

# The **NASA** Journal

VOLUME XLVIII NUMBER 7

JULY 2008

TRANSMITIENDO GRATAS NUEVAS ALEGRES  
Telling the Good News Abroad



From  
GUATEMALA  
"Beautiful land  
of the Quetzal"

Frecuencias:  
730 khz  
3,300 khz  
5,955 khz  
9,505 khz  
100.8 mhz

Facts:

The Quetzal is the national emblem of Guatemala. This bird seldom survives in captivity, hence, symbol of liberty.

"If the Son (Christ) therefore shall make you free, ye shall be free indeed".

John 8:36.

# Quality Equipment From Universal Radio

## 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 ensures that each receiver can be tuned and operated 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

## 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 obtrusive 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

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The Microtelecom Perseus is a cutting-edge, multimode, software defined receiver covering 10 kHz to 30 MHz. Enjoy world class performance: 3rd order IP: +31 dBm, Sensitivity: -131 dBm, Dynamic Range: 104 dB (BW 500kHz CW). Nine six-pole front end bandpass filters prevent overload of the A/D converter. There is a 3 step attenuator plus switchable low noise preamplifier. An impressive full span lab-grade spectrum display function is featured. An almost magical spectrum record feature allows you to record up to an 800 kHz portion of radio spectrum for later tuning and decoding. The audio source is via your PC soundcard. The Perseus operates from 5 VDC and comes with an international AC power supply, AC plug converter, SO239 to BNC RF adapter, USB cable and CD with software and detailed manual. Made in Italy. For full details visit: [www.universal-radio.com](http://www.universal-radio.com) **Perseus** Order #0122 \$1299.95

## 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. If you enjoy older radio receivers, please visit our Sold Archive to see many old friends.



## 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, Tweaks, 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 to 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



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Except Alaska, Hawaii and Puerto Rico.

**Tim Noonan** provides details about the 15th annual Madison-Milwaukee Radio Get-Together that will take place on Saturday, August 16th, beginning at 1 PM, in Oak Creek, WI. The event is open to all radio hobbyists, and is an informal gathering where radio fans and DXers can exchange ideas and make and renew friendships. This year's location is the home of Tim and Jill Noonan and their sons, 801 East Park Boulevard in Oak Creek, and you can obtain directions and more information from Tim at [DXing2@aol.com](mailto:DXing2@aol.com) or 414 762-2702. I have attended the annual Madison-Milwaukee Get-Together in the past and recommend it highly. It's a great opportunity to spend time with other like minded radio hobbyists. It is a good time.

Club member **Mike Rohde** is setting up the Columbus, Ohio NASWA Chapter with its first meeting tentative scheduled to be held at Universal Radio in Reynoldsburg on Saturday, August 9, 2008 at 10:00 AM. This is a tentative date/time pending confirmation. Further information is available from Mike Rohde at 614-527-1398 or via e-mail at [merohde@columbus.rr.com](mailto:merohde@columbus.rr.com). The purpose will be to gather other SWL/ DX listening enthusiasts together for informative discussions and sharing of knowledge and information about the hobby. If you live in the greater Columbus region, this is an outstanding opportunity to network with like-minded radio listeners to share news, information and just talk about the shortwave radio hobby.

**KEVIN MIKELL** sent an article that was published by Montana State University concerning sunspot activity, or better phrased, as the lack of sunspot activity (<http://www.montana.edu/cpa/news/nwiprint.php?article=5982>). Approximately 100 scientists from Europe, Asia, Latin America, Africa and North America gathered in early

June to talk about "Solar Variability, Earth's Climate and the Space Environment" at an international solar conference at Montana State University. Despite the new solar cycle, today's sun is as inactive as it was two years ago, and scientists aren't sure why. In the past, scientists observed that the sun once went 50 years without producing sunspots. That period coincided with a little ice age on Earth that lasted from 1650 to 1700. It will be interesting to see how this develops over the coming months and years.

Another piece of bad news arrived this month when MediaCorp Radio announced that Radio Singapore International shortwave service is shutting down. The station broadcasts to the region in four languages, including English, Chinese, Malay and Bahasa Indonesia. It has a following in countries such as Malaysia, Indonesia, Thailand and China. The usual media release mentioned "that the effectiveness of a shortwave radio service has diminished over time with changing technology and media consumption habits."

The old Voice of America (VOA) Bethany shortwave transmitter site is getting a half million dollars for maintenance of the former site of the Voice of America Relay Station. This is one of West Chester, Ohio's most expensive preservation efforts according to **George Lang**, a West Chester Trustee. The township is working to convert the 1940s broadcast building into a public museum. During World War II, programming came from this site in 53 languages, waging war on the Axis powers' radio propaganda. The VOA's tall towers came down in 1997, three years after the station closed. Once open, the museum would honor the VOA's history and broadcasting technology. This information comes to us courtesy of the combined efforts of **Kim Andrew Elliott** and **George Zeller** and originally appeared in the

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## Our Motto: Unity & Friendship

Cincinnati Enquirer, 11 June 2008.

Please remember that **Bill Oliver** has a new e-mail address: [billoliver@verizon.net](mailto:billoliver@verizon.net). All communications about subscriptions, bulletin delivery issues, the use of PayPal as a payment method should be directed to Bill at either the familiar 45 Wildflower Road, Levittown, PA 19057 postal address or by using his new e-mail address. The Comcast e-mail address is no longer valid. Please make that change in your e-mail directory. Thanks!

Check out this month's *Musings* for interesting reports from **Don Jensen** describing the excitement of DXing Peruvian stations and **Ron Howard** who was traveling in China and did some first hand monitoring of the situation over there. The club's Yahoo Group under **Dan Ferguson's** able supervision and the musings column are great places to share your experiences with other club members.

Radio Taiwan International is celebrating its 80th anniversary this year with a simple contest asking listeners to help celebrate the event by sending them a short congratulatory message which could be only one sentence. Seems simple enough to me, hi! The celebration/contest period runs from June 1st through August 15th (postmark). Postal entries can be sent to Radio Taiwan International, P. O. Box 123-199, Taipei, 11199, Taiwan while e-mail entries can be sent to [rti@rti.org.tw](mailto:rti@rti.org.tw). The 130 best entries will receive a limited edition RTI watch while 300 consolation prizes of an RTI tee shirt will be awarded. Make sure to include your name and address with your entry.

I see that Radio St. Helena QSLs for last year's special broadcast are arriving in listener mailboxes. With another transmission planned for later this year - possibly in October - now would be a good time to contribute funds to help pay down the debt incurred in establishing the transmitter and antenna set-up by Robert Kipp. Getting Radio St. Helena back on the air was a voluntary hobby commitment lead by Robert with his only source of funds coming from hobby contributions. Contributions can be sent to Richard D'Angelo, 2216 Burkey Drive, Wyomissing, PA 19610 with checks made out

to Radio St. Helena Fund - thanks! So far, I have seen reports from QSLs received in the USA, Mexico and Japan.

The 10th edition of its annual Domestic Broadcasting Survey (DBS) issued by the Danish Shortwave Club International (DSWCI) has hit the street and the reviews have been great (see last month's review in the Shortwave Center). As in past year's, the survey has been divided into four parts: Part 1 is the 36th edition of the Tropical Bands Survey covering all active broadcasting stations on 2300 - 5700 kHz. Part 2 covers domestic stations on international shortwave bands above 5700 kHz broadcasting to a domestic audience. In Part 3 all active clandestine shortwave stations are listed with schedules and identifications. Finally, Part 4 indicates deleted frequencies between 2 and 30 MHz which have not been reported heard during the past five years, but may reappear. The DBS is a must for every DXer! All buyers of DBS-10 will get a username and password to the monthly updates on the tropical bands published as "Tropical Bands Monitor" on the club's website. The similar data from 2005, 2006 and 2007 are available at [www.dswci.org/tbm](http://www.dswci.org/tbm) to anybody. The 36 pages A-4 size DBS-10 is available by e-mail as PDF-format file (about 175 KB). A limited number is also available printed on paper. It is sold by the treasurer: DSWCI, c/o Bent Nielsen, Egekrogen 14, DK 3500 Vaerloese, Denmark. The cost for the E-Mail edition is DKK 40,00 or US\$9.00 or EUR 5,00 or GBP 4,00 or SEK 50,00 or IRC 5. The cost for the printed edition is DKK 80,00 or US\$17.00 or EUR 11,00 or GBP 8,00 or SEK 105,00 or IRC 9.

Please remember to direct all communications about subscriptions, bulletin delivery issues, July 4<sup>th</sup> celebration suggestions, the use of PayPal as a payment method, etc. to **Bill Oliver** at the club's Levittown address or to his new electronic address, [billoliver@verizon.net](mailto:billoliver@verizon.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 (July 1983)

Roll Call welcomed 90 new and returning members including Takayuki Inoue of Japan. Charles Foxx of the Old Dominion DX'ers was looking for DX'ers to meet in the Eastern Virginia and Northern North Carolina areas. The 1983 NASWA Tropical Band Guide was being offered by George Sherman for \$3.00 in North America and \$4.00 elsewhere. In John Herkimer's Shortwave Center, Herk says goodbye to retiring editors Ed Shaw and John Moritz. Al Sizer wrote "Daytime DX" while John Moritz wrote "HRXX, La Voz de la Mosquitia, the saga continues." Chuck Bolland wrote about trying an inverted-V dipole antenna. Richard E. Wood wrote "Good Listening in Abba, Saudi Arabia." Charlie Loudenboomer returned with a report about the Septuagenarian Aid Fund. In Vintage Vignettes, Bill Taylor wrote about "The Walnut Wonders." In Tech Topics, Ed Shaw formally says goodbye after 1 1/2 years as editor. QSL Editor Sam Barto moved into his new residence at 47 Prospect Place in Bristol, CT and noted that 124 countries were reported in the July QSL Report column. Stu Klein, in Log Report A, mentioned he was looking forward to meeting members at the ANARC Convention in Virginia in a few weeks. In Log Report B, Editor Jerry Berg noted a new Costa Rican in Radio Impacto on 6150 kHz. In Log Reporters, editor Nick Pappas noted that fifty members sent in contributions. 

### NASWA Flashsheet

Are you getting the latest hot information about what is happening on the shortwave bands? If you have not signed up for the club's electronic *Flashsheet* service, you are missing out on timely news and information about the DX scene that will enhance your shortwave listening pleasure. If you are a current member of the club and want to receive the electronic Flashsheet just drop **Rich D'Angelo** (rdangelo3@aol.com) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic *Flashsheet* edited by **Mark Taylor**, markokpik@tds.net. The club's electronic *Flashsheet* helps members stay on top of the action with breaking shortwave news and information. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news.

### NASWA Yahoo Group

Join moderator **Dan Ferguson**, the club's Yahoo Group, and other club members to discuss reception of shortwave radio broadcasts, program content, propagation, reception conditions, loggings, hot news and information as well as radio equipment and accessories and any topics related to shortwave radio in general. 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*. Subscribe by going to <http://groups.yahoo.com/group/NASWA/>.

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## Calendar Of Events

- Jul 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](mailto:ctreditor@aol.com). The URL for the BADX guys is <http://www.naswa.net/badx/>
- Jul 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](mailto:curt@nerdster.net).
- Jul 25 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](mailto:rdangelo3@aol.com)) for further information about future meetings.
- Aug 9 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](mailto:antennapig@siscom.net)>. For additional information about MONIX, check out their web site at <<http://www.siscom.net/~mmeece/monix.html>>
- Aug 9 Meeting. The Columbus, Ohio NASWA Chapter** is planning to hold its first meeting at Universal Radio in Reynoldsburg on Saturday, August 9, 2008 at 10:00 AM. This is a tentative date/time pending confirmation. Further information is available from Mike Rohde at 614-527-1398 or via e-mail at [merohde@columbus.rr.com](mailto:merohde@columbus.rr.com). The purpose will be to gather other SWL/ DX listening enthusiasts together for informative discussions and sharing of knowledge and information about the hobby.
- 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.

**Nov 12 Awards.** The **Association of International Broadcasters awards gala** will be held in London, England with the presentation of international television and radio awards. AIB Media Excellence Awards and Diner Pensant LSO St. Luke's, 161 Old Street, London EC1V 9NG. The cost of each place at the Dinner at the early-bird rate (valid to 30 June 2008) is £175 plus UK VAT @ 17.5% (£30.62), giving a total cost of £205.62 per place.

**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!

**May'09 Annual Meeting.** The **2009 National Association of Shortwave Broadcasters and US DRM Group** will be held in Nashville, TN 7 and 8 May 2009. It will be co-hosted by World Christian Broadcasting and WWCR. Additional information will be available at a later date.

**Mar'10 Convention.** The **23<sup>rd</sup> Annual Winter SWL Festival**, sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 5 and 6 March 2010. 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!

**May'10 Annual Meeting.** The **2010 National Association of Shortwave Broadcasters and US DRM Group** will be held in Hamilton, Ontario on 13 and 14 May 2010. It will be hosted by Galcom International. Additional information will be available at a later date.

Members are invited to submit items to be included in this calendar to Rich D'Angelo (Internet: rdangelo3@aol.com) or Ralph Brandi (Internet: ralph@brandi.org). 

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## Musings

**Don Jensen <dnjkenosha@wi.rr.com>, Kenosha, WI**

Peruvian Radio Altura: 5014.26, Radio Altura, 5/20 variously from 0100 to 0502\* Started noting this one weakly shortly after 0100, mostly man tkg. Progressively improved during the evening. Went back at 0410 when it had improved to very good with mx pgm, mix of mx, mostly Chicha, some cumbias, some more traditional sounds. Live annmts by man, some live IDs and mentions of Cerro de Pasco. More canned IDs, shouted with echo, "Radio AL-TURRRRRR-ah!" Brief happy birthday song w/cumplanios. Canned ad strings. A rather slick production. Abrupt s/off without OA anthem.

Went back to this one after Happy Hour... I had started tracking around 0100. When I returned about 0410, it had improved to a very solid signal, S6 on peaks. Many ID for Radio Altura, some canned echo "Radio AL-TURRRRRR-ah!" Mentions of Cerro de Pasco. Pgm of mixed music, some Chicha, some very traditional, a couple of Cumbias. I think most were requests. Played a bit of Happy Birthday w/announced cumplanios. Ad strings. Slogans. A rather slick sound. Recorded a big chunk to send a CD with my report. Last report I saw had them signing off shortly after 0400. Still going strong at 0445 when I gave up on them. While I have heard this one before, I haven't every heard it at anything close to this level.

Last night, Radio Sicuani on 4826+ and tonight Radio Altura at strong levels.... The Radio Gods have smiled on me after weeks of frustration with the Peruvians that others in the east have been hearing.

don

**Ron Howard** <ron888howard@gmail.com>, Shanghai, China,  
Greetings from Shanghai!

Monday, May 19 was the start of 3 days of national mourning for the victims of the Wenchuan quake. At 2:30 PM local time, everything came to a complete standstill here in Shanghai, with 3 minutes of the sounds of sirens and car horns, in honor of the victims of the quake. All the news media have continuous stories about the quake. Most of the television stations have identical coverage (one exception is CCTV-9, the English language channel).

