phone 01462 643899.
- Apr 11 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: ctreditor@aol.com. The URL for the BADX guys is <http://www.naswa.net/badx/>

**Apr 21 Meeting. Tar Heel Scanner/Shortwave Listening Group.** Red, Hot and Blue restaurant, 6615 Falls of the Neuse Rd., Raleigh, NC. Dinner @ 6:30PM, meeting @ 7:30PM. Meetings the 3<sup>rd</sup> Monday of each month. Info, Curt Phillips, 919-773-4522, <mailto:curt@nerdster.net>curt@nerdster.net.

**Mar/Apr Contest. The Euro-African Medium Wave Guide (EMWG)** will celebrate its 10<sup>th</sup> anniversary. On this occasion a quiz contest will be held, open to everybody, regardless of location or club membership. The quiz, 21 questions, will deal with many radio aspects, and will not solely cover medium wave. The contest dates have been set to 01 March 2008 through 30 April 2008. A special web site has been set up for the contest: [www.emwg-contest.org](http://www.emwg-contest.org).

**May 10 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>>

**Jun 13-15 Annual General Meeting (AGM) and DX Camp. The Danish Shortwave Club International** will hold its AGM June 14th and DX Camp from June 13th through June 15th at Vardeborg, Vejers Beach, Denmark. For further information contact Bent Nielsen (bent.elin@webnetmail.dk), Egekrogen 14, DK-3500 Vaerloese, Denmark. Participation fee for the DX Camp is US\$80.00.

**Aug 16, 2008 Convention. 2008 Madison-Milwaukee Radio Get-together.** The 15<sup>th</sup> Annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will take place on Saturday, August 16, starting at 1 PM CDT. This year's venue is Milwaukee WI, and Tim Noonan will be hosting. Further information will be released as it becomes available.

**Sep 5-7, 2008 Convention. The 2008 European DX Council Conference** is scheduled for Vaasa, Finland on 5-7 September 2008. Former EDXC Secretary General Risto Vahakainu of the Finnish DX Association is coordinating the event. Their website is under construction at <http://www.netikka.net/edxc2008/>. Further information will be made available at a later date.

**Sep 12-14, 2008 Convention. The 2008 IRCA Convention** will be held at the Days Inn in Flagstaff, Arizona on Route 66 from 12 to 14 September 2008. Room rates are \$65.00. There will be station tours, an auction and a banquet. Further information will be released as it becomes available.

**Sep 26-28, 2008 Conference. The Pacific Radio Conference** to be held in Wellington, New Zealand on 26-28 September 2008. You'll find more information about the conference at [www.radioheritage.net](http://www.radioheritage.net). Please email [info@radioheritage.net](mailto:info@radioheritage.net) or write to the Radio Heritage Foundation, P. O. Box 14339, Wellington 6241, New Zealand.

**Oct 3-5, 2008 Convention. The New Zealand Radio DX League** will hold its 60<sup>th</sup> Anniversary celebration from 3 to 5 October 2008 in Oamaru, New Zealand. The program will consist of the 2008 Annual General Meeting, a celebratory luncheon and opportunities for DXing. More details to follow.

**Mar 13-14, 2009 Convention. The 22<sup>nd</sup> Annual Winter swl Festival**, sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 13<sup>th</sup> and 14<sup>th</sup> 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](mailto:rdangelo3@aol.com)) or Ralph Brandi (Internet: [ralph@brandi.org](mailto:ralph@brandi.org)). 

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## Musings

**Brian Alexander <brian384875@aol.com>, Mechanicburg, PA**

I would like to thank the NASWA Executive Council for selecting me for the William P Eddings Award as NASWA member of the year. I was very surprised and flattered to receive the award. I joined NASWA over 30 years ago and have always enjoyed being a member of the club. Thanks again for the honor of receiving this award and also thanks to everyone for the kind words.

**John W. Davis <shortwavemonitor@hotmail.com>**

I have been thinking about starting a new yearly publication for long wave, medium wave, and short wave monitors. The publication would contain a picture of the monitor with his or her equipment, an antenna (optional), and a space of approximately 250 words describing their equipment, best DX catch, QSL card, favorite frequencies, time for listening, or other suitable information. The information could also include an e-mail address. Would a registered call sign issued by the publication be of interest?

As a member of NASWA, does this publication interest you? How much would you be willing to pay for this publication? If I receive over 100 responses, I will definitely be interested in developing the publication. If I have a low input, I will table any thought of the publication for now. I may be contacted at shortwavemonitor@hotmail.com.

*[Those members without e-mail can send a postal reply to me at the Wyomissing masthead address and I will get them to John - RAD]*

**Jim Pogue KH2AR/WPE9HLJ/KG6DX1A <KH2AR@comcast.net>, Memphis, TN**

I just got around to reading my Flash sheet and saw the item regarding John Sgrulletta. I am always shocked to read when we lose a member of our community. Although I don't recall ever having had any personal contact with John, I always enjoyed reading his great loggings and reports over the years. It is truly sad when we lose anyone. At risk of further lamenting the point, I'm guess we're just going to see more and more of this. It's also sad that as our numbers are aging it looks as though there will not be any generation to follow us in our wonderful avocation. Oh well...

**Phil Stremple <phil\_stremple@agilent.com>, 110 Denure Court, Folsom, CA 95630**

I'm a new NASWA member and just learned of the Flashsheet in my first issue of the Journal. Please sign me up!

About myself; I have been a sporadic listener since about 1970 when I built a Knight kit Star Roamer. I didn't listen much while in college, grad school and while starting a family but about six years ago I got the bug again and now have a lot of fun with the hobby. Inland Northern California in the middle of a crowded subdivision is a pretty tough place to listen from but I still seem to enjoy myself. It took me a few years to realize that I would have a hard time with the evening Europeans and Africans that many enjoy but that I could hear a lot of interesting Asians before the local sunrise! My main radio is an AOR 7030 PLUS (which I really enjoy) connected to a PAR EZ-SWL that slopes from the roof and when I travel I carry along a Sony ICF-7600GR. I travel quite a bit for work (Wilmington DE once a month and to Asia, mostly China, every quarter). The Sony does a great job from Beijing hotel rooms. I seldom listen to medium wave and pretty much seem to be a shortwave guy. I don't have as much QSL success as I would like and I hope to gain some tips from the membership as time goes by. My best QSL from Folsom is probably BPM, the Chinese time station that I hear occasionally in the mid morning.

Anyway, thanks for your attention and the Flashsheet. I must tell you that the Journal is really excellent and I seemed to go quickly from cover to cover through the first issue.

**Charles Foxx – WDX1PPT, 915 Mapole Avenue, Norfolk, VA 23504-3923**

One or more subscribers to the Journal may be interested in this communication that I received in connection with some other material from a staff person of the Chile Embassy in Washington, DC.

Chile on Shortwave by Don Moore: discussion about Chilean shortwave stations heard around the globe including Radio Esperanza in Temuco on 6090 kHz; Radio Santa Maria on 6,030 kHz and Radio Patagonia Chilena on 6,080 kHz both from Coyhaique; Radio Agricultura on 9,630 kHz and Radio Minería on 9,750 kHz both inactive. The article concludes that it is unfortunate that there are no easily-heard non-religious shortwave stations from Chile. The article is undated and came from Don's website.

**Richard Parker KB2DMD, 1205 Sleepy Hollow Road, Pennsburg, PA 18073**

The phrase "If I have to explain it to you, you wouldn't understand" has gained great popularity in the last decade. I've found that it is best used to answer those who ask "Why on earth would you sit there and listen to a foreign radio station if you can't understand what they're saying?"

Any-way, after getting caught up with the work here on Eden Mountain (somewhat!), I finally had a little time to spend in front of the receivers. I hoped that the unseasonably warm evening (2/6) might also bring good sigs from Latin America on 60M. Checking around zero UT revealed a near total absence of QRN on the band, and I took this as a good sign. The grill outside the shack was fired up to prepare several pounds of world-famous "6BA6 Spare Ribs", and a large pitcher of Spaten lager was drawn from the KB2DMD tap. I was ready to drink "bier", cook ribs, and do a bit of short wave listening!

However, between trips to the grill and the receivers, I noticed that conditions weren't so hot. Around 0200, the usual monster sigs that I use as propagation beacons for Latin America — Macapa 4915, Clube do Para 4885, and Cultural Coatan 4780 — were either half their usual signal strength or being badly molested by CODAR. Pity too, because Macapa was playing some great music around 0235. It was very similar to War or Carlos Santana. It would have been great to bring them up on the R-390A and SE-3, route the audio into the "Big Speaker", and enjoy the music while tending ribs at the grill.

By 0250, conditions were improving somewhat. R. Brasil Central on 4985 was pounding in here like no tomorrow, with an evangelical program in English and Portuguese. I switched from ECSS mode on the 51 S-1 to full 16kc wide AM on the '390A. The SE-3 and "Big Speaker" were switched in, and I was enjoying a full LA broadcast out at the grill. At first I was a bit bummed -- why couldn't it have been Macapa (with those great War and Santana-style rhythms) hitting the KB2DMD antenna farm with incredible voltage tonight? But Brasil Central didn't disappoint. Their broadcast was actually pretty good, and the music was enjoyable. Eventually, they switched to some pop-oldies stuff, including a Portuguese version of CCR's Have You Ever Seen The Rain?, and a really good knock-off of a Beatles' tune. Though conditions could have been better, the evening was still excellent. There's nothing like drinking German beer and grilling ribs while listening to a whopping LA signal on a warm Spring evening. And, when it happens in February, it's downright savory!

The February Journal was most enjoyable. Stephen Price's musing about memorable Christmas DX was marvelous, I can't remember reading a more magical account of short wave listening. Hats off, Stephen!

In Andy Ooms' book review (Historical Shortwave Radios), his description of Fred Osterman's Shortwave Receivers Past and Present (Third Edition) as a "masterpiece" was spot-on. It's a magnificent book, and a valuable reference for those interested in what are usually described as "tabletop" sets -- solid or hollow state. However, Andy neglected to mention that this book is no longer in print, it hasn't been in Universal's catalogs for quite some time and, though it seemed they were considering it a couple of years ago, they still haven't decided to make another print run. So, it is unfortunately a "collector's item" now, and you know what that means -- big \$\$\$! I have seen copies of this book go for as much as \$200 on the used book circuit. However, that doesn't mean the book isn't worth it. I certainly wouldn't take \$200 for my copy if I couldn't get another. If you enjoy the "hardware" end of DXing as much as the listening, and you happen to run across a copy of this volume at a reasonable price, by all means grab it. Believe me, it will provide you with years of enjoyment.

**Kenneth J Indart <mtvu@earthlink.net>, Churchville, VA**

CXA2, Radio Continental, Montevideo 1937. Hello, I happened to be living a few hundred yards from the transmitter site (Avenida Italia, corner of Camino Carrasco), and used to listen to that signal. I was and still am a amateur radio operator, now 85 years old and my call at that time was CX2BP. What was not made known was the purpose of this SW station, transmitting on a frequency assigned to shipping. There is a connection here with the story of the German battleship, the Graf Spee and who were the people who set that bomb. If interested in the details, drop me a line. I now reside in Churchville, VA.

**Ross Comeau, Andover, MA**

After enduring a week or so of poor reception, simply reattaching the antenna to the ground unit at the far end got things back to normal. The clue that it wasn't really poor propagation was when the LW band became 100% useless. Apparently, an earlier ice, rain, and wind storm had weighed down the antenna, and caused it to disconnect.

**Ron Howard <ron888howard@gmail.com>, Monterey, CA**

Congratulations to Dan Ferguson for helping NASWA really enter the 21-century with the new Yahoo group! Now we have a way to quickly find out what members are up to. Will also be possible to see what QSLs they are receiving (by posting scanned copies) and even to listen to what members are hearing (via posted audio clips). All of which makes for a more enjoyable NASWA experience.

The improved reception conditions have produced some enjoyable listening sessions for African stations, with a nice chance to hear some good high-life music from Zimbabwe and Zambia. My most interesting recent reception has been GTRK Kamchatka, heard on 6075, March 7, from 0815-0835, with a nice English ID at 0830: "This is Kamchatka". Was their local programming, as opposed to their usual Radio Rossii programming.

We can now enjoy live Bhutan (BBS) audio streaming online from 0000-1500 UTC, per the Asia-Pacific Broadcasting Union story:

<[http://www.abu.org.my/public/dsp\\_page.cfm?articleid=3411&urlsectionid=1061&speci\alsection=ART\\_FULL&pageid=247&PSID=3372](http://www.abu.org.my/public/dsp_page.cfm?articleid=3411&urlsectionid=1061&speci\alsection=ART_FULL&pageid=247&PSID=3372)>. Listened in to the Sunday music request show in English and the audio worked well. Nice!

"The challenge for the BBS Radio is the quality. The day BBS Radio went online... I was thinking about the content. But keep listening and your feedback will only help us to do better". This from Kesang, GM Radio Service at BBS, in response to my email commenting on their online programming.

So if anyone can now hear them on 6035, they have an easy way to confirm their ID by checking for the parallel audio online. For myself, I have never been able to hear them on the current 6035, but did frequently enjoy hearing them with decent reception back in the early 1990s when they were on 5025. One of my favorite shows back then was the United Nations Radio program carried from 1430-1445, as part of their English segment.

Anyway, it's nice to be able to hear them again, even if only via the Internet.

**Toshi Ohtake <ohtaket@yahoo.co.jp>, 5-31-6- Tamanawa, Kamakura 247-0071, Japan**  
I am in Washington DC to attend annual Satellite Conference. I had an occasion to meet Mr. A. J. Janitschek of Radio Free Asia who mentioned RFA would start MW service in Korean for the first time. The plan is on 1350 kHz from 1500 to 1900 UTC and 2100 to 2200 UTC from March 2, Sunday. This is actually early morning of Monday, Japan time. RFA welcomes all reception report submissions at [www.techweb.rfa.org](http://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](mailto: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.

Annual Winter SWL Fest will be held at Kulpville next week. I plan to attend, so I am looking forward to seeing some of you.

This is all for this month and wishing you good DXing!! Toshi Ohtake, Japan Short Wave Club

**Jim Ronda <james-ronda@utulsa.edu>, Tulsa, OK**

Quite a weekend — anytime that brings me something from PNG — especially something like Wantok Radio Light — is reason to stand up and cheer. And the ELCOR xmitter and Malabo make for a nice trio!

Spring seems to have come early to the southern Great Plains. At 8:00AM local time (1400 UTC) it was 70 degrees (March 2); of course it will probably snow tomorrow!

**Benn Kobb, KC5CW <bkobb@ieee.org>, Arlington VA**

Thanks to the attendees for the warm reception we received for our DRM presentations at the Winter SWL Fest in Pennsylvania. Thanks also to the international broadcasters who sent special DRM transmissions our way at the event. When tuned to a solid DRM signal, it can be easy to forget you are listening to shortwave because the quality is so much better than AM.

Most of my presentation concerned low-power local broadcasting at 26 MHz. I was joined by Don Messer, who explained how skywave propagation in this band is unlikely to materially disturb local DRM service. Don is the former spectrum chief at the International Broadcasting Bureau (which administers Voice of America and other U.S. stations). He chaired the DRM Technical Committee for several years.

We also introduced the concept of wide-coverage domestic DRM stations, using higher power levels (kilowatts) in bands other than 26 MHz. The FCC does not permit such stations today. To our knowledge they have never been proposed to the Commission. We anticipate experimental stations that should demonstrate the feasibility of this idea.

The U.S. authorizes private shortwave stations at 50 kW minimum power. Licensees of those stations must finance, design and operate them to reach foreign audiences.

The expensive technical obligations and antiquated regulations imposed on U.S. international broadcast stations are unnecessary for a domestic audience.

I corrected some widely circulated misinformation about the FCC and DRM and tried to paint a realistic picture of this technology. I explained how ASIC\*-based, multiplatform receivers now under development represent the future of DRM.

Knowledgeable broadcasters and manufacturers appreciate this fact but it doesn't seem to be widely understood in the DX community.

I also tried to inject some humor into the intensely opinionated radio scene. I certainly had more fun and laughter, and learned more about radio at SWL Fest than at many events I have attended.

**Mike Rohde <merohde@columbus.rr.com>, Columbus, OH**

I just returned from the SWL Fest a few hours ago. I brought my WinRadio G313 with me and installed the DRM software. These radios come DRM ready all you have to do is purchase the DRM key (\$49) and install the software. The install process was quit simple. The radio was set up most of the day Friday and all day Saturday for all attendees to familiarize themselves with DRM technology and broadcasts. As I was running in and out to the various seminars I was not there to hear all the DRM broadcasts that occurred throughout the day. I did hear the Vatican broadcast as well as the one from TDF and HCJB. They all sounded great!

I do believe the other WinRadios models are DRM upgradeable as well. The broadcasts sounded great and the radio did a great job as well. The DRM signals were stable and without the accompanying noise and static that normally is present during day light hours and the fidelity and outstanding as well. I will be tuning in on more DRM broadcasts here at home.

**George Zeller <georgez@nacs.net>, Cleveland, OH**

I was at the Fest in Kulpsville this weekend, which either cut down on my pirate DXing, or else greatly expanded it. There was plenty of All R. Azteca all the time from a low power Fest xmtr, but I did little DXing outside the Fest this week. That is not entirely true, since the second R. Azteca log here was late on a local Monday afternoon.

The Fest was entertaining as usual. George Maroti played a couple of Europirate clips for me on his I-pod, so that I could hear what things sound like on the other side of the invisible protective shield that protects us from harmful Europirate radiation in Ohio. It is amazing to hear how clear his loggings are.

There were two dedicated pirate sessions this year at the Fest. Greg Majewski, Alan Weiner, and I did the traditional one. Andy Walker of WNKR in Europe showed film footage of the Legal R. Caroline recreation that was licensed by the British government a couple of years ago. Then, in a DRM session, the DRM salesmen said that part of the market for the extra channels available in DRM ought to be pirates, especially if a domestic USA service is started up. Don't hold your breath.

Eton sent a salesman (not an engineer) to discuss their forthcoming product plans. They do not have plans to discontinue the E1, but their new products are all at the low end of the performance scale, and they have several of them coming.

Adrian Peterson delivered the banquet speech. Dr. DX Cones did not show up, and thus I was drafted to come in from the bullpen to take his place. We need to get Dr. DX back again.

I was a guest on Alan Weiner Worldwide on Friday night over WBCQ. We discussed pirate radio. He actually took calls during the show from a hotel room, a fairly impressive technical feat.

**Risto Vähäkainu <risto.vahakainu@helsinki.fi>, Helsinki, Finland**

Just to tell that I returned to Finland this morning (Finnair JFK-Helsinki) and I'm now in the office trying to fight against jetlag. After the fest I spent a couple of sunny (and cold) days in New England and on Wednesday I walked a few hours around in Manhattan (partly cloudy and quite windy).

It was great to be back at the fest after 5 years. Thanks to John and Richard and all other contributors. Hope to see you all again next year.

**Dr. Mark J. Ferrioli <Drmarkjf@AOL.Com>, P.O. Box - 5000, Philadelphia, PA 19111**

The weather outside was frightful, but the fireside was so delightful! Although, a snow storm was threatening and winds were blowing, the fourth gathering of the 'Berks County, Pennsylvania Based NASWA Meeting Group' (Serving all of S.E. Pennsylvania -- All are invited) was held on Friday February 29th, 2008, at 'The Flying Dog' located at the intersection of Route - #562 and Old Airport Road in Earl, PA. In attendance were only our Executive Director Richard A. D'Angelo, Ed Mauger and Dr. Mark J. Ferrioli (Brave souls each). As always, the 'Radio Related Discussions' were most informative and the 'Food and Drink' was great! Various 'Vintage and New Radio Magazines and Journals,' 'Recent DX Receptions on both SW and MW' and 'Reviews of Newly Purchased Radios' were shared bringing a point of light into an otherwise darkened month! As Spring arrives, it is our hope that you will consider joining us for our next gathering (Meeting date and location to be announced in these pages). Your participation and informative contributions will be more than welcomed!

My recent attendance at the '21st Annual NASWA Festival' in Kulpsville, PA, was a tremendous experience! The fellowship with other like minded SWL's was just wonderful and the various 'Forums' were extremely interesting and informative (I learned a great deal about the hobby in general). It was quite an experience to be 'Interviewed' by 'Mr. Allen H. Weiner' on 'WBCQ' briefly in a 'Live Broadcast' from one of the hotel rooms! I found myself in definite agreement with his views regarding 'Free Speech in Broadcasting.' Winning a 'New Portable MW, FM, SW Radio' for 'Early Registration for the Festival' was a real surprise and purchasing another for only \$16.00 at the 'Silent Auction' was also an added bonus! The 'Dinner' and the various events surrounding it on Saturday night was a blast! Truly, a wonderful time was had by all. I would encourage everyone to register early for next year's '22nd Annual NASA Festival!' You will not be disappointed!

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

I seemed to recall a project very similar to the one proposed by John Davis in his musing many years ago. I think it was published by Universal Radio and was called The DXer Directory. I bet if I rummaged through my store room of old publications I could get my hands on it. If I recall correctly there were pictures and descriptions of many DXers. I just can't recall if there were subsequent editions or the participation levels. It is an interesting idea, nevertheless.

Just before the Winter SWL Festival, a nice oversized envelop was received in the mail from the State of Kuwait, Ministry of Information, Engineering Affairs - Department of

Frequency Management. With an outstanding reception report to Radio Kuwait pending, I couldn't wait to see what was in the package. The big item was a really neat 2008 desk calendar that I may even use because of its size. Not bad! Reaching into the envelope I managed to find a postcard which I assumed was my QSL from Radio Kuwait. Wrong! It was a blank postcard. I was more than a little disappointed. It may be time for a follow up report.

The 21st Winter SWL Festival is now history. About 160 attended this year's event. It was another fine gathering with a very interesting program. New Zealand DX'er David Norrie was able to pencil in Kulpsville on his world tour. I spent considerable time with David talking about DXpeditioning, favorite targets, equipment, etc. He is a very accomplished shortwave and medium wave DX'er and it was a joy to be able to spend considerable time with him.

The Saturday banquet saw George Zeller step in as for an AWOL Harold Cones handing out the raffle prizes (I didn't win anything this year, again!). Adrian Peterson was the banquet speaker. Brian Alexander was named by the NASWA Executive Council as the recipient of the William P. Eddings Award as the club's member of the year.

For the first time in a long time that I have managed to hear some pirate stations this month. I just have not been around a rig during prime pirate broadcasting moments. Perhaps the Winter SWL Festival and Poncho Villa got my pirate listening juices flowing. Nevertheless, it was good to log some of these stations for an interesting change of pace.

On to the QSLs for this month. First up is a new Bolivian, Radio Universitaria in Cobija, Pando with an electronic reply from v/s Charly who is the Productor Creativo. I was please to get verification from Radio Wadi el Nil through the Egyptian Overseas Radio English Program (egyptianoverseas\_english@hotmail.com) and v/s Marwan Khattab. Lao National Radio sent an electronic reply to a postal follow up asking for future reports in 126 days from Inpanh Satchaphansy, Head of External Relations promising a postal reply after returning home after attending a workshop in Thailand. I put the e-mail reply aside for over two years while waiting for the postal reply that I am still waiting for, hi! My verie signer is now the Director of Internet Services so I am not sure who should get reports now at LNR. Anyway, it is always good to QSL a new country even if it takes over two years to do the bookkeeping, hi! NASWA C/V #226. BBC - Aseela verified a report sent to VT Merlin Communications at Aseela, Oman with the letter indicating that the transmitter power was 250 KW, modulation type: AMC, and the antenna: HRS4/4.5 - Bearing 60. Another good Latin this time around was Radio Manantial in Peru who verified electronically in 11 days from Pastor Leoncio Paco Conce, Gerente Administrativo de Radio Manantial (reply came from leonciopacomministro@hotmail.com). He noted the official shortwave frequency is 4,985 kHz and that they also broadcast on 960 AM and 94.9 FM. He gave the website as: www.radiomanantia.tk, which has pictures of the Pastor broadcasting. A couple of days later, I got another e-mail from Pastor Leoncio Paco requesting help in obtaining equipment (crystals and Amperex tubes) for the station since Radio Manantial is 6 kHz off their assigned frequency of 4985. KJES in Valdo, New Mexico replied by postal mail with a full data card.

73, Rich

# Easy Listening

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

## March 2008: Not a good month for international broadcasters' use of shortwave

Around mid-month came the news of impending shutdowns of some shortwave services for broadcasters who have historically been decent "Easy Listening" targets.