Radio reception consists mostly of numerous CNR-1 relays in the SW, AM and FM bands. Have observed CNR-2/China Business Radio with 24 hour relaying of CNR-1, as heard on the normal CNR-2/CBR frequencies: 91.4 FM, 6065, 6155, 7130, etc., on May 17, 18 and 19 during various times. First noticed this when I checked for the regular "English Evening" program from 13-14 UT and found the CNR-1 relay instead. The Sichuan PBS services, broadcasting from the area of the quake, continues to be on 6060, 7225 and the new 9740, heard with a relay of CNR-1 from about 1200-1232 UT. At other times they are mostly all parallel, but on May 19 noted 9740 was not parallel to anything, so assume they actually had Sichuan PBS-1 programming at 1105. 6200 continues to relay CNR-1 for 24 hours a day. Of course I hear some stations with their own programming: on 4830, CHBC at \*1200 on May 19 and 4900 // 4040 with the VOS at 1241 on May 19.

Would seem logical that is massive relaying of CNR-1 will continue through at least the 21st, the last day of national mourning and will probably continue on even past that date.

Ron, Eton E5

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

On Sunday, May 18, I arrived in Shanghai, China, just 7 days after the devastating earthquake that hit the Wenchuan area of China. The next day was the start of 3 days of national mourning for the victims of the quake. At 2:30 PM local time, everything came to a complete standstill in Shanghai, with 3 minutes of the sounds of sirens and car horns, in honor of the victims of the quake. The quake brought about many changes to Chinese radio and television. Many SW, AM and FM stations started relaying CNR-1 programming 24 hours a day. There was massive coverage of the search and rescue work going on. Was interesting to hear first hand, via my Eton E5, what was happening on SW. Changes such as the Sichuan PBS services (located in the immediate area of the quake), which in the past had only been on 6060 and 7225, expanded their coverage with new frequencies (9740 and 12015). Actually I found the two new frequencies to have the best reception. The stations that I regularly heard with good signals included Voice of Strait on 4900, 4940, 5050, 6115 and 7280; CHBC on 4830 and of course the local Shanghai PBS on 3280, 4950 and 97.7 FM. Was great to see the solidarity of Chinese people to help the victims of the quake and raise money for the reconstruction of the quake area. An unforgettable experience!

I received an email from Robin M. Boggs (Pan American Broadcasting): "We have received many sporadic reception reports from the United States and Europe, receiving this phenomenal signal... During our technical upgrades early 2008, our transmitter was being upgraded to incorporate a stronger and clearer signal... We are going to be implementing additional technical upgrade work on the tower in the next 2 months, this will allow our programming to expand in hours."

This summer the reception has not been bad at all. Do most of my listening at my local sunrise, when I go to my local state park beach to get away from all the RF noise around

my house. Many Asian stations are well heard then, so it is very a productive time, plus it is really a beautiful place to sit and listen and watch the waves roll in. Very scenic!

Good listening! Ron

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

FLASH: 'Marion Webster' of 'Marion's Attic' (Saturday nights 01:00-02:00 UTC, 7.415 WBCQ 41 MB) has confessed to once upon a time, many years ago, 'Making Out with a Boyfriend on an Elevator' only to have accidentally bumped up against the old fashion control panel thus, jamming a button and stalling out the elevator in it travel; necessitating an intercom 'Call for Assistance.' In addition, she spoke of having a boyfriend visit her when she worked as a librarian only to make out with him between the isles of books! According to Marion; she instructed several young men in the 'Dewey Book Cataloging System!' Just goes to prove that we're never too old to remember love! Tune in to 'Marion's Attic' every week for great 'Old Time Music' and 'Lots of Fun!'

**WISH YOU HAD BEEN THERE:** Another great time of fellowship and radio fun was had by all at the most recent gathering of the 'Berks County, Pennsylvania Based NASWA Meeting Group' (Serving all of S.E. Pennsylvania -- You do not have to live in the area to attend) which was held on Friday night May 23rd, 2008, at the 'Flying Dog' in Earlville, PA! Present were our Executive Director Richard A. D'Angelo, 'Easy Listening' NAWSA Journal Columnist Richard Cuff, Dr. Mark J. Ferrioli, Ron Hunsicker, Ed Mauger, Mr. and Mrs. Richard W. Parker and Dave Turnick. On hand for inspection and examination was a 30 plus year old working 'Candle Multi-Band Portable Radio,' a 50 plus year old 'Zenith Transoceanic Radio' and a brand new 'C. Crane WiFi Internet Radio' (Which unfortunately could not be demonstrated as there is no 'Wifi' available in Earlville)! Also, as always, there were many 'Short Wave' and related 'Antique Electronic Magazines' perused by the group with great interest. All this, in addition to great 'Radio Related Conversations' and 'Fine Food and Drink!' Our group is growing! Why not come and check us out at our next gathering? We are presently meeting on the 4th Friday on every month! Join us at the brightest spot in Earlville! You won't be disappointed!

Mark

**Toshi Ohtake <ohtaket@yahoo.co.jp>, 5-31-6- Tamanawa, Kamakura 247-0071, Japan**

The first topic is the frequency change of Japanese language station, provided by our members, Mr. Mikio Sudo and Nr. Yoshikazu Suzuki. Iran's Islamic Republic of Iran Broadcasting (IRIB) changed its frequencies from early May to 9690 and 11665 kHz for the program starting at 2100 UTC. But 11665 kHz transmission, which had been announced as 11655 kHz, had a severe interference from Radio Japan from Yamata

Then, further change was made on May 21. The severely interfered 11665 kHz was switched to 11765 kHz. The 9690 kHz is being heard well, but 11765 kHz has a variety of listening conditions day by day in Tokyo Metropolitan area.

The next topic is a new airtime of RAE, Radiodifusion Argentina al Exterior, reported from our member, Mr. Koji Yamada. In addition to the long-established airtime of 1000 UTC, RAE started 0100 transmission in Japanese. Frequency is 11710 kHz, the same as the 1000 transmission. However, reception condition is poor for both transmissions. RAE started live stream transmission recently, which gives us chances to listen to a lot of Tango music. This is great news for program lovers of RAE, but discouraging news for challenging DXers. RAE's DX News is aired on every Thursday, and some of the topics from our Monthly bulletin are heard during this program.

The QSL from Radio St. Helena, mentioned in the last issue of our electronic Bulletin is in the front cover of our printed Bulletin this month.

This is all for this month.

Wishing you FB DXing! Toshi Ohtake, Japan Short Wave Club

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

We had a non fiction mention of shortwave radio in our newspaper last weekend. A man was taken into custody for non payment of taxes and his house seized. (Gunfire, the house was burned down, etc.) The only thing he mentioned that he didn't like loosing were his "four shortwave radios". They were mentioned by a neighbor as well. The article went on to say that he subscribed to a legal theory put forth by some right wing groups, on "patriot" programs, often heard on shortwave stations. I don't believe he was a hobbyist though.

I didn't think I would promote shortwave that way myself however....

Mark

**Don Jensen, Kenosha, WI**

Not a new novel, but hands down one of the best I know in which radio, and presumably SW radio, figures prominently, is Eric Ambler's STATE OF SIEGE. A western engineer, albeit not an electrical engineer, gets caught up in a revolution in a fictitious East Indies nation (very like a small Indonesia). The local radio station is inoperable and critical for the revolution to succeed. The protagonist, who wishes he really knew more electronics, is ordered to get the station operating again, or else. Great suspense! -don

**Russ Lay <russlay@embarqmail.com>, North Carolina**

I saw the request for an intro from Rich, in this case a re-intro of sorts. I have been DXing since 1969, when I was 13 years old. I was a member of all of the US clubs at the time; ASWLC, NASWA, NNRC, and later SPEEDX. For a while, in the 80's, I was editor of the Potpourri and QSL sections for the ASWLC.

I lived most of my DXing life in Virginia Beach, and had the pleasure of spending many hours with Ed Shaw, DXing at his house, in the W.Va. mountains, and helping to publish NASWA when he was editor and the bulletin was mimeographed. In due course, I met Chuck Rippel, Dr. Harold Cones and other Virginia DXers.

I stayed active until around 1981, when I graduated from college and began work as a banker. I moved to Atlanta in 1984 and dropped out of DXing until 1991. Ran hot and heavy until 1994, when I moved to the Outer Banks of NC. I started slowly back around 2003, and will actually be erecting my first outdoor trap longwire this month.

I currently have about 150 NASWA countries verified, want to get to 200 before any more "countries" disappear! I also play on MW, FM, and utes, and am despairing the demise of TV DX next year.

Currently a member of NASWA, DSWCI, ODXA, NZRDXL, ARDXC, and just sent my renewal for the WDXC. Also IRCA, NRC, and WTFMDA.

One current want ...does anyone have old copies of Gerry Dexter's language labs they could share or copy? I have the PP version, but would like FF, SS or Indo if available.

Using R-2000 and IC-R75 for receivers.

**Don Jensen, Kenosha, WI**

I surely would not want to discourage you from obtaining copies of the Language Labs, which were essential items in anyone's shack. But I would point out that these days it is so easy and quick to send individualized and personalized foreign language reports, rather than use standardized, one-size-fits-all form letters.

I use Google Translate. Compose my entire report and letter in English, choose the respective languages, e.g., English to French, hit translate and, voila, the letter is translated. With cut and past to a document, you have your individualized report. The beauty part is that with the cut and paste, you don't need to try to re-keyboard in, say, the Russian Cyrillic alphabet or Arabic, Greek, etc.

How good a translation does it give you. Pretty good but maybe not perfect, I have been told. But plenty good enough for a report. Ala Mark Twain, don't try two or more generations of translation, that is, don't translate a report from English to Portuguese and then that Portuguese translation into Spanish. Some funny things result! Unfortunately, Google Translate, while it includes many languages, is weak on Asian languages, including Indonesian.

Maybe someone else out there knows another on-line translator besides Google Translate that does have Indonesian, etc.

--don jensen

**Forrest S. Bishop, Room 316, 2140 Pogue Avenue, Cincinnati, OH 45208-3234**

Here are my thoughts on how I cannot listen to shortwave radio anymore.

This is why Forrest Scott "Woody" Bishop of O'Bryonville part of Cincinnati, Ohio cannot receive shortwave very well because Beechwood Home is a nursing facility for disabled persons mostly with M.S., M.D., C.P., strokes, car crashes and other sicknesses. Because I shortwave radio listening and/or DX anymore is because the whole building is made out of aluminum and concrete. Plus Beechwood Home has IV and food machines and florescent lighting almost in the whole building. There is regular old fashion incandescence lighting in the residence rooms which are mostly private. There are 88 residents at a given time, or when it is full.

I wish I could listen to a good shortwave radio here at Beechwood. I really love DXing. I have been a shortwave listener for 35 years, which I started with a Zenith Trans-Oceanic that Zenith doesn't make anymore. Right now I am listening to a Christian radio station 93.3 MHz WAKW-FM, in College Hill part of Cincinnati, Ohio on a Sangean ATS 909 which is a really good shortwave radio, MW, FM and LW.

The one reason I cannot have a shortwave radio antenna is because the State of Ohio Department of Health says a resident cannot have an outside antenna at all. And Beechwood has DirecTV satellite service.

I better say good-bye. Have a blessed month and God bless you. Thank you for your attention to this request.

In his service, Forrest

**Ed Insinger, 28 Madison Avenue, Summit, NJ 07901**

I was just rereading your entry in Musings about waiting for some nice springtime weather to go outdoors and do some shortwave listening. Seems you were waiting for a respite

from the chilly and wet weather we experienced here in the metropolitan area. Well, having passed from spring into the throes of a pre-summer heat wave, it doesn't appear that your wish was fulfilled. And with the heat and humidity came a rash of significant thunderstorms and the associated rise in atmospheric noise we are so accustomed to in this hobby of ours. The good news is that radio waves still propagate and the discerning ear remains capable of picking up those microvolt signals that keep us listening with the greatest of optimism.

73's, Ed

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

After months of procrastination, we finally attended a meeting of the ubiquitous Reading Area DXers and lived to tell the tale! Several days of sagacious planning were required for this 15 mile trip, as we seldom travel to The Big City (Earlville, PA). On the road, my lovely bride forewarned me of the constantly changing speed limits (it was, after all, the start of the Memorial Day weekend, and speed traps were abundant), while I kept a sharp eye peeled for our destination.

Soon, The Flying Dog roadhouse came into view. I noticed several large, American made motor-sickles parked in front and was immediately solaced. "Look, doll!" I exclaimed to Miss Heidi, "Scooter trash! Our kind of place!" However, closer inspection revealed that while those irons were indeed Harley-Davidsons, they were showroom fresh "mid-life crisis" machines. That was just as well, because we hadn't traveled this distance to swill beer with ill-mannered ruffians. We could do that at home. This day's adventure was of a higher calling - we were here to meet the men of RADX!

Since we were the first to arrive and I had never before met these legendary DXers, I wasn't really sure how I would recognize them. But, when Dr. Mark Ferrioli entered, there was no question that this was a NASWA man. No pink carnation for this gentleman, he was instead lugging a behemoth '70's vintage multi-band portable into the bar!

Six of these allegorical members attended, but I was only able to converse with three at length - Rich Cuff, Ron Hunsicker and Rich D'Angelo. The others were unfortunately seated out of earshot which, in a noisy restaurant environment with my lousy hearing, is anything beyond two feet! Ed Mauger passed around a bunch of fascinating old radio magazines that he picked up at the Kutztown Antique Radio meet (some dating back to the 20's!), and various items in these provided a catalyst for some spirited dialogue.

Rich Cuff brought along a C. Crane internet "radio". I never had much interest in receiving broadcasts via the internet but, after Rich explained the capabilities of this box, I could see that it had definite merit. Ron Hunsicker and I found that we shared a common interest outside of radio, and subsequently became sidetracked a few times. From time to time, Rich D'Angelo punctuated the discourse with his effervescent wit.

All in all, I can't remember a more enjoyable afternoon, or meeting a more engaging group of gentlemen. Courteous and polite, the Reading Area DXers made us feel right at home. An amiable bistro, The Flying Dog is perfectly suited to these gatherings and, while I didn't partake this time, the various eats looked mouth-watering. I certainly look forward to attending this rendezvous again, and would encourage all who are able to do likewise.

Best regards, Rich

**Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610**  
Don't forget to add the Madison-Milwaukee Get-Together to your list of things to do in August. Tim Noonan and his family will be the hosts this year as the group heads to the greater Milwaukee area. I have been at a few of these gatherings and highly recommend it to anyone with an interest in gathering with like-minded radio hobbyists. This is a good time so don't miss it.

Recently, I read a couple of books that had a shortwave radio theme as part of their fictional plots. Nothing earth scattering but any mention of shortwave radio is worth noting since you don't often see our hobby discussed as part of a work of fiction.

First, *State of Emergency* by Steve Pieczenik (1997). There is a particular mention related to the shortwave radio hobby that lifted my spirits, kind of. To understand the context I should note this book is about secessionist movement that turns into a short American civil war. On page 93 an NSA analyst is describing a list of radio stations that act as a call to arms for various militia groups. The list contains a few that shortwave buffs would be familiar with although one is identified as Philadelphia rather than Red Lion: "KCCA, 107 FM, Arizona; KCVL, 1240 AM, Colvill, Washington; KDNO, 98.5 FM, Delano, California; KFYI, 910 AM, Phoenix, Arizona; KHNC, 1360 AM, Johnstown, Colorado; KVOR, 1300 AM, Colorado Springs, Colorado; WBTJ, Pensacola, Florida; WHRI, Noblesville, Indiana; WINB, Philadelphia, Pennsylvania; WJCR, 90.1 FM, Upton, Kentucky; WJYM, 730 AM, Bowling Green, Ohio; WMKT, FM, Charlevoix, Michigan; WRNO, New Orleans, Louisiana; and WWCR, Nashville, Tennessee." Nothing like having a pile of shortwave radio stations included in the list as being noted for their "patriot" programming (WHRI, WINB, WJCR, WRNO and WWCR).

The second book is *Balance of Power* by James W. Huston (1998). In this novel an American freighter is taken over by terrorists, sunk and the crew murdered. Eventually an obscure clause in the Constitution is invoked by Congress to go after the terrorists when the President doesn't use the military. Early in the book (page 2), the Captain of the doomed freighter uses a reference to shortwave radio when describing one of his crew members: "He tolerated Franklin because he was a good engineer, but deep inside he thought Franklin was a misfit. Probably president of the short-wave club in high school."

Maybe these books have not portrayed our great hobby in the most favorable light. Okay, maybe these are not the best examples of our fine hobby to be used in recruiting new, potential shortwave listeners. Nevertheless, the great shortwave radio hobby got some mention along the way. I can only hope that maybe in the future we shortwave listeners will be thought of as maybe a little more normal by writers of fictional material. Is that too much to ask?

Here is a rundown of what QSLs came in the mail this month. First, Radio Prague verified its special May 18th broadcast celebrating its 85th anniversary with a special "85 Years of Czech Radio 1923-2008" card. A nice one-time special event QSL. Radio Educación - XEPPM in Mexico verified with a colorful date/frequency "Certificado de Sintonía" card. It's always nice to see a Papua New Guinea station reply so this month's Radio New Ireland verification with a full data Flag card was nice to receive. The Crystal Ship verified a report for some unusual frequencies - 5385 and 6700. Finally, Radio Christian Voice in Zambia verified with a full data logo card indicating that the transmitter is a Continental 418F and that the postal mailing address is Radio Christian Voice (Zambia) Ltd., Private Bag E606, Lusaka, Zambia.

73, Rich

# Shortwave Center

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

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*[This inscrutable column has come to me via quite a circuitous route. It was sent to Rich D'Angelo, our esteemed (!) Executive Director, who in turn sent it to me. Rich attached the following note, which (and I cannot stress this point too strenuously) is for NASWA member eyes only. Disclosure to outsiders will bring a heavy penalty on the violator. I can't say what the penalty would be, but by way of a hint, I assume you—as a DXer/SWL value your ears... Enough said. -JAF, ed.]*

If you are a member of the NASWA Yahoo Group, you may have noticed that a certain Charlie Loudenboomer has appeared. Dan Ferguson assures me that this is the "Real McCoy" although look at my source (Fergie?). You may recall from ancient NASWA historical scrolls that CL lives in Tibet and sent his columns to Dan via strange methods when DF was publisher back in the 1970's. Anyway, Charlie sent me this column for publication. I am hopeful that Charlie will appear from time-to-time although I suspect he could disappear just as quick as he re-emerged. There is no known method of figuring out what Charlie Loudenboomer will do next.—Rich D'Angelo.

## Somewhere in the High Himalayas

By Charlie Loudenboomer

Some of you who are older than dirt will, doubtless, well remember me. Others among you may have only heard my name whilst seated at your DXing father's knee. The name of which I speak is mine—Charlie Loudenboomer.

Yes, my friends, ol' CL lives, although I have, for decades now, holed up with my faithful Frog-7 in a monastery high in the Himalayas. But, lo these many years, I have not been out of touch with the DX world. I have been, as we used to say, "reading the mail," even though I have kept a low profile.

I have watched as the hobby has hit the slippery slope to obscurity. I've noted each station and country as they have gone silent forevermore. I have also noted all the phonys and would-be's who have tried to appropriate the Loudenboomer name or, in some cases, some similar sounding pseudonym. Clara Listensprechen?! Patoocie!

I can assure you, faithful followers, I am the REAL Charlie, no weak tea copycat.

But I can see (ok, let's say I can imagine) the puzzlement on your collective faces. "Why, Charlie," you may ask, "have you chosen this particular moment to return?" Indeed, why now, long years after the late, great Mac Leonhardt banished me to Lhasa-land for penning that satirical FRENDX column roasting a now long forgotten flash-in-the-pant-SWL with a super-inflated ego?

The answer is I am back because I have a milestone to mark, and you my friends, should have the opportunity to help me celebrate that event.

In April, I marked my 46th year of continuous involvement with writing about DXing! That, I am reasonably sure, is a world record. I know it exceeds the longevity of some fellow who not long ago claimed he'd been at it for a mere 45 years.

But, there's that puzzled look again, I can hear (ok, let's say I can imagine) somebody saying, "but no, Charlie. You have been absent for decades, so what's this talk about continuous involvement in DX writing?"

Ah, my friends, the answer is that for all these intervening years, I HAVE been writing extensive and continuously about DXing. You simply may not have realized this because I chose to use a pen name, er, rather, pen-initials. . . GH.

It has been a long and I must admit a rather glorious career, all unpaid, mind you, done purely out of the goodness of my heart, to offer a helping hand, if you will, to all the "little people" in this wonderful hobby.

Some of the highlights? Why yes, I will recount a few. My regular DX writings helped persuade Joe Adamov to become a secret agent for the CIA, and convinced President Reagan to issue his famous plea to East Germany to "Tear down this wall!" My DX columns breathed life into RAI's infamous "dead lady" I held bake sales to help Jeff White bring that WRMI from the Dominican Republic to Miami. I taught Larry Magne everything he knows about SW radios.

*[One report from Tibet (see The Loudenboomer Report) calls for another for good measure. Hi! -JAF-ed.]*

## Tibet Reports by U.S.-Funded Radio Anger China

### The Perfect Foil to Jamming: Rubber Bands

By Nicholas Zamiska and Geoffrey A. Fowler, Hong Kong

The earliest reports of unrest in Tibet last month didn't come from a major newspaper, wire service or TV station. They came from a U.S.-funded shortwave radio broadcaster that advises listeners to get around Chinese signal jamming with tinfoil, plywood and rubber bands.

With a current annual budget of \$34 million from Congress, Washington-based Radio Free Asia broadcasts news about Asia across the region in nine languages, including Mandarin, Tibetan and Uighur, a Turkic language used in China's Xinjiang province. RFA's reporting on the crisis in Tibet has reignited longstanding ill will with China over the

And along the line, Queen Elizabeth—she asked me to call her Lizzy, and who am I to question a member of the Royal Family of UKOGBANI?—knighted me with the Order of the Black Lace Garter Belt for my work on behalf of world peace.

So it is really not surprising that I have been contacted by the Guinness Book of World Record, please keep this to yourself until it is announced officially, but my 46 years of dedicated service to the world of DX will be included in the next printing of that famous record book.

Just between us, I suspect that my 46 years of faithfully drinking Guinness' famous product didn't hurt things. I think the Guinness folks probably heard the nickname the Tibetan monks here are wont to call me—probably also noting my not insubstantial girth—Guinness Stout. I'm rather proud of that too.

U.S. government's Cold War-era broadcasting system, while also highlighting a question that hangs over the radio service's mission: Is it a news outlet or a propaganda tool?

The Chinese government says the station has done "nonobjective, unfair and unbalanced coverage of China for a long time," according to a foreign ministry spokeswoman. "We know many foreign media reprinted their stories about Tibet. These incorrect stories have resulted in much criticism from Chinese people and foreign media professionals. We hope RFA can spread objective, fair, balanced and true information about China in the future," she said. She didn't specify the errors. RFA defends its work. "We are all ferociously competitive in getting the best, most credible news out first," says Sarah

Jackson-Han, spokeswoman for the radio station. RFA broadcasts from the Northern Mariana Islands in the Pacific Ocean and about a dozen undisclosed locations. It relies on shortwave radio because a single transmitter can broadcast to an entire continent, depending on weather conditions, time of day and bursts of energy from the sun. The technology was developed in the 1920s and was used throughout the British Empire to relay messages between London and its far-flung colonies. The Chinese government jams RFA broadcasts by broadcasting Chinese opera, funeral music, gongs, static or other interference on the same frequency, effectively boxing out the RFA transmission. China's State Administration of Radio Film and Television didn't respond to questions about jamming RFA. The station's Web site, which is also blocked in China, features a recipe for how to modify a radio's antenna so that the jamming doesn't completely drown out RFA's broadcast. Necessary supplies include four cup hooks, two rubber bands or string, two sheets of tinfoil, two small wires and a piece of wood. "Plywood or a similar material is OK," the instructions read.

RFA was created by Congress in 1994. It runs under the aegis of the Broadcasting

Board of Governors, which also runs Voice of America. RFA executives deny claims that the station is affiliated with the Central Intelligence Agency. It says a station by the same name operating in the 1950s and unrelated to the current broadcaster may have had CIA ties.

RFA's scoops "have been won the hard way—mainly by cultivating reliable sources in Tibet," the Broadcasting Board of Governors' chairman, James Glassman, wrote recently in a letter to Asia Times Online after the Hong Kong-based Web site published an article that said RFA worked for the CIA.

(Wall Street Journal, excerpted, via Australian DX News)

*[The following article appeared recently in The Economist magazine. Frankly, it's the first I've seen in the "popular press" in some time indicating that shortwave's supposed demise may indeed be overstated. Not news to us, of course; but nice to see nonetheless. If you read on, you may be surprised to learn that the BBCWS plans on improving its Ascension Island relay! This item was forwarded by Rich D'Angelo. - (JAF-ed)]*

## Short-wave radio Snap and crackle goes pop

Jun 19th 2008

From The Economist print edition

### Life in the old wireless yet

PROPAGANDA, news, curiosity and even espionage were the fuel of short-wave radio broadcasts. Readers of a certain age may recall the thrill of hearing a crackly, venomously worded broadcast from far away, such as the Voice of Free China denouncing the communist bandits on the mainland, or Radio Peace and Progress in Moscow deriding the imperialist hullabaloo about human rights.

The huge advantage of short-wave was that such material was simple to send and hard

to stop. Thanks to their high frequency and short wavelength, even low-powered signals can bounce off the ionosphere halfway round the world; anyone can listen. Jamming them—a favourite Soviet tactic, still practised by China today—is an expensive and patchy business.

The end of the cold war, deregulation and new technology made short-wave look out of date. The propaganda war between east and west abated. Poor countries liberalised their broadcasting regimes, turning information famine into abundance. New stations, transmitting on crackle-free FM, soaked up listeners. Many started partnerships with international broadcasters who had previously used short-wave. Satellite-

television news from stations such as CNN provided powerful competition in meeting the needs of the news-hungry. Broadband internet connections and even mobile phones can be used to listen to a plethora of radio stations.

But short-wave's retreat has slowed. Though the BBC's World Service uses around 15 different technologies to reach its listeners, short-wave is still king: latest figures, published last week, show 105m of its 182m-strong global audience still listen that way, the majority of them in Africa. In Nigeria the short-wave audience even grew slightly last year. That's not going to change soon: the BBC is upgrading its transmitters on Ascension Island (to be powered, greenly, by a new wind farm). Mike Cronk, a BBC bigwig, says the business case was "compelling".

As competition for slots on the spectrum has eased, private broadcasters are moving in, notably American-based religious ones such as Assemblies of Yahweh, Adventist World Radio and the Fundamental Broadcasting Network. Short-wave also stays useful after natural disasters or political crises. Foreign

broadcasters such as Voice of America have been stepping up their short-wave offerings to Zimbabwe in recent weeks.

Perhaps the most loyal users of all are intelligence services. So-called "Numbers stations" such as the Cyprus-based Lincolnshire Poacher (named after the jaunty tune that precedes the broadcasts) allow Britain's MI6 and others to send messages to anyone anywhere in the world, untraceably and in unbreakable code. No other medium is as ubiquitous and as secure. The only snag would be if owning a short-wave radio were to come to be seen as so eccentric as to arouse suspicion. Indeed, fewer such sets are sold these days. But as Simon Spanswick of the Association for International Broadcasting, an industry umbrella group, notes, people rarely throw their radios away.

*[This item from Australia reviews a radio sold here as the Kaito KA-1121. The units are identical, so the review should prove helpful to those in the market for a new portable. It lists for about \$180.00US, but can be had at a discount from some vendors. - JAF ed.]*

## Receiver Review: Degen DE 1121

By Craig Seager

[This review appeared in the May 2008 edition of the Australian DX News]

These days there are so few new communications receivers coming onto the market that I get rather excited when something crosses my desk that I haven't seen before. There is a little bit of activity at the semi-professional end of the market (in recent times Tentec, JRC and Icom, for example), but other than that, it is the portables that are attracting all the attention. Predictably, these are coming out of China, where the ability to mass produce some pretty smart electronic devices is now legendary. There are also signs that quality is improving, and I predict that China will take a similar trajectory to Japan in both the electronics and automotive fields; initially cheap and nasty, but over time, increasingly well-built, and perhaps even sought after (until, of

course, their cost base rises and they begin to outsource to another low-cost manufacturing country!)

John Wright was kind enough to let me have a loan of one of the recent offerings from Degen, the DE1121, and of the last few days I've been putting this compact radio through its paces. Unfortunately, I'm a bit short on time, so this will have to be a mini summary, rather than the full dissection! The DE1121 is a synthesised dual conversion design covering FM (70-108 MHz), shortwave (3-29.999 MHz), longwave and mediumwave (including the X-band). But that's not all—the innovative aspect of this model is the inclusion of a detachable MP3 player/recorder, of which we will speak more about later!

The Degen ships with a soft carry pouch, AC adapter (6V DC output), stereo bud earphones, USB cable, line in cable, external wire antenna, batteries and an installation CD.

Features include 100 memories for each band, two-step attenuator, two bandwidths, sleep timer, direct entry tuning, SSB, digital frequency display, clock and stereo through headphones. The unit is approx. 163 x 32 x 103 mm, and is powered by 3 AA cells (a separate DF6 Ni-MH "tablet" powers the MP3 player). Some of the buttons on the front panel are multi-function; the "on" micro-switch pair also toggle between MP3 and radio, whilst the band selector buttons double as controls for the MP3 functionality. The AM bandwidth selector also selects SSB with an additional press. Some operations are accessed via a menu system, and the icons on the buttons are not very intuitive; the manual is certainly needed to find your way around for a while. The manual itself could probably be set out a little better, but seems to contain everything you need to know, and in good English. Tuning can be achieved by direct entry; one pushes the enter key, then the frequency, which displays in megahertz on both the MP3 player (green) screen and a small window to the right of it. There is also a conventional rotary knob at the side, and a fine tune thumb wheel for SSB fine-tune. Steps of 1, 5 and 9 kHz are available, or 50 kHz FM. The bandwidths are well chosen for a radio in this class, narrow around 4 kHz, and wide 9 kHz, obviously striking a balance between station separation and fidelity. Alpha-numeric tags are available for the memories, and there are also scan and search functions.