### BBC World Service

First, on the heels of the **BBC World Service** shutdown of European shortwave frequencies, came the BBCWS announcement that all Caribbean-targeted shortwave frequencies and all midday usage of shortwave targeting East and Southeast Asia would end by March 30<sup>th</sup>. In the case of the Caribbean services, there wasn't all that much left on shortwave when compared to the time before July 2001 when the World Service was on shortwave for most of the morning and evening hours here in North America; shortwave was available for only four hours per day, from 1100 to 1300 and 2100 to 2300. A total of eight (!) transmitter-hours were utilized; most were usable in North America. The last day of shortwave utilization was March 23<sup>rd</sup>.

One of the claimed motivations for leaving shortwave was that the BBC has established its own network of 24/7 FM stations in several cities in the region, and also has established partnerships with local radio stations to air the programming as well. Because a few of these stations stream their audio, we in North America continue to have ways to hear these broadcasts live with a helping of local flavor as well. Best way to find these live listings is to search for *Caribbean Report*, *Caribbean Magazine*, or *Sports Caribbean* on the *Public Radio Fan* website. The BBC's Caribbean programming is also available for on-demand listening via the BBC Caribbean website, <http://www.bbc.co.uk/caribbean>.

The situation in East and Southeast Asia resembles that of Europe two years ago: Those frequencies in use between 10 AM and 5 PM (local time) and midnight and 2 AM (local time) will close down. That corresponds, in Hanoi time, to 0300-1000 and 1700-1900 UT, suggesting that West Coast-based listening in local mornings on 9740 kHz (from Singapore) should still be possible from 1000 to 1600 UT. Only time will tell if all shortwave services targeting East and Southeast Asia are eliminated in two years, as was the case for Europe; hopefully this is not the case, as the media markets in many countries in this region are not as fully developed as those in Europe are.

### Kol Israel

Next comes word that **Israel Radio** will have shut down all non-Hebrew shortwave transmissions, except for Farsi, by March 31<sup>st</sup>. While in recent years such announcements were viewed skeptically, as last-minute funding was always turned up, this doesn't appear to be the case this time around, judging by an item in the *Jerusalem Post* on March 21<sup>st</sup> flagged by Radio Netherlands' *Media Network* weblog. The articles that speak of shortwave closure state this applies to foreign-language services only, suggesting that shortwave broadcasts in Hebrew, which originate from the domestic **Reshet Bet** service, will continue.

English language programming itself will continue—this airs domestically on the REKA network, and is available live and on-demand on the Internet at <http://www.iba.org.il/>; click on <English> and then <REKA - Intl. Radio>.

If, again miraculously, funding to keep English on shortwave is found, I'll mention it in the electronic *Flashsheet*.

### KTBN closes shortwave down

The Trinity Broadcasting Network, a cable- and satellite-delivered TV channel consisting primarily of various evangelical

Christian-themed programming, will cease delivering its audio via shortwave as of March 31<sup>st</sup>, as reported in Glenn Hauser's *DX Listening Digest*. KTBN purchased the shortwave operations of KUSW—which had been an attempt at for-profit broadcasting from the USA—in 1990, and used this outlet for the audio from its TV channel.

Longtime shortwave consultant and WRTH contributor George Jacobs told Glenn that WRNO—reborn as a religious broadcaster based in New Orleans, hopefully as of April 1<sup>st</sup>—will utilize the frequencies to be abandoned by KTBN.

As of this writing, George Jacobs, through *DXLD*, reports that WRNO will begin testing in early April and transmitting programming as of late April, but cautions these plans are still tentative.

## **Meanwhile, other (streaming audio) doors open...**

**RAE—Radiodiffusion Argentina al Exterior**  
I must confess that I have long considered **RAE** one of those “romantic” shortwave broadcasters that infrequently can be easily heard in my admittedly casual setup here in Eastern Pennsylvania. Even at French Creek DXpeditions their signal is rarely, if ever, rocking-chair quality.

RAE has now begun streaming live audio, and, twice a day, five days a week, you can catch an hour of English programming in the live stream.

The programming itself is a leisurely blend of news, “folkloric and samba” music, and one or more feature programs. What's different about RAE's approach is that the hour-long program isn't divided into specific segments—as most broadcasters do—it's instead woven together—first, you'll hear news headlines, followed by a song, then the first news story in detail, followed by another song or two, then more news, et cetera. The music—always native Argentinean music—is sufficiently exotic to enhance the quality of the programming, not take away from it. I haven't been

listening often enough yet to sort out the weekly pattern of programming segments, but the program for Monday, March 24<sup>th</sup> (heard 0200 3/25) featured a segment on birding as a tourism opportunity.

The programming isn't offered for on-demand streaming or downloading, but, armed with the right software, you can capture the audio to your computer and then save it to a portable music player.

Those of you who enjoy listening to live streaming audio via a PC or an Internet Radio can hear a mix of languages throughout the day in the live audio stream.

To listen to RAE's streaming audio via your PC, visit <http://www.radionacional.gov.ar/rae/rae.asp> and click on the <Escuchar RAE> link. You can see RAE's language (and frequency) schedule by clicking on the <Ver Programación de RAE> link on that same page; English is offered Mondays-Fridays at 1800 UTC, and Tuesdays-Saturdays at 0200 UTC.

If you are listening via WiFi Internet audio, RAE may not yet be programmed in the station database portal your receiver uses; in that case, the actual streaming URL is <mms://rae.telecomdatacenter.com.ar/RAE>. Note that it's not <http://>; it's the <mms://> protocol. RAE does appear in the Reciva portal, for those whose receivers utilize their database.

### **Voice of Nigeria**

Add these folks to the streaming audio list as well. Their website and streaming audio links are very much a hit-or-miss proposition; while on-demand audio links are shown, the latest edition of one of them appears to be from December 26<sup>th</sup>, 2007—not exactly the latest news. The English language program schedule page on the VON website is also blank.

The Voice of Nigeria appears to use a Flash-based radio player; if you are capturing audio for later listening, you may need to take the audio through your sound mixer instead of directly capturing the stream, based on the recording software you use.

For what it's worth, Applian's *Replay Media Catcher* handles Flash audio and video very nicely.

The Voice of Nigeria's web URL is <http://www.voiceofnigeria.org/>.

## April brings a new international broadcaster: EURANET

As mentioned in prior months, the European Union has established an initiative called the **European Radio Project** that will provide coverage of pan-European subjects for consumption by a European audience. A total of 23 broadcasters have signed onto this initiative, including such notable broadcasters as **Radio Polske**, **Radio France Internationale**, **Radio Netherlands**, and **Deutsche Welle**. Conspicuous by its absence: the **BBC World Service**.

The first programming from this initiative hits the English language airwaves as of April: It's a revamping of the **Network Europe** program that has become part of the weekend offerings of multiple broadcasters. What's interesting is that **Radio Netherlands** has signed on to be the primary producer of English language programming, as well as the coordinator of the website to be launched for this service. At this point, Radio Netherlands is entirely responsible for the English language programming, as various broadcasters are responsible for the various languages. Eventually the process is expected to be more collaborative, with material shared across languages, but for now each of the various language services is on their own.

According to a press release from late February from the European Union, the programming is eventually supposed to be produced on a daily basis, though **Network Europe** remains a weekly offering.

As of now this program appears to have a different schedule than the traditional Radio Netherlands schedule where programming is aired to all regions. At this point it does not appear this new program will air in shortwave releases targeting North

America; rather, it will air at 1500-1530 UTC on mediumwave 1296 kHz to Europe, repeated at 1830-1900 on WRN Europe and at 1700-1730 and 2100-2130 on the RNW2 web stream on the Internet and satellite.

However, this information is subject to change, as programming will go to air three months before the accompanying website is to be launched; check the NASWA Flashsheet, the *swprograms* e-list, and my blog (<http://intlradio.blogspot.com>) for updates during April.

## Can a newspaper be an international broadcaster?

With my listening habits branching out from traditional shortwave, and with broadcasters of various stripes expanding their use of podcasting, I've been looking for interesting podcasts from atypical sources. Increasingly, one of those sources is newspapers and newsmagazines. The well-known London newspaper *The Guardian* publishes a weekly edition that also serves as branding for a weekly podcast-based audio review of important international news stories. I am a generally a fan of "week-in-review" programs, because they take the time to step back from the immediacy of a news story to analyze the causes and implications surrounding the event, and the *Guardian Weekly* podcast does a good job of this.

The *Guardian Weekly* newspaper is a unique blend of international news, culture and comment, taking the best of the *Guardian*, the *Observer*, *Washington Post* and *Le Monde* to produce a rounded, considered account of the week's events. The podcast aims to bring you similar product in audio form.

A typical podcast runs 35-40 minutes long and features approximately six stories, thus affording sufficient time to explore a subject in reasonable depth. A recent edition, for example, explored Zimbabwean elections and the personality of longtime dictator Robert Mugabe; aid agencies' troubles in Afghanistan; a little-noticed civil war in Ethiopia; Bhutan's move toward democracy; the recent Arab League summit in Damas-

cus; and, the recruiting challenges faced by the Calgary, Alberta police force.

No, it isn't shortwave, but if you came to listen to shortwave *because* you want global perspectives on news not available from domestic sources, it's worth checking out.

The *Guardian Weekly* podcast is at URL <http://www.guardianweekly.co.uk/podcast> and is updated every Wednesday at approximately 1600 UT. Past editions appear to be available for up to seven weeks after their original publication.

## BBC World Service April Highlights

Despite the ill will that I feel when I see the BBC continuing their retreat from utilization of shortwave for English broadcasts, I still confess to having deep respect for the quality and variety of their programming. Sure, the mix seems more heavily skewed towards news than many would like, but there is still plenty of in-depth, high-quality programming in a variety of areas.

The World Service also does a better job than most broadcasters of planning its broadcasts and advising members of the media as well as listeners regarding upcoming schedule plans. Few stations seem to have plans that look out more than one week into the future, so it then is difficult to advise of upcoming programming topics in advance.

When space and time permit, I'll continue to summarize the month's upcoming programming plans, including shortwave air times for the BBC's frequencies that target Africa, as those are likely the best frequencies for listeners in Eastern North America. If you're listening online or via a wifi Internet radio, you can check out the live webstream schedule at the main

BBC World Service website, <http://www.bbcworldservice.com>. You can also listen to most programs via the web on demand; if you prefer to listen live, and the air times offered by the World Service itself aren't favorable, you can search the Public Radio Fan website (<http://www.publicradiofan.com>) for individual programs and see when they stream on various public radio stations around the world.

A key series beginning in late April is *How Crime Took On The World*, a four-part documentary series beginning April 28<sup>th</sup>. Misha Glenny charts the explosion of international crime since the fall of the Soviet bloc and the end of apartheid, examining how and why international mafias now pose an unprecedented threat to global stability and the rule of law. The series airs in the *Monday Documentary* time slot, with the Africa-targeted airings of Mondays 1406 and 2106 the most likely to be heard in Eastern North America. These times may be an hour off—the BBC hasn't yet published the new schedule times that take effect on March 30<sup>th</sup>.

Another seasonal schedule change is that the Sunday edition of *Have Your Say*, the successor to the *Talking Point* weekly phone-in show, apparently airs its last edition on March 30<sup>th</sup>.

## Request-A-Month: Business and Economic News

Do you have a favorite program from an international broadcaster when it comes to business news and news regarding the economy? If so, send along your suggestions—many thanks!

Until net month,

73 DE Richard

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## 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 at <http://www.naswa.net/swlguide/>. 

# Shortwave Center

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## The 2008 Winter SWL Festival

### 21 and Legal

By Richard A. D'Angelo

It's hard to believe that another year had past and it was time for the 21<sup>st</sup> Winter SWL Festival as I packed the car and headed to Kulpsville. It seems like it was just last year that we held this event. Oh yeah, it was last year (how quickly one forgets these things). This year we gathered in Kulpsville for another round of radio fun and excitement and whatever else came our way. Co-feistmeister Rich Cuff informed me that there were no reported arrests this year which is a sign things may be slowing down a bit.



George Zeller and Rich Cuff at the Saturday evening raffle.

With the Fest celebrating its 21<sup>st</sup> birthday, the event is now legal in Pennsylvania. Considering how many adult beverages are consumed during the Thursday through Sunday affair, this is a good thing.

As usual, events begin to unfold during Thursday which is the set-up day before things officially kicked off on Friday morn-

ing. Many of the out-of-town folks arrive this day so they can be here first thing Friday morning. Arriving on Thursday also gives people a chance to say hello to old friends and share a meal before the pace picks up on Friday. It is not unusual to not see some people over the Friday and Saturday period simply because of the diverse schedule of activities and the size of the crowd. Thursday is a small gathering which slowly expands but is still dwarfed by Friday and Saturday attendance.



Ed Mauger and Bill Oliver conducting business at the NASWA club table

### Friday

The registration table and exhibit area opened up at 0800. Back home I was still sleeping so I missed the grand opening. The exhibit area featured several demonstrations. Kim Elliott ran the Digital Radio Mondiale (DRM) and Internet Radio Live Demonstrations and Test. There were a number of special DRM transmissions beamed

our way specifically for the Fest that generated a lot of interest throughout North America (there is a DRM Yahoo Group that was bubbling over with excitement because of these special broadcasts). Kim also demonstrated two WiFi Internet radios introducing this technology to Fest participants. Tracy Wood set up the satellite tv and radio demonstration. Once again, folks had an opportunity to watch television from around the world, which is something different. There were a number of interesting vendor displays, station displays and club tables. Ed Mauger and Bill Oliver manned the club table hauling in some new members. Thanks guys!

New this year was the Radio Listening Room. This was a suggestion from last year where Room 425 was set aside for people who wished to listen to their shortwave radios and do radio comparisons. There was no formal schedule; just gather when the mood strikes and see who is in the room. I got to see a demonstration by Alan Johnson of a software defined radio package which was quite interesting. Greg Majewski provided the oversight and the room was a big success. I expect this feature to return again next year.

Although I managed to miss Friday morning, I can easily cover that ground based on con-



**Kim Elliott at the DRM demonstration**

versations I had with those who didn't miss it. The official opening is where John and Rich welcome those that arrive in time for the formal Festivities. The first session was Uncle Skip Arey providing "Fest Orientation 101" which enabled many first time Festers to understand how and why the event operates as it does. With many new faces in attendance this year, this session provided newcomers with needed guidance. It was more of a safety issue so newcomers could avoid being trampled during the frequent stampedes that occur during the Fest. The second session featured Fred Zalupski with "eBay Trends" where he discussed the pricing and availability of modern shortwave radios and the used equipment market with an emphasis on seller and buyer behaviors. The morning closed with the ever popular Scanner Scum—lead by Skip Arey and Tom Swisher—with their annual review of the scanning hobby. As in past year's, this forum was well attended. I'm sorry that I missed the Scanner Scum this year because they are a special event to behold at any time.



**Rich D'Angelo with New Zealand DXer David Norrie**

After the "on your own" luncheon break, Tim Lemmon kicked off the afternoon with "Linux and the SWL." Tim filled folks in on an easy and fun way to use and install this program saving many dollars in the process. There were live demonstrations and a free Linux CD was presented to all at the end



**John Figliozzi, David Norrie and Rich Cuff with Errol Urbelis in background at the demonstration table**

of the presentation. The fifth session of the day was Finland's Risto Vähäkainu with the "Status of the Hobby in Europe" which included the recent jubilee celebration of the European DX Council and European DX trends in general. The sixth session was Benn Kobb and Don Messner with "Domestic DRM." Benn and Don provided a focus on the potential for US-based high frequency stations using DRM to broadcast to a domestic audience. This forum provided the steps by which the FCC can be persuaded to authorize experimental DRM operations and license new community, regional and national stations in the 26 MHz band. This session generated a lot of discussion and feedback. The afternoon closed with George Zeller leading the "Year in Review, Pirate Style" which is the popular annual review of pirate and clandestine radio hobby. Allen Weiner of WBCQ and Greg Majewski were part of George's expert panel on pirate radio. This is another one of those popular annual session that is a regular item on the schedule. Also during the afternoon, I was able to spend time with Adrian Peterson of Adventist World Radio who brought along an excellent album featuring vintage QSLs. It is always a pleasure to talk radio with one of the hobby's golden treasures. Adrian's historical radio knowledge is something the observe.

After the dinner break, evening activities commenced. The traditional "Swap Meet" began at 1930 hours in the Stockholm Room where Festers got an opportunity to buy, sell

or simply swap radio equipment among themselves. Gear always moves during this time period. Session eight featured David Goren and "The Listening Lounge." Here David hosted an informal, after hour's celebration of the sounds of shortwave radio, its history and influence on popular culture. Saul Broudy, Jack Widner and Myke Weiskopf (the latter via a recording) provided entertaining assistance. The exhibit area and vendor displays stayed open until the 2200 hour and the Hospitality Room, under the able hand of Tony Pazzola, stayed open until the last participant crashed. That

makes getting up for the next day a little more difficult for some.

## Saturday

After partying all day Friday, Saturday morning seems to arrive much too quickly. Nevertheless, it is time for another full day of Festivities. Today is a long day concluding with the banquet, raffle and capping with the Midnight Ride of Pancho Villa. More about all that good stuff later. At this point let's just say the registration table, exhibit room, demonstrations and displays opened at 0800 for those with some early morning game still left in them after Friday's Festivities.

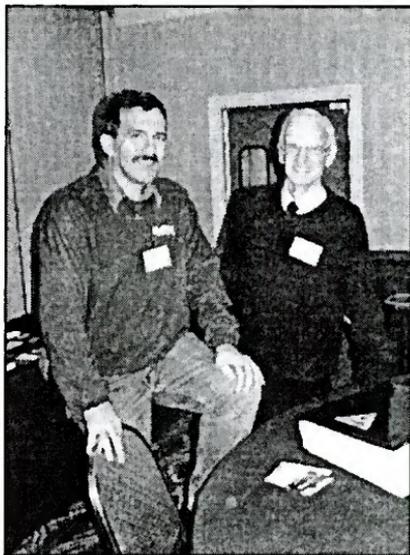
The program opened with our ninth session featuring Andy Walker with "Offshore Radio 1584 (UK)". Returning once again after last year's successful appearance, Andy provide an in-depth look at the world's first licensed offshore radio station which was granted a 28 day Restricted Service Licence by the United Kingdom authorities in 1992. Andy was one of the DJs for the project. The project was funded by the Caroline Movement who was the support club for the famous floating pirate radio station, Radio Caroline. After Andy's talk, the Silent Auction began. Here all sorts of *treasures* were offered up for silent bidding until 1615 hours when Alan Johnson closed down the bidding and collected the funds which went to charitable causes in the grand Fest tradition.

The morning program concluded with session number 10 "Hidden Antennae" hosted by three-time presenter Skip Arey. Uncle Skip discussed ways antennas could be deployed without violating strict condo covenants to help overcome the RF noise that modern home devices generate. After Skip's session it was time for the annual pizza and desert buffet marathon eating fiesta. Although there is unlimited salad included, no body seems to talk about the green stuff. The pizza and deserts do garner a lot of attention from the hordes of hungry radio enthusiasts that descend upon the Oslo Room for lunch. Sheldon Harvey was the luncheon speaker discussing "dxing and the Grim Reaper" which was a talk to prepare shortwave radio related gear, QSLs, papers, etc. for proper handling upon your own passing. The theme was to make sure these things go where you want them to go and not leave that up to family members that have no clue as to their value or worth in the hobby community.

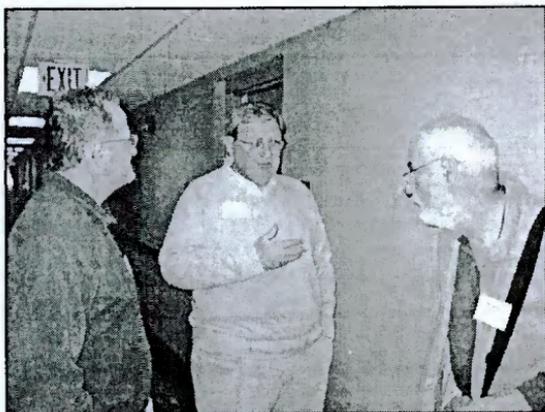
Two more sessions closed out the afternoon activities. First, in session number 11, Shan Hassan of Eton Corporation spoke about the 2008 Grundig product line. He introduced us to the Grundig Satellite 750 and the Grundig G4. There was an extensive question and answer session that gave Shan and Eton an appreciation for the needs and wants of radio listeners. We expect to see Shan regularly as Eton solicits advice about development of its shortwave product line. Maybe these guys can develop the first low-cost consumer oriented DRM receiver? The 12<sup>th</sup> and final session of the Fest was "C. M. Stanbury II: Imagining Short Waves to Pulp Fiction" with Jack Widner. This session concentrated on the history of C. M. Stanbury's contribution to the shortwave hobby during his controversial years in the 1960's until the time of his death in 1986. His strong interest in political and clandestine radio activities was highlighted by his interest in Radio Americas / Radio Swan from Swan Islands. For those that dxed during this time period, the name C. M. Stanbury conjured up many fond memories of that era. After this session, final bids were placed on Silent Auction items with close to \$500.00 being raised for two separate charity organizations.

After the Silent Auction concluded, Tony opened the Hospitality Room where many radio listeners gathered to share a story and a beverage while munching on an assortment of healthy snacks such as potato chips, pretzels and other unidentifiable substances. Only the best sources of carbs for our crowd. The cash bar at the banquet opened at 1800 hours. During this time period, Maryanne Kehoe and Gary Neal helped fleece partying Festers of extra cash in exchange for raffle tickets for our expansive prize draw.

Dinner was either roast beef or chicken which have been long established traditional choices at our Saturday evening banquet. After dinner remarks were from Dr. Adrian Peterson who spoke on behalf of Adventist World Radio and the National Association of Shortwave Broadcasters and about the activities of both organizations. After Dr. Peterson's remarks, Rich Cuff thanked the many folks that helped put on this year's Winter SWL Festival. Besides the numerous speakers mentioned throughout this article, the following were instrumental in helping make the 2008 Winter SWL Festival happen: Bill Bergadano (station and vendor correspondence), Ralph Brandi (registration forms, publicity and website), Bill Plum (commemorative pennants), Kim Elliott (DRM activity coordination) Mark



**Rich D'Angelo and Adrian Peterson of Adventist World Radio**



Dave Reitz, Ron Hunsicker and Greg Majewski

Phillips (audio-visual and Internet assistance), Ed Mauger (antenna and hospitality room setup), Tom Sundstrom (website and publicity), Tracy Wood (satellite displays), Tony Pazzola (hospitality), Greg Majewski (Radio Listening Room oversight). Thank you one and all for a job well done.

I had the pleasure of announcing the Executive Council's selection of the recipient of the William P. Eddings award as our club's 2008 member of the year. This year's selection was Brian Alexander of Mechanicburg, PA. Brian has been a regular contributor for many years with outstanding DX reports featured in our Log Report columns and in our weekly electronic Flashsheet. Well done Brian!

With Harold "Dr. DX" Cones unavailable for The Grand Raffle giveaway this year, George Zeller was pressed into service. Donning his massage goggles and Wisconsin cheesehead, George took us through the evening prize draw with books, antennas, strange gismos and receivers among the lot handed out. Somehow, George managed to win the *Barto Box* which was filled with special gifts that only George seems to win each and every year. Congratulations to George for his continued good fortune. The real prize draw saw Bill Bergadano win the grand prize of an Icom IC-R75 communications receiver. Congratulations to Bill and we look forward to seeing some logs in the *Journal* with his new piece of gear.

While the end of The Grand Raffle is the official closing activity of the Winter SWL Festival, the Midnight Ride of The Voice of Pancho Villa is the unofficial end to the event. Like magic this mysterious broadcast appeared out of the ether once again at the witching hour with Pancho sounding a little under the weather and a cast that could have used an extra rehearsal or two. Nevertheless, a Fest wouldn't be complete without his famous midnight ride. If one were to know such things, you can bet that Pancho will return once again next year... if one were to know!

Conversations and fellowship... not to mention lubrication with fine beverages... continued into the wee hours of the morning. This year we suffered a slight handicap with daylight savings time being instituted sometime after Pancho's ride during the Fest weekend. It is tough enough to face the reality of going home from this event with minimal sleep but losing another hour due to the shifting of the clock made it worse. Definitely, this was a cruel final blow to an otherwise superb weekend of radio fun.



Toshi Ohtake of the Japan Shortwave Club

Congratulations to the Festmeisters, Rich Cuff and John Figliozi, who completed their 8<sup>th</sup> year as hosts of this great gathering of radio enthusiasts from all walks of the radio hobby. Here would be a good place to remember the Fests founders—Bob Brown, Harold Cones and Kris Field—who made all this a reality over two decades ago. Thanks to the original “gang of three” for making this an annual event something that the radio hobby can not live without.

The pictures shown throughout this article were taken by Steve Coletti, Toshi Ohtake and yours truly. The good pictures belong

to Steve and Toshi. The blurry ones belong to my collection.