Of course, la pièce de résistance of this radio is the MP3 functionality, which can be used for unattended recording from the radio, or recording from external sources via line in

or microphone. Unfortunately, I think the flash memory is only 256M (manual says 256/512), but that will still give plenty of recording time at lower bit rates (32-320 kbps possible), which is all that is needed for radio programming. A push of a button on the rear of the receiver releases the MP3 from its dock, and off you go (or it will play through the receiver's speaker). I was very pleasantly surprised to find a live version of the Eagles' "Hotel California" coming through the speaker at power-up, no doubt ripped legally licensed or ripped by the radio's owner! A Carpenters tune displayed the lyrics as well, no doubt coded into the MP3.

Of course, the specifications of this radio are not meant to be compared with high-end desktop equipment. Sensitivity on shortwave is quoted at 20  $\mu$ V, for example. However, it is by no means deaf. The first station I dialed up was Radio Nacional Amazônia on 6180 kHz at 0600 UTC, coming in quite well on the in-built whip antenna. Also, managed to listen to the Historical Radio Society of Australia (HRSA) net on 3575 kHz LSB, also on the whip. Attachment of an external antenna makes the set quite lively, but in the presence of strong signals you may need to use the attenuator from time to time to prevent overloading.

Basically, there are two reasons for buying the DE1121; obviously its portability and 300g weight makes it ideal for travel, but also the MP3 functionality. At the right price, this could be a very useful addition to the shack. Note that the Degen DE1121 is also marketed as the Kaito KA1121 in some parts of the world, and frequency coverage can vary slightly.

## Radio Pakistan

### Two New 100 KW Shortwave Transmitters

By Alan Davies, Indonesia

Via Wolfgang Buschel and WWDXC Top News

Some project details received from about the replacement of two 50 kW Short Wave transmitters at Radio Pakistan in June 2005–June 2008.

The PBC—Pakistan Broadcasting Corporation through this project will be able to project its voice throughout the important regions of Gulf, West Europe, South East Asia, South East Africa and Far East. PBC sharing of commonness with the people of the regions would provide basis for close collaboration and strong ties among masses of these regions.

Objectives of the project preferably in quantitative terms: To extend the coverage of PBC External & World Scs for the countries situated in Gulf / Middle East (Specially Saudi Arabia), West Europe, South East Asia, South East Africa & Far East in different languages such as Arabic, English, Turkish, Bangla, Persian, Sunhali, Hindi etc.

To improve the quality of PBC World Service for about 6 Million overseas and 70 thousands Pakistanis working in vessels earning huge amount of Foreign Exchange for Pakistan as well as the local listeners in the target areas. The aim is to strengthen & improve the signal of PBC World & External Services. At present PBC's signal is very weak in these regions.

The 2 x 50 kW SW Transmitters installed at Karachi in 1948-49 have gone off the air due to non-availability of its transmitting valves and spare parts. The services radiated from Karachi have to be shifted to Islamabad complex which have been over loaded. The short wave transmitters of HPT Complex Islamabad are in continuous operation from 1968 / 1972. Due to aging and non-availability of transmitting valves and spares the output of these transmitters have dropped considerably resulting in unsatisfactory / weak reception of PBC's programs in the target areas.

These transmitters require replacement. Most of the Broadcasting Organizations are using three or more frequencies for the broadcast of their World & External Services in short wave band whereas PBC is using two frequencies only due to inadequate number of transmitters and aerial system.

In view of the situation explained above, it is imperative that PBC may acquire at least two short wave transmitters of 100 kW power each along with properly designed, high frequency aerial system for the coverage of countries situated in Gulf / Middle East, West European countries, South East Asia, South Africa, South East Africa and Far East.

A large number of Pakistanis living in the Gulf & Middle East, South East Asia & West Europe will be able to listen the programmes and News of PBC.

The scheme envisages the installation of two modern, energy efficient, solid state short wave transmitters of 100 kW power each along with aerial system at Landhi Karachi for broadcasting World & External Services from Karachi. The programs will be fed from Islamabad to Karachi via Satellite. This will result in satisfactory reception of World & External Services in the target area. Millions of foreign listeners will be able to listen to the Pakistani news & views on international affairs and also entertainment programs in their own language. Simultaneously millions of Pakistani living and working abroad will get the latest information about developments taking place in the country.

At present an old building exist at the site, it was constructed in 1949. The two transmitters would be installed in the existing transmitter hall. Obsolete transmitters and related equipment are to be dismantled.

IMPORT: 2x100 kW Short wave transmitters, based on modern technology along with dummy load, Balun transformer and a set of spares. Speech Input, Test & Measuring equipment, emergency studio and STLs/ Satellite Link too. Indoor Antenna Selector switch matrix with control and interlock system. RF Feeder line 900 meter long. High Frequency Antenna System, 2 rotatable curtain systems. One functioning on the frequency range 6-11 MHz and the other functioning on 13-26 MHz complete with drive system, remote control, matching unit, supports, insulator, end terminal & grounding. Diesel Electric Generator of 750 KVA has been made with 400 volts three phase output as standby power source for the txs.

# Kim's Column

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This column, with links, is available at this URL publicized only to NASWA members: <http://kimelli.nfshost.com/index.php?id=4299>

## Dumping on Alhurra

Did you watch *60 Minutes* on June 22? CBS News and a new investigative journalism group called ProPacifica tag-teamed to find more dirt about Alhurra, the Broadcasting Board of Governors' Arabic-language television effort, and its audio counterpart Radio Sawa. "American taxpayers are paying for a Middle Eastern television network that broadcast an anti-Israeli diatribe as recently as last month," according to the ProPacifica content analysis.

But only one? We're talking about a station that transmits verbiage, much of it Arab talking heads, 24/7. That one offending passage might be considered the exception that proves the rule that Alhurra has been playing it reasonably straight.

Nevertheless, many other news items and commentaries followed on, all taking a dim view of the BBG's Arabic-language broadcasting. And, of course, there were the indignant reactions and calls for investigations. Rep. Iliana Ros-Lehtinen (R-FL) was first out of the gate, asking for a hearing of the House Foreign Affairs Committee. In recently commenting about Radio and TV Martí, Ros-Lehtinen expressed opposition to U.S. international broadcasts containing "all this diversity of thought."

On *60 Minutes*, it was interesting to see the interview snippets with Larry Register, who, in June 2007, resigned in haste as Alhurra news director during a content controversy back then. He said: "You can't make independent decisions if you have a government over you telling you what you can and can't do. It's a no-win situation, as I painfully found out."

Perhaps. But public funded international broadcasting exists because external transmissions in languages such as Burmese and Creole have no revenue potential. Governments can fund these broadcasts without controlling their content, as BBC World Service, Radio Australia, Radio Netherlands, and others demonstrate.

## Revive VOA Arabic?

The fallout from the latest flurry of news and comment about Alhurra has not yet completely fallen out. Alhurra's tumultuous days may be numbered. Congress might order it to be replaced by a resurrected Voice of American Arabic Service. This would please many VOA employees who still resent losing VOA Arabic. VOA's broadcasters' union, AFGE 1812, especially considered ominous the precedent of civil service jobs being replaced by employees and, worse, contractors of the new "excepted" Middle East Broadcasting Networks (MBN), Inc. The latter are much more easily fired.

Nibras Kazimi, in his *Talisman Gate* blog, is not keen on the possible revival of VOA Arabic: "Al-Hurra is not perfect, but it is pretty good, and in some areas, such as the Iraq-market, I tend to see it as the market leader. When Iraqi politicians want to be heard and seen, they rush to get airtime on Al-Hurra. ... In order to understand the array of anti-Al-Hurra agendas, here's a breakdown of Al-Hurra's American and Arab enemies and my take on their probable motivations [including]: Voice of America apparatchiks (federal employees, many of them leftie journalists too) who covet Al-Hurra's budget, and resent being frozen out of its control."

## Competing with BBC Arabic

The real test for Alhurra, or a VOA Arabic TV replacement, is whether it can compete with the new BBC Arabic Television. It is

probably unrealistic to expect Alhurra to have audiences larger than those of Al Jazeera and Al Arabiya. It is more reasonable to give Alhurra the goal of competing well with BBC Arabic Television. But even that may be difficult.

Providing news about the Arab world to the Arab world is a heady business. It must include coverage of Arab newsmakers who are virulently anti-Israel, or worse. Because MPs tend to understand the concept of international broadcasting, BBC Arabic Television will be allowed to succeed. Members of Congress are less prone to understand the concept of international broadcasting and might not allow U.S. international broadcasting in Arabic to succeed.

USIB Arabic could counterprogram BBC Arabic by concentrating more on the United States and the U.S. democratic process. It will have a smaller audience by concentrating on the United States than if it could provide competitive coverage of the Arab world. But it would be a niche that would provide USIB sufficient quantity and quality of audience to make its budget worthwhile.

## Replicate Cold War broadcasting?

Can the old Cold War model of international broadcasting work in the modern Middle East? Matthew Yglesias of *The Atlantic* thinks not: "The upshot of it all is that though the Arab world has many problems, it's just not a situation like Eastern Europe. Most Eastern Europeans regarded their governments as not only repressive, but as puppets of a Moscow-based Russian empire and many were willing to embrace the idea of US-assisted liberation. A lot of Americans would like Arabs to see the geopolitics of the Greater Middle East in that way, but relatively few actually do. ... The essential first step is to not let our picture of the situation be clouded by wishful thinking or a weird kind of nostalgia and al-Hurra reflects both."

Meanwhile, the indomitable ProPacifica keeps digging up dirt about Alhurra:

June 24: "Alhurra, the U.S. government-funded Arabic news channel, paid former Bush and Clinton administration officials, lobbyists and high-profile Washington journalists tens of thousands of dollars in U.S. taxpayer money to appear on the network as commentators, according to interviews and a review of company records."

June 23: "A former Alhurra employee was arrested earlier this month when he tried to break into the White House. The incident came just days after Homam Ali, 22, was allegedly fired for poor performance from his production assistant job at Alhurra, headquartered in Springfield, Va., where he had worked three years, according to two people at Alhurra familiar with his employment status."

Looks like MBN Inc. spokesperson Deirdre Kline will have her work cut out. Actually, the BBG itself has responded to all this in its own press release: "'60 Minutes unfairly portrayed Alhurra, which is watched by 26 million Arabic speakers in the Middle East each week,' said James Glassman, until recently the Chairman of the Broadcasting Board of Governors (BBG), which oversees all U.S. international broadcasting, including Alhurra. Glassman now is Under Secretary of State for Public Diplomacy and Public Affairs. 'Independent research tells us that Alhurra is relevant to people who value its balanced news and information about the region and about the United States.'"

That press release includes a link to a PowerPoint file, which you can download for your home viewing pleasure, providing remarkable detail about BBG commissioned audience research in the Arab countries.

*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 Frequency changes of *Radio Tirana*:

1730-1800 Italian 7460 SHI Mo-Sa DELETED  
1800-1830 Italian NF 7430 SHI Mo-Sa  
2000-2030 English NF 7465 SHI, ex 7460 Mo-Sa  
2030-2200 Albanian NF 9395 SHI, ex 9390  
2300-0030 Albanian NF 9345 SHI, ex 9390

(DX Mix—Bulgaria)

## ALGERIA (non) *Radio Algeria* Holy Qur'an:

0500-0557 Arabic 7305 ISS  
0600-0657 Arabic 9535 ISS  
0700-0757 Arabic 11620 ISS  
0800-1057 Arabic 13650 ISS  
1700-1857 Arabic 13570 ISS  
1900-2057 Arabic 12025 ISS  
2100-2257 Arabic 7295 ISS

(DX Mix—Bulgaria)

## AUSTRALIA *Radio Symban*

Symban@radiosymban.com.au welcomes reception reports to the above email address.

Please in the subject field put: Reception report.

- Radio Symban welcomes recordings in mp3 from your location.

Please give your name, your address, your receiver that your using along with the antennae, the time in your area. A brief outline of reception conditions.

Angelo and Con will be extremely delighted to receive your reports.

Radio Symban operates 24 hours a day on 2368.5khz. 1000 watts of power, omni directional, from Peats ridge, near Gosford NSW, Australia.

Radio Symban plays Greek music.

Good luck

John Wright, Australian Radio DX Club. (via Hard Core DX)

For the moment the reason why no one has heard this for a short while. well its off air due to an antennae problem. (Teething issue). However as soon as back on air on 2368.5 khz Radio Symban will try to advise all beforehand. Cheers from OZ.

John Wright. Australian Radio DX club. (via Hard Core DX)

**BOLIVIA** 4732 *Radio Universitaria*, Cobija, Pando, 0100 under RTTY and 1000-1030, Jun 18 and 19. (Wilkner-CO/DSWCI DX-Window)

4409.8 *Radio Virgen de los Remedios*, Tupiza, 2300-2309, 14 Jun, Castilian, religious program, announcements & music. (Carlos Goncalves, Portugal/DX Listening Digest/Hauser-OK)

## BOSNIA/SERBIA Frequency change of *International Radio Serbia*:

0000-0028 English NF 6190 BIJ Mo-Sa, ex 6185  
0100-0128 English NF 6190 BIJ, ex 6185  
2330-0028 Serbian NF 6190 BIJ Su, ex 6185  
2330-2358 Serbian NF 6190 BIJ Mo-Sa, ex 6185

(DX Mix—Bulgaria)

**BRAZIL** List of Brazilian stations heard on short-wave, logged either in Brazil or elsewhere. Last Update: June 01, 2008.

"I have included the info of very recent logs of experienced dxers. And with the help of LA DX, Lista de Emissoras Brasileiras de OC, OT e OM of DX Clube do Parana, Samuel Cassio, Marcelo Bedene and Bob Wilkner. I think in it is listed near all or all of Brazilian stations currently on air."

[I have added recently measured frequencies in brackets...ed.]