It is never too early to begin planning to attend a future Winter SWL Festival. The Festmeisters—Rich Cuff and John Figliozi—have set March 13 and 14, 2009 for the 22<sup>nd</sup> Winter SWL Festival. The 23<sup>rd</sup> edition of the Fest will be held on March 5 and 6, 2010. Neither affair will conflict with daylight savings time changes so we will not lose that extra hour of sleep on top of the many hours already lost during the Festivities.

See you in Kulpsville next March!

## Mini-Profile: CVC.TV

### Zambia on the International Shortwave Bands

By Richard A. D'Angelo

Recently, I sent a reception report off to Radio Christian Voice seeking a verification of their new transmitters operating from Lusaka, Zambia in the 13 megahertz band. I got a speedy four day reply to an electronic report from “Rick” at cvc thanking me for my reception report. He indicated that “cvc is happy to verify listener reception reports. For those sent by email, we reply in kind, with an “eQSL” as an attachment. I trust you’ll have no problem opening and viewing it.” He was right, I had no trouble opening and viewing the eQSL which was an Excel attachment to his e-mail.

According to Rick cvc appreciates getting reception reports although their real aim is to get to know each of their listeners individually.

As to some background information on cvc: The broadcast I hear (1630 UTC to 1730 UTC) actually originates on the Sunshine Coast, Queensland, Australia. CVC broadcasts in three languages - English (via Lusaka at present), Indonesian and Chinese. They also have sister stations around the world, currently broadcasting in Hindi, Spanish, Portuguese and Russian and soon in Arabic, as well as other English-language stations. A new station in Cape Town is presently

conducting test broadcasts and should begin full time operations very soon. Rick did not mention if that was a shortwave, medium wave or FM operation.

CVC Asia Pacific broadcasts to Greater Asia and Africa via short wave and satellite, to listeners and affiliate radio stations in target areas. CVC sees itself as being a major tool that helps foster cultural understanding between greater Asia, Africa and Australia, reflecting the great cultural diversity in a positive light. The station’s potential audience is 3.5 billion people.

The station format is typically similar of commercial FM radio stations within western countries with a comparable target like that mentioned above. Most of the CVC programs are live, all presenter led, and mainly music orientated in style. Their programs feature “Great Music, Good Company and offer a Message of Hope for today’s world.”

Rick noted that “cvc is ‘all about REAL life’, in a contemporary, relevant way to our target, covering issues that help us all gain meaning, and improve quality of life.”

The new transmitters can be heard with good signals in the international shortwave bands making Zambia possible in North America during daylight hours. The 13,650

kHz frequency can be heard from 1400 to 1700 UTC sign off. At that point the 13,590 kHz channel opens and continues to close-down at 2100 UTC.

Radio Christian Voice was established in 1993. It is a non profit organization, whose goal is "to touch a billion people with God's Love through Radio." They do this through providing quality news and programs that are relevant to their audience. The station broadcasts up tempo music in various tastes, such as African, Caribbean, Reggae, Rumba, Contemporary and Classic Gospel. The African station is located about 35 kilometers away from Zambia's capital of Lusaka on a farm in Makeni, owned and managed by Christian Vision International, the parent organization. They are part of a worldwide broadcasting network covering Africa, Asia and Latin America with transmitters and professional radio studios located in strategic sites around the world. The organization targets the major language groups.

Rick noted that their Zambian office does reply to listeners in much the same way, but listeners probably won't get QSLs from there just yet as they are part of the CVC Africa (Cape Town) operation which is still setting up. In the mean time, postal reports can be sent to them at:

CVC.tv  
P. O. Box 6361  
Maroochy BC  
Queensland 4558  
Australia

Electronic reports can be sent to the station using the following electronic addresses: [enquiries@cvc.tv](mailto:enquiries@cvc.tv) and [planet@cvc.tv](mailto:planet@cvc.tv).

As always, remember to send in those CVC.tv logs to electronic *Flashsheet* editor Mark Taylor and to Wally Treibel for the *Log Report* and send in those CVC.tv QSL verifications to Sam Barto for inclusion in the *QSL Report* column. Good luck tuning the 13 MegaHertz band frequencies from Zambia.

## 2007 Clandestine Shortwave Broadcasting Activity Survey

News release from Mathias Kropf

During the year 2007 the activity of political clandestine stations broadcasting on shortwave has increased by 4.8 % to 1321 Weekly Broadcasting Hours (WBHs). This is way below the record 2384 WBHs measured in 1990, but still up from the all-time low of 1116 WBHs in 1999.

Activity of clandestine stations broadcasting to target areas on the Asian continent has increased by 7.9 % to 939 WBHs and activity to target areas on the American continent has also increased by 11.4 % to 215 WBHs. On the other hand, activity to target areas on the African continent has dropped by 15.2 % to now 167 WBHs.

The three most active target areas worldwide are China with 240 WBHs (+40 when

compared with last year), Cuba with 215 WBHs (+22) and North Korea with 196 WBHs (+14).

The number of different target areas active worldwide has dropped sharply from 24 in the previous year to only 18 at the end of 2007. While no new target areas have emerged during the past 12 months, the following target areas that were still active one year ago are now thought to be inactive: Maldives, Libya, Sudan, Uganda, Gambia and Cameroon.

Mathias Kropf has compiled this list annually for many years. He can be contacted by e-mail at [100144.232@compuserve.com](mailto:100144.232@compuserve.com).

*[from the January 2008 issue of the NASB Newsletter]*

# Kim's Column

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<http://www.kimandrewelliott.com>

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This column, with links, is available at this URL publicized only to members: <http://kimelli.nfshost.com/index.php?id=3635>

## The great shortwave shutdown of March 2008

I'm getting tired of writing about it, and you are no doubt getting tired of reading about it. But we are the North American Shortwave Association, and we are obliged to discuss all aspects of shortwave broadcasting, including the decline of shortwave broadcasting. Three big reductions took place at the end of March, as well as a smaller one.

## BBC to the Caribbean and East Asia.

The BBC's elimination of the last of its transmissions to the Caribbean deprives us of our best shortwave reception of World Service. BBC shortwave to Africa remains audible, most days, but World Service is increasingly becoming DX.

BBC's decision to cut its mid-day transmissions to East and South-East Asia might make some sense, given lower listening rates at those times. But this brings up an annoying new World Service habit: vaguely referring to transmission times by the listeners' local time. From the BBCWS website: "Shortwave transmission will therefore cease between 10am and 5pm local time and midnight and 2 am local time."

As Glenn Hauser asks, what does that mean? "East and South-East Asia" spans times zones from UTC + 6.5 to UTC + 9. Also, as is increasingly forgotten by decision makers, shortwave broadcasts are often heard outside the target area. Certainly transmissions to East Asia can be heard in South-East Asia, and vice versa. A transmission to South-East Asia, dropped because it is afternoon there, could deprive East Asia, where it is prime time evening, of an audible frequency.

## IBB Morocco

As announced a few months ago, the International Broadcasting Bureau gave its shortwave relay in Brieche, Morocco, back to the government of Morocco. The scuttlebutt is that the lease arrangements became more expensive, and the Broadcasting Board of Governors never passes up an excuse to close a shortwave site.

I don't know what will become of Brieche, but I would bet that its ten transmitters will soon be available for lease. However, many of the potential customers for shortwave time are Christian evangelical broadcasters, and Morocco probably would decline to take their money.

Among the sites used to replace Brieche is Bonaire, used for VOA transmissions to Africa. That introduces the propagational challenge of getting a signal across the Atlantic, compared to the simpler, more reliable intra-African path. Furthermore, VOA has just seen expansions to its Amharic and Swahili services, both of which could have made use of the Morocco relay.

## Kol Israel

This is a case, like that of RAI Italy last year, of an international broadcaster giving up shortwave altogether. The shutting down of Kol Israel's various shortwave broadcasts had been threatened for years, but this year it happened (save for a last-minute reprieve). At least Kol Israel's Farsi broadcasts were given the funding to remain on the air. And that means that Kol Israel must keep at least one transmitter in good working order, along with at least one engineer who knows how to operate it and maintain it.

I remember listening to Israel's home service shortwave relays during the first Gulf War. This was during Iraq's Scud missile attacks on Israel. Often shortwave is advertised as

a way to "hear news while it's happening." Usually that's not the case, but during that listening to Israel in 1991, I heard the warning signals, the directions to listeners to put on their gas masks, or to take them off, and other urgent information.

If a similar crisis occurs in Israel, I guess we'll all have to log into an internet audio stream. But if we all do it, the infamous "net congestion" could cut off access to the audio. With shortwave we sometimes had poor signal strength, fading, interference, but never interruptions due to too many listeners.

## KTBN

The decision of the Trinity Broadcasting Network to shut down its shortwave KTBN is basically a footnote to the three bigger stories above. KTBN is, after all, a single 100 kilowatt transmitter, near Salt Lake City, whose content is the audio portion of Trinity's television network.

But there is a bit of history here. In 1990, Trinity purchased KUSW. KUSW was, as you might recall, one of the few shortwave stations that attempted to do business with a popular music and DJ format, along with spot ad sales, rather than selling blocks of time to (mostly) religious broadcasters.

Four U.S. shortwave stations tried this during times. First was WRUL, later WNYW, in the 1960s. Then, in the 1980s, WRNO in New Orleans, and KYOI on Saipan (targeting Japan). "Superpower" KUSW came later in the 1980s. All were relatively short-lived experiments.

## But DRM reception was good at the Fest

After all this bad news about shortwave, now some good news. At the Winter SWL Festival in Kulpville, our reception of Digital Radio Mondiale (DRM) shortwave was pretty good.

Most impressive was our reception of Vatican Radio. During the 2007 Fest, our trans-Atlantic DRM reception was a first, and we considered it quite an accomplishment. This year, trans-Atlantic DRM reception was routine, with Santa Maria di Galeria coming

through both at 1300-1400 and 2300-2400 UTC, with few breaks in audio.

Listening at 1300-1400 UTC on 15515 kHz, switching to analog, the analog signal was down in the marginal conditions of the 19 meter band. It probably would rate an SIO 353. But, in DRM, it was SIO 555.

TDF from Montsinery, French Guiana, was also reliable most of the day on 17840. At one point, in analog mode, I could hear some slight co-channel interference, but it did not interfere with the DRM reception.

We also had good DRM reception from Bonaire and surprise reception from Kuwait on 9770. RCI Sackville suffered a few interruptions on 9800. HCJB Pifo popped in and out on 15485, but they were using only 4 kW.

My estimation of DRM has increased since my Fest reception, but it's still probably not robust enough for most long-haul shortwave service. Shorter-range regional service might be a different story. For a possible application of that, see TDI's hypothetical regional DRM station located in Syracuse, New York. And for local DRM on the little-used 26 MHz shortwave broadcast band, see Benn Kobb's [www.26MHz.us](http://www.26MHz.us).

Less encouraging at the Fest was the lack of a standalone DRM receiver. In 2004, when we first exhibited DRM reception at the Fest, we had a prototype standalone DRM receiver that worked well, even with just a whip antenna in the exhibit room. Since then, we've had to schlep with receivers connected to PCs.

At the 2008 Fest, our main receiver was to have been the Palstar R30CC, which has a convenient 455 kHz IF output jack, which would have been connected to an Elad 455-to-12 kHz IF downconverter, then into a PC. But the Palstar was not available due to production problems at the Ohio factory. An Icom black box receiver provided by Eric Cottrell, and a Winradio brought by Mike Rohde, saved the day.

*Views expressed are my own. More at [www.kimandrewelliott.com](http://www.kimandrewelliott.com).*

# Listener's Notebook

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

## ALBANIA Radio Tirana A08:

0030-0045	English	9390 Tu-Su
0145-0200	English	9390 Tu-Su
0230-0300	English	7425 Tu-Su
0330-0400	English	7425 Tu-Su
0630-0900	Albanian	7105
1430-1500	English	13640 Mo-Sa
1730-1800	Italian	7460 Mo-Sa
1730-1800	French	7430 Mo-Sa
1800-1815	Serbian	6145 Mo-Sa
1845-1900	English	7430 13640 Mo-Sa
1901-1930	French	7465 Mo-Sa
1901-1930	Italian	7430 Mo-Sa
1931-2000	German	7465 Mo-Sa
2000-2030	English	7460 Mo-Sa
2000-2030	English	13600 Mo-Sa
2030-2200	Albanian	6005 9390
2300-0030	Albanian	7425 9390

(Drita? ?, March 17/WWDXC BC-DX TopNews Mar 21/  
DX Listening Digest/Hauser-OK)

**AUSTRALIA** The test transmission I heard at 1430 on 11995, listed as *CVC Darwin*, and on behalf of something called *JCI*—what's that? (Glenn Hauser, DX Listening Digest)

ITU reference added this 20-FEB-2008: JCI = Japan Center for Intercultural Communications

Additional JCI broadcasts via Darwin now? ??

Google <http://home.jcic.or.jp> [explained as of 1997 at <http://home.jcic.or.jp/en/enkaku-e.html-gh>]

**JCI?** from Feb 22 onwards? B07

11650	1500-1530	44NE DRW250 3 AUS JCI CVI
13725	1500-1530	44NE DRW250 3 AUS JCI CVI
11995	1430-1500	44NE DRW250 3 AUS JCI CVI
13725	1430-1500	44NE DRW250 3 AUS JCI CVI

(Wolfgang Bueschel, *ibid.*)

11650, 13725, 11995 and 13725 at 1430-1530 is no-signal.

JCIC is an enforcement group of *Furusato no Kaze* on 9780 at 1600-1630 UT and *Wind of Nippon / Ilubon-e Baaram* on 9820 at 1700-1730 (S. Hasegawa, NDXC, Sunday, March 02, via Bueschel, *ibid.*)

Wolfgang! I checked yesterday, but no signal at all. It is supposed to be the reservation of possible time period and frequencies for A08 of "Wind of Homeland" broadcast to North Korea (Takahito Akabayashi, Japan, March 3, via Wolfgang Bueschel/DX Listening Digest/Hauser-OK)

Update on the JCI transmissions via CVC Darwin: 1500-1530 on 11795 ex-11650 to North Korea, 250 kW, 3 degrees; and starting in A-08, planned to move again, to 11690. so what is being heard now during this semihour on 11795 if not 11650? (Glenn Hauser, OK/DX Listening Digest)

**BELARUS [non]** New 7565, 1530-1600, Clandestine, 27+28-02, *Radio Racja*, via Sitkunai, Lithuania. Belarusian news about Belarus and Minsk, ID's, songs. (Anker Petersen-DK/Monferini, playdx/DX Listening Digest/Hauser-OK)

**BELGIUM [non]** TDP program and frequency schedule A08:

### TDPradio

0000-0100	English	9790 DRM
0800-0900	English	6015 DRM Mo
0900-1000	English	6015 DRM Tu
1000-1100	English	6015 DRM We
1100-1200	English	6015 DRM Th
1200-1300	English	6015 DRM Fr
1300-1400	English	6015 DRM Sa
1400-1500	English	6015 DRM Su
1500-1600	English	6015 DRM

### Moj Them Radio

0100-0130 Hmong 15260 Mo/We/Fr

### Haiv Hmoob Radio

0100-0130 Hmong 15260 Tu

### Hmong Lao Radio

0100-0200 Hmong 15260 Th/Sa

### Hmong W. Christian Radio

0100-0130 Hmong 15260 Sa

### Denge Mezopotamya

0400-1800 Kurdish 11530  
1800-2000 Kurdish 7540

### Que Huong Radio

1200-1300 Vietnamese 15680 Mo-Sa

### Radio Xoriyo Ogadenia

1400-1430 Somali 17875 Tu/Sa

### EOTC Holy Synod Radio

1600-1700 Amharic 17875 Mo

### Radio Democracy Shorayee

1700-1800 Farsi 12120 Tu/Th/Fr/Su

### Suab Xaa Moo Zoo

2330-2400 Hmong 11655

Reports to:

TDP

c/o Ludo Maes  
P.O. Box 1  
2310 Rijkevorsel  
BELGIUM

Tel: +32 33 14 78 00  
Mob: +32 477 477 800  
Fax: +32 33 14 12 12  
E-mail: info @ transmitter.org  
Web: http://www.broadcast.be

(via Alokesh Gupta, India, March 23/DX Listening Digest/Hauser-OK)

**BULGARIA Radio Bulgaria, Summer schedule from March 30 to October 26:**

0000-0100	Bulgarian	7400 9400 9700 11700
0100-0200	French	9700 11700
0100-0200	Spanish	7400 9400 11600
0200-0300	English	9700 11700
0300-0400	Russian	7200 9400
0400-0500	Bulgarian	7200 7400 9400 Sa/Su
0430-0500	Bulgarian	7200 7400 9400 Mo-Fr
0500-0530	Russian	7200 9400
0500-0530	Turkish	9800 11800
0500-0530	Greek	7400 Mo-Fr
0500-0600	Greek	7400 Sa/Su
0530-0600	Albanian	7400 Mo-Fr
0530-0600	German	7200 9400
0600-0630	French	7200 9400
0600-0630	Spanish	11800 15800
0600-0630	Serbian	7400 Mo-Fr
0600-0700	Albanian	7400 Sa/Su
0630-0700	English	7200 9400
0700-0800	Serbian	7400 Sa/Su
1000-1030	Turkish	9800 11800
1000-1030	Bulgarian	7400 11600 11700 13600 15700
1030-1100	Greek	7400
1030-1100	Russian	11600 13600
1030-1100	German	11700 15700
1100-1130	Spanish	11800 15800
1100-1130	Albanian	7400
1100-1130	French	11700 15700
1130-1200	English	11700 15700
1130-1200	Serbian	7400
1200-1400	Bulgarian	11700 15700
1400-1500	Russian	7200 9400 11700
1500-1600	Bulgarian	7200 7400 9400 13800 15800
1600-1630	Albanian	7400
1600-1630	Russian	7200 9400
1630-1700	Spanish	11800 13800
1630-1700	Greek	7400
1630-1700	German	7200 9400
1700-1730	French	7200 9400
1700-1730	Serbian	7400
1730-1800	English	7200 9400
1730-1800	Turkish	7400
1800-1900	Russian	5900 9400

1800-1900	Bulgarian	7400 9800 11800
1900-2000	Bulgarian	9800 11800
1900-2000	Albanian	7400
1900-2000	German	5900 9700
2000-2100	Greek	7400
2000-2100	French	5900 9700
2100-2200	Spanish	11800 13800
2100-2200	English	5900 9700
2100-2200	Serbian	7400
2300-2400	English	9700 11700
2300-2400	Russian	11600
2300-2400	Spanish	7400 9400

(via Dino Bloise/Alan Roe/DX Listening Digest/Hauser-OK)

**CENTRAL AFRICAN REPUBLIC 6030, 0458 3 Feb, Radio ICIDI, M comment mx nx, vernacular. (Michael L. Ford, UK, March WDXC Contact/DX Listening Digest/Hauser-OK)**

This could be the first non-African log of ICIDI; but was he aware of Radio Oromiya, Ethiopia, which had appeared on the same frequency at the same time? Feb 3 was a Sunday, not a UT Monday when Cuban jamming and Marti would have been silent. Unfortunately, UK members of WDXC logs are limited to one line and a few abbr'd words of program info as above. With rare logs, as much info about them as possible should be given! (Glenn Hauser, OK, DX Listening Digest)

**CHILE CVC New frequencies A-08 from Calera de Tango, Chile:**

0000-0100	6070 11745 17680
0100-0400	6070 11665 11745 11970
0400-0800	6070 6110 11665
0800-1100	5960 6070 6110
1100-1200	5960 6070 15410
1200-1300	6070 15410 17680
1300-1800	9635 15410 17680
1800-2000	9635 15410 17680 and 17635-17640-17645 DRM
2000-2300	9635 15410 17680
2300-2400	6070 15410 17680

(via Celio Romais, RS, March 26/DX Listening Digest/Hauser-OK)

**CHINA-TAIWAN Radio Taiwan International A08**

0000-0030	Cantonese	5950W
0000-0100	Vietnamese	11655
0000-0100	Hokkien	11875
0000-0200	Mandarin	9660 11640 11885 15245
0030-0100	Hakka	5950W
0100-0130	Cantonese	5950W 15290 15440W
0100-0200	English	11875
0130-0200	Hakka	5950W 15290 15440W
0200-0230	Cantonese	15440
0200-0300	Mandarin	9660 11640 11885 15245 15290
0200-0300	Spanish	9800M 15215 17845W
0200-0300	English	5950W 9680W



2330-0200 Arabic/Sp 9360  
 (Gordon Brown-UK, NWDXC Mar 19 via BC-DX March  
 21 via DXLD)

**FRANCE TDF changes of March 2nd:**

7135 0600-0700 French RFI  
 7135 1700-1800 Russian NEW? or 7315  
 7315 1700-1800 Russian RTI  
 9630 1700-1800 Pasthu RFI  
 9765 0600-0630 English RFI  
 9790 0400-0500 French RFI  
 9790 0500-0600 French RFI  
 9790 1900-2000 French RFI  
 9800 0100-0130 Spanish RFI  
 9800 1600-1630 Russian RFI  
 9805 0600-0630 Hausa RFI  
 11615 1900-2000 French RTI or 11670  
 11670 1600-1630 Russian RFI  
 11670 1900-2000 French RTI  
 11700 0500-0600 French RFI  
 11700 0600-0700 French RFI  
 11700 0700-0800 French RFI  
 11705 1900-2000 French RFI  
 11995 0400-0500 French RFI  
 11995 1600-1700 English RTI  
 11995 1700-1900 French RFI  
 13680 0500-0530 English RFI  
 13695 0500-0600 French RFI  
 13695 1900-2000 French RFI  
 15160 0600-0630 English RFI  
 15300 0600-0700 French RFI  
 15300 0700-0800 French RFI  
 15300 1700-1900 French RFI  
 15300 1700-1900 French RFI  
 15315 0700-0730 Hausa RFI  
 15315 1600-1700 Hausa RFI  
 15530 1700-1800 Portuguese RFI  
 15530 1700-1800 Portuguese RFI  
 15605 0700-0730 English RFI  
 15605 1600-1700 English RFI  
 15605 1600-1700 English RFI  
 17850 1600-1700 French RFI

(Wolfgang Bueschel, wwdxc BC-DX TopNews Mar 4 via  
 DXLD)

**GERMANY [non] Deutsche Welle Frequency**  
 Changes March 7th 2008:

1500-1530 Hindi 9650  
 1530-1558 Bengali 9650

(Alokesh Gupta, India, March 4/DX Listening Digest/  
 Hauser-OK)

Winter B-07 of DTK T-Systems Media & Broad-  
 cast:

**Adventist World Radio (AWR):**

0300-0330 Tigrigna 7315 WER  
 0300-0330 Oromo 7185 WER  
 0330-0400 Amharic 7315 WER  
 0500-0600 Bulgarian 6045 WER  
 0700-0800 Arabic 9595 WER

0800-0830 Kabyle 11975 WER  
 0800-0830 French 12010 WER  
 0830-0900 Tachelhit 12010 WER  
 1000-1100 Italian 9610 JUL  
 1200-1230 English 15495 WER  
 1230-1300 Bangla 15495 WER  
 1300-1330 Uighur 11720 WER  
 1300-1330 Chinese 11720 WER  
 1330-1500 Chinese 11725 WER  
 1500-1530 Nepali 11675 WER  
 1500-1530 Punjabi 9855 WER  
 1530-1600 English 11675 WER  
 1530-1600 Hindi 9855 WER  
 1630-1700 Somali 11905 WER  
 1730-1800 Kabyle 9640 NAU  
 1730-1800 Oromo 11795 WER  
 1900-1930 Arabic 9880 WER  
 1900-2000 Arabic 11955 JUL  
 1930-2000 Tachelhit 9880 WER  
 2000-2030 Persian 7110 WER  
 2000-2030 French 9805 WER  
 2030-2100 Chinese 9505 JUL

**Radio Netherlands**

0600-0655 Dutch 6120 NAU  
 0600-0755 Dutch 9895 NAU  
 0700-0755 Dutch 7220 NAU  
 0700-0855 Dutch 5955 WER  
 0800-0855 Dutch 9895 NAU DRM  
 0800-0855 Dutch 11935 WER  
 0900-1055 Dutch 6120 WER  
 0900-1055 Dutch 9895 NAU  
 0900-1055 Dutch 13700 NAU  
 0900-1155 Dutch 5955 WER  
 0900-1455 Dutch 5955 WER  
 1100-1455 Dutch 5955 WER  
 1100-1155 Dutch 9895 WER  
 1100-1555 Dutch 9895 WER  
 1200-1255 English 5955 WER DRM  
 1300-1355 Dutch 5955 NAU DRM  
 1400-1455 English 5955 WER DRM  
 1500-1555 Dutch 5955 NAU DRM  
 1600-1655 Dutch 9750 NAU  
 1600-1655 Dutch 9895 NAU  
 1700-1755 Dutch 6010 WER  
 1800-1955 Dutch 12050 WER

**Trans World Radio**

0745-0920 English 6105 WER Su  
 0815-0850 English 6105 WER Sa  
 0800-0850 English 6105 WER Mo-Fr  
 1455-1525 Belarussian 7170 WER Mo  
 1455-1525 Russian 7170 WER Tu-Su  
 1525-1555 Russian 7170 WER Daily  
 1630-1700 Romanian 5950 JUL Sa  
 1630-1700 Armenian 5950 WER Mo-Fr  
 1700-1730 Persian 5950 WER Daily  
 1700-1730 Persian 7165 WER Daily

**Christian Science Sentinel**

1000-1100 German 6055 JUL Su  
 1900-2000 Russian 5960 WER Sa

**Hamburglokal Radio**

1000-1100 German 6045 WER 1st Su

**Radio 700** (only on special occasions)

1000-1200 German 6005 WER 1st Su

**Evangelische Missions Gemeiden:**

1130-1200 German 6055 WER Sa/Su

1200-1230 Russian 11840 NAU Sa

1600-1630 Russian 6000 WER Sa

**Missionswerke Arche Stimme des Trostes**

1200-1215 German 6055 WER Su

**Mecklenburg Verpommern Baltic Radio**

1300-1400 German 6140 WER 1st Su

**Radio Joystick** (only on special occasions)

1300-1400 Music 6140 WER 2nd Su

**European Music Radio** (only on special occasions)

1300-1400 Music 6140 WER 3rd Su

**Radio Gloria International** (only on special occasions)

1300-1400 Music 6140 WER 4th Su

**Radio Traumland:**

1400-1500 German 5965 JUL Su

**Radio Huriyo**

1630-1700 Somali 9820 WER Tu/Fr

**Voice of Oromiya Independence**

1700-1730 Oromo/Amh 9820 WER Sa

**Voice of Democratic Eritrea Int.**

1700-1800 Tigrinya/En 9820 WER Th

**Voice of Oromo Liberation** (Sagalee Bilisummaa Oromoo):

1700-1800 Oromo 9485 NAU Tu-Su

**Radio Reveil Paroles de Vie:**

1830-1845 French 11840 JUL Tu/Th

**Voice of Ethiopian Unity-Ethiopian Forum for Democracy:**

1900-2000 Amharic 9620 JUL We/Fr/Su

**Pan American Broadcasting (PAB):**

0030-0045 English 6165 WER Sun

1400-1415 English 13645 WER Sat

1400-1415 English 13645 WER Sun

1400-1415 English 13645 WER Wed

1400-1415 Armenian 13750 WER Tue/Thu

1415-1430 English 13645 WER

1430-1445 English 13645 WER Sun

1600-1630 Persian 9850 JUL Thu

1600-1645 English 9850 WER Sun

1930-2015 English 6020 WER Sun

1930-2030 English 6020 WER Sat

2000-2030 English 6020 WER Fri

(DX Mix News, Bulgaria, Feb 29 via DXLD)

**GREECE ERT The Voice Of Greece A08:**

0000-0100 Greek 9420 7475 15650

0000-0300 Greek 9420 7475

0100-0200 Greek 15650

0100-0300 Greek 9420 7475

0200-0300 Greek 15650

0300-0400 Greek \*15650

0300-0400 Greek 9420 7475

0300-0500 Greek 9420

0400-0500 Greek 9420 \*7475 15630

0500-0600 Albanian 11645

0500-0800 Greek 9420 15630

0600-0700 English 11645 [BBCWS relay?]

0700-0800 French 11645

0800-0900 English 11645

0800-1000 Greek/En 9420 15630 [on Sunday??]

0900-0930 German 11645

0930-1000 Russian 11645

1100-1200 Greek 9420 15630

1200-1300 Greek 9420

1200-1300 Greek 9420 15630

1300-1400 Greek/En 9420 15630 [on Saturday?? Not B-07]

1400-1500 Greek 9420 15630

1500-1600 Greek 9420 15630

1600-1800 Greek 9420 15630

1800-1900 Greek 9420 15630

1900-2000 Greek 15630

1900-2000 Greek 9420 15630

1900-2000 Greek 9420 15630

2000-2100 Greek 9420 15630

2000-2100 Greek 15630

2000-2300 Greek 9420 \*15630

2100-2200 Greek 9420 15630

2100-2200 Greek 15630

2200-2300 Greek \*15630

2200-2300 Greek 9420 \*15630

2300-2400 Greek 15650

2300-2400 Greek 9420 7475

2300-2400 Greek 9420 7475

Macedonia Station

1100-1650 Greek 9935

1700-2250 Greek 7450

(\*) Transmission ends 10 min earlier

(via Gupta, India, via Rachel Baughn, MT/DX Listening Digest/Hauser-OK)

**INDONESIA Radio Republik Indonesia, English schedule A08:**

0000-0100 9775 11790

0300-0400 6150 9645 11895 15220

0530-0600 9655 11830 15435 17770

1200-1300 11875 15220

1700-1800 9635 11735

2030-2100 9515 9790 11810 11940 15465

2200-2300 7185 9675

(Alokesh Gupta, India/Hard-Core DX)

**ISRAEL** *Israel Radio Shortwave* --- Well, as of today, on the Israel Radio English news (you can hear it on the 1830 UT news), they are announcing that all Israel Radio shortwave broadcasts will cease as of March 31, 2008. As of April 1, you can continue to listen to Israel Radio live and on-demand (recordings maintained for 24 hours) at another website, which doesn't yet exist:

<http://www.intkolisrael.com>

There is nothing in print on the REKA website at this point. Of course, time will tell if it actually happens this time (Doni Rosenzweig, March 2/DX Listening Digest/Hauser-OK)

Try instead <http://www.int.kolisrael.com> (Erik Koie, Denmark, March 4/DX Listening Digest/Hauser-OK)

**NEW ZEALAND** *Radio New Zealand International A08*

0459-0658	9615 9890*
0659-0758	7145 9890*
0759-1058	7145 6095*
1059-1158	9655 6095*
1158-1258	9655
1300-1550	6095
1551-1850	7145 6095*
1851-1935	9615 9890*
1936-1950	9615 11675*
1951-2050	11725 11675*
2051-2235	15720 13840*
2236-0458	13840 15720*

\* DRM

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

**PAKISTAN** New 3975.0, \*0110-0215\* 28+29-02 and 01-03, *Radio Pakistan*, Rewat, Islamabad Kashmiri/Urdu Signed on in the middle of a song later that scheduled 0045. Kashmiri talks, local songs, 0200 news (?) probably in Urdu, 0210 talk and s/off in middle of a song. Some transmitter hum which disappeared at 0215\*. (Anker Petersen-DK/via Dario Monferini, playdx/DX Listening Digest/Hauser-OK)

**PAPUA NEW GUINEA** 3260, *Radio Madang/NBC Madang*, according to a QSL letter from Michael Samuga, Acting Assistant Manager, station operates 0700-1200 and is now known as *NBC Madang*. (Mark Schiefelbein, M0/DX Listening Digest/Hauser-OK)

**SLOVAKIA** *Radio Slovakia International A08*

0100-0130	English	5930 9440
0130-0200	Slovak	5930 9440
0200-0230	French	5930 9440
0230-0300	Spanish	5930 9440
0700-0730	English	9440 11650
0730-0800	Slovak	9440 11650
0800-0830	German	6055 7345

1300-1330	Russian	7345 9440
1330-1400	German	6055 7345
1430-1500	Spanish	9440 11600
1500-1530	Russian	7345 9535
1530-1600	Slovak	5920 6055
1600-1630	German	5920 6055
1630-1700	English	5920 6055
1700-1730	French	5920 6055
1730-1800	Russian	5920 7345
1800-1830	German	5920 6055
1830-1900	English	5920 6055
1900-1930	Slovak	5920 6055
1930-2000	French	5920 6055
2000-2030	Spanish	9440 11650

(Alokesh Gupta, New Delhi, India./Hard-Core DX)

**SPAIN** *Radio Exterior de Espana*, March 30-October 26:

0000-0100	English*	6055
0000-0100	Spanish*	6020 9535 9620 11680 15160
0100-0200	Spanish*	6020 6055 9535 9620 11680 15160
0115-0145	Sefardi	11795 Tu
0200-0400	Spanish*	3350 6020 6055 6125 9535 9620 9630
0400-0500	Spanish*	3350 5965 6055 6125 9535 9620 9630
0400-0700	Spanish	12035 Mo-Fr
0415-0445	Sefardi	9650 Tu
0500-0600	Spanish*	3350 5965 6055 9630 9710 11890
0500-0700	Spanish	11920 12035 Sa/Su
0600-0700	Spanish*	5965 9710 11890
0700-0800	Spanish*	5965 17770
0700-0900	Spanish	12035 13720 Sa/Su
0700-0900	Spanish	9780 DRM
0700-0900	Spanish	12035 13720 Mo-Fr
0800-0900	Spanish*	17770
0900-1000	Spanish	13720 21570 Mo-Fr
0900-1200	Spanish*	15585 21540 21610
0900-1400	Spanish	13720 Sa/Su
1000-1100	Spanish	5930 13720 17595 21570 Mo-Fr
1000-1200	Spanish	21570 Sa/Su
1100-1300	Spanish	5970 13720 15170 17595 21570 Mo-Fr
1200-1400	Spanish*	11910-Xian 15585 21540 21610
1200-1500	Spanish	9765 11815 15170 Su
1200-1700	Spanish	17595 21570 Sa/Su
1300-1400	Spanish	5970 15170 17595 21570 Mo-Fr
1400-1500	Spanish	17595 17755 21570 Mo-Fr
1400-1600	Spanish	15385 Sa
1400-1700	Spanish*	15585 21610
1400-1700	Spanish	17755 Sa/Su
1425-1455	Sefardi	15385 Mo
1500-1700	Spanish	15385 17595 17755 21570 Mo-Fr

1500-2300	Spanish	9765 11815 17850 Su
1600-1700	Spanish	9765 11815 15385 17850 Sa
1700-1730	Russian	15325 Mo-Fr
1700-1800	Spanish	17595 17755 Mo-Fr
1700-1900	Arabic*	21610
1700-1900	Spanish*	7275 17715
1700-2100	Spanish	9665 11775 Sa/Su
1700-2200	Spanish	17595 Sa/Su
1700-2300	Spanish	9765 11815 17850 Sa
1730-1800	German	9665 Mo/Th
1800-1900	Portuguese	17595 Mo-Fr
1800-1900	French	9665 Mo-Fr
1800-1900	Spanish	9765 11815 17595 17755 17850 Mo-Fr
1900-2000	Spanish	9765 11815 17850 Mo-Fr
1900-2000	French	9600 11625 Mo-Fr
1900-2000	French	12015 Sa/Su
1900-2100	Arabic	7270 12015 Mo-Fr
1900-2200	Spanish*	7275 15110
2000-2100	English	9665 11625 Mo-Fr
2000-2200	Arabic	7270 Sa/Su
2100-2200	Spanish	17755 Sa/Su
2100-2200	Portuguese	17595 Mo-Fr
2100-2200	English	9840 Sa/Su
2100-2200	Spanish	11625 Mo-Fr
2200-2300	Spanish*	7270 7275 15110
2200-2300	Spanish	9765 11625 11815 17850 Sa
2300-2400	French	6055 6155
2300-2400	Spanish*	9535 9620 11680 15160

(Jose Bueno, Spain/Hard Core DX)

#### SWEDEN *Radio Sweden's* English Schedule A08

0130-0200	6010 via Sackville
0230-0300	6010 via Sackville
0230-0300	11550 via Madagascar
1230-1300	15240
1330-1400	15735
1430-1500	13820 15420-via Sackville
1530-1600	11590
1730-1800	6065 We/Fr
2030-2100	7395 & 7420 via Madagascar
2130-2200	6065
2230-2300	9800 (268 ) DRM via Sackville

(via Alokesh Gupta, New Delhi/DX Listening Digest/Hauser-OK)

**THAILAND** *Radio Thailand*, A-08 from Udorn to North America: 0030-0200 12120 ex-12095; 0200-0330 15275; 0030 and 0200 English half-hours, the rest Thai. (Glenn Hauser, OK/DX Listening Digest)

**UNITED KINGDOM** *BBC World Service* shortwave transmissions to the Caribbean will close on March 23rd 2008. BBC World Service can be heard 24 hours a day across Jamaica on 104 FM, in Antigua on 89.1 FM and in Trinidad & Tobago on 98.7 FM. In San Jos, Costa Rica, BBC World Service is on Radio Real Rock (BBC website via Mike Terry/DX Listening Digest/Hauser-OK)

*BBC World Service* shortwave transmissions to East and South-East Asia will be reduced on 30th March 2008. "Shortwave transmission will therefore cease between 10am and 5pm local time and midnight and 2am local time." (BBC via Zacharias Lian-gas, Greece, March 17; Alokesh Gupta, India, March 18/DX Listening Digest/Hauser-OK)

**UNITED STATES** New Frequency for *VOA* English—VOA in English is changing one frequency at 0100-0200 from 9865 to 9740 kHz effective 05 March 2008 from their Thailand relay station. Parallel channels at this time are 7205 and 11705 kHz (Alok Dasgupta, India/DX Listening Digest/Hauser-OK)

*KTBN* left the HF airways on March 31. *WRNO* hopes to start testing on *KTBN's* frequencies (7505 and 1559) in April. In turn, *WBCQ* gets former *WRNO* unused frequency 15420 from April 1, ex-17495 (Glenn Hauser, OK/DX Listening Digest)

Here are *KTBN* photos from 1994, really worth a look: <http://www.biener-media.de/us-ktbn.html> (Kai Ludwing, Germany/DX Listening Digest/Hauser-OK)

*WBCQ* To Change Frequency On the Friday evening (UT Saturday 0000) airing of Jennifer's "867-5309" program on 7415 kHz, the format of that program was announced to be changed from music to being a Jennifer-and-Allan talk show and Allan also announced that, as of 1 April 08, the *WBCQ* upper frequency of 17495 will change to 15420 kHz.

Allan mentioned the historical reference that this 15420 used to be a *WRNO* frequency. (Will Martin-MO, March 2/DX Listening Digest/Hauser-OK)

#### *KNLS* A-08 Broadcast Schedule Starting March 30, 2008

0800-0900	English	7355
0800-0900	Mandarin	11765
0900-1000	Russian	6150
0900-1000	Mandarin	7355
1000-1100	English	6890
1000-1100	Mandarin	11765
1100-1200	Russian	7370
1100-1200	Mandarin	11870
1200-1300	English	7355
1200-1300	English	9780
1300-1400	Mandarin	9795
1300-1400	Mandarin	9780
1400-1500	English	7355
1400-1500	Mandarin	9920
1500-1600	Russian	7355
1500-1600	Mandarin	9920
1600-1700	Russian	7355
1600-1700	Mandarin	9920
1700-1800	Russian	7355
1700-1800	Mandarin	9920

(via Alokesh Gupta, India, March 9/DX Listening Digest/Hauser-OK)

**ZIMBABWE** On 30th March **SWRA** moved from 7125 to 12035 kHz. (David Pringle-Wood, Harare/DX Listening Digest/Hauser-OK)

**UNIDENTIFIED** 7260, good signal with 30-second loop announcement lasting 23 seconds + 7 seconds pause, paraphrased: "BBC World Service, currently no service on this channel, but you can hear English and Arabic 24 hours on one of this satellite's nearby channels. Details of all our services at [bbcworldservice.com](http://bbcworldservice.com)" with BBC theme music bed. Heard from tune-in 0005 UT March 1, still at 0015, and at 0050 rechecks. No Merlin/BBC/VTC usage during this hour on any of the online schedules. Is no one paying attention at Bush House/VTC master control? Obviously not, and we SWLs are further insulted by being addressed as satellite listeners. Site? Planning a new service from where to where? Checked 24 hours later: gone (Glenn Hauser, OK, DX Listening Digest)

**Trans World Radio—India**

0015-0030	Bengali	12085-N Mo-Fr
0030-0100	Bhojpuri	12085-N Mo-Fr
0045-0100	Dzonka	12085-N Sa
0045-0130	Hindi	12085-N Su
0100-0115	Nepali	12085-N Sa
0100-0130	Nepali	12085-N Mo-Fr
0115-0130	Hindi	12085-N Sa
1230-1245	Dhodiya	9415-I Tu/We
1230-1245	Maithili	9415-I Th/Fr
1230-1245	Gujarati	9415-I Mo
1230-1245	Santhali	9415-I Sa
1245-1300	Kui	9415-I Sa
1245-1315	Urdu	9415-I Mo-Fr
1300-1315	Ho	9415-I Sa
1300-1315	Garhwali	11930-N Mo-Fr
1315-1330	Dogri	11930-N Mo-Fr
1315-1330	Mewari	9415-I Th/Fr
1315-1330	Bengali	9415-I Sa
1315-1330	Marwari	9415-I Su
1315-1345	Punjabi	9415-I We
1315-1345	M.Bengali	9415-I Mo/Tu
1315-1430	Hindi	11930-N Sa/Su
1330-1345	Hindi	11930-N Mo
1330-1345	Dzonka	9415-I Th/Fr/Sa
1330-1345	Bondo	9415-I Su
1330-1400	Hindi	11930-N Tu/We
1330-1415	Hindi	11930-N Th/Fr
1345-1400	Tibetan	11930-N Mo
1345-1400	Bundeli	9415-I Sa/Su
1345-1415	Maithili	9415-I Mo-Fr
1400-1415	Kashmiri	11930-N We
1400-1415	Oriya	9415-I Sa
1400-1415	Bundeli	9415-I Sa/Su
1400-1415	Braj Bhasa	11930-N Mo/Tu
1415-1430	Kumaoni	9415-I Su
1415-1430	Kuruk	9415-I Th/Fr/Sa
1415-1430	Mundari	9415-I Tu/We
1415-1430	Magahi	9415-I Mo
1415-1430	Bhojpuri	11930-N Mo-Fr
1430-1445	Sadri	9415-I Sa/Su
1430-1445	Hindi	11930-N Mo-Fr

1430-1500	Sindhi	9415-I Mo-Fr
1430-1500	Punjabi	11930-N Sa/Su
1445-1500	Chodri	9415-I Sa/Su
1445-1515	Punjabi	11930-N Mo-Fr
1500-1515	Marwari	11930-N Sa/Su
1500-1515	Bhili	9415-I Sa/Su
1500-1530	Kutchi	9415-I Mo-Fr
1515-1530	Monchi	9415-I Sa/Su
1515-1545	Hindi	11930-N Mo-Fr
1530-1545	Awadhi	9415-I Sa/Su
1530-1545	Gamit	9415-I Mo-We
1530-1545	Vasavi	9415-I Th/Fr
1545-1600	Urdu	9415-I Mo-Fr
1545-1600	Hindi	9415-I Sa
1545-1600	Haryanvi	9415-I Su
1600-1615	Pashto	11955-S
1615-1630	Dari	11955-S Su
1615-1630	Pashto	11955-S Mo-Fr

I=Irkutsk  
N=Novosibirsk  
S=Samara

(Alokesh Gupta, India/Hard-Core DX)

**Trans World Radio—Monte Carlo, Monaco**

0545-0600	Polish	5910 7335
0600-0615	Czech	5910 7335 Mo/Tu/Th/Fr
0645-0820	English	9800 Mo
0700-0750	English	9800 Mo-Fr
0715-0750	English	9800 Sa
0757-0827	Serbian	7210 Sa
0830-0900	Hungarian	7210
1000-1030	Romanian	9440 Sa

**Trans World Radio—Juelich, Germany**

1530-1600	Rumanian	7345 Sa
1810-1840*	Macedonian	5910 Su
1810-1840*	Serbian	5910 Mo-Sa

**Trans World Radio—Wertachtal, Germany**

0645-0820	English	6105 Su
0700-0750	English	6105 Mo-Fr
0715-0750	English	6105 Sa
1400-1430	Belorussian	7220 Mo
1400-1500	Russian	7220 Tu-Su
1430-1500	Russian	7220 Mo
1530-1600	Armenian/eas	9440 Mo-Fr
1630-1700	Farsi	9505

**Trans World Radio—Moosbrunn, Austria**

1400-1430	Belorussian	9725 Mo
1400-1500	Russian	9725 Tu-Su
1430-1500	Russian	9725 Mo
1530-1600	Armenian	11995 Mo-Fr
1630-1700	Farsi	11995

(TWR-Europe via WWDXC-Germany/Michael Bethge, Mar 25/Hard-Core DX)

**Bible Voice Broadcasting A08:**

0030-0045	Bengali	9815W Mo
0030-0045	Bengali	9815W Fr
0030-0045	Bengali	9815W We

0030-0045	Bengali	9815W Th	1245-1300	English	5950K Sa
0030-0045	Bengali	9815W Sa	1400-1415	Bengali	7485T Th
0030-0045	Bengali	9815W Su	1400-1415	Dzongkha	7485T Fr
0030-0045	Bengali	9815W Tu	1400-1500	English	15680N Su
0030-0100	English	9490W Su	1400-1500	English	15680N Sa
0030-0100	English	9490W Sa	1415-1445	Nepali	7485T Th
0030-0100	Hindi	9490W Mo	1415-1500	Hindi	7485T Fr
0030-0100	Hindi	9490W Th	1500-1515	Tamil	15390N Th
0030-0100	English	9490W Fr	1500-1530	Bengali	15390N Fr
0030-0100	Hindi	9490W Tu	1500-1530	English	15390N Sa
0030-0115	Hindi	9490W We	1500-1530	Bengali	15390N Su
0430-0500	Amharic	11635W Su	1500-1600	Hindi	15390N Mo
0430-0530	Arabic	11635W We	1515-1530	Urdu	15680J Th
0430-0530	Arabic	11635W Tu	1515-1530	Punjabi	15680J Fr
0430-0530	Arabic	11635W Mo	1515-1530	Telegu	15390N Th
0430-0530	Amharic	11635W Sa	1515-1600	Urdu	15680J We
0430-0530	Arabic	11635W Th	1515-1600	Urdu	15680J Tu
0430-0545	Arabic	11635W Fr	1515-1600	Hindi	15390N We
0700-0815	English	5945W Su	1530-1600	Urdu	15680J Su
0700-0815	English	5945W Sa	1530-1600	English	15680J Th
0745-0800	English	5945W Fr	1530-1600	Urdu	15680J Fr
0800-0815	Urdu	5945W Fr	1530-1600	English	15680J Sa
0900-1000	Arabic	17535W Fr	1530-1600	Hindi	15390N Tu
1015-1045	English	5985PK Su	1530-1600	Hindi	15390N Th
1045-1100	Japanese	5985PK Su	1530-1600	Hindi	15390N Fr
1045-1130	Korean	5985PK Sa	1530-1600	Tigrinya	17650J We
1100-1130	Korean	5985PK Su	1530-1730	Farsi	12140J Su
1115-1130	English	5950K Th	1530-1730	Farsi	12140J Mo
1115-1130	English	5950K Tu	1530-1730	Farsi	12140J Sa
1115-1130	English	5950K Fr	1530-1730	Farsi	12140J We
1115-1130	English	5950K Su	1530-1730	Farsi	12140J Fr
1115-1130	English	5950K We	1530-1730	Farsi	12140J Th
1115-1130	English	5950K Mo	1530-1730	Farsi	12140J Tu
1115-1200	English	5950K Sa	1530-1815	English	13590J Su
1130-1145	Japanese	5985PK Su	1540-1600	English	13590J Mo
1130-1200	Mandarin	5950K Fr	1540-1615	English	13590J Tu
1130-1200	Mandarin	5950K Mo	1540-1615	English	13590J We
1130-1215	Mandarin	5950K Tu	1540-1615	English	13590J Th
1130-1215	Mandarin	5950K Th	1540-1800	English	13590J Fr
1130-1215	Mandarin	5950K We	1545-1600	English	13590J Sa
1200-1215	Mand/Eng Mx	5950K Fr	1600-1615	En music	13590J Sa
1200-1215	Bahasa	5950K Mo	1600-1630	Oromo	13810N Mo
1200-1230	Cantonese	5950K Su	1600-1630	Oromo	13810N Su
1200-1230	Cantonese	5950K Sa	1600-1630	Oromo	13810N Sa
1200-1230	Uyгур	15610N Tu	1600-1700	Amharic	13810N Tu
1200-1230	Uyгур	15610N We	1600-1800	Amharic	13810N We
1200-1230	Uyгур	15610N Fr	1615-1630	En music	13590J Th
1200-1230	Uyгур	15610N Th	1615-1645	En music	13590J Tu
1200-1230	Uyгур	15610N Mo	1615-1730	English	13590J Sa
1215-1230	Cantonese	5950K Th	1615-1730	Arabic	9430W Fr
1215-1230	Cantonese	5950K We	1615-1730	Arabic	9430W Mo
1215-1230	Cantonese	5950K Fr	1615-1730	Arabic	9430W We
1215-1230	Cantonese	5950K Mo	1625-1715	Arabic	13580W Fr
1215-1230	Cantonese	5950K Tu	1625-1715	Arabic	13580W Tu
1230-1245	Vietnamese	5950K Sa	1625-1730	Arabic	13580W Mo
1230-1245	Vietnamese	5950K Mo	1625-1730	Arabic	13580W Th
1230-1245	Vietnamese	5950K Th	1625-1730	Arabic	13580W We
1230-1245	Vietnamese	5950K Fr	1630-1645	English	13590J Th
1230-1245	Vietnamese	5950K Tu	1630-1700	Amharic	13810N Mo
1230-1245	Vietnamese	5950K Su	1630-1700	Nuer	13720J Su
1230-1245	Vietnamese	5950K We	1630-1700	Nuer	13720J Sa