2380 Radio Educadora, Limeira SP  
3235 Radio Globo-Guaruja Paulista, Marilia SP  
3325 Radio Nossa Voz/Mundial, Sao Paulo SP  
3375 Radio Educadora, Guajara Mirim RO  
4755 Radio Imaculada Conceicao, Campo Grande MS [4754.9]  
4775 Radio Congonhas, Congonhas MG  
4805 Radio Difusora do Amazonas, Manaus AM  
4815 Radio Difusora, Londrina PR  
4825 Radio Cancao Nova, Cachoeira Paulista SP  
4825 Radio Educadora, Braganca PA  
4845 Metereologia Paulista, Ibitinga  
4845 Radio Cultura Ondas Tropicais, Manaus AM  
4865 Radio Alvorada, Londrina PR  
4885 Radio Clube do Para, Belem PA  
4895 Radio Novo Tempo, Campo Grande PR  
4905 Radio CBN Anhanguera, Araguaia TO  
4915 Radio Difusora, Macapa AC  
4915 Radio Anhanguera, Goiania GO  
4925 Radio Educacao Rural, Tefe AM  
4935 Radio Capixaba, Vitoria ES  
4965 Radio Alvorada, Parintins AM  
4975 Radio Mundial, Osasco SP [4974.8]  
4985 Radio Brasil Central, Goiania GO  
5035 Radio Aparecida, Aparecida SP  
5045 Radio Globo-Guaruja Paulista, Guaruja SP  
5055 Radio Difusora (p), Caceres MT  
5940 Radio Globo-Guaruja FM, Guaruja SP  
5955 Radio Gazeta, Sao Paulo SP  
5970 Radio Itatiaia, Belo Horizonte MG

5980 Radio Guaruja, Florianopolis SC  
 5990 Radio Senado, Brasilia DF  
 6000 Radio Guaiba, Porto Alegre RS  
 6010 Radio Inconfidencia, Belo Horizonte MG  
 6020 Radio Gaucha, Porto Alegre RS  
 6040 Radio Clube Paranaense, Curitiba PR  
 6060 Radio Tupi/Universo, Curitiba PR  
 6080 Radio Marumby, Curitiba PR  
 6090 Radio Bandeirantes, Sao Paulo SP  
 6105 Radio Filadelfia, Foz do Iguaçu PR  
 6120 Radio Globo, Sao Paulo SP  
 6135 Radio Aparecida, Aparecida SP  
 6150 Radio Record, Sao Paulo SP  
 6170 Radio Cultura, Sao Paulo (relays R. Cultura FM, mostly classical mx)  
 6180 Radio Nacional da Amazonia, Brasilia DF  
 9505 Radio Record, Sao Paulo SP  
 9515 Radio Marumby, Curitiba PR  
 9530 Radio Transmundial, S. Maria RS  
 9565 Radio Tupi, Curitiba PR [9564.9]  
 9585 Radio Globo, Sao Paulo SP  
 9630 Radio Aparecida, Aparecida SP [9629.92]  
 9645 Radio Bandeirantes, Sao Paulo SP  
 9665 Radio Voz Missionaria, Florianopolis SC  
 9675 Radio Cancao Nova, Cachoeira Paulista SP  
 9685 Radio Gazeta, Sao Paulo SP  
 11735 Radio Transmundial, S. Maria RS  
 11780 Radio Nacional da Amazonia, Brasilia DF  
 11785 Radio Guaiba, Porto Alegre RS [11784.52]  
 11805 Radio Globo, Sao Paulo SP [11804.73, added by ye ed.]  
 11815 Radio Brasil Central, Goiania GO  
 11830 Radio CBN Anhanguera, Goiania GO [11829.9]  
 11855 Radio Aparecida, Aparecida SP  
 11915 Radio Gaucha, Porto Alegre RS  
 11925 Radio Bandeirantes, Sao Paulo SP [11925.2, added by ye ed.]  
 15325 Radio Gazeta, Sao Paulo SP  
 (Lucio Otavio Bobrowiec-Brazil/Cumbre DX)

**BULGARIA** DRM tests of *Bulgarian National Radio*, prgr. Horisont:

0600-1200 11900 S0F Fr-Su  
 0900-1200 11900 S0F Mo-Th  
 1300-1600 9700 S0F Mo-Th

(DX Mix—Bulgaria)

**CANADA (non)** *Radio Republica* to Cuba:

1000-1100 Spanish 9490 SAC Mo-Fr

(DX Mix—Bulgaria)

ALSO SEE **CLANDESTINE**

**CHAD** 7120 *Radiodiffusion Nationale Tchadienne*, Gredia, N'Djam na, 1915, Jun 07, French peaking through the dominating Russia. 4905 was empty. (Savolainen-Finland in DXplorer/DSWCI DX-Window)

**CHILE** New Portuguese schedule of *CVC Voz Cristiana*:

0000-0100 Portuguese 11745 SGO, ex 0000-0400  
 0900-1100 Portuguese 6110 SGO, ex 0400-1100  
 1100-2400 Portuguese 15410 SGO

(DX Mix—Bulgaria)

**CHINA** 6042.97v, believe to be *PBS Yunnan*, heard 1234-1248, Jun 21, best in LSB, sounded like Vietnamese (which is scheduled for this time period), clearly // 6035 (best in USB to get away from 6030 QRM), both poor to fair, playing SE Asia ballads. (Howard-CA/Cumbre DX)

12015 *Sichuan PBS-2*, Chengdu, from the quake area, heard most days on 9740 and new here, in parallel. 6060 and 7225 not heard too often. Normally the only music heard here was somber piano music, but May 26 heard them playing some patriotic songs (believe about national unity and how the country will pull through this disaster). There are numerous such songs also played now on TV. (Howard-China/DSWCI DX-Window)

**CLANDESTINE** 5940 *Radio Republica*, via Rampisham (p), \*2200-2400\*, Jun 21, Spanish, ex Nauen 5955, synchronized with // 6135 beneath heavy jamming on both. (Hauser-OK/DSWCI DX-Window)

5955 *Radio Republica*, via Nauen (?), 0130-0200\*, Jun 24, Spanish talk by various persons about Cuba and Soviet Union. At 0155 plenty of ID's and an address in Miami. (Bolland-FL)

7120 Checking for Chad on a Euro remote receiver and I am hearing the strangest sound. I can hear two stations—1) two men in conversation, this is the weaker one, but sometimes fading up over two very briefly. 2) A very short loop of female singing and horn sounds, played again and again. There is an occasional pause, but less than a second. Just a guess, but let's say station one is Chad (per Jari's recent tip) and that the second station is a jammer. I have heard the loop for nine minutes solid, 1715-1724 so I don't think it is a song that is part of a program. [Later...] In listening some more, I believe jamming against the service *Voice of the People* is what is really going on here. I can hear mentions of Zimbabwe from station 1. (Johnson/Cumbre DX)

11695 *Voice of the People*, via Talata-Volonondry, Madagascar, 3rd daily transmission added, 1100-1200 introduced Jun 01 in connection with Zimbabwe's presidential run-off election on Jun 27. (RNMN via DXplorer/DSWCI DX-Window)

11785 *Hmong Lao Radio*, via WHRI (100 kW), \*1300:30-1400\*, Sa Jun 07, back from unlisted 11750 heard Su Jun 01, joining music in progress, but then mostly talk including some untranslatable English words dealing with legal matters, Vung

Pao's court battle, I suppose; traditional rustic singing with fauna chirps in background, 1400 Hmong World Christian Radio. (Hauser-OK/DSWCI DX-Window)

15650 *Miraya FM*, Juba, Sudan, via Rimavska Sobota, Slovakia, \*1500-1800\*, May 28, 31 and Jun 01, English/Arabic program to Sudan, ID's, Afropop, English reggae song, ann "Sudan Tonight" in both languages, ann a coming rally, ex 9825. (Ford, Lian-gas, Petersen and Romero/DSWCI DX-Window)

17690 *Voice of Meselna Delina*, 1820-1825, Th Jun 12, Tigrinya talk referring to Africa, America, Iran, Bin Laden. (Romero). New frequency, ex 12015. (DSWCI DX-Window)

**COSTA RICA** 5954.13v, unidentified ELCOR transmitter, Guapiles; no trace of this for weeks here (the last log—at least the last one I entered into the log-book—was on April 23). (Krueger, Florida, June 23/ DX Listening Digest/Hauser-OK)

**EGYPT** Frequency change of *Radio Cairo*:  
1900-2030 English NF 9300 ABZ, ex 9380  
(DX Mix—Bulgaria)

**GERMANY** 6005 *Radio 700*, Euskirchen, via Wertachtal (100 kW), 1300-1500, Su Jun 08, German ID, ann, requesting reception reports, Ticket Quiz on European Football Championship. Also heard 1910-1957\*, Jun 01, German ann, German and English pop songs, ID. (Bueschel-DE, Ghibaud-FR and Petersen-DK/DSWCI DX-Window) Now daily 0800-2000 on 6005 kHz and Internet Livestream at <http://www.radio700.at/streams/radio700-dsl.asx>.

(Hans Werner Lange-Germany, via Bueschel May 31/ DSWCI DX-Window)

**GERMANY (non)** Frequency change of *Radio Japan NHK World* via Media Broadcast:  
1300-1345 Bengali NF 15215 WER, ex 17595  
1345-1430 Hindi NF 15215 WER, ex 17595  
1430-1515 Urdu 17595 WER

Some other Media Broadcast changes:

**Radio Republica**:  
0100-0200 Spanish 5955 NAU Tu-Sa CANCELLED  
as of JULY 1

**WYFR Family Radio**, additional transmissions:  
1400-1500 Marathi 15640 NAU  
1500-1600 Kannada 15715 WER  
1600-1700 Tamil 15370 WER  
(DX Mix—Bulgaria)

Frequency change of **IBRA Radio**:  
1730-1800 Swahili NF 11985 JUL, ex 11915  
(DX Mix—Bulgaria)

Frequency change of **Deutsche Welle**:  
1600-1800 German NF 15485 TRM, ex 17650  
(DX Mix—Bulgaria)

The German newspaper taz published an interview with **Deutsche Welle** director Erik Bettermann: <http://www.taz.de/1/leben/medien/artikel/1/wir-sind-keine-pr-agentur-deutschlands/>

Key points:

Abandoning shortwave is unavoidable, not only because it's so expensive, also because even people in classical radio continents like Africa make only little use of it anymore, mostly limited to rural areas. In the towns one has to be on FM to reach listeners, and DW does not want to become a Landfunk [that's a sneering reference to programs for farmers which were decades ago scheduled on some German stations -kl].

Presumably we will be on shortwave a bit longer in certain areas like China, we are very flexible in this regard.

Comment: Radio Taiwan International has said in reference to visits at DW in Bonn and Berlin that the shortwave transmissions of DW will end altogether by 2012 or 2013. Maybe a few services will still remain after that deadline, but entirely managed by VTC (or whoever they may choose as contractor then). But this just remains to be seen. (Kai Ludwig, Germany, June 8/DX Magazine/Worldwide DX Club)

**GUAM** Frequency change of **AWR KSDA**:  
1600-1700 Urdu/En NF 11650 SDA, ex 6155  
(DX Mix—Bulgaria)

**HUNGARY** Updated A-08 of *Hungarian Radio*:  
0100-0200 5965 JBR  
0400-0500 3975 JBR  
1000-1100 6025 JBR  
1600-1700 6025 JBR  
2100-2200 3975 JBR  
(DX Mix—Bulgaria)

**INDONESIA** 3987.03 **RRI Manokwari**, 1347-1425, June 24, in BI, EZL songs, ToH Song of Coconut Isles, 5 minutes of news, National Anthem, back to songs, weak. Checked after ToH and found // to RRI Fak Fak (4790.03). (Howard-CA/Cumbre DX)

4790.03 **RRI Fak Fak**, 1243-1311, June 18, in BI, EZL pop songs, ToH singing jingle, song of Coconut Isles, R.R.I. ID, news, fair with light CODAR QRM. (Howard-CA/Japan Premium)

**IRAN** Updated summer A-08 of **VOIROI/IRIB**:  
0030-0127 Bengali 6025 7115  
0030-0227 Spanish 9655 9905  
0100-0227 Tajik 6175 7285  
0130-0227 Urdu 7105 9480 9845

0130-0227	Kazakh	7115 9790	1700-1757	Russian	3985 7175
0130-0227	English	7235 9495 Voice of Justice	1730-1757	Urdu	6175 7220
0230-0257	Hindi	15165 17635	1730-1827	Swahili	7130 9655
0230-0257	Uzbek	9740 11945	1730-1827	German	*6180 9940 15085
0230-0327	Pashto	7130 9605	1800-1857	Bosnian	7295 9860
0230-0327	Spanish	9905	1830-1927	Russian	6205 7235
0230-0427	Arabic	6025 7375	1830-1927	French	*7260 9940 13755 15085
0300-0327	Armenian	7255 12025	1830-1927	Albanian	9545 9570
0300-0327	Russian	9650 11925	1830-1927	Hausa	7170 9925
0300-0627	Dari	11910 13740	1930-1957	Italian	5910 7380
0330-0427	Kurdish	7255 Sorrani dialect	1930-2027	English	6205 7205 *7260 9800 9925
0330-0427	Arabic	9610 11875 "Voice of Palestine"	1930-2027	Russian	3985 7370
0330-0427	Swahili	15265 15340	2030-2127	Spanish	*6055 7300 9800
0330-0527	Azeri	13710	2030-2127	Albanian	9535 11830
0430-0457	Hebrew	9610 11875	2100-2157	Japanese	9690 11765
0430-0527	Arabic	13790 13800	2130-2227	Bosnian	7305 9810
0430-0557	Turkish	11685 13640	2230-2327	Malay	5945 7310
0500-0527	Russian	9850 13750 17595 17655	2330-0027	Chinese	11740 11970 13715
0530-0627	Bosnian	13750 15235	* via Sitkunai, Lithuania (DX Mix—Bulgaria)		
0530-0627	Spanish	15530 17785	<b>ISRAEL</b> Army radio <i>Galei Zahal</i> is back on air exact 15785.00 shortwave, checked around 1040 UT, June 19. (Bueschel-Germany/Hard Core DX)		
0530-0827	Arabic	13790 13800 15150	<b>JAPAN NHK Radio Japan</b> frequency changes 8th June, 2008		
0600-0657	Hausa	17810 17870	1300-1345	Bengali	15215, ex 17595
0630-0727	French	13710 15430	1345-1430	Hindi	15215, ex 17595
0630-0727	Italian	*11670 13770 15085	(Gupta-India/Cumbre DX)		
0630-0727	Albanian	13810 15235	<b>KUWAIT Radio Kuwait</b> 2008 summer schedule:		
0730-0827	German	15085 15430	0000-0145	Arabic	11675*
0730-0827	Pashto	11990 15440	0145-0200	Arabic	6055 11675*
0830-0927	Bengali	11705	0200-0300	Arabic	6055 11675* 15495
0830-0927	Swahili	15240 17660	0300-0400	Arabic	6055 11675 15495
0830-1027	Arabic	9885 13800 15150	0400-0700	Arabic	6055* 11675 15495
0830-1427	Dari	9940 13720	0500-0800	English	15110
0930-0957	Armenian	9695 15260	0700-0800	Arabic	6055* 15495
1030-1127	English	15600 17660	0800-0915	Arabic	6055+ 15495
1030-1427	Arabic	13790 13800 15150	0800-1000	Persian	9750
1200-1227	Hebrew	13685 15260	0915-0930	Arabic	6055+ 13620* 15495
1200-1257	Chinese	13735 15190 17635 17670	0930-1015	Arabic	6055+ 13620*
1230-1327	Malay	15200 17555	1000-1200	Filipino	17885
1230-1327	Pashto	6175 9790 11730	1015-1200	Arabic	6055+ 13620*
1300-1357	Kazakh	11665 13765	1015-1745	Arabic	15505 Holy Qu'ran
1330-1427	Japanese	13755 15555	1200-1305	Arabic	6055+ 13620*
1330-1427	Urdu	6000 9665 11695	1200-1505	Arabic	17885 Holy Qu'ran
1330-1427	Kurdish	5990 Sorrani dialect	1305-1315	Arabic	13620*
1430-1457	Dari	9940	1315-1745	Arabic	9880*
1430-1527	Bengali	6130 9520 12085	1515-1745	Arabic	9880* 13620
1430-1527	Hindi	11995 13805	1745-1800	Arabic	9880* 13620
1430-1527	Russian	*6145 7160 9580 9900	1800-2100	English	11990
1430-1527	Pashto	5890	1800-2115	Arabic	9855 9880* 15495 15505
1430-1627	Kurdish	5990 Kirmanji dialect	2115-2130	Arabic	9855 15495 15505
1430-1627	Arabic	15150	2130-2200	Arabic	9855 15495
1430-1657	Azeri	6200	2200-2400	Arabic	9855 11675* 15495
1500-1557	Uzbek	5945 9680	*DRM+ alternate 7250		
1530-1627	English	7375 9600	(R. Kuwait, via Peter Boeck-DE, wwdxc BC-DX June 16/Bueschel-DE)		
1530-1727	Urdu	5890			
1600-1727	Turkish	7165 9870			
1600-1727	Tajik	5945 5955			
1630-0227	Arabic	6025			
1630-1727	Armenian	7230 9780			
1630-1727	Pashto	6000 7195			

**LIBERIA** I haven't seen any loggings of *Radio Veritas*, Liberia (5470/6090) for some time. According to a message from the station received on 13 June, they are having problems with their shortwave transmitter and are presently moving to a new site. (Jari Savolainen-Finland/Cumbre DX)

**MALI** 7284.5 *Radio Mali*, Bamako, 0920-1800\*, Jun 21 and 22, Vernacular, French sports news, African songs, talks, Vernacular again at 1600, IS at s/off preceded by frequency ann in French, // 9635 which was better. (Goncalves-Portugal/DSWCI DX-Window)

**MEXICO** 6104.5 *Candela FM*, Merida, Yucatan, 1029-1320, Jun 04, 07 and 08 (but not on Jun 09), Spanish with various IDs, mentions of Merida, music, blasting in. Also heard 0030 on Jun 09, but was off at 0045 recheck. Wilkner first reported this UNID carrier 6104.75 on Apr 14! (Bolland-FL and Wilkner-CD/DSWCI DX-Window)

"After reading Glenn Hauser's report, I called the director of "RASA Merida," Bernardo Laris, who amiably informed me that they have indeed been transmitting for two months, after a lapse of several years. It's relaying the programs from its medium-wave station in Merida, the State Capital of Yucatan. They use the same old transmitter of 250 watts, with all associated problems.

"The station has been looking to obtain a new transmitter, hoping to transmit 24 hours a day—12 hours in Mayan language and the other 12 hours simulcast from "Radio 620," main station of "Gran Cadena RASA" Chain, Mexico City.

"For the past two days 6105 has been off due to transmitter problems. Nonetheless today I heard it around 2300 UTC." (Julian Santiago Diez de Bonilla—Mexico/Conexion Digital/Grupo Radioescucha Argentino)

**MOLDOVA (non)** 7125 *RadioKompaniya*, via Moldova relay, 0015-0040, Steady Russian language comments and features with males and a female doing the talking. Except for the language, this format sounds like talk radio news stations here in the states several years ago—interesting listening. Identification break at 0132 which was a canned announcement, very brief, then back to talk. (Bolland-FL, June 22/Cumbre DX)

**NETHERLANDS (non)** Frequency changes of *RNW*:

0700-0757	Dutch	9625 BON CANCELLED
0900-0957	Dutch	9795 SAI
1200-1257	Dutch	NF 17740 MDC, ex 17745

(DX Mix—Bulgaria)

**NEW ZEALAND** *Radio New Zealand International*, from 19 June:

0259-0458	11675*
0459-0658	9615 9890*
0659-1058	6170* 7145
1059-1158	6170*
1059-1258	9655
1300-1550	6170
1551-1850	6170* 7145
1851-1935	9890*
1851-1950	9615
1936-2050	11675*
1951-2050	11725
2051-2235	15720 13730*
2236-0258	13730*
2236-0458	15720

\*DRM (Adrian Sainsbury, RNZI/DX Listening Digest/Hauser-OK)

**PAKISTAN** Pakistan is changing to daylight saving time. This affects *Radio Pakistan* Foreign Service and VOA Urdu Service. (Gupta-India and Koie-Denmark/DSWCI DX-Window) [Time change reflected in schedule that follows - ed.]

Updated summer A-08 of *Radio Pakistan*:

0015-0100	Bangla	9380.4
0115-0200	Hindi	9380.4
0300-0330	Gujarati	9380.4
0400-0600	Urdu	15100 17835
0730-1000	Urdu	15100 17835
0930-1030	Hindi	9340.4
1000-1005	English	15100 17835
1100-1145	Bangla	9340.4
1100-1200	Chinese	9385 11510
1300-1400	Pashto	6065.4
1330-1430	Urdu	9385 11565
1330-1430	Dari	6060.4
1500-1515	English	9385 11565 15625.4
1600-1700	Persian	7500.4
1600-1800	Urdu	7530 9390
1815-2345	Urdu*	6065.4
2345-0115	Urdu	11580 15480

\*Islamabad program (DX Mix—Bulgaria)

The split frequencies are via faulty 100kW unit API-3, except Urdu at 1915-0045—now at 1815-2345—which is via API-4. This unit is used at other times to broadcast domestically the Current Affairs program, and which should now air at 0100-0300 on 5940 and 1200-1700 on 4835. Other external transmissions are via 250kW units API-5 & 6. The Chinese service now at 1100-1200 has changed frequency from 11570 to 11510 // 9385. World Service in Urdu to West Europe at new time 1600-1800 will need a new frequency on 9 MHz to avoid a clash with R. Liberty in Uzbek on 9390 via Udorn at 1600-1700—as pointed out by Wolfy. 7530 continues. (Noel Green-UK/Cumbre DX)

**RUSSIA** *Voice of Russia* new Kurdish transmission:  
1600-1700 Kurdish 5925 NWS 7325 ARM

Some other changes for *Voice of Russia*:

1600-1800 Arabic NF 13670 MSK, ex 13730  
1700-1800 Italian NF 13750 S.P, ex 15465  
1700-1800 French 15465 MSK, additional  
frequency  
1830-1900 Arabic 7130 S.P CANCELLED  
(DX Mix—Bulgaria)

**SINGAPORE** *Radio Singapore International (RSI)*, the shortwave service run by MediaCorp Radio, is shutting down at the end of next month. The station, which was set up in February 1994, broadcasts to the region in four languages, including English, Chinese, Malay and Bahasa Indonesia. It has a following in countries such as Malaysia, Indonesia, Thailand and China.

MediaCorp said in a press release on Jun 03 that the effectiveness of a SW radio service has "diminished over time with changing technology and media consumption habits." (Source: The Straits Times website, Singapore, Jun 4 via Padula-Australia and Liangas-Greece/DSWCI DX-Window)

Responding to my reception report Karamjit Kaur, Sr Station Administrative Executive at RSI English Service informed that Radio Singapore International will cease transmission from end July 2008, they are in the midst of winding down with last broadcast on 31<sup>st</sup> July 2008. (Gupta-India/Cumbre DX)

**SLOVAKIA** Frequency change of *Miraya FM Radio* in English/Arabic to Sudan:  
1500-1800 NF 15650 RSO, ex 9825

New transmission of NEXUS-IBA *IRRS Short-wave*:

1400-1430 English 15725 RSO Sun  
(DX Mix—Bulgaria)

**SPAIN** Frequency change of *REF* in French and English:

1900-2100 NF 11620 NOB Mo-Fr  
(DX Mix—Bulgaria)

**SRI LANKA** Frequency change for *Deutsche Welle*:  
1300-1330 Chinese NF 13735 TRM, ex 13840

(DX Mix—Bulgaria)

**SWEDEN** Updated summer A-08 schedule of *Radio Sweden*:

0000-0030 Swedish 9490  
0100-0130 Swedish 6010  
0130-0200 English 6010  
0200-0230 Swedish 6010 11550  
0230-0300 English 6010 11550  
0300-0330 Swedish 9490  
0400-0500 Swedish\* 6065 9490 Mo-Fr

0500-0600	Swedish*	6065 Mo-Fr
0500-0805	Swedish*	9490 Sa
0600-0700	Swedish*	9490 Mo-Fr
0700-0900	Swedish*	9490 Su
1200-1230	Swedish	15735
1200-1230	Russian	15525
1230-1300	English	15240
1300-1315	Swedish	15735 Mo-Fr
1300-1330	Russian	12075
1300-1330	Swedish	15240
1300-1330	Swedish	15735 Sa/Su
1315-1330	Swedish	15735 Mo-Fr
1330-1400	English	15735
1400-1430	Russian	12085
1400-1430	Swedish	13820 15735
1430-1500	English	13820 15240
1445-1600	Swedish*	6065 Sa
1445-1615	Swedish*	6065 Mo-Fr
1500-1530	Swedish	11590 15240
1530-1600	English	11595
1600-1630	Assyrian	11590 Th/Fr
1600-1630	Swedish	7480
1600-1630	Persian	11590 Mo-We
1630-1700	Russian	7480
1630-1700	Kurdish	11590 Mo-Fr
1700-1730	Swedish	6065
1700-1730	Swedish	11555 Mo-Sa
1730-1800	Belarussian	6065 Sa-Tu
1730-1800	English	6065 We-Fr
1730-1800	Arabic	11555 Mo-Fr
1800-1830	Swedish	6065 13710
1830-1900	Russian	6065
1900-1930	Swedish	6065
1930-2000	Russian	6065
2000-2030	Swedish	7395
2000-2030	Swedish	6065
2030-2100	English	6065 7395
2030-2100	Romany	5850 Sa
2100-2130	Romany	5850 Sa/Su
2100-2130	Swedish	6065 7420
2130-2200	English	6065 7420
2230-2300	English	9800 DRM

\*relay HS-1 (DX Mix—Bulgaria)

**TURKEY** Some changes for *Voice of Turkey*:

1530-1555 Serbian 9690 CAK NEW  
1600-1605 Croatian 9605 EMR, ex Serbian  
(DX Mix—Bulgaria)

**UGANDA** 4750 *Radio Dunamis* had been back up on 4750 from 6pm to 10pm local time (1500-1900 UCT), but is now off the air again with transmitter problems. Maintenance work is in progress but moves slowly in Uganda. Per Marty McLaughlin at BVB. (Churchill/Cumbre DX)

**UNITED KINGDOM (non)** VT Communications changes:

*Southern Sudan Interactive Radio Instruction*:  
1300-1330 English NF 15760 MEY mo/We/Fr, ex 15485

**WYFR Family Radio**, additional transmissions:  
 1800-2000 English 11775 SKN  
 1900-2000 English 9685 DHA

**West Africa Democracy Radio** in English/  
 French/English/French:  
 0700-1100 17875 SKN CANCELLED

**IRIN Radio (Integrated Regional Information Network):**  
 0830-0845 Somali NF 13685 DHA, ex 1730-1745 7290 MEY

**Radio Prague** frequency change:  
 0000-0027 Spanish NF 7275 ASC, ex 11665

**Trans World Radio Africa:**  
 1730-1800 Tigrinya 9805 DHA Su, ex Fr

**Leading The Way**, all cancelled:  
 0330-0400 Persian/En 9845 SKN Fr/Su  
 (DX Mix—Bulgaria)

Summer A-08 schedule of **FEBA Radio:**  
 0015-0030 Bangla 7375 TAC  
 0030-0045 var langs 7375 TAC Mo/Tu  
 0030-0045 Bangla 7375 TAC Th-Sa  
 0030-0045 Hindi 7375 TAC Su/We  
 0030-0100 Tamil 7225 DHA  
 0045-0100 Hindi 7375 TAC  
 0130-0200 Telugu 9725 DHA Su/Th/Fr  
 0145-0200 var langs 9725 DHA Mo/Tu/  
 We/Sa

0200-0230 Pashto 9725 DHA  
 0200-0230 Urdu 12035 DHA Mo-Sa  
 0200-0300 Urdu 12035 DHA Su  
 0230-0300 var langs 12035 DHA Mo-Sa  
 0230-0300 Dari 9725 DHA  
 0800-0845 Arabic 15280 MOS  
 1200-1230 Tibetan 15215 DHA  
 1400-1415 Malayalam 12025 DHA Mo-Sa  
 1400-1430 English 12025 DHA Su  
 1400-1445 Urdu 9500 NVS  
 1415-1430 var langs 12025 DHA mo-Sa  
 1430-1445 Urdu 12025 DHA  
 1430-1500 Hindi 9540 TAC  
 1430-1500 Pashto 9830 ARM  
 1445-1500 var langs 12025 DHA Su-Tu  
 1445-1500 Kashmiri 12025 DHA We-Sa  
 1445-1500 var langs 9500 NVS  
 1500-1530 Bangla 7370 TAC  
 1500-1530 Dari 9830 ARM  
 1515-1530 Baluchi 9840 ARM Fr-Su  
 1530-1545 Hazaragi 9830 ARM  
 1530-1545 Amharic 12125 MEY  
 1530-1600 Persian 9840 ARM  
 1545-1600 var langs 9830 ARM  
 1545-1600 Makonde 12125 MEY  
 1600-1630 Guragena 12125 MEY Mo-We  
 1600-1630 Amharic 12125 MEY Th-Su  
 1600-1630 Afar 11655 ARM  
 1630-1700 Amharic 9865 DHA Th-Sa

1630-1700 Tigrinya 9865 DHA S-We  
 1630-1700 Amharic 12125 MEY  
 1700-1730 Orominya 6180 DHA  
 1700-1730 Somali 9865 KIG  
 1730-1757 Tigrinya 9865 KIG  
 1830-1900 French 7255 MEY  
 1900-1930 Arabic 7230 WER  
 1900-2030 Arabic 9550 KIG  
 2145-2215 Hassinya/Pulaar1985 ASC Th/Fr  
 (DX Mix—Bulgaria)

The **BBC World Service** is to close its Romanian language service, after 69 years of broadcasting. Transmissions in Romanian will cease on 1 August. In a statement, World Service Director Nigel Chapman praised the service, which he said had been "a beacon of free and independent information." The closure was a result of increased media competition in Romania, falling audiences and the need for savings across the World Service, he said. The Romanian Service will be the only language service to close during the term of the current World Service budget, which runs until April 2011, he said. The World Service plans to retain all 31 remaining language services, six of them within Europe. <http://news.bbc.co.uk/1/hi/world/europe/7473778.stm> (Gupta-India/Cumbre DX)

**UNITED STATES** Frequency change of **WWCR:**  
 1100-1600 NF 7490 WCR, ex 7465

Some frequency changes for **IBB:**  
 0200-0300 Uzbek NF 12025 IRA, ex 9460 **RL**  
 1000-1200 Russian NF 9585 LAM, ex 21530 **RL**  
 1230-1330 Khmer NF 12140 TIN, ex 11870 **RFA**  
 1400-1500 English NF 9345 PHX, ex 15185 **VOA**  
 1400-1500 Uzbek NF 12005 UDO, ex 11715 **RL**  
 1400-1600 English NF 7430 PHT, ex 7125 **VOA**  
 1500-1600 English NF 9345 IRA, ex 13735 **VOA**  
 1530-1600 Persian NF 12110 IRA, ex 11665 **VOA**  
 1600-1700 Tajik NF 11895 LAM, ex 9565  
 1600-1800 Turkmen NF 11975 LAM, ex 11895  
 (DX Mix—Bulgaria)