1630-1700	Amharic	13810N Fr	1800-1830	Somali	13810N Su
1630-1700	Arabic	9430W Sa	1800-1830	Russian	6130W Tu
1630-1700	Nuer	13720J Mo	1800-1830	Farsi	11875J Fr
1630-1700	Nuer	13720J Fr	1800-1830	English	13590J Sa
1630-1700	Arabic	9430W Su	1800-1830	Spanish	9435N Su
1630-1700	Nuer	13720J Th	1800-1830	Farsi	11875J We
1630-1700	Nuer	13720J Tu	1800-1845	English	9430W Su
1630-1700	Nuer	13720J We	1800-1845	English	6130W Sa
1630-1800	Amharic	13810N Sa	1800-1900	Farsi	11875J Th
1630-1800	Amharic	13810N Th	1800-1900	Farsi	11875J Tu
1630-1800	Amharic	13810N Su	1800-1900	Farsi	11875J Su
1645-1700	English	13590J Tu	1815-1830	Russian	6130W We
1700-1715	Hebrew/En	13590J Tu	1815-1830	Russian	6130W Mo
1700-1730	Tigrinya	13810N Mo	1815-1845	Russian	6130W Th
1700-1730	Dinka	13720J Th	1830-1845	Swahili	11830J Su
1700-1730	Dinka	13720J Su	1830-1900	Russian	6130W Su
1700-1730	Dinka	13720J Mo	1830-1900	Amharic	13810N Fr
1700-1730	Dinka	13720J Tu	1830-1900	Amharic	13810N Su
1700-1730	Tigrinya	13810N Fr	1830-1900	English	9430W Fr
1700-1730	Dinka	13720J Fr	1845-1900	Bahasa	9430W Su
1700-1730	Arabic	9430W Tu	1845-2000	English	11830J Su
1700-1730	Tigrinya	13810N Tu	1900-1930	English	13710N Su
1700-1730	Dinka	13720J Sa	1900-1930	English	6130W Su
1700-1730	Arabic	9430W Th	1930-1945	French	11830W Sa
1700-1730	Dinka	13720J We	1945-2000	11830W Sa	
1700-1800	English	9430W Sa		Adja	
1700-1800	English	9430W Su	2000-2030	Arabic	9635W Th
1715-1800	Hebrew	13590J Tu	2245-2330	Vietnamese	7255W Fr
1730-1745	Tagalog	13590J Sa	2300-2330	Vietnamese	7255W Sa
1730-1745	Fur	13720J Fr		J=Juelich	
1730-1800	Amharic	13810N Fr		K=Khabarovsk	
1730-1800	Amharic	13810N Tu		N=Nauen	
1730-1800	Amharic	13810N Mo		PK=P. Kamchatsky	
1745-1800	Various	13590J Sa		T=Tashkent	
1800-1815	Somali	13810N Sa		W=Wertachtal	
1800-1815	English	11875J Sa			
1800-1830	Somali	13810N Fr			
1800-1830	English	6130W Su		(Alokesh Gupta, India/Hard-Core DX) 	
1800-1830	Russian	6130W Fr			
1800-1830	Farsi	11875J Mo			
1800-1830	English	9430W Sa			

Latest edition of this schedule version, plus AM, FM, Satellite, Internet airings, with hotlinks to station sites and audio, is at:  
<http://www.worldofradio.com/radioskd.html>

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

Internet on demand, mp3 and real: see Our Current Audio page for availability:  
<http://www.worldofradio.com/audiomid.html>

WORLD OF RADIO podcasts, now available from WORLD RADIO NETWORK:  
<http://www.wrn.org/listeners/stations/podcast.php>

DX Listening Digest, upon which WOR is based:  
<http://www.worldofradio.com/dxldmid.html>

73, Glenn Hauser

# Pirate Radio Report

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

Hello and welcome to the **April "Fools" 2008** edition of the Pirate Radio Report. Conditions still seem to be holding up rather well and there was a lot of activity over the Easter holiday weekend to report on! Many thanks to the following fine reporters. Without them, this column would not be possible: Brian Alexander-PA, Mark Taylor-WI, Joe Wood-TN, and George Zeller-OH

**ANN HOFFER**, that YL babe who plays her guitar and sings along, was logged on 6925 kHz from 2030 past 2035 UTC on March 16<sup>th</sup>. Ann singing and accompanying herself with the guitar. "Have a good weekend. That would be great" [Taylor-MI] She will QSL reports left on the frn. [www.frn.net]

**CONELRAD RADIO** 6925 USB, heard from 2330 until 2334 on March 25<sup>th</sup>. Music from the 1940-1960 era including: "...Boogie," "Fujiama Mama," and "Counter Spy" by Bob Newhart. Off at 2334 in mid song. Poor. [Wood, TN]

**EAST COAST RADIO**, logged on 6925 USB from sign on at 2214 until 2258 sign off on March 21<sup>st</sup>. Program of rock music with OM announcer until 2236. At that point the DJ gave a second definite ID as East Coast R. Then the show shifted gears completely and changed into a collage of various IDs and jingles from commercial USA broadcasters. Gave eastcoastradio@hotmail.com for reports. [Zeller-OH]

**KRACKER RADIO INTERNATIONAL**. Heard on 6925 kHz USB from 1750 past 1833 sign off on March 23<sup>rd</sup>. Sign on With Cat Scratch Fever and some 3 Stooges bits. Cameo appearances from several pirates including Ragnar from Ragnar Radio. [Zeller-OH]

**RADIO AZTECA**, heard on 6925 USB from 1539 sign on until 1617 sign off on March 23<sup>rd</sup>. Bram Stoker w/a rerun of his old program #6, which is among the funniest shows that he ever produced. [Zeller-OH] *Don't forget, your editor still has "Radio Azteca, All That's Gross But Tasteful" two*

*CD mp3 set of all Radio Azteca's programs for sale for \$10.00 cash in the USA. Mail to the address on the masthead.*

**SPECIAL ED** noted 6925 USB from 2310 sign on to 0000 sign off on March 22<sup>nd</sup>. Most of the program content consisted of clips of theme songs from old TV westerns like Rawhide. From time to time the OM DJ came on and said, "I Like Green Spaghetti and Green Eggs on this St. Patrick's Day Easter." [Zeller-OH] [Special Ed was a character on *Possum Hunting Radio*, looks like he now has his own station!]

**TANGERINE RADIO**, heard on 6925.6 kHz USB 2333-2346 on March 10<sup>th</sup>. Return of this old-time pirate. Raunchy Rick w/his "anti-religion" program. Among other things, he said that the Rev. Jim Jones, Jesus, and Mohammed were all cult leaders. The station goes back to 1984, and in those days it used Wellsville, which is now Belfast. [Zeller-OH]

**WBNY-RADIO BUNNY**, 6925 USB was heard from 2320 past 2349 UTC on March 23<sup>rd</sup>. Commander Bunny with his announced 39th Annual Easter broadcast. Several IDs and address as Box 1, Belfast, NY 14711. Call for reports and mentions of enclosing 3 first class stamps. Poor. [Wood-TN]

**WNKR [West and North Kent Radio]** via a North American relay on 6925 USB from 2222 past 2310 UTC on March 16<sup>th</sup>. This time they said that they were back in the UK, so this transmission was apparently via a NA relay. Discussion of Andy Walker's recent trip to the USA, including the Winter SWL Fest, and a favorable discussion of the Fest banquet. Various rock music mixed with WNKR jingle IDs. (Zeller-OH)

**WTCR-Twentieth Century Radio**, was heard on 3430 kHz USB mode from 0235 to 0307 sign off, on March 23<sup>rd</sup>, IDs, Allman Brothers music. Blues music. Belfast, NY mail drop. Very good. [Alexander-PA]

Happy Pirate DX!



# QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

## CHANNEL AFRICA

RADIO + TELEVISION SERVICES

site. v/s George Bennett, Editor in Chief. This all in 2 mos. (Berg-MA). f/d "Fondation Hironde/ Cotton Tree Network" cd. in 24 ds. v/s Anne Bennett in Sierra Leone. (D'Angelo-PA).

**ASIATIC RUSSIA: Radio Vatican** 13785 via **Khabarovsk** f/d cd. in 6 mos. w/ program schedule, station photos and a 24 page station booklet (Field-MI)

**STATION NOTES: Radio Huriyo** 9820 Email: Walter.Brodowsky@t-systems.com

**Radio Okapi** 11690 v/s Miss Kathy Otto, QSL Manager. Use the SENTECH address or Foundation Hironde/elle, Avenue du Temple 19c, CH-1012 Lau-

sanne, Switzerland. v/s Nihada Omerovic. **Radio Republica** 9955 Addr: Directorio Democratico Cubano, P.O. Box 110235, Hialeah, FL 33011

**Radio Voice of the People** 11695 v/s Davidson Mudzingwa, Producer. Email: voxpopzim@yahoo.co.uk Addr: P.O. Box 5750, Harare, Zimbabwe

**Radio Zamanah** 6245 Addr: Linnaeusstraat 35-F, NL-1093 EE Amsterdam, Holland...via PLAY DX...Sam.

**AUSTRALIA: VL8A** 2310 via **Alice Springs**,

**VL8K** 2485 via **Katherine** and **VL8T** 2325

via **Tennant Creek** veri only statement

ltr. for all 3 stations in 5 wks. v/s

Theresa Regan, Administration Officer.

Also rcvd. station stickers and a station frequency cd. (Lay-NC)...

Welcome to the QSL Column Russell...Sam.

**BOTSWANA: Voice of America** 4930 f/d cd. in 2 mos. w/ a large VOA wall

calendar. (Field-MI)...Marlin, remember when the VOA would not send

any type of station items to US residents?...Sam.

**ASCENSION ISLAND: Cotton Tree News** 9525 Hironde/elle style cd. similar to Ndeke Luka and Star rcvd. direct from Sierra Leone for a postal rpt. and a CD recording of their signal. The cd. was f/d except for the



EXTERNAL SERVICE - TERBAK-LA. OF IRAN  
 PB BOX: 10349-0707  
 E-MAIL: IRIBWORLD@IRIB.COM  
 برون مرزی صدا و سیما  
 جمهوری اسلامی ایران

**BRASIL: Radio Clube do Para**

4885 n/d "Scenes of Be-

lem and Radio TV Tower"

cd. in 2 mos. for a PT/

EG report, \$1.00 and

after a f/up rpt. (Lay-

NC). **Radio Brasil Central** 4985 EG ltr. w/

veri statement on Age-

com ltr. head in 2 yrs.

after 3 f/up rpts. The

last one took only 2

mos. v/s Silvio Jose

da Silva, executive

Manager. I sent \$1.00.

(Lay-NC).

Ts/Mon/AM/90/6

### VOICE OF NIGERIA

THE EXTERNAL SERVICE OF THE FEDERAL RADIO CORPORATION OF NIGERIA

BROADCASTING HOUSE, LAGOS

5th March, 1982

Thank you for your report of 8/7

1982 at 2200-2210 hrs G.M.T.

I have pleasure in confirming that the

transmission was from our HOME

transmitter on 2326 KHZ

Chief Engineer

National Research & Development.

Printed by Enghaus Victoria Enterprises.

Samuel Barto  
47 Prospect Place  
Bristol, CT 06010  
U. S. A.

**RADIO CLUBE DE MOÇAMBIQUE**

Caixa Postal (P. O. Box) 594

Lourenço Marques

MOÇAMBIQUE

Temos o prazer de confirmar a sua  
 We have pleasure to confirm your report and  
 informação de escuta na frequência  
 de 4925 Kcs

Frequency

Potência do emissor 20 kw.

Transmitter power

Observações: Thank youn for

Remarks:

your report of 28/11/74

from 19.15 to 19.29 GMT.

*Albuquerque*

Mr. Samuel L. Barto

245 Cherry Ave., Highgat  
Apt. J-11

Watertown, CONN. 06795

U.S.A.

**ECUADOR:** HCJB Global 9745 cd.  
 in SP for a SP transmission,  
 ion, book mark, desk calendar,  
 and a personal note in EG in 2 mos.  
 Also rcv'd. a very nice large wall  
 calendar. (Field-MI).

**ENGLAND:** Radio TV Algerienne  
 11815 via Rampisham p/d  
 "RTVA" cd. from Algiers in  
 3 mos. (Barto-CT).

**ERITREA:** Radio Bana 5100 f/d  
 ltr. in 2 1/2 mos. Also rcv'd.  
 a beautiful "The Ministry of  
 Education Radio Station  
 Eritrea" station sticker.  
 (Barto-CT).

**FALKLAND ISLANDS: Falkland Islands Broad-**

\* casting Service 3958 verified with a short personal ltr. and by signing my prepared cd. in 40 ds. after a f/up rpt. (almost 24 years from

**SPECIAL ANNOUNCEMENT:** Don't worry, I'm not going anywhere. I'm still going to do the QSL Column and get in some good DXing; however, I have decided to sell all of the radio station memorabilia I've collected over 50 years of DXing. I have completed a listing of 3345 items. They range from over 1800 decals/stickers to ladies silk panties from BBC Radio Stoke, from large cloth wall hangings to hand painted pictures from HCJB among others. If you are interested in obtaining the list and possibly purchasing any of these items, please contact me at the address on the back page of the bulletin... Sam.

my initial report). v/s Corina Bishop, Station Manager. I asked about a special transmission

**RADIO CLUBE DE MOÇAMBIQUE**

"The Station for Happy Listening"

Caixa Postal 594

Lourenço Marques

We have pleasure to confirm your  
 report on undated  
 on frequency 15,300 ko/AM/CS.  
 Call Sign CR7BG  
 Transmitter power 10 kw.

Remarks.

XXXXXXXXXXXX We thank  
 you for your report.  
 Best wishes from L.M.  
 Radio.

*Albuquerque***SALAMA RADIO**12<sup>th</sup> March 2002

JERRY, KLINCK  
 11943 BIG TREE ROAD  
 E. AURORA 14052  
 NY  
 USA

Dear JERRY

Thank you very much for listening to Salama Radio. We can confirm that you did tune in to Salama Radio broadcasting on the frequency you mentioned. We have been broadcasting at 12.025 MHz since December 2001, and until 31<sup>st</sup> March 2002, at 1900hrs UTC.

We have been on air since July 6<sup>th</sup> 2001, and we broadcast everyday in Hausa and English at present. Our programme is mainly Christian with about 30% of programs dedicated to moral issues, African folk songs and music.

Enclosed with this letter is a Salama Radio sticker with our new programme schedule. Do tell your family and friends about Salama Radio. We hope you will be able to tune into Salama Radio as often as you can. Please visit our website for more information about Salama Radio. Hopefully the new frequency change will be 12.520 MHz on the 19 Metaband from the 1<sup>st</sup> of April.

Please listen on the radio for the new frequency change in March when it will be announced. We appreciate your interest and we hope that you find the program interesting.

Thank you once again for tuning in to Salama Radio.

God Bless

*IPAA/Call*

Dr Jacob Abdalla  
 Chairman, Salama Radio.

but was told that the station would be unable to do one. (D'Angelo-PA)...Bet this made your year...Sam.

**FRENCH GUIANA:** Radio France International 5995 via Montsiner f/d ltr. direct from the site in 133 ds. v/s Jean Francois LeCoeuvre. Address: RFI, TDF SAS, Boite Postale 7024, 97307 Cayenne Cedex. (Wood-TN).

**GERMANY:** Trans World Radio 6105 via Wertachtal station QSLed direct from Austria w/ f/d "TWR Europe" cd. w/ site in 53 ds. v/s Beth Chick. (D'Angelo-PA). The Overcomer 13810 n/d QSL w/ schedule in 10 ds. After the QSL I received a letter telling me about Rev. Stair's personal visit to Xenia and Akron. (Field-MI).

**GERMANY (East):** The Overcomer 15325 via Nauen f/d cd. from T-Systems in 2 mos. (Field-MI).

**GUAM:** Armed Forces Network 13362 f/d cd. in 5 wks. v/s Robert Winkler. (Lay-NC).

Dear Friend,  
 thank you for your report, which we  
 herewith verify as fully correct.  
 IBRA Radio was heard over  
Illegible  
 Date: 3/3-03 / 4/3-03  
 Hour: 5:34-1602 / 11:31-1522 UTC  
 Frequency: 11905 / 15775 kHz

We are glad to understand that you are  
 listening to our programs.



SWEDEN  
 11905  
 15775  
 Scott R Barbour Jr  
 PO Box 893  
 Intervale, NH 03845  
 USA

**HOLLAND: Radio Nederland 11655**  
 via Flevo f/d cd. w/ site  
 in 2 mos. (Field-MI).  
**ICELAND: RUK 12175 f/d "Anti-**  
**que Radio" cd. in 4 wks.**  
 v/s Jonina Lydsdottir. (Lay  
 NC).  
**IRAN: Voice of the Islamic Re-**  
**public of Iran 3985 via**  
**Kamalabad f/d "The Main**  
**Portico and Wind Towers of**  
**Khaneh - ye Borujerdi**  
**(House) Kasha" cd. in 99**  
**ds. The station sent along**  
**their broadcast schedule**  
**and "The Islamic Family**  
**Magazine". (D'Angelo-PA).**  
**MOLDOVA: Voice of Russia 6240**  
 f/d cd. in 2 mos. They

also sent a "Merry Christmas / New Years" cd. (Field-MI).  
**PAPUA NEW GUINEA (Bougaville): Radio Bougaville 3325 date only ltr. in**  
 6 wks. for \$2.00. v/s Chris T. Girana,

**QSL Report:** Last month I requested some infor-  
 mation about some of your more unusual  
 QSLs. I guess I'll start it off. Although  
 not a rare station, I logged YDV1 RRI Dili,  
 Timor in November of 1976. I took about an  
 1/2 hour log as the quality of the signal  
 was astounding! They verified my report in  
 December of 1976. I was so thrilled by the  
 quality of the signal that I never thought  
 to scan 90 or 120 meters for any other  
 Indonesian stations. I realized this about  
 2 hours after the sun came up. What a jerk!  
 I still thing about this to this day..Sam.

Acting Director. (Lay-NC).  
**POHNPEI STATE (Micronesia): PMA Radio 4755**  
 \* f/d "Island" cd. in 70 ds. v/s Roland  
 Weibel, Station Manager. (Lare-MI)....  
 Very nice!...Sam.

**ROMANIA: Radio Moldova International 15220**  
 sent a vague electronic response "We ap-  
 preciate your interest in our radio pro-  
 grams." This was rcvd. in 17 ds. after a f/up postal report. A total  
 of 5255 days (!) from my original report. In response to my question  
 about resuming shortwave transmissions they said "We would like to  
 inform you that since 2000, we have been broadcasting through the in-  
 ternet from Monday to Friday in English, French, Spanish, Russian and  
 Romanian". (D'Angelo-PA)

WIEN 50  
 Name: \_\_\_\_\_  
 Thank you very much for your reception  
 of our short-wave station  
 Call OEI 72  
 frequency 17765 kc,  
 from 11.02 to 19.30 EST.  
 of 1. and 23. 4.62  
 which has been found correct in every detail.  
 We are, therefore, very pleased to give you  
 our verification.  
 Vienna, May 22nd 196 2

**Osterreichischer Rundfunk**

Gesellschaft m. b. H.  
 (Austrian Broadcasting System)

Wien IV, Argentinierstraße

AUSTRIA

**SAINT HELENA: Radio Saint**  
**Helena 11092.5 nice cd.**  
 similar in design as in  
 the past with "Revival  
 2006 Transmission" on  
 the card. f/d info. on  
 the reverse side. v/s  
 Laura Lawrence, Station  
 Manager. Also rcvd. ltr.  
 about the station. The  
 v/s stated "Since our  
 FM competitor has been  
 on the scene we have  
 been finding it harder  
 to keep and gain listen-  
 ers and we dream of one  
 day going worldwide.

Barbour  
 RADIO  
 SLOVAKIA  
 INTERNATIONAL



This special broadcast last year gave us all a much-needed boost of confidence and morale. (Berg-MA).

**SAO TOME: Voice of America** 4965 f/d cd. in 2 mos. (Field-MI).

**SEYCHELLES: BBC Indian Ocean Relay Station** 6005 verified a direct report to Victoria with a frequency / time confirmation ltr. in 41 ds. from v/s Albert Quatre, Senior Engineer (VT Communications). Addr: P.O. Box 448, Victoria, Mahe, Seychelles. (D'Angelo)

**SRI LANKA: Radio Ashna** 9335 via **Iranawila** f/d cd. in 2½ mos. w/ VOA calendar after a f/up rpt. (Paszkievicz-WI).

**USA: The Overcomer** 3185 and 6890 via **WWRB** no date cd. in 10 ds. (Field-MI). **KJES** 11715 f/d "Sunset at KJES radio

**STATION NOTES: Radio Nacional Bata** 5005 v/s Julian Esono Ela, Locator. **Radio**

**East Africa** 15190 Addr:

Radio Africa Network, P.O. Box 851, Malabo or Pan American Broadcasting, 2021 The Alameda, Suite 240, San Jose, CA 95126-1145. **BBC Relay**

French Guiana 11675 Addr: TDF, B.P. 7024, FR-97307

Cayenne Cedex, French Guiana. **Armed Forces Network**

10320 via **Pearl Harbor** v/s Robert Winkler. Addr:

Naval Media Center, NDW Anacostia Annex, 2713 Mitscher Road SW, Washington DC 20373-5819. **Radio Fana**

6940 v/s Woldu Yemessel, General Manager. Addr: P.O. Box 30702, Addis Ababa, Ethiopia...via PLAY DX..Sam.

ALBANIA



Radio Tirana



Rede Itatiaia



Rede Itatiaia

station in Vado, New Mexico" picture ltr. in 19 ds. fora report to the Lord's Ranch. (D'Angelo-PA).

We'll end the QSL Column with one that just arrived and save the remaining few for next month.

**EGYPT: Radio Wadi el Nil** 9250 verified my email report with an email \* reply in 11 ds. from the Egyptian Overseas Radio English Program (egyptianoverseas.english@hotmail.com) from Marwan Khattab who thanked me for the reception report, added me to the Listeners' Club Club and who gave my address to the "QSL card department" implying a response would be coming from them as well. Interesting to see

if anything arrives by mail. (D'Angelo).

Voice of America

Washington, D.C. 20547



RECEPTION CONFIRMATION  
VOA EUROPE  
WASHINGTON PRODUCTION CENTER

via Craighead

We are pleased to confirm your reception of our broadcast on:

DATE: 4/17/91

GMT: 8:00

KHZ: 21570

MHZ:

Some very interesting, rare and great QSLs in this months Column.

Be sure to drop me a line if you are interested in any of the items I've collected over the years. Its 3345 items on 154 pages. Till next time...

# 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	R8, R-75, MLB-1, 200' Beverage
Ray BAUERNHUBER, Whitestone, NY	FRG-100B, Eavesdropper T
Jerry BERG, Lexington, MA	R8 19, 41, 90 meter dipoles
Giampiero BERNARDINI, Milano, ITALY	Perseus, T2FD, 15m long
Ralph BRANDI, Middletown, NJ	7030+, Elad FDM77, R8, etón E1 300' longwire
Ross COMEAU, Andover, MA	R8, 60' LW
Rich D'ANGELO, Wyomissing, PA	TenTec R340, Lowe HF-150, DX Sloper
Gerry DEXTER, Lake Geneva, WI	NRD-515, NRD-545, etón E1
Jim EVANS, Germantown, TN	RX340, Drake R8B, 30 m wire
Jim FEDOR, Wells, NV	R-70, 90m longwire antenna
Mark FERRIOLI, Philadelphia, PA	Candle portable, DX160, ATS909, PA-30
Glenn HAUSER, Enid, OK	FRG-7, DX-398, SW-07, ATS-909, YB400 lw
Ron HOWARD, Monterey, CA	NRD545, LW 160', etón E5
Victor JAAR, Longueuil, QUE	Galaxy R530, 30 m wire
William McGuIRE, Cheverly, MD	DX-380
Richard PARKER, Pennsburg, PA	Collins 51S-1, 51-X, R390A, SE3, ant. farm
Sheryl PASZKIEWICZ, Manitowoc, WI	NRD345, AOR LA-350 loop
Jim RONDA, Tulsa, OK	NRD-545, R75, etón E1, Eavesdropper
Mark SCHIEFELBEIN, Springfield, MO	Kenwood R-5000, Wellbrook 330S loop
Jerry STRAWMAN, Des Moines, IA	Perseus, R-8, 313e, 60 mtr dipole, mini whip
Mark TAYLOR, Madison, WI	R-75, Sat 800, EWE, Eavesdropper
Bill TILFORD, Chicago, IL	Sat 800 w/Window antenna
David TURNICK, Reading, PA	NRD-545, 2010, Alpha Delta sloper
Joe WOOD, Gray, TN	DX-390, Grundig Mini 100 PE, whip antenna
Steve ZOLVINSKI, Michigan City, IN	Grundig YB550PE

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WORLD OF RADIO SHORTWAVE BROADCAST SCHEDULE EFFECTIVE MARCH 29, 2008  
All days and times here are strictly UT.

Thu 0530 WRMI 9955  
Thu 1430 WRMI 9955  
Thu 2200 WRMI 9955  
Thu 2330 WBCQ 7415  
Fri 0800 WRMI 9955  
Fri 2030 WWCR1 15825  
Fri 2230 WBCQ 5110-CUSB  
Sat 0800 WRMI 9955  
Sat 1630 WWCR3 12160  
Sun 0230 WWCR3 5070  
Sun 0630 WWCR1 3215  
Sun 0800 WRMI 9955  
Sun 1515 WRMI 9955  
Mon 0300 WBCQ 9330-CLSB [irregular]  
Mon 0415 WBCQ 7415 [time varies]  
Tue 1100 WRMI 9955  
Tue 1530 WRMI 9955  
Wed 1130 WRMI 9955  
Wed 2300 WBCQ 15420-CUSB [NEW]

# Tropical Band Loggings

2000-5900 kHz

Scott Barbour • P. O. Box 893 • Intervale, NH 03845 • srbjrswl@yahoo.com

- 2310 AUSTRALIA *VL8A* Alice Springs 1811 Talks in EE; //2485; 2/23. (Bernardini-Italy)
- 2325 AUSTRALIA *VL8T* Tennant Creek 2110 Reports; fair; 2/23. (Bernardini-Italy) 1205 Stage show type mx in EE; M w/ "This is Radio National" after 1st selection; poor; 2/24. (Taylor-WI)
- 2430h MACEDONIA *R. Skopje* 1814 3 x 810 harmonic; good!; 2/23. (Bernardini-Italy)
- 2485 AUSTRALIA *VL8K* Katherine 1040-1045 Noted w/ orchestral mx & very strong signal while the other two Northern Territory freqs were at threshold level; 2/14; same 2/15 (Wilkner-FL) 1807 Talks; fair; 2/23. (Bernardini-Italy) 1217 Noted here //2325; poor; 2/24. (Taylor-WI)
- 2850 N.KOREA *KCBS* Pyongyang 0430-0435 Carrier audible w/ faint audio; possible W anc; 1/22. (Parker-PA)
- 2960 INDONESIA *RPDT2* Manggarai 1435 (P); M anc taking listeners calls then playing selections of mx; Whitney Houston & similar; 1458 short ancments in unid lang & off the air at 1500; actually decent signal level at local sunrise except for deep fades; could not pull out an ID but matches log in Feb 08 Listener's Notebook/DXLD by Stig Adolfsson; 2/15. (Fedor-NV) Not heard 2/16 but back on 2/17; same signal level as 3578 RSPD Maluku Tengah which also bears watching. (Fedor-NV) [3579 RSPK Ngada per Eibi list-ed.]
- 3172.7v PERU *R. Municipal* Panoa 0920; Off the air 2300; 2/11 & 2/12. (Wilkner-FL) 0930 T/in to M w/ "...escuchando... Radio Municipal..." ID; w/ stronger than usual signal; 2/14. (Wilkner-FL) Heard 1030 & 2353; 2/15. (Wilkner-FL) 3173.36 Off the air for last week to ten days; 3/17. (Wilkner-FL)
- 3200 SWAZILAND *TWR* Manzini 0423-0431 Relg mx & W w/ GG talk; change to EE at 0429 w/ ID by W & relg talk by M; poor; (SINPO 22222); better signal (SINPO 33333) //4775; 3/5. (Evans-TN)
- 3205 PNG *R. West Sepik* Vamino 1235 Island/reggae mx w/ M & W anc in lang b/w tunes; song by a chorus; NA; then after a few moments of dead air the tunes resumed; fair w/lightning QRN; 2/16. (Schiefelbein-MO)
- 3220 ECUADOR *HCJB* Pifo 1057-1100 M anc in Quecha w/ Andean mx; time pips at ToH; apparent ID; fair; 3/9. (Taylor-WI) 0900 Indigenous talk; very strong; 3/17. (Wilkner-FL)
- 3235 BRAZIL *R. Clube* Marilia 0440-0452 (P); In the clear but very faint; M anc; mx w/ high-pitched percussion instruments (bells or xylophone) & M vocal; 1/22. (Parker-PA)
- 3235 PNG *R. West New Britain* 1323 Very weak choral mx & monologue by M; possible church service; p-f; 2/18. (Strawman-IA) 1234-1320 M DJ in (P) Tok Pisin w/ mx & cmnts (often rather lengthy) b/w songs; continuing past 1300; QRM after 1300 from SSB on 3234.5; some sort of a radio net w/ several ops in the Midwest though I couldn't find anything about it by Googling the freq or the one callsign I heard (A7NE??); other freqs w/ mostly weak audio from (P) PNGs noted in a quick bandscan around 1230: 3325, 3345, 3315, 3335, 3385; f-p; 2/28. (Schiefelbein-MO)
- 3249.9 HONDURAS *R. Luz y Vida* San Luis 0345 Low key SS relg talk; a regular visitor here all this week; fair; 2/19. (Ronda-OK) 3249.92 1116-1131 M w/ EE preaching; W w/ SS translation thru BoH; fair; beginning to fade by BoH; 2/12. (Barbour-NH) 3249 0209-0220 M anc in SS over selections of pop; ballads; traditional LA mx & torch songs; canned ID; p-f; 3/15. (Wood-TN) 3250 1117-1125 M & W w/ EE & SS Bible reading; 2/14. (Wilkner-FL) 3250.05 0345-0355\* SS relg mx & talk; closing ID ancments at 0353 followed by NA; poor-weak in noisy conditions; 3/1. (Alexander-PA) 0244-0356\* SS relg prg; ID at 0247 by W followed by soft relg vocals; brief ID at s/off w/carryer cut at 0356; fair; 3/15. (D'Angelo-PA)
- 3255 S. AFRICA *BBC* Meyerton 0432-0435 M w/ EE nx; poor; (SINPO 24222); // 7160-Ascension w/ good signal (SINPO 43333); 3/5. (Evans-TN) 0320-0337 EE World Svc features to ID including one for bbcworldservice.com by W anc before the nx; p-f; 3/14. (D'Angelo-PA)
- 3260 PNG *R. Madang* Madang 0930 T/in w/ popular mx; one mention of "Kilohertz" by hyper anc; 0955 a slow song; 1000 M until mx at 1006; 3204 8; 3315; 3325 & 3335 noted at same time period; 3365 silent & 3290 had same strong signal as on 2/16; good; 2/14. (Wilkner-FL)
- 3279.8 EQUADOR *LV del Napo* Tena 0500-0518 T/in to anthem followed by M & W anc in (P) SS over soft classical mx; excerpts from Catholic Mass w/ priest speaking over loudspeaker & crowd answering in unison; 30-40dB signal in the clear & exc; 1/22. (Parker-PA) 3280 1051 Seemingly a children's prg in SS w/ a younger child talking to W & M; the adults were responding like adults respond to young children; poor; 3/9. (Taylor-WI) 3279 0455-0502 Orchestral mx followed by march & ballad; ID at ToH; fair; 3/19. (Wood-TN)
- 3290 PNG *R. Central* Boroko 1130 Instrumental mx; 1131 M in lang; M & W slow vocal duet till 1134; 1136 brief M; 1140 to 1145 one song; 1145 Island mx; M at 1152; 1159 orchestral mx then lost signal; other 90 meter band PNGs present; this was by far the strongest; 2/14. (Wilkner-FL) 1140-1201\* W anc w/ EZL & light island mx; longer ancment at 1159 to NA & off; poor; 2/24. (Schiefelbein-MO)

- 3315 **PNG R. Manus Lorengau** 1313 Typical island pop tunes w/ M anc between; seemed to be // to 3205; nice clear signal; fair; 2/16. (Schiefelbein-MO) 1330 Apparent church service; fair; 2/18. (Strawman-IA) 1230-1245 (P); Pop mx comments by M in (P) EE; signal very poor; at noise level; 3/5. (Evans-TN)
- 3320 **N. KOREA KCBS Pyongyang** 1250 M w/ an extended dialogue followed by martial orchestral mx; f-p; 2/25. (Schiefelbein-MO)
- 3320 **S. AFRICA R. Sonder Grense** Meyerton 0210-0215 M anc in Afrikaans; very enjoyable slow song w/ violin & guitar; commercial spot; 15-25dB w/ slow QSB but in the clear & perfectly readable; 2/12. (Parker-PA) 0434-0438 Discussion b/w two M in Afrikaans; good (SINPO 34333); 3/5. (Evans-TN) 0221-0230 YL in Afrikaans playing pop mx by the likes of ABBA; fair; 3/15. (Wood-TN)
- 3325 **INDONESIA RRI Palangkaraya** 1238 (P); Sustained vox mx w/ flute & string instrument accompaniment; just one or two brief ancments; seemed to continue through 1300 but was mostly gone in the noise by then; format/mx was quite unlike recent PNG receptions so doubt this was R North Solomons; mostly poor; 3/7. (Schiefelbein-MO)
- 3335 **PNG R. East Sepik Wewak** 1235-1305\* Usual PNG fare of W w/ reggae/island mx & Western EZL tunes; anc audio was heavy on the bass which made it tough to follow her despite relatively good reception; s/off message in Tok Pisin at 1259 ment PNG & several freqs; NA & into relay of Port Moresby at 1301 w/ nx in EE; ad for a car dealer & then tunes for a moment before abruptly off at 1305; f-g; best PNG reception in a while; unfortunately peaking right around s/off; 2/27. (Schiefelbein-MO) 1132-1135 M & W in (P) Tok Pisin w/ short mxical segment; poor; (SINPO 23222); 3/1. (Evans-TN)
- 3340 **HONDURAS HRMI Comayagueta** 0445-0455 W anc in SS having heated argument w/ M caller; M anc in EE w/ ID & web info at 0452; slow mx w/ M vocal; 30dB signal; near armchair copy; 2/19. (Parker-PA) 0916-0936 (P); Non-stop preaching by M in EE w/ W giving translation in SS; weak; 2/20. (Howard-CA) 0240-0317 Soft EZL instrumental mx to 0300 ID by W in SS followed by M w/ relg talks & instrumental mx; poor; 3/11. (D'Angelo-PA) 0503-0543 M preaching in EE w/ W translating phrases into SS; several asides by M & W indicating they had worked together many times; poor; 3/19. (Wood-TN)
- 3345 **S. AFRICA Channel Africa** Meyerton 0352-0413 Lively African vocals w/ drums hosted by M anc w/ EE talk; 5+1 times pips at 0400 followed by M w/ ID followed by another M w/ nx; fair but somewhat noisy conditions; 2/2. (D'Angelo-PA) 0437 Pleasant listening w/ songs in EE; 2/15. (Ronda-OK) 0357-0406 Pips & ID "This is Channel Africa calling from Johannesburg"; fast paced Afropop followed by prg "Hello Africa" in EE; 3/1. (Wood-TN)
- 3350 **COSTA RICA REE Cariari de Pococi** 0219-0238 M & W w/ cultural nx w/ some interviews; mx breaks; external svcs; song; mx break & ID, ancments; fair; 3/15. (Serra-Italy) 0456-0500 SS pop mx & M anc; ID; pips at ToH; usual rockcrusher 90-100dB signal; 2/19. (Parker-PA)
- 3396 **ZIMBABWE ZBC Gweru** 0014 Afropop w/ occasional talk from M anc b/w songs; 4828 also noted w/ better signal but not // (just nonstop mx); mostly poor; 2/16. (Schiefelbein-MO) 0410 Traditional African songs; fair; //4828 f-p; 2/16. (Ronda-OK) 0252-0306 African hilife mx/singing; 0300 usual format for their four minute EE ID; drums for about a minute, "This is the Zimbabwe Broadcasting Corporation, Radio Zimbabwe shortwave"; drums again; repeat of ID; list of cities & freqs; back into vernacular; f-p; 2/21. (Howard-CA) 2340 Songs; not //4828; fair; 2/23. (Bernardini-Italy) 0442-0444 Pop mx in lang; very poor; occasionally peaking above noise level; 3/5. (Evans-TN)
- 3925 **JAPAN R. Nikkei** 1100-1135 JJ talk; lite classical instrumental mx; weak; weaker on // 6055; 2/27. (Alexander-PA)
- 3976 **INDONESIA RRI Pontianak** 1152-1155 Slow pop mx w/ talk by M in Bahasa; poor w/ heavy ARO interference (SINPO 22222); 3/1. (Evans-TN)
- 3985 **CROATIA Hrvatski Radio** Deanovic 0202-0220 M & W anc & various Croatian pop mx selections; 60dB signal dominating the freq & oblivious to ham QRM; 2/4. (Parker-PA) 0340-0346 W & M w/ SS talks; 20dB signal but fully readable; 2/12. (Parker-PA) 2348-0000 Mx prg w/ mostly Western EZL & pops; vg jazz selection also; enormous 70dB signal & hi-fi audio crushing ham QRM; 2/17. (Parker-PA) 3984.85 0300-0315 EE ID ancments & "Croatia Today" nx prg to 0307; Euro pop mx at 0308; weak but readable; much better on //7285-via Germany; 2/25. (Alexander-PA) 3984.86 2315-2330 "Croatia Today" prg in EE w/ nx; sports & wx; IDs & sked at 2321; local pop mx at 2323; very weak; much better on //7285-Germany; 3/2. (Alexander-PA)
- 3985 **IRAN VOIRI Kalamabad** 0005-0010 M & W anc in Farsi; 50dB signal but strong ham QRM; 1/29. (Parker-PA)
- 3995 **INDONESIA RRI Kendari** 1333 (P); Very weak w/ HRO splatter; could distinguish from hams but too little for more details; 2/23. (Strawman-IA)
- 4005 **VATICAN CITY R. Vaticana** 0035-0040 M & W in Italian; prayer chants; weak signal was barely above the static crashes but mostly audible in USB mode; 2/18. (Parker-PA)

- 4052.5 **GUATEMALA R. Verdad** Chiquimula 0010-0015 M ancr in SS w/ relg mx; 60dB & in the clear; 1/29. (Parker-PA) 0424-0512 M w/ SS relg talks; organ mx & choir vocals; ID at 0500 followed by relg prg in EE; p-f; 2/14. (D'Angelo-PA) 0205-0210 M ancr in SS & The Fedti [??-ed.] Bears Picnic; 80dB signal but best in USB; 2/19. (Parker-PA) 0505-0520 M in EE preaching on the Resurrection; many references to the Book of Acts & Hebrews; S7/good; 2/23. (Wood-TN) 1110 "Show Me The Way to go Home" in EE; 3/13. (Wilkner-FL) 4052.4 (or at least a smidgen below 4052.5) 0550 Johnny Cash's "Were You There?"; slow hymn joined by soprano harmonizing (June?); 0553 dead air; 0554 Lord's Prayer in EE; 0555 s/off until 5 AM (1100 UT); "Good night from your speaker (preacher?). Edgar Madrid" then hymn to waltz beat; 0557:30 W SS s/off; 0558 NA by band & choir running several verses to 0602:30 & carrier stayed on a while longer; rated S9+12 on my E-W longwire to FRG-7, or SINPO 35333; modulation was somewhat muffled; fuzzy throat; one should really monitor TGAV & rpt on their real eighth anniversary, Feb 25; 2/20. (Hauser-OK)
- 4111.602n **BOLIVIA R. Virgen de los Remedios** 1030-1040 M in SS; fair strength; per tip by Rogildo F. Aragón-Bolivia; previously on 4545.396 w/ weaker signal; 3/9. (Wilkner-FL) 4111.62 1020-1040 Noted w/ voice UTE interference several days this week; weak; 3/13; 15 & 16. (Wilkner-FL)
- 4330 **CHINA Xinjiang PBS** Urumqi 0131-0134 M ancr in listed Kazakh speaking slowly; difficult to copy due to strong QRM from Israeli Navy CW marker 4XZ; 2/8. (Parker-PA)
- 4450 **N. KOREA KNDF-Pyongyang** 1307 Talk in KK b/w M & child; into operatic songs at 1310; occasional peaks a bit beyond poor; slipping away by 1338 recheck; tnx to Jerry Strawman for the tip on this one; poor; 2/17. (Ronda-OK)
- 4451.2 **BOLIVIA R. Santa Ana** Santa Ana de Yacuma 2330-2345 (P) {per Lucio Otavio Bobrowiec}; Heard w/ M & list of numbers; not freqs or dates; possibly telephone numbers; 2/11. (Wilkner-FL) 1010 Noted w/ fair signal; 2/13; & 1050 2/14; the 4650.2 RSA de Y freq has not been heard in several weeks; the 4451.2 signal is significantly stronger than the signal I was hearing on 4650.2 in January. (Wilkner-FL) 1030 Noted w/ M; fair; 3/16. (Wilkner-FL)
- 4460 **CHINA CNR** 1 Beijing 1316 (T); Talk in Mandarin & Asian mx; nearly gone by 1338 recheck; 2/17. (Ronda-OK) 1205 M speaking in Mandarin; poor; 3/1. (Ronda-OK)
- 4485.9 **PERU R. Frecuencia VH** Celendin 0140-0205 SS mx w/ M & W vocalists; fast-talking M ancr; ID at 0156; 20dB signal suffered from static; SSB & digital QRM; 1/23. (Parker-PA) 0005-0028 SS ancr b/w lite musical selections; poor-weak; 2/13. (Barbour-NH)
- 4500 **CHINA Xinjiang PBS** Urumqi 0210-0215 Traditional CC mx heard; buried in the mud; 1/23. (Parker-PA)
- 4600.235h **UNID** Harmonic which seem to be "a Florida thing"; possibly a C. American harmonic; 3/1. (Wilkner-FL)
- 4604.9 **INDONESIA RRI-Serui Papua** 1324 M in Indonesian reading what seemed to be a list of names; perhaps personals &/or birthday greetings; three ments of Papua at 1326; mx break at 1329 & back to talk that seemed to be a phone conversation; still fair at 1340 recheck; 2/17. (Ronda-OK) 1150-1200 M in Bahasa followed by slow pop mx at 1155; M at 1200 (probably nx); poor signal (SINPO 24222); 3/1. (Evans-TN) 4605 2215 Talks; poor; 2/23. (Bernardini-Italy) 1304 RRI was good on 60m; it helped a lot to tune in an hour earlier than I usually do; 4605 Serui was best at S9+20 w/ warta berita, //4790 FakFak & at 1306 also //4920 Biak when M & W were talking; still in nx; I think; however at 1305 4870 Wamena was in mx not // the others; at 1308 4605 heard mentioning "RRI [pronounced air-air-ee]. . . warta berita"; at 13514605 was still holding up well w/ mx & more flutter than before also 4790 w/ not // mx & CODAR worst there; also at 13514920 was somewhat stronger than 4870; missing was 4750 Makassar even at the earliest 1304 check; there were also some Chinese freqs audible; interspersed; VOI 9526 was missing this date before & after 1400; 3/8. (Hauser-OK)
- 4699.3 **BOLIVIA R. San Miguel** Riberalta 1007-1033 EZL mx at t/in; M in SS at 1012 w/ what appeared to be listener phone calls; W w/ echo effects at 1030 & fanfare bit (ID?); (P) ads thru t/out; f-p; 2/19. (Barbour-NH) 1020-1030 Ments of "plaza de xxxx"; 3/16. (Wilkner-FL)
- 4716.61 **BOLIVIA R. Yura** Yura Usual W talks but under thunderstorm QRN; 3/16. (Wilkner-FL) 4716.69 **BOLIVIA R. Yura** Yura 0120-0139\* Variety of SS pops/ballads; Bolivian mx & SS ancments; s/off w/ Bolivian tune; very weak; 2/25. (Alexander-PA)
- 4732 **BOLIVIA R. Universitaria** Cobja Not heard this one for several days; 2/24. (Wilkner-FL) Nada oír solamente la estación rty; only rty left on this frequency; 3/17. (Wilkner-FL)
- 4754.8 **BRAZIL R. Imaculada Conceição** Campo Grande 0217-0225 M ancr in PP; upbeat song w/ M vocal; 20dB signal only partially readable due to huge static crashes; 1/23. (Parker-PA)
- 4759.97 **LIBERIA ELWA** Monrovia 2220-2303\* EE relg talk; choral mx; contemporary Christian mx; closing EE ancment & NA at 2301; threshold signal at 2220; mproving to a poor but readable quality by 2240; 2/27. (Alexander-PA)
- 4770 **NIGERIA R. Nigeria** Kaduna 0435-0516 Choral singing followed by M w/ prayer in EE; appeared to be a relg prg w/ other choral selections & relg talks; ID at 0500 followed by nx w/ numerous remote rpts; fair; 2/7. (D'Angelo-PA) 0525 Songs in FF w/ an African flavor; good; 2/16. (Ronda-OK) 0607 M in EE reporting on Nigeria politics; f-g; 3/2. (Ronda-OK)