Frequency changes for **Voice of America:**  
 0000-0100 Urdu\* 7135 IRA 11755 IRA NEW  
 0100-0200 Urdu\* 7145 IRA 11805 UDO  
 CANCELLED  
 1300-1400 Urdu\* 9340 KWT/UDO 15790  
 IRA NEW  
 1400-1500 Urdu\* 9510 UDO 15790 KWT  
 CANCELLED  
 1200-1300 Pashto\*\* 7445 UDO 9310 KWT  
 9380 IRA/UDO 9780 IRA  
 NEW  
 1800-1900 Pashto\*\* 7445 IRA 9310 KWT/UDO  
 9380 UDO 9780 UDO/  
 KWT CANCELLED  
 1900-2000 Kurdish NF 12030 LAM, ex 11745  
 2000-2030 Ukrainian NF 7170 BIB Mo-Fr, ex  
 7230

2000-2015	Ukrainian	NF 7170 BIB Sa/Su, ex 7230	1200-1300	English	12130 Th-Tu
			1230-1300	English	12130 We
			1300-1400	English	12130 Sa/Su
			1300-1400	English	9930 Mo-Fr
			1400-1500	Chinese	9930 Sound of Hope Radio
			1500-1800	English	9930

\* **Radio Aap Ki**  
 \*\* **Deewa Radio**  
 (DX Mix—Bulgaria)

Starting on Monday 23 June, the frequency of the **VOA Studio 7** broadcast to Zimbabwe via the RNW Madagascar relay station at 1700-1800 UTC changed from 13755 to 11605 kHz. (Sennitt via Johnson/Cumbre DX)

Additional transmissions of **WYFR** via Media Broadcast:

1800-1900	English	13790 WER
1900-2000	English	11865 NAU

(DX Mix—Bulgaria)

Updated summer A-08 of **World Harvest Radio**:

WHRI Angel 1

1300-1800	English	9495
1800-1900	English	17520 Mo-Fr
1800-1900	English	9495 Sa/Su
1900-2000	English	9495
2000-2100	Ibo	15280 VO Biafra Int'l. Fr [still reported on 17650]
2000-2100	English	17650 Sa-Th
2000-2100	English	9495 Sa-Th
2100-2300	English	7385
2300-1300	English	7315

WHRI Angel 2

0000-0300	English	7385
0300-0400	English	6110 Mo-Fr
0300-0400	English	7385 Sa/Su
0400-0700	English	7365
0700-0900	English	11565 Mo-Fr
0700-0900	English	5875 Sa/Su
0900-1000	English	5875
1000-1200	English	9425
1200-1300	English	9410 Mo-Fr
1200-1300	Spanish	9410 BBC Mo-Fr
1200-1300	English	9410 Sa/Su
1300-2000	English	9840
2000-2200	English	15665
2200-2400	English	9615

KWHR Angel 3

0100-0430	English	17800 Sa
0100-0500	English	17800 Su-Fr
0430-0500	Japanese	17800 JAP# 0430- 0500 Sat
0500-0600	Japanese	13650 Su
0500-0800	English	13650 Mo-Sa
0600-0800	English	13650 Su
0800-0900	Japanese	9930 Sa
0800-1200	English	9930 Su-Fr
0900-1200	English	9930 Sa
1200-1230	Vietnamese	12130 Hoa-Mai Radio We

KWHR Angel 4		
0500-1100	English	11565

WHRA Angel 5

0300-0400	Russian	5850 Su
0500-0700	English	7490 Sa/Su
1200-1400	English	15710 Sa/Su
1400-1530	English	15195 Su
1400-1600	English	15195 Sa
1530-1600	Russian	15195 Su
1600-1800	English	17520
1800-1830	English	17690 Th/Fr
1800-1830	Tigrinya	17690 Th/Fr
1800-1900	English	17690 Mo
1800-2000	English	17690 Su/Tu/We/Sa
1900-2000	Amharic	17690 Mo
2000-2100	English	11885 Sa/Su
2000-2100	English	7520 Mo-Fr
2100-2300	English	11885
2300-0300	English	5850 Su
2300-0500	English	5850 Mo-Sa

WHRI Angel 6

0000-0700	English	5875
0700-1300	English	7385
1300-1400	Lao	11785 Sa/Su Hmong Lao Radio
1300-1430	English	11785 Mo-Fr
1400-1430	English	11785 Su
1400-1430	Hmong	11785 Sa Hmong Lao Radio
1430-2400	English	11785

(DX Mix—Bulgaria)

Updated A-08 **Radio Free Asia** schedule:

0000-0100	Lao	15545TIN 15690IRA
0030-0130	Burmese	13820IRA 13865TIN 17835SAI
0100-0200	Uyghur	9350 9490BIB 11895UAE 11945UAE 17640TIN
0100-0300	Tibetan	9365KWT 11695UAE 11975WER 15225TIN 17730
0300-0400	Burmese	11605IRA 17830TIN
0300-0600	Mandarin	13760SAI 15130TIN 15635IRK 15680TIN 17615TIN 17880SAI 21550TIN 21690TIN
0600-0700	Mandarin	13760SAI 15165TIN 15635IRK 15680TIN 17615TIN 17880SAI 21550TIN
0600-0700	Tibetan	17510 17780KWT 21500TIN 21690UAE

1000-1100	Tibetan	15460LAM 17750KWT 21510KWT	1900-2000	Mandarin	7260TIN 7355TWN 9355SAI 9455SAI
1100-1200	Lao	9355SAI 15560IRA			9850TIN 9865TIN
1100-1200	Tibetan	7470 13830 15375UAE 17750KWT			9905PAL 11700 11785TIN 13625TIN 15510TIN
1130-1230	Khmer	9455TIN 12140TIN until August 2	2000-2100	Mandarin	7260TIN 7355TWN 9355SAI 9455SAI
1200-1400	Tibetan	7470 11590KWT 11605TIN 13830 15375UAE			9850TIN 9905PAL 11700 11740TIN 11785TIN 13625TIN
1230-1330	Burmese	9320IRA 9455TIN 13675TIN	2100-2200	Mandarin	7105TIN 7355TWN 9850TIN 9905PAL
1230-1330	Khmer	9320IRA 9455TIN 12140TIN-2x 13675TIN 15525IRA			11740TIN 11935TIN 13625TIN
1330-1400	Burmese	9320TIN 9475TIN 11540TIN	2100-2200	Korean	7460 9385TIN 9770TIN 12075SAI
1400-1430	Burmese	9320TIN 11540TIN	2200-2300	Tibetan	5865TIN 7500TIN 9880LAM
1400-1500	Vietnamese	9455SAI 9715TIN 11605TWN 11680TIN 12140IRA	2200-2300	Cantonese	9355SAI 11715TIN 11785TIN
1400-1500	Cantonese	7280TIN 11595SAI	2230-2330	Khmer	7580IRA 13740TIN
1500-1600	Korean	5870IRA 7210IRK 7490TIN	2300-0000	Tibetan	7470 7500KWT 9805UAE 9875TIN
1500-1600	Tibetan	9370 11550KWT 11585TIN 11795UAE	2300-2400	Mandarin	7540 11760TIN 11785TIN 15430TIN 15485SAI 15585TIN
1500-1600	Mandarin	9455SAI 9905PAL 11540TIN 12005TIN 12025SAI 13675TIN 15495TIN	2330-0030	Vietnamese	7525IRA 11580 11605TWN 13740SAI 15535VLD 15560TIN
1600-1630	Korean	7490IRA			
1600-1700	Korean	5870IRA 7210IRK			
1600-1700	Mandarin	9455SAI 9905PAL 11540TIN 11795 12025SAI 13675TIN 15530TIN			
1600-1700	Uyghur	9350IRA 9370 9555UAE 11750IRA			
1630-1700	Korean	7490TIN			
1630-1730	Burmese	7505TIN 9305IRA			
1700-1800	Korean	5870TIN 7465TIN 9370IRA			
1700-1800	Mandarin	7260TIN 7280TIN 9355SAI 9455SAI 9540TIN 9905PAL 11540TIN 11795 13625TIN			
1730-1830	Burmese	7505IRA 9300TIN			
1800-1900	Mandarin	7280TIN 7355TWN 9355SAI 9455SAI 9540TIN 9865TIN 11540SAI 11700 13625TIN			
1800-1900	Korean	5870TIN 7210TIN 7465TIN			

(RFA website via Gordon Brown-UK NWDXC April 4; updated June 23 BCDX June 26/DX Listening Digest/Hauser-OK)

**UZBEKISTAN** Frequency change of *CVC The Voice Asia*:

1100-1400 Hindi NF 9660 TAC, ex 13820  
(DX Mix—Bulgaria)

**VENEZUELA** 4939.97 *Radio Amazonas*, Puerto Ayacucho (p), 2256-0340, May 31, Jun 01, 03 and 04, cumbias and other pop music, ann in Spanish, ID at 0126. (Alexander-PA via DXplorer, Petersen and Wilkner/DSWCI DX-Window) Also heard at 1010-1040, Jun 04 and 06, Spanish, but badly distorted signal "FM'ing," AM quality acceptable; difficult to zero beat in SSB. (Petersen-Denmark/DSWCI DX-Window)

**ZIMBABWE (non)** New transmission for *Voice of People*:

1100-1200 English 11695 MDC  
(DX Mix—Bulgaria)

# QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



**ABU DHABI: WYFR Family Radio** 7160 via Dhabya rcvd. my second QSL w/ f/d "Three Decades of Faithful Service 1973-2003" cd. in 42 ds. w/ stickers and religious booklets. This probably came as a result of writing to the Florida address. (D'Angelo-PA).

**AUSTRALIA: HCJB Global** 15525 and 15405 f/d email ltr. in 3 ds. for an email rpt.

\* (Ronda-OK). **VMC** 6230 and **VMW** 8113 in Char-

leville and Wiluna respectively. f/d cd. from Mike Dalakis, Bureau of Meteorology, Communications Section, 700 Collins Street, Docklands, 3008, Australia. Email: M.Dalakis@bom.gov.au All in 36 ds.

**STATION NOTES: Radio Paucartambo** Cusco 6520 v/s Roberto Villasante, Administrador of the Cesar Perez Dioses, Addr: Plaza de Armas 124,

Paucartambo, Peru. **Radio Sicuani** 4825 v/s Mrs. Doris Ochoa Vargas, Director Address: Jr. Dos de Mayo 206, Sicuani, Peru. **Radio San Miguel** 4965 v/s

David Terrazas Irina, Addr: Avenida Huanya Capac 146, Distrito Wanchaq, Peru. **Radio Universal** 6090 v/s Luis Villasante Colpaert, Director Gerente. Email: webmas tercpn@gestion.com.pe Addr: Jiron Jose Santos Chocano G-11, Urbanizacion Santa Monica, Cusco, Peru ...via PLAY DX..Sam.

The stations says they are now sending QSLs electronically due to the large number of reports. (D'Angelo). **BELGIUM: RTBF** 9970 f/d email ltr. in 1 day v/s Fabienne Pasau. (Ronda-OK).



## NIGERIAN BROADCASTING CORPORATION

BROADCASTING HOUSE  
KOYI  
LAGOS

Telegrams & Cables:  
BROADCASTS, LAGOS  
Phone: 51 660-5, 25921

12th January, 1977

REG/PROP/CL/76/Vol.3/69:

Samuel L. Barto,  
245 Cherry Avenue,  
APT. J-11,  
WATERLOO, CONN.  
U.S.A. 06795.

Dear Listener,

Thank you for your letter of the 21st of December 1976 and I confirm that the programme you listened to was from our transmitter on a frequency of 4990 KHz. This frequency has been in use by us for many years. But the 20 Kw transmitter for the frequency has just been replaced with 50 Kw transmitter. This might have given rise to a frequency drift whereby its programme is now being picked on a frequency of 4990 KHz. An official announcement on this will be made in due course.

But then we will very much appreciate your sending us reports on our programmes regularly.

As the above frequency is for our Home Service transmission, I am now sending to you a copy of Programme Schedule for our External Service transmission. Though the Schedule is slightly out of date, you will definitely find the frequencies useful: particularly 7275 KHz for which we have had so many reports from your part of the world.

Yours faithfully,

  
R.L.A. Gise-Oghaede,  
S.T.O. (Monitoring)

CHINA, PEOPLES REPUBLIC

\* OF: Guanqxi Foreign Broadcasting Service  
9820 via China Radio International f/d "National Aquatics Centre" cd. in 34 ds. v/s Ying Lian, English Service. Addr: No. 75, Minzu Dadao, Nanning, Guangxi Zhuang Autonomous Region, 530022. WEB: http://gxfbs.com.cn/ (D'Angelo-PA).

CLANDESTINE: Bukhan Seongyo Bangsong 9940 via Taiwan(?) f/d ltr. in 1 mo. from v/s Michael Jeter at Cornerstone Ministries International, P. O. Box 4002, Tustin, CA 92781. (Barto-CT)

DJIBOUTI: Radiodiffusion Television de Djibouti - Station de Djibouti 4780 f/d ltr. in 4 mos. (Barto-CT).



DIRECTORATE GENERAL  
ALL INDIA RADIO  
New Delhi-110001, INDIA

No. 31/04 EMI/149 Dated 25.06.04

Dear Sir/Madam,

We gratefully acknowledge and confirm your Reception Report.

Date 02.02.04. Frequency 9810, 7250 kHz

Time 01:28:42 Station PANAJI

आपका प्रेषण प्राप्त हुआ है।  
सर्वशुभ।  
नवीन आवंटन (Assignments)  
(K. SHARMA)

सुभाष चक्र, वर्ष 1997 (सं. 100)  
Out-Mod. 4-1997 (1st century)

O.I.G.S



M. RICHARD A. D'ANGELO

2276 BURKEY DRIVE

WYOMISSING, PA. 19610

U.S.A.

STATION NOTES: Radio Waves International 6325 v/s Peter Hills and Philippe. Addr: P.O. Box 130, FR-92504 Rueil - Cedex, France. Skyline International Radio Holland 6292 Email: skylinehorizon221@hotmail.com

Westcoast Radio 3923 and 6325 Email: westcoastam@hotmail.com Radio Liberty 9520 via Jaszbereny Addr: Vinohradska 1, CZ-110 00 Prag 1, Czech Republic. Voice of America 7220 via site in Hungary Email: letters@voa.gov Addr: US Information Agency, 330 Independence Avenue SW, Washington DC....via PLAY DX.....Sam.