- 4775 **SWAZILAND TWR** Manzini 0340-0405 W ancr in (P) Lomwe; choir hymns; dropped carrier from 0358-0400 then resumed prg in GG; huge 80dB signal; 2/14. (Parker-PA) 0424-0433 W ancr in GG; ID in EE at 0429 followed by EE svc; 40dB signal; perfect copy; 2/21. (Parker-PA) 0407-0416 M w/ GG relg talk & mx ranging from very "High Church" to contemporary Christian; fair; 3/1. (Wood-TN) 0423-0452 GG lang relg prg w/ M ancr talking w/ some choir vocals; ID at 0430 followed by another talk; fair at t/in but deteriorating by t/out; 3/2. (D'Angelo-PA) 0432-0457 M w/ relg talk; preaching in EE; fair until Gabon (4777-ed.) opened it txmitter & blew them away; 3/5. (D'Angelo-PA)
- 4777 **GABON RTV Gabonaise** Moyabi 0523 ID in FF & into sports scores; then lots of Afropop vocals; good; 2/11. (Ronda-OK) 0535-0607 Armchair quality signal for early morning Saturday risers in Gabon; lots of FF patter; IDs & Afropop mx; S9+20/exc; 2/16. (Wood-TN)\*0457-0532 Orchestra NA followed by W ancr at 0458 in FF w/ ID & M ancr w/ freq ancmnts; a M read the nx at 0500 another ID; hilife vocals & talks from 0510; f-g; 3/5. (D'Angelo-PA) 0507 Nx or talk prg w/ M ancr & possible listener ring-ins; good; 3/15. (Wood-TN)
- 4780 **GUATEMALA R. Cultural Coatan** San Sebastian 0005-0010 M ancr n SS w/ reverb effect; ID & song w/ children singing; strong 40dB signal was still troubled by CODAR; 2/7. (Parker-PA) \*1030-1047 S/on w/ SS choral mx; ID ancmnt at 1034; brief M at 1035 followed by ballads & up-beat mx; more M at 1042; back to ballads by t/out; p-f; 2/18. (Barbour-NH) 0145 talks & mx; f-g; 2/29. (Bernardini-Italy) 4779.96 0243-0303 Relg songs; M tlk ment R. Coatan; praye; song; M enhanced ancmnt w/ unclear ID; 0302 end prg & s/off 0303; QRM jamming [most likely CODAR-ed.]; f-p; 3/15. (Serra-Italy)
- 4780 **DJIBOUTI RTD** Djibouti 0304-0330 Audible after Guatemala's R. Coatan s/off on 4779.97 at 0304; Djibouti heard w/ Koran; AA talk at 0311; HoA mx at 0325; poor-weakl w/ CODAR QRM, but improved to a fair level by 0325; 3/1. (Alexander-PA)
- 4790 **INDONESIA RRI Fak Fak** 1415 Another morning I wish I had been tuning earlier; at the late hour of 1415 w/ island mx; also CODAR & SSB QRM; best Indo signal on band; then 4605 w/ diff. mx; 4750 had only a very weak carrier; maybe not Makassar; 2/18. (Hauser-OK) 2100 (T); Talks; poor; 2/23. (Bernardini-Italy)
- 4790.2 **PERU R. Vision** Chiclayo 0155-0158 Loudspeaker preacher in SS; only 20dB on peaks; badly molested by strong CODAR; 2/14. (Parker-PA) 4790.13 0303-0313 Usual SS preacher but w/ a talk rather than preaching before an audience; several ments of "la verdad"; weak but clear w/ 2 CODAR pulses starting at 0312; Ugh; 3/4. (Taylor-WI) 4790.01 0342-0407 (T); M & W in SS; unclear; enhanced tlks; mx breaks; QRM strong jamming; poor; 3/15. (Serra-Italy) 4790.07 0502-0527 M & W tlk; possible sport live; jamming & strong QRM; poor-v.poor; 2/10. (Serra-Italy) 4790 0150 Relg speeches; fair; fading; 2/29. (Bernardini-Italy) 0342-0431 Excited M preacher w/ long SS talk before a "live" audience; prg ended at 0352 followed by studio ancr w/ long talk & multiple IDs; another relg svc at 0402; fair w/ some CODAR QRM; 3/15. (D'Angelo-PA)
- 4796.4 **BOLIVIA R. Mailku** Uyuni 1030-1040 Long talk by M; good; 3/13. (Wilkner-FL)
- 4799.78 **GUATEMALA R. Buenas Nuevas** 0345-0435\* Local mx & SS talk; closing ancmnts w/ IDs at 0433; 0434; fair level but weak CODAR QRM & slight het from (P) Mexico 4800; 2/16. (Alexander-PA) 4799.79 0407-0432\* Relg prgming in local lang; SS ballads & talk; closing SS ID ancmnts at 0429 & 0431 Weak but readable w/ weak CODAR QRM; no het from 4800; 2/22. (Alexander-PA) 0400-0430\* Relg talk in local lang; local relg mx; SS closing ID ancmnts at 0428; p-f w/ weak het from (P) Mexico on 4800; no CODAR for a change!; 3/1. (Alexander-PA) 4799.8 0417-0437\* Nice prg of marimba mx & other Latin stuff hosted by M ancr w/ SS talk & TCs; formal ID at 0433 before canned s/off routine w/ another ID & freq ancmnts; no anthem at closedown; fair signal w/ some CODAR QRM; 2/16. (D'Angelo-PA) 1140 String of IDs; military-style anthem & into morning prg; fair; 2/17. (Ronda-OK) 0209-0214 M & W in SS; jingle w/ ID; rustic song w/ W singer (a little off key); fair w/ CODAR QRM; 2/12. (Taylor - WI) 0314-0319 Vocal (didn't sound specifically relg); SS talk by M (which was relg); fair w/ CODAR pulses; 3/4. (Taylor- WI) 4799.828 0040-0100 ID & R B N w/ nothing on 4800; 2/13. (Wilkner-FL) 4799.98 1139-1146 Ancr w/ SS talk; full ID at 1141; anthem-like mx at 1142; brief ancr at 1145 then silence; stayed on freq to hear imagination level mx at 1150; I can't imagine they would be s/off at 6:00 AM Guatemala time; 2/11. (Barbour-NH) 4800 0050-0055 M in SS; barely above the noise floor but audible in USB; 2/18. (Parker-PA) 0418 LA mx w/ M ancr in SS; fair; 3/1. (Wood-TN)[If 4800.00, it might have been XERTA-Ed. (per FS #318-ed.)]
- 4800 **MEXICO XERTA** 0820-0830 Latin American mx; weak; 2/11. (Wilkner-FL) 0930-1200 Seems absent from 4800 & old freq 4810; 2/20-22. (Wilkner-FL) (T); 1000-1015 Very weak signal w/ LA mx; 2/29. (Wilkner-FL) 0435-0527 Mostly SS talk; some songs; sounded like a radio drama; weakw/ CODAR QRM; parallel to their audio streaming <http://www.xertaradio.com/transmission.htm>, still heard at 0909; 3/1. (Howard-CA) Silent last week; 3/17. (Wilkner-FL)
- 4810 **INDIA AIR** Bhopal 0048 Indian mx; good; 2/24. (Bernardini-Italy)

- 4815 **BRAZIL R. Difusora** Londrina 0205-0213 Slow mx & canned bits by M & W in PP; 10dB signal in the clear & perfectly audible on USB but LSB & AM destroyed by 40dB jammer; 2/14. (Parker-PA)
- 4815 **ECUADOR R. El Buen Pastor** 0257-0302 Noted w/ M ancr in SS & eventually ID & closedown ancments; off w/out an anthem; fair; 2/2. (D'Angelo-PA)
- 4820 **TIBET Xizang PBS** Lhasa 2355 A string of promos/commercials; including one that sounded like it was voiced by a child; ID amid dramatic theme at 0000 & into (P) nxcast w/ M & W ancrcs & correspondent reports; poor at t/in; building to fair under CODAR & a bit of adjacent-channel SSB; 2/14. (Schieffelbein-MO) 0008 (P); M & W in Mandarin; into modern Asian-style mx at 0010; I checked the //4920 & found a similar prg but not in Mandarin; what is listed at this time is Tibetan; this kind of prgrming fits with what I heard from Lhasa while in the UK; poor; 2/15. (Ronda-OK)
- 4824.99 **BRAZIL UNID** 2244-2326 M in PT w/ soccer live; "gooooooooooooooooo !!!"; splats [CODAR?-ed.]; poor-v.poor; 3/8. (Serra-Italy)
- 4828 **ZIMBABWE ZBC** Gweru 0322-0420 Prg of continuous hilife mx w/ numerous short txmission breaks; fair signal but moderate CODAR QRM; 2/16. (D'Angelo-PA) 0220-0225 Steel drum hilife mx; 20dB signal best in USB; would have been excellent w/out CODAR; 2/19. (Parker-PA) 0335 Listenable group singing; f-g; 2/19. (Ronda-OK) 0307-0317 Soul/gospel singing in vern; fair; not //3396; 2/21. (Howard-CA) 0243-0510 Prg of continuous light pop vocals which seems to be their mode of operation during this time period; p-f w/ some CODAR slop; 2/23. (D'Angelo-PA) 2342 Songs; not in //3396; fair; 2/23. (Bernardini-Italy) 0040 (P); Choir w/ relg song; contemporary mx; all segued w/ no ancments; fair; 2/24. (Taylor-WI) 1800-1835 Continuous local choir chants; p-f; 3/15. (Serra-Italy)
- 4834.9 **PERU R. Maranon** Jaen 0220-0300\* Mostly slow SS pops & variety of lively canned IDs; M & W ancrcs w/ Buenos Noches at 0259 & off at 0300; 60dB signal peaks & decent audio; 2/14. (Parker-PA)
- 4835 **AUSTRALIA VL8A** Alice Springs 2130 //4910; good; 2/23. (Bernardini-Italy)
- 4835 **INDIA AIR Gangtok** 0050 Indian mx; fair; 2/24. (Bernardini-Italy)
- 4835 **PAKISTAN PBC API-4** Islamabad 1741 Rpts in EE; good; 2/23. (Bernardini-Italy)
- 4840 **INDIA AIR Murabai** 0235-0240 (P); Carrier w/ just a trace of audio on an otherwise clear freq; 2/18. (Parker-PA)
- 4845.2 **BRAZIL R. Cultura Ondas Tropicais** Manaus 0015-0023 PP pop mx; 20dB signal in the clear & perfectly readable; 2/7. (Parker-PA) 4845.24 0145-0208\* Romantic songs; M tlk & ancments; ID; anthem; end prg at 0207 then s/off at 0208; p-f; 2/16. (Serra-Italy)
- 4845 **MAURITANIA R. Mauritaine** Nouakchott 2325-0004 N. African-style folk mx w/ string instruments & emotional vocals; talk by M's in AA w/ ments of America; Iraq & Iran noted; after ToH took listener phone calls; good; 2/17. (Comeau-MA) 2335-2345 M talks in AA; full quieting 90dB signal; 2/17. (Parker-PA) Same incredibly strong sig w/ Mauritanie ID at 0101 recheck; 2/18. (Parker-PA) 0025 Chanting (probably Qu'ran) then talk by M in AA (maybe explanation of the sura?); weak but clear; 2/27. (Taylor-WI) 0632 Barely audible w/ M mixing FF & AA; the prgrming sounded like prayers; poor; 3/1. (Wood-TN) 2335 AA chanting; weak; 3/12. (Bauernhuber-NY)
- 4845.2 **BRAZIL R. Cultural Ondas Tropicais** 1046 Songs in PP; poor; 2/19. (Ronda-OK) 0130 Brazil pops; p-f at peaks w/ some interference from data bursts; 2/23. (Strawman-IA) 0115 Songs; poor; 2/24. (Bernardini-Italy)
- 4857.421 **PERU R. La Hora** Cusco 2320 Good signal; does not seem to be b/cing during 0900-1200; 3/1. (Wilkner-FL)
- 4865 **BRAZIL R. Alvorada** Londrina 0305-0328 M w/ PP relg talk & call-ins; very beautiful mx bridges w/ W vocal; 60dB & in the clear; sounded like a local; 2/13. (Parker-PA)
- 4865 **BRAZIL R. Missoes da Amazonia** 1105 Talk in PP; still audible at 1114 recheck; p-f; 2/19. (Ronda-OK)
- 4880 **INDIA AIR Lucknow** 1739 Indian mx; QRM co-ch. SW Africa-Meyerton; 2/24. (Bernardini-Italy)
- 4885 **BRAZIL R. Clube do Para** Belem 0102-0110 (P) sports event coverage w/ two M ancrcs in PP; one speaking extremely fast like an auctioneer or horse track ancr; canned reverb W; sig unusually weak this night; only peaking 20dB but in the clear w/ no QRM; 2/7. (Parker-PA) 4885.01 0413-0507 Romantic pop songs w/ M in PP ment. madrugada; IDs & freqs at 0458 ment. Belem; QRM & jamming; p-f; 2/9. (Serra-Italy) 0135 Song; M w/ tlk; IDs; freq ancment w/reverb; phone calls; fair; 2/16. (Serra-Italy) 2203-2233 M & W w/ PP tlk w/ some mx breaks; ancments w/ reverb; poss.ID; poor; 3/6. (Serra-Italy) 0505-0531 Pop songs w/ M DJ; ment la madrugada; IDs & freqs at 0530; p-f; 3/7. (Serra-Italy) 0345-0400 IDs; ancments; SS & EE pop songs w/ M DJ; tlk w/ good audio; f-g; 3/8. (Serra-Italy)
- 4885 **BRAZIL R. Difusora Acreana** Rio Branco 0050-0110 M w/ contemporary PP vocals; Difusora network ID at ToH; same M w/ contemp. Brazilian mx after ToH; // 4915 R. Difusora Macapa until 0100 ID; different prgrming after; f-p; 2/24. (Taylor-WI)

- 4905 **CHAD RNT**N'djamena \*0425-0506 Open carrier until orchestra NA at 0428; M ancw/ ID & opening ancments in FF; mx prg from 0432 until 0500 ID followed by the nx; fair; 2/14. (D'Angelo-PA) 0634 Singing & talking in AA?; unseemed FF; CODAR QRM; f/out should be getting a bit earlier as solstice approaches; 2/14. (Hauser-OK) 0516-0532 M in FF w/ long discourse on what sounded like a local night spot; slow tempo Afropop; nx at BoH w/ talk of the recent unpleasantness in Chad; S9/good; 2/16. (Wood-TN) 0608 Still having problems; fairly good carrier but talk barely modulated; 2/20. (Hauser-OK) 1750 Talks in vern; good; 2/23. (Bernardini-Italy) \*0431-0450 NA & ID by M in FF; ments of upcoming prgring; many "Bon Matins" & into Afropop; fair; 3/1. (Wood-TN) 0435-0451 (P); Fast paced DJ FF patter mixed w/ Afropop; vg; 3/15. (Wood-TN) 4904.96 2125-2130 Afropop M in FF w/ ID ancment; anthem then prg end at 2130; fair; 3/12. (Serra-Italy) 0444-0500 Afropop presented by M DJ w/ laughs; f-g; 3/13. (Serra-Italy) 4904.9 0450 M speaking in FF; into lively songs; 2/29. (Ronda-OK) 4904.97 2131-2132\* Just caught end of txmission s/off w/ NA; good; 2/16. (Alexander-PA) \*0430-0445 S/on w/ NA; FF opening ancments; local tribal mx; Afropop mx; fair; 2/17. (Alexander-PA) \*0429-0435 S/on w/ NA; talk; strong carrier but very weak modulation; barely audible; much better signal at 0532 check; 2/22. (Alexander-PA) 2100-2131\* FF talk & Afropop mx; s/off w NA; f-g signal; 2/22. (Alexander-PA) \*0429-0450 S/on w/ 10 seconds of NA; 50 seconds of silence & opening FF ancments at 0430; local Afropop mx; FF talk; fair; 2/29. (Alexander-PA)
- 4910 **AUSTRALIA VLST** Tennant Creek 2130 //4835; good; 2/23. (Bernardini-Italy)
- 4910 **INDIA AIR Jaipur** 1737 Talks; good; 2/23. (Bernardini-Italy)
- 4915 **BRAZIL R. CBN Anhanguera** Goiania 0352-0419 Brazilian pop mx w/ many call-ins; sweeper QRM; S7/p-f; 2/23. (Wood-TN)
- 4915 **BRAZIL R. Difusora** Macapa 0315-0320 Usual PP M ancw/ reverb & EZL mx; PP version of "I Never Promised you a Rose Garden"; 60dB sig still challenged occasionally by strong CODAR; 1/22. (Parker-PA) 0053-0110 M w/ contemporary PP vocals; Difusora network ID at ToH; M talking thereafter; //4885 R.Difusora Acreana until 0100 ID; prgring differed thereafter; f-p; 2/24. (Taylor-WI) 4914.96 0534-0600 LA songs w/ M DJ; M w/ PP tlk w/ mike on mouth; unclear ID & freq at 0557; ancments; distorted audio; QSB; p-f; 3/7. (Serra-Italy) 0501-0517 LA songs; M w/ enhanced talk w/ mx breaks (ment. Macapa); ancments; QRN statics; QRM splats; f-p; 3/13. (Serra-Italy) 0404-0434 M tlk ment. Macapa; LA songs; ancments; clear ID at 0418 "Radio Difusora.....Brasil!" jingle; freq & ID at 0428; 0432 & 0433 "Radio Diusura de Macapa"; from 0413 sporadic QRM CW; QRN statics; fair; 3/14. (Serra-Italy)
- 4915 **USA WWCW** Nashville 2320-2345 Mixture of WWCW #4 & #3 streams in EE; "Scriptures for America" under a survivalist prg; overall signal was good although listening to two prgs was distracting; fundamental 9985-WWCW #4; poor; fundamental 5070-WWCW #3; v-g; 3/8. (Taylor-WI)
- 4920 **INDIA AIR Chennai** 0105-0120 W w/ Hindi talks & flute bridges; 20dB signal only slightly above CODAR peaks but plainly audible; 2/18. (Parker-PA) 1734 AIR Chennai Audible under co-ch. Xizang PBS-Lhasa; poor; 2/23. (Bernardini-Italy)
- 4920 **INDONESIA RRI Biak** 1356 (P); Western pop ballad so presumed to be Biak; faded before ToH; first ever reception here; poor; 2/18. (Strawman-IA)
- 4930 **BOTSWANA VOA** Moepeng Hill 0340-0348 EE news; 50dB signal would have been armchair copy except for 90dB CODAR pulses; 1/22. (Parker-PA) 0350-0358 EE news followed by classical strings; signal only 30dB but overcoming CODAR nicely; 1/29. (Parker-PA) 1733 Nx in EE; good; 2/23. (Bernardini-Italy) 0422-0430 ID & EE talk of US primary elections; fair; //4960-Sao Tome poor; 3/1. (Wood-TN)
- 4935 **BRAZIL R. Capixaba** Vitoria 0315-0320 M in PP giving impassioned speech; possibly evangelist preacher; 20dB signal in the clear; perfect copy; 2/19. (Parker-PA) 4934.98 2117-2132 (P); M talk w/ emphasis; strong QRN; poor-v.poor; 3/7. (Serra-Italy)
- 4950 **ANGOLA R. Nacional** Mulenvos 0400-0412 M anc in PP w/ pips & news in EE at ToH; 15dB signal in the clear; fair; 1/29. (Parker-PA) 0220-05000 Mostly mx ranging from Afropop to EZL; time pips; ID; (P) nx in PP on the hour; still audible as late as 0600; f-g at peak; 2/14. (Schieffelbein-MO) 0420-0434 Monologue by M w/ tribal drums in background; Afropops; S5/fair; 2/23. (Wood-TN) 0325-0353 Pop songs; no lack of "Radio Nacional de Angola" IDs; mostly fair; briefly good; still fair at 0447 w/ hilife mx. 3/8. (Howard-CA)
- 4950 **INDIA AIR Srinagar** 1732 EE nx; good; 2/23. (Bernardini-Italy)
- 4950 **PERU R. Madre de Dios** Puerto Maldonado 0240-0254 (P); W & M ancws in SS w/ slow rlg songs; 15dB signal well above the noise floor; good; 2/18. (Parker-PA)
- 4954.99 **PERU R. Cultural** Amauta 0120-0129\* (P); Songs; W talk then s/off at 0129; poor-v.poor; 2/16. (Serra-Italy)
- 4960 **SÃO TOME VOA** Pinheira 0421-0426 Prg in EE focusing on how most first generation US citizens vote Democrat & how a significant proportion of their children & grandchildren vote Republican; S7/good; 2/23. (Wood-TN)

- 4965 **ZAMBIA CVC-Voice Africa** 0026 Contemporary EE gospel mx; chorus ID jingle as "Radio Christian Voice" b/w songs; good aside from CODAR; 2/16. (Schieffelbein-MO) 0330-0335 M anc in EE speaking about Jesus & reading Scripture pertaining to the last days; signal only 15dB but in the clear w/ excellent audio; 2/19. (Parker-PA) 2330 Relg songs; good in LSB; 2/23. (Bernardini-Italy) 0310-0341 Prg of easy pop vocals followed by M w/ relg talk in EE; ID at 0332 followed by nx; p-f; 3/15. (D'Angelo-PA)
- 4974.7 **PERU R. del Pacifico** Lima 0350-0405 (P) M preacher in SS giving impassioned speech; mx bridges w/ W vocal & ID at 0402 by M anc w/ reverb; signal 10dB but in the clear; audio was extremely loud; perfect copy; 2/19. (Parker-PA) 0202-0212 Slow pops in (P) SS; M anc w/ ID at 0204 followed by W talks; 15dB signal was only slightly above the crud but quite readable in USB w/ notch filter; 2/21. (Parker-PA)
- 4976 **UGANDA R. Uganda** Kampala 0418-0430 Mx followed by nx read by W in EE; weak signal w/ very heavy CODAR interference; first log of Uganda this year; normally only the hint of a carrier on this frequency; 2/14. (Evans-TN) 4975.96 2033-2105 Mx prg w/ M in EE w/ Afropop; EE disco & pop songs; ancments; IDs as UBC at 2042 & 2053; prg preview; pop song; end prg at 2104 then carrier only; fair; 3/9. (Serra-Italy)
- 4985 **BRAZIL R. Brasil Central** Goiania 0250-0320 Evangelical prg w/ relg mx & two M ancres; one in EE; the other in PP; PP ID at 0332; outstanding 60dB signal; 2/7. (Parker-PA) 0225-0235 M anc in PP and rancho-type mx; same rockcrushing 60dB signal; 2/18. (Parker-PA) 0225 Relg talks & mx; fair; 2/20. (Bernardini-Italy) 0442-0506 M w/ PP talk; ancments ment. Brasil; romantic songs; M & W w/ nx w/ ID; freq ancments; QRN; p-f; 2/14. (Serra-Italy) 2121-2138 M & W w/ talk; ancments w/ reverb; mx break; no ID heard; QRN; poor-v.poor; 3/6. (Serra-Italy) 0309-0333 Pop songs w/ M DJ; M singer w/ PP version of song "L appuntamento" by the famous IT singer Ornella Vanoni; clear IDs; fair; 3/9. (Serra-Italy)
- 4990 **SURINAME R. Apintie** Paramabiro 0410-0415 (P); Very weak but could hear traces of slow pop song w/ W vocal; 2/18. (Parker-PA)
- 4991.1 **PERU R. Manantial** Huancayo 1004-1013 (P); Ancr w/ SS talk until signal lost at 1013 under increased band noise; since this station was first rpted, all I've ever heard here is a huge carrier rubbing up against 4990-Suriname; poor; 2/14. (Barbour-NH) 4991.226 2330 Noted w/ drifting signal; 3/1. (Wilkner-FL)
- 5000 **CHINA BPM** Xian 2200 ID in CC; good; 2/23. (Bernardini-Italy)
- 5000 **HAWAII WWVH** 0645 Monitoring I found that WWVH was on top; then WWV; then barely audible SS; no doubt YVTO; instead of propagation info at :45 from WWVH all I heard was 3 seconds of tone & then only ticks until the next ID cycle before 0646; 2/15. (Hauser-OK)
- 5000 **VENEZUELA YV70** 0220 Pips & IDs; fair; 2/20. (Bernardini-Italy)
- 5005.9 **PERU R. LTC** Juliaca Reject my previous (T) log of this; per Dan Sheedy "makes me wonder about Nepal off-freq". I would agree as no rpts of the OA station in quite a while; tnx Dan! (Wilkner-FL)
- 5009.732rf **DOMINICAN REPUBLIC R. Pueblo** 2330-0000; Dominican mx; vocals; clear SS M ID as "capital de la Republica Dominicana....Radio Pueblo.. [call letters] band de .....metros" at 0000; off at 0002; 3/20. (Wilkner-FL)
- 5010 **INDIA AIR Thirumananthapuram** 1730 EE nx; good; 2/23. (Bernardini-Italy)
- 5010 **MADAGASCAR RTV Malagasy** 0228-0315 In FF & lang w/ Afropop & M anc; 0250 talk by M; 0258 sequence of ancments & IDs, talk by W; 0310 EE cover of Beatles song; 0312 ID & ad or ancment w/ people "quacking"; reduced carrier USB signal (audible on AM; nothing on LSB); f-p; 2/15. (Taylor-WI) 0303 Lively conversation b/w M & W; occasional mx selections; two IDs at 0316; sometimes peaking to good but beginning to fade by 0335; 2/15. (Ronda-OK) 2140-0200 Variety of Afro-pop; local pop mx; many different styles of mx; Malagasy talk; possible relg prg at 2303; suppressed carrier USB; weak at t/in but improved to a good level by 2200; on all night again; 2/16. (Alexander-PA) 0202-0220 T/in to choral NA; Malagasy talk at 0204; instrumental & local mx; good; reduced carrier USB; 2/22. (Alexander-PA) 0206 W anc in Malagasy w/ contemporary mx; some in FF & EE; 0207 ID; LSB suppressed signal; this has been a fairly regular visitor recently; fair; 2/22. (Taylor-WI) 1755 Talks; modulation in USB only; 2/23. (Bernardini-Italy) 2215-2310 Running late again w/ lite pop mx; ballads; local pop mx; Malagasy talk; f-g; reduced carrier USB; 3/5. (Alexander-PA) 2050-2112 Afropops; two M talks; jingle; R. Madagascar ID; & other ments Madagascar; romantic songs; fair; 3/6. (Serra-Italy) Familiar whistling theme song before talk segment w/ M speaking in Malagasy; mix of local vocals 7 talks until nice series of promo ancments & several IDs at 0326; nx at 0332; f-g; (D'Angelo-PA)
- 5014.423 **PERU R. Altura** Cerro de Pasco 2320-2338 T/in w/ M locator; "...kilohertz (laser sound).... Radio Altura..en .....Peru.....todovia ..." into long series of flauta andina songs w/ no ancment between; narrow filter to avoid Cuba on 5025; strong signal!; this station is seldom on the air; 3/1. (Wilkner-FL) Nice catch! Last time I logged them was 11/07 (ed.)

- 5025 **AUSTRALIA VL8K** Katherine 2135-2147 M & W w/ EE nx; song; talk w/ many ments Australia; QRN statics; p-f; 3/12. (Serra-Italy)
- 5025 **CUBA R. Rebelde** Havana 0422-0440 "Esta escuchando Radio Rebelde"; M w/ sport live ment. Havana Cuba; mx break & ancment; IDs at 0436; talk; QRN; fair; 2/10. (Serra-Italy) 0302-0310 M anc & pops in SS; usual 90dB flamethrower signal; 2/18. (Parker-PA)
- 5030 **BURKINA FASO R. Burkina** Ouagadougou 2302 Two M in FF w/ lively conversation in-studio; R Rebelde was initially missing on 5025 allowing nice QRM free reception; but came back a few moments later at 2307; f-g otherwise; 2/15. (Schiefelbein-MO) 2304 Distinctive African drumming & singing; fair; 2/23. (Ronda-OK) 2330-0002\* Afropop music; FF talk; s/off w/ NA; vg; 2/23. (Alexander-PA) 2357-0001M anc in FF w/ call-in; mellow pop; off mid song at 0000; carrier off 0001; fair; 3/8. (Taylor-WI)
- 5034.98 **BRAZIL R. Aparecida** 0315-0346 M w/ PP talk; possible ID w/ jingle; song; M w/ clear ID; M & W w/ talk; jingle; relig song; poor; 2/9. (Serra-Italy)
- 5039.3 **PERU R. Libertad** Junin 1036-1050 (P); SS mx & talk noted; poor under band noise; 2/12. (Barbour-NH) 1055-1108 (P); Quecha-like mx followed by (P) SS ad string at 1059; mx resumes at 1105; o discernible ID noted; poor-weak under band noise; 2/18. (Barbour-NH) 5039.21 1045 Txmitter on for about ten seconds; problems; 3/6. (Wilkner-FL) Return to regular strength next day & all days since; 3/7. (Wilkner-FL)
- 5050 **CHINA Guangxi FBS** 1133-1146 EZL Asian songs in Vietnamese; weak; no sign of co-ch. VOS; // 9820 (which was slightly better than CNR-2/CBR); 3/7. (Howard-CA)
- 5050 **CHINA Voice of the Strait** Fuzhou 1305-1317 Heard (P) VOS (scheduled for Mandarin) & (P) Guangxi FBS (scheduled for Cantonese) mixing together at about equal strength; mostly talking; checked VOS for possible //7280 but nothing there; clearly not // to VOS heard on 4900 w/ fair sig; checked Guangxi FBS for their usual //9820 but only heard a weak CNR-2/CBR (w/ "English Evening", scheduled for 1300-1400); fairly rare for me to hear VOS at this level; usually it's just Guangxi FBS; interesting reception conditions; trx for the heads up by Jerry Lenamon; 2/29. (Howard-CA)
- 5050 **USA WWRB** 2259 Just how early does WWRB start its big band prelude on 5050?; per FCC & HFCC B07, 5050 is available to WWRB only from 0000-0500; there have been rpts of it from before 2330 but I found it already going at 2259 t/in; lots of familiar tunes including American Patrol (jazzed up) at 2308; vg signal; checked other WWRB freqs & found 6890 // 9385 w/ hymn; presumably the Brother Scare svc; breaking for Dave Frantz lofi ID at ToH; which I never heard; nor any other ancment; on 5050; 3/6. (Hauser-OK)
- 5111.2 **USA WBCQ** Monticello 2310 Mx & talks; fair; 2/23. (Bernardini-Italy) 5111v 2330 As feared WORLD OF RADIO was missing from Area 51 WBCQ 5111v at its usual Friday 2330 time ; did not check until 2355 but did not hear any modulation on the reduced carrier w/ USB; webcast was playing mx; nor has the March 7+ Area 51 sked been posted on WBCQ Forums; another casualty I suppose of the Winter SWL Fest; let's hope things are back to normal from March 14 when; however; we assume everything will be one UT hour earlier due to silly daylight shifting time; thus WOR Fridays at 2230; immediately losing an hour of nighttime prop in addition to the gradually latering sunsets; 3/7. (Hauser-OK)
- 5446.5U **USA AFRTS** Key West 2232 Rpts; good; 2/23. (Bernardini-Italy)
- 5460.1v **PERU R. Bolivar** Bolivar Heard on 2/14 & several days since w/ txmitter drifting wildly; 2/24. (Wilkner-FL)
- 5745 **USA RTI** Okeechobee 0501-0514 In FF w/ traditional CC mx & 50dB signal; abruptly changed to WYFR in RR at 0510 w/ W anc & I00dB signal at 0510; 2/19. (Parker-PA)
- 5770 **BURMA Myanmar Defense Forces BC** Taunggyi 1517-1529\* (P); Asian pop song; brief s/off ancment in lang; indigenous instrumental mx played for about 5 seconds at s/off; fair; weak; 2/18. (Howard-CA) 1517-1529\* Noted again w/ same format as heard on Feb 18; 2/23. (Howard-CA)
- 5815 **DENMARK R. Spaceshuttle** via WMR 2249-2254 ID at t/in followed by EE pop mx & M anc; poor; very noisy conditions; 2/17. (Barbour-NH)
- 5850 **USA WHRI** 2307 Heard a prg ending at this strange time giving 1-800-YESHUA1 phone number; address in Lodi (with a long I) New Jersey; 2308 WHR ID; also caught my attention because the S-meter was fluxuating slightly with modulation; so reduced carrier? Seems unlikely; maybe just a selective fading fluke' later looked up on sked & it's WHRA w/: 2305-2308 M-F "Nice Jewish Boy Jonathan Cahn" 5850 MHz; BTW the WHR website <http://www.whr.org> has a new look but the basic navigation around the skeds seems to be the same; 2/22. (Hauser-OK)
- 5875 **UNITED KINGDOM BBC** Rampisham 0420 Prg in RR; fair; 2/18. (Ronda-OK) 0525-0540 W anc in EE w/ story re Ivory Coast women who seek to increase the size of their buttocks through the use of spurious Big Bottom injections (ROFL!); enormous 90dB signal; 2/19. (Parker-PA) ~~SM~~

# International Band Loggings

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- 5930 **CZECH REPUBLIC R Prague** in EG 2330, IS, ID, fqy, sked, national nx, f (McGuire MD 2/26)
- 5954nf? **COSTA RICA ELCOR Transmitter** in SP/EG 2310-2327\*, SP mx, pop instrumental and Alanis Morissette tune, xmsn abruptly terminated at songs end, fair w/AC splatter (Barbour NH 3/11) xmtr test with nondescript mx amid heavy QRM, gone at 2336 recheck (Hauser OK 2/16)
- 5980 **MOROCCO RTVM** in AR 0333, round-table discussion, ad string, AR pop mx w/touch-tone effects and phone #, fanfare at 0358, crushed at 0359 by R Nederland s/on, f-g (Barbour NH 3/12)
- 5995 **MALI RTVM** Bamako in FR/AR 0556-0630, guitar IS, NA, ID, Koran at 0600, local mx, into AR talk, fair w/ some splatter from Cuba on 6000, recheck at 0800\* w/ID (Alexander PA 3/7, Barbour 3/7)
- 6005 **ASCENSION ISLAND BBC** relay in EG 0412, "The World Today" w/rpts about Democratic Party debate, Premier League, and upcoming Olympics in Beijing, ID, promos, nx, f (D'Angelo PA 3/22)
- 6010 **CHILE R Parinacota** Putre in SP 0703-0735, OM w/long talk, several ments of Chile and Santiago, ID at 0743, piano mx, more talks, armchair quality w/ ECSS/LSB filter (Parker PA 2/19) Only 1 kw!
- 6020 **AUSTRALIA RA** in EG 1323-1355, interesting discussion on religion w/author Val Webb, mx breaks included Pilgrims' Chorus from Tannhauser and Do You Hear the People Sing from Les Mis, fair reception tho buzzy station barely heard underneath, Vietnam? (Hauser OK 3/16)
- 60396 **BRAZIL R Clube Paranaense** Curitiba in PT 0707, ancmts, US/PT pops, ID, p-f (Alexander PA 3/7)
- 6055 **LITHUANIA The Mighty KBC** via Sitkunai in EG \*2200, pop mx, IDs, jingles, ads for KBC imports, p-f in noisy conditions, best in ECSS-USB to avoid splatter from 6050 (Alexander PA 3/5)
- 6055 **JAPAN R Nikkei** Tokyo in JP 0852, "Let's Read the Nikkei Weekly" w/series of EG phrases, feature sponsored by the Society for Testing English Proficiency, Inc, g, //3925, 9595 (Howard CA 3/1)
- 6080 **SAO TOME VOA** relay in EG \*2100, ID, talk re resignation of NY governor (Bauernhuber NY 3/12)
- 6115 **MOROCCO R Farda** relay in Farsi 0153, nice pgm of ME mx, ID ToH, more mx (D'Angelo PA 3/2) in Farsi \*0030, ID, news read by OM, Middle East mx, g (Bauernhuber NY 3/14)
- 6120 **SOUTH AFRICA Channel Africa** in SH 0321-0400\*, African songs, s/off w/loop of EG and FR ID's along w/instrumental IS and bird calls, pips, unusually good reception (Howard CA 3/5)
- 6160 **CANADA CKZU** relay of MW CBU in EG 1312, interview, local weather and lots of references to local events in the Vancouver area, poor (Ronda OK 3/15) ED: Xmtr puts out only 500 watts.
- 6160 **SOUTH AFRICA Channel Africa** in EG 0713, heavily accented OM ancr w/news about Africa, sports news and hi-life mx, ID and "Africa Rise and Shine", powerhouse signal (Parker PA 2/20)
- 6240 **PRIDNESTROVYE Radio PMR** relay via Kishinev in EG \*1800, ID, ancmts, news about Moldova, talk about local history, contact info, into FR 1815, p-f (Alexander PA 3/3)
- 6240 **PRIDNESTROVYE WYFR Family Radio** relay via Kishinev in EG 2015, "Family Bible Reading Fellowship" w/OM reading Scripture, fair w/mild fades (Barbour NH 3/18)
- 6280 **ISRAEL Israel Radio** Tel Aviv in FR 0450, end of FR service w/soff ancmts, fqys, skeds, and addresses, into HB service 0505, g (Wood TN 3/15)
- 7110 **ETHIOPIA R Ethiopia** Addis Ababa in Vernacular 2036-2102\*, continuous HoA mx until ancr comes on at 2054, techno mx bits, s/off ancmts and NA at 2102, f-g (Barbour NH 3/18)
- 7125 **MOLDOVA VOR** relay via Kishinev in RS 0245, RS pop mx, ID, nx, g, //7150 (Bauernhuber NY 3/7)
- 7115 **BOSNIA HERZGOVINA/SERBIA International Radio Service of Serbia** Bijelina in EG 0105, local and int'l nx, ID, cmntry on Kosovo independence, mx, IS and into Serbian 0130, f (Taylor WI 2/23) in EG 0214-0229\*, nx re Serbian politics, feature on historic hotel in Belgrade, folk orch festival w/sels played from the R Belgrade archives, contact info, IS at s/off, f-g (Barbour NH 3/13) in Serbian 0031, ID, frequency, schedule, mainly international news, g (McGuire MD 2/14)
- 7120 **SOUTH AFRICA BBC** relay via Meyerton in EG 0414-0516, "The World Today" followed by the regional BBC "Network Africa" at 0430 to 0500, vg, //7160 barely audible (Zolvinski IN 2/27)
- 7130 **MALAYSIA Sarawak FM** relay via RTM Kuching in Bidayuh 1147-1214, YL DJ playing pop songs, singing station jingle, into Islamic programming 1200, Qur'an recitals, f-p (Howard CA 3/7)
- 7160 **IRAN VOIRI** Sirjan in EG 0143, OM w/talk on the peaceful nature of Iran's nuclear pgm, mentions of US presidential primaries and the shootings at Northern Illinois University, f (Wood TN 2/16)
- 7200 **SUDAN Republic of Sudan Radio** in AR 0503, ID, fqy, news, ME pop mx, g (Wood TN 3/8)
- 7250 **BANGLADESH Bangladesh Betar** Kabirpur in EG \*1228, IS, local mx, ID ancmts at 1230, weak modulation and thunderstorm static made signal too poor to catch further details (Alexander PA 3/7)
- 7270 **INDIA AIR** Chennai w/FM Gold program in EG/HD 0300, OM in EG talking about charity and compassion, singing in HD and into HD programming at 0315, f-g (Bauernhuber NY 3/7)

- 7285 **GERMANY Croatian Radio** relay via Wertachtel in CR \*2300, pips, ID, regional nx, rpt on Kosovo, g (McGuire MD 2/26) in CR 0320, nice pop mx, ID 0330, news, g (Bauernhuber NY 3/7)
- 7295 **MALAYSIA Traxx FM** via RTM Kajang in EG 1623-1703, DJ playing rap/pop/rock/disco songs, frequent general election results, pips 1700, more election news (Howard CA 3/8)
- 7320 **IRAN VOIRI** Sirjan in EG 1934-2030\*, Koran, news, lite instrum'l mx, news features, talk about US politics, ID, poor in noise, //11695 very weak, 6010 threshold signal (Alexander PA 2/13)
- 7320 **RUSSIA R Rossii** via Magadan in RS 0815, songs in EG, IDs, bad case of clipped audio (like listening to a station w/the hiccups), f-g, //5935 also Magadan (Howard CA 3/7)
- 7325 **PAPUA NEW GUINEA Wantok Radio Light** via Port Moresby in EG 1225, preaching by OM in accented EG, mx bridge which abruptly ended in mid-song at 1229 w/xmtr cutoff and up popped another station likely IBRA via Novosibirsk, Russia (Strawman IA, Taylor WI, Ronda OK all on 3/15)
- 7345 **CHINA CNR-1** Beijing in CH 1126, ad string, ID 1130, news, p-f w/ECCS-LSB (Barbour NH 3/18)
- 7350 **VATICAN CITY V of Russia** relay in EG 0530, YL/OM w/short news/actuality stories, weak but clear 7360 Vatican Radio in PT from the same site at the same time also weak but clear (Taylor WI 3/14)
- 7375 **CHINA CNR-2/China Business Radio** Beijing in CH 1215, local pop mx, talks, quick ID in EG 1223, fair, //6065, 6155, 7130, 7245, 7315, 9810, 9820 (Alexander PA 2/17)
- 7565nf? **LITHUANIA IRIB** relay via Sitkunai in EG 1945-2029\*, nx, talk re Clinton-Obama primaries, news, sked, f, //6010, 7320 (Alexander PA 3/5)
- 9250 **EGYPT R Wadi el Nile** in AR 2215-2300\*, talks, local mx, ID, Koran 2253, NA at s/off, p-f in noisy conditions (Alexander PA 3/12, Barbour NH)
- 9335 **NORTH KOREA V of Korea** in EG 1259, IS, ID, talk about revolutionaries etc., fade out 1322 and low S-3 signal before that (Tilford IL 2/26)
- 9420 **GREECE V of Greece** in EG/GK 2355, ID, GK mx, IS, website, fqy, sked, nx, NA, g (McGuire MD)
- 9425 **INDIA AIR** Bangalore in EG/HD 1425-1500, S. Asian mx, ancm't in HD, ID, news, human rights pgm on selective abortion of female fetuses instead of infanticide of newborn girls (Taylor WI 2/18)
- 9450 **GERMANY Polskie Radio** relay via Wertachtel in EG 1303, "News from Poland", Poland's PM visit to USA, Egyptian leader's visit to Poland, anti-Semitism in Poland, p (Barbour NH 3/10)
- 9465 **EGYPT R Cairo** Abu Zaabal in EG 2315, 4+1 TS, "News from the North American Service of Radio Cairo", shootings in Jerusalem, uninterrupted mx, uneven audio level (Hauser OK 3/6)
- 9526v **INDONESIA V of Indonesia** Jakarta in Thai 1016-1040, pop songs/ballads, OM talking over gamelan mx, g, recently their sked has been more erratic than usual, f (Howard CA 2/26) in JP 1202-1305+, ID, local mx, changeover to KR at 1304, weak w/adjacent channel splatter (Alexander PA 2/27) in IN 1445, back again on this fqy w/western-style pop mx, IN? lyrics, brief talk, TS 1500, NA, vg reception (Hauser OK 2/26) in JP 1215, rock mx, talk by YL over mx, fading signal (Evans TN 3/1)
- 95993v **MEXICO Radio UNAM** Mexico City in SP 2250-2315, classical mx, IDs, talk, fair signal but needed to use ECSS-LSB to overcome QRM from Vatican Radio on 9600 (Alexander PA 3/1) in EG/SP 2303, interview (in EG) of US jazz trio about to perform in Mexico, instrum'l funk song, interview in SP, f-g w/slight hum and Vatican QRM (Schiefelbein MO 2/24) in SP 2235, continuous classical music up to 2311, IS, het from Vatican made reception untenable (Hauser OK 2/20) in SP 0520, exceptional pgm of classical mx featuring the Stuttgart Symphony, OM w/play list, ID, fqy, website, g (Wood TN 2/23)
- 9635 **MALI RTVM** Bamako in FR/AR \*0800-0840, ID, string mx, talk in AR 0802, g (Alexander PA 2/23)
- 9690 **NIGERIA R Nigeria** Ikorodu in Hausa 0815-0833, phone conversation, numerous mentions of Nigeria, "Talking Drums" 0829, indigenous mx bits, fair but deteriorating signal by 0830 (Barbour NH 3/18)
- 9690 **SPAIN China R Int** relay in EG 0301, ID, news reports, feature on Japan, g (McGuire MD 2/21)
- 9735 **RWANDA Deut Welle** relay Kigali in PT/EG 1957, end of PT service, into EG 2000 w/ID and news re GM chancellor's speech before Israeli Parliament, "Newslink" feature, f (Barbour NH 3/18)
- 9780 **SAO TOME VOA** relay via Pinheira in FR \*1959-2043, IS, ID in EG and into FR language prgm, YL with news, into EG language lesson feature at 2030, f-g but mixing w/Yemen (D'Angelo PA 3/15)
- 9825 **SLOVAKIA IRRS** Miraya 101 FM relay in EG \*1458, s/on w/African mx, pips, ID, news at 1500, p difficult copy w/co-channel QRM and jammer?, lost in noise by 1515 (Alexander PA 3/12)
- 9830 **JORDAN Radio Jordan** in AR 2028, YL w/ARsong, ID, call-in program w/love theme (two days late for St. Valentine's day), song by the late Egyptian artist Umm-Kulthum whose funeral attracted larger crowds than President Nasser, vg (Jaar QUE 2/16)
- 9845 **GERMANY IBRA Radio** relay via Nauen in Hausa and Bambara dialect 2022-2045\*, religious talks, brief music program, ID, into Bambara dialect at 2030 w/tribal vocal selections, closedown w/ID and mailing address w/more tribal mx to closedown, p-f (D'Angelo PA 2/24)
- 9970 **BELGIUM RTBF International** Wavre in FR 2038-2100, pop mx w/rather long talk segments by OM, YL w/news? at 2100, good signal at t/in deteriorating to poor by 2100 (Evans TN 3/7)

- 11725 **RWANDA Deut Welle** relay in GM 1920, W Africa xmsn, cmtry by OM, ID (Bauernhuber NY 3/9)
- 11815 **BRAZIL R Brasil Central** Goiania in PT 0110-0145, pop music program (EG and PT) with Credent Clearwater Revival and Michael Jackson tunes among the mix, talks, ID, p-f (D'Angelo PA 2/25)
- 12085 **SYRIA Damascus Radio** in EG 2101-2207\*, ID, anncmts, program previews, news, various segments w/regional music features b/w segments, f (D'Angelo PA, Evans TN)
- 13640 **ALBANIA R Tirana** in EG 1539, reports about independence of Kosovo, US recognition thereof, et mx break, mailbag, theme, IS prior to 1559 s/off, strong signal but over-modulated (Hauser OK 2/14)
- 13650 **ZAMBIA Christian Voice** relay via Lusaka in EG 1610-1706, "The Planet" feature, music countdown program, CVC promos, pop mx, news, interviews, Australia QTH, mailbag, more news, abrupt cutoff transmission during newscast and switched fqy to 13690, f (Alexander PA 3/3) in EG 165:
- 15315 **NETHERLAND ANTILLES R Nederland** relay via Bonaire in EG 1908, mixed bag of programming consisting of bits on the cultural importance of gold in India etc., vg (Wood TN 3/15)
- 15475 **GABON Africa #1 Moyabi** in FR 1625-1712, DJ's w/pop mx program, IDs and anncmts at 165: time pips 1700, another ID, into news (D'Angelo PA 3/1, Evans TN)
- 15620 **RWANDA Deut Welle** relay Kigali in Amheric 1450, discussion of Barack Obama, clips in EG/GM into Amheric voice-overs, no jamming noted, g (Hauser OK 2/11)
- 15775 **MOROCCO VOA** relay in EG/Shona dialect \*1700, ID, fqy, sked, website, f (McGuire MD 2/22)
- 17725 **LIBYA V of Africa** Sabrata in EG 1423, Afropop-type mx, IDs, news 'from the Great Jamahiriyyah and cmntry on the recent doings of the Leader of the Revolution, fair (Schiefelbein MO 3/4) in E at 1414 w/stilted exposition above African unity and Al-Fatah's role in it, g (Hauser OK 3/11)
- 17810 **NETHERLAND ANTILLES R Nederland** relay via Bonaire in EG 2025, feature on "The State We'r In" - the gulf between rich and poor, vg, //11655 fair (Fraser ME 2/11)

## Clandestine/Opposition Stations

- 6300 **ALGERIA LV de la RASD** (Western Sahara) in AR 0715, emphatic AR speech mentioning Allah an shariya, hauntingly beautiful music, g (Hauser OK 2/23)
- 11610 **MADAGASCAR RV of the People** relay in EG/Vern \*1700-1755\*, ID, EG anncmts, into Vernacula talk, Afro mx, 1751 back to EG hard to understand due to accent, f-g (Alexander PA 3/12)

## Digital Reception

- 9735D **ECUADOR HCJB** Quito in EG 0133, religious programming w/HCJB Australia IDs and a special HCJB DRM ID, one of several religious xmsns to the Winter SWL Festival, 15-18dB signal with a few spotty audio dropouts, good in view of 4 kw. xmtr from South America (Schiefelbein MO 3/7) Heard only time pips at 0300 to test for digital silence in comparison to analog silence. Established that it was much quieter than analog. 99.9% decode of 16.5 kbps signal at 22 dB S/N ratio (Brandt NJ 3/7)
- 9750D **UNITED KINGDOM R New Zealand Int.** relay via Wooferton in EG 1414, occasional snatches of audio, about 3-5% audibility, S/N about 10 dB on this 18.5 kbps broadcast, ID plate reads "V7 Digital" reporter has a New Zealand accent, though (Brandt NJ 3/8)
- 9870D **NEW ZEALAND RNZI** in EG with "Great Encounters" program from the domestic service w/long interviews of various guests. Nearly dropout-free with 20 dB S/R signal comparable to what is often heard from Sackville, New Brunswick -much closer to Missouri (Schiefelbein MO 3/14)
- 11975D **ECUADOR HCJB** Quito in PT 2352, broadcast to Brazil, 4kW stereo DRM w/just enough signal to decode station ID and broadcast data but no audio (Schiefelbein MO 2/16)
- 13590D **PORTUGAL Deut Welle** relay Sines in GM 1425, occasional snatches of GM language audio (about 5% intelligibility, but name plate, two channel names, and rotating message area come through okay, time check?? "Dreizig in Deutschland" heard at 1430, into news headlines, S/N about 9-10 dB which is really only marginal (Brandt NJ 3/8)
- 15485D **ECUADOR HCJB** Quito in SP 1403, contemporary Christian music; S/N ratio of about 12-13 dB for tough sledding on the 16.5 kbps signal, lots of dropouts, maybe 75 audibility, complete loss of sync at 1409, 1412, and 1413. Special broadcast for Kulpville, much better at 1450 retune, S/N 18 dB and 100% intelligible except for one loss of sync at 1452 (Brandt NJ 3/8)
- 15515 **VATICAN CITY Vatican Radio** in EG 1305, roundup of Catholic news, including how the Church is using YouTube. Text data noted this was a special broadcast to the Winter SWL Festival, excellent dropout-free 20-22dB SNR signal, by far the best European DRM reception (Schiefelbein MO 3/6)
- 17840D **FRENCH GUIANA TDF/RFO Guiana** relay of RFO Guiana in FR 1422, domestic programming with pop tunes and listener phone calls. Third of three broadcasters making special DRM transmissions to the Winter SWL Festival, solid 20 dB signal. Interesting to note that TDF's 150 kw provides only a few extra dB on the SNR as compared to HCJB's 4 kw. (Schiefelbein MO 3/7) 

# Company Store

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The following items are available through the Company Store. Shipping is extra as noted.

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<b>Joe Carr's Receiving Antenna Handbook</b> A guide to high performance receiving antennas from longwave to HF and VHF.	\$19.95 +4.60 s/h US +8.00 s/h Can.
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