西藏人民广播电台简介

西藏人民广播电台于1969年1月1日正式开播,已经走过40多年的光辉历程。西藏人民广播电台现在使用藏语拉萨话、藏语康巴话和汉语普通话播音。现有新闻综合频道(汉语)、经济生活频道(汉语)、藏语拉萨话频道、藏语康巴话等频道4套节目。全天播出73小时25分钟。1991年5月18日全套节目上卫星播出以来,为自治区内外听众提供了高质量的节目信号源,提高了广播人口覆盖率,全区广播人口覆盖率达82%。同时,还现辐射到亚洲、非洲、欧洲、大洋洲的众多国家,如美国、日本、德国、澳大利亚、芬兰、加拿大、瑞典、印度、不丹等。西藏人民广播电台根据全区90%以上是藏族群众的实际,一贯坚持“藏语为主,推广汉语,面向基层,面向农牧民”的节目方针,坚持正确舆论导向,遵循新闻客观规律,尽力贴近百姓生活。全台自办新闻、专题、文艺类节目近30个,涌现出一批深受听众喜爱的栏目,如《西藏新闻联播》、《格桑梅朵》(今夜掌灯)、《对农牧区广播》、《开心碰碰车》(中国西藏)等。

西藏人民广播电台现任台长: 真树吉  
西藏人民广播电台台址: 西藏自治区拉萨市北京中路4号

ECUADOR: HCJB 11960 and 9745 QSLs in SP for a SP transmission v/s Douglas Weber, Director. Also rcvd. station pennant, a copy of a ltr. from a Cuban listener who wants to correspond w/ me and a personal note thanking me for years of listening and reporting to the station. (Field-MI).

PERU: Radio Manantial 4990.8 received a second QSL through the postal means in 38 ds. via registered mail from v/s Pastor Leoncio Paco Conce, Gerente Administrativo de Radio Manantial. Also rcvd. p/d ltr. w/ a n/d cd. and a very nice 5.5 x 3.75 inch colorful hanging wall tile of Huancayo peasants. (D'Angelo-PA).

SAINT HELENA: Radio Saint Helena 11092.5 f/d "40th Anniversary Map" cd. of the Island along w/ the Ham call sign in 124 ds for \$5.00. v/s L. Lawrence. Reply only took 15 ds. from the island. (Wood-MA).

THAILAND: Radio Liberty 15690 via Udorn "Studio" cd. w/o site in 2 mos. (Barto-CT).

中國西藏人民廣播電臺

尊敬的 Richard A. D'Angelo

感謝您從 21A 發來的收聽報告。我們很高興證明你收聽的確實是我臺 21A

收聽日期: 2004年06月09日

時間: 22:36-23:16 06:36-08:16

頻率: 4920 kHz

臺長簽字: Mo Shuzhi 公華:

# ZYE - 58

S. PAULO

TAUBATÉ

BRASIL

Dear Listener

We are glad to confirm reception of your pleasing Report of our transmissions in the band of 60 meters -- (4.925 KHz).

Thanking you for the kindness, we are

Sincerely yours

720 KHz 1 KW  
4.925 KHz 1 KW

RADIO DIFUSORA TAUBATÉ, LTDA.  
TAUBATÉ (12.100) S. PAULO, BRASIL

"Studio" cd. in 2 mos. (Barto-CT).

**YEMEN: Republic of Yemen Radio** 9780 p/d cd. in 164 ds. for an EG rpt. and an email f/up rpt. Also sent along a local postcard and \$1.00. v/s Ali Ahmed Altashy, Technical Director. Addr: Radio Sana'a, P.O. Box 2371, Sana'a, Republic of Yemen. Email: ali-tashy@yahoo.com (Wood-TN).



FUNDAÇÃO NOSSA SENHORA APARECIDA

RADIO APARECIDA

ZYE - 236

9635 KHZ 4885 KHZ 1600 KHZ  
21 M 02 M 167 M  
12570 - APARECIDA - SÃO PAULO - BRASIL

Dear Mr. SAMUEL I. BARTO - U S A

This card verifies your reception of

RADIO APARECIDA, ZYE-236, - BRASIL

on 08/08/73 at 07:44 to 07:50 TMG

Frequency: 9.635 KHz Band: 31 M.  
(YOUR DETAILS ARE CORRECT! THANK YOU!)

*Waldomiro José Fontanari*  
Waldomiro José Fontanari  
GERENTE

QSL - CARD

DW Customer Service, DE-53110 Bonn, Germany. WEB: www.dw-world.de/dw/article/0,2144,1777509,00.html **Radio Saint Helena** 11092.5 Addr: Miss Laura Lawrences, QSL Manager, Post Office Box 93, Jamestown, Saint Helena Island STHL 1ZZ, South Atlantic. WEB: //www.sthelenase/ and //www.sthelenase/index/index2.htm **VL8T** 4910 via **Tennant Creek** v/s

**ZAMBIA: CVC International** 13650 and 13590 email reply in 4 ds. w/ a f/d color map attachment "card" from "Rick". Email: enquiries@cvc.tv The v/s said that the station is very happy to reply to email reports. (D'Angelo-PA).

### STATION NOTES: Deutsche Welle

9895 via **English Bay** (Ascension Island) v/s Horst Scholz, Transmission Management. Addr: Mrs. Theresa Reagan, Administration Officer ABC TV and Radio, Darwin. Addr: ABC Darwin, Cavenagh Street, Darwin, NT 0801, Australia... via **PLAY DX...Sam.**

## NOSTALGIE

C'est pour toujours

Objet: QSL Verification

Dear Sir,

We would like to thank you for the testing of the reception you had carried out monitoring our short-waved broadcastings.

This broadcastings are derived from several little transmitting stations located in the French Alps which are intended to wire the ski lifts of the french ski resorts.

The programme you receive is the same that we broadcast in France by our Frequency Modulation network that includes more than 150 broadcasting sites.

The features of this little transmitting stations are as follows:

- Mean altitude : 2000meters
- Capacity : from 2 to 150 WATT
- Type of modulation : narrow Frequency Modulation
- Frequency : Cf. table included

We would like to apologize for the delay it took us to answer to your letters.

Yours faithfully,

### If You're Paying Attention:

One amateur radio QSL from each of the 50 States for only \$20.00 plus 3 ms You could probably double your money on EBAY. You can have as many as you want. Ye Editor.

Till Next Time.....

*Sam*

# 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
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
Glenn HAUSER, Enid, OK	FRG-7, DX-398, SW-07, ATS-909, YB400 lw
George HERR, Playa del Rey, CA	G303e, R8B, NRD535, 50' lw
Ron HOWARD, Monterey, CA	NRD545, LW 160', etón E5
Don JENSEN, Kenosha, WI	NRD-545, E1x, Alpha Delta Ultra
William McGUIRE, Cheverly, MD	DX-380
Richard PARKER, Pennsburg, PA	Collins 51S-1, 51-X, R390A, SE3, ant. farm
Mike RHODE, Columbus, OH	WinRadio G-313e, swl end fed sloper
Jim RONDA, Tulsa, OK	NRD-545, R75, etón E1, Eavesdropper
Giovanni SERRA, Rome, ITALY	NRD-525 AD Sloper
Jerry STRAWMAN, Des Moines, IA	Perseus, R-8, 313e, 60 mtr dipole, mini whip
Mark TAYLOR, Madison, WI	R-75, Sat 800, EWE, Eavesdropper
David TURNICK, Reading, PA	NRD-545, 2010, Alpha Delta sloper
Joe WOOD, Gray, TN	DX-390, Grundig Mini 100 PE, whip antenna 

## WORLD OF RADIO SHORTWAVE SCHEDULE as of June 27, 2008 all times and days strictly UT

Wed 2100 WBCQ 15420-CUSB  
Thu 0530 WRMI 9955  
Thu 1430 WRMI 9955  
Thu 2330 WBCQ 7415  
Fri 0100 WRMI 9955  
Fri 0800 WRMI 9955  
Fri 1930 IPAR/IRRS/NEXUS/IBA 7290 Slovakia  
Fri 2030 WWCR1 15825  
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 0415 WBCQ 7415  
Tue 1100 WRMI 9955  
Tue 1530 WRMI 9955  
Wed 0530 WRMI 9955  
Wed 1130 WRMI 9955

# Tropical Band Loggings

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

- 2305 **UNIDENTIFIED** 1045-1115 M en espanol at 1103; "...las mismo palabras de Dios"; [ w/ synchro lock on NRD 535D] followed by W but sig f/out; continued deep fades but strong carrier; strong carrier at 1115 but rising band noise; 5/26. (Wilkner-FL)
- 2309.94 **AUSTRALIA VL8A** Alice Springs 0900 Noted several days below usual fqy; 6/1. (Wilkner-FL)
- 2379.85 **BRASIL R. Educadora** Limeira 1000-1020 (T); M in PP; threshold sig f/out; not noted 2300-0100; 6/19-20. (Wilkner-FL)
- 2379.96 **UNIDENTIFIED** 1000 Someone noted here while looking for R. Educadora Limeira; 6/6. (Wilkner-FL)
- 3172.3v **UNIDENTIFIED** 1000-1030 Peru? 5/20 & 21. (Wilkner-FL)
- 3185 **USA WWRB** Morrison/Manchester [NOT McCaysville GA/Copper Hill TN; that was WGTC; gone for years!] 1259 Audible w/ Brother Scare as late as 1259; just as Dave Frantz broke in for a legal ID then more B.S.; so I guess they kept going past 1300 but did not keep listening to find out; 5/20. (Hauser-OK)
- 3220 **ECUADOR HCJB** Pifo 1020-1030 Quechua talk; mentions of "Cusco" & "dollars"; local FM quality sig; 5/21. (Wilkner-FL) 0928-0936 Flute mx until pips at 0930; M ancw w/ ID followed by another M w/ Quechua talks w/ flute mx in b/ground; fair; 5/27. (D'Angelo-PA) 0950 Blasting in; 6/4. (Wilkner-FL)
- 3234.9 **PERU R. Luz y Sonido** Huánuco 1000-1030 The one noted here; 6/4. (Wilkner-FL) 0010 Again w/ same; also 1000; 6/6. (Wilkner-FL)
- 3240 **SWAZILAND TWR** Manzini 0335 M in listed Nda; choral mx at 0343; TWR IDs & chimes IS at 0344-0345; fair; 5/18. (Ronda-OK)
- 3249 **HONDURAS R. Luz y Vida** San Luis 0055 Gospel songs in SS; poor; improving to good at 0136 recheck; 6/15. (Ronda-OK) 3250 0225-0231 M in SS; 40dB sig; exc; 4/29. (Parker-PA) 1110 Instrumental version of (P) NA; "...presenta su programa...santu espiritu"; good; 5/24. (Wilkner-FL)
- 3260 **PNG R. Madang** Madang 0940-1100 M in Tok Pisin; choral mx at 0958; M often talking over brief mx bridges; good; 5/21. (Wilkner-FL) 1056 M talking; unable to make out much; poor; 6/9. (Herr-CA)
- 3279.6 **ECUADOR LV del Napo** Tena [UTC?-ed.] ID's; lcl mx; very strong sig; 6/1. (Wilkner-FL) 3279.88 0915-0925 MX w/ talented baritone solo; good; 5/21. (Wilkner-FL) 3279.9 1000 Noted daily w/ strong sig; 6/6. (Wilkner-FL) 3280 0233-0237 Mx in SS; in the clear but weak; 4/29. (Parker-PA)
- 3280 **CHINA [V. of Pujiang?-ed.]** Shanghai \*1200-1245 Heard w/ children's prgs for International Children's Day; //4950; the s/on time varies a lot; 6/1. (Howard-China)
- 3287.4 **UNIDENTIFIED** 0740 Possible R. Madagasikara Antananarivo in unrecognized lang; indistinctive contemporary Euro/US pop-like mx w/ W ancw; Madagasikara is not listed as being on at this time from any of my sources but it is the only stn listed in this part of the band; v. poor; 5/31. (Taylor-WI)
- 3290 **PNG R. Central** Boroko 0949-1100 M w/ talk in lang; frequent mx w/ M vocals; strong sig; 5/21. (Wilkner-FL)
- 3310 **BOLIVIA R. Mosoj Chaski** Cochabamo 1012 Very faint LA guitar mx just above noise threshold; poor; 5/23. (Wood-TN) 0125 Choral singing; one ancment in Quechua; poor; 6/15. (Ronda-OK)
- 3315 **PNG R. Manus** Lorengau 1015-1055 W & M in lang w/ ments of Indonesia; locations in nx or cmntary; indigenous mx; long talk in lang from 1045-1055; strong sig; 5/21. (Wilkner-FL)
- 3320 **S. AFRICA R. Sondergrense** Meyerton 0239-0244 W ancw in Afrikaans w/ unique S. African rock/folk mx; v. loud 60dB sig w/ superb audio; 4/29. (Parker-PA) 0355-0410 M w/ nx & ID at ToH; bavk into nx; S7/fair; 5/18. (Wood-TN)
- 3325 **PNG R. Bougainville** 1040 Musical prg in lang at ToH; short melody repeated twice followed by pips & M w/ (P) nx; p-f; 6/13. (Herr-CA)
- 3329.53 **PERU Ondas del Huallaga** Huánuco 1000 ID by M as "O del H"; flauta andina; narrow filter needed to avoid 3330-CHU; 5/21; (Wilkner-FL) Similar prgming noted; 5/22. (Wilkner-FL)
- 3335 **PNG R. East Sepik** Wewak 1132-1135 M in (P); Tok Pisin followed by PNG pop mx; v. poor sig; peaking occasionally above the noise; one of only three PNG stns heard this morning (also 3385 & 3905); even worse for Indo's w/ only weak carriers on 4604.9 & 4750; 5/17. (Evans-TN) 0959-1105 Caught ments of freq & kHz; W at 1015; M at 1028 until f/out at 1105; strong sig; 5/21. (Wilkner-FL) 3335.3 0735 (T); Pop mx w/ W ancw in either EE or Tok Pisin; v. poor; 5/31. (Taylor-WI)

- 3340 **HONDURAS HRMI** Tegucigalpa 0320 (P); Ballads & SS talk noted here; didn't stick w/ it thru BoH though; weak under band noise; 5/13. (Barbour-NH) 0402 (P); M w/ inspirational talk; lots of dead air; S7/fair; 5/18. (Wood-TN) 0433 Wide variety of current Christian gospel songs; IDs in SS & EE at 0456-0457; best I've heard this stn in quite some time; vg; 5/18. (Ronda-OK)
- 3350 **COSTA RICA REE** Cariari de Pococi 0250-0255 M & W in SS w/ pop mx; usual bone crushing 80-90dB sig; 4/29. (Parker-PA)
- 3385 **PNG R. East New Britain Rabaul** 1125-1135 PNG pop mx w/ a minute of talk by M anc at 1129; poor but readable (SINPO 24222); 5/17. (Evans-TN) 1056 M in (P) Tok Pisin; W w/ nx in (P) EE followed by M; mx at 1112; p-f; 6/9.(Herr-CA) 0844-0925 Discussion w/ M & W followed by island vocals at 0849; NBC nx at 0900; lcl nx at 0910; weak w/ some noise but relatively clear; carriers noted on 3325 & 3335 but couldn't pull any audio; 6/13. (D'Angelo-PA)
- 3396 **ZIMBABWE ZBC** Gweru 0256-0303 W anc in lang w/ mx bridges; good; 4/29. (Parker-PA)
- 3810 **ECUADOR HD210A** Guayaquil 0522 Recorded SS time ancments & pips; no tone shift at the minute marks; first log in quite a long time; poor; 6/7. (Wood-TN)
- 3905 **PNG R. New Ireland Kavieng** 1130-1140 M anc in Tok Pisin followed by PNG pop mx at 1132; poor but readable (SINPO 24222); 5/17. (Evans-TN) 1049 "Black Magic Woman" followed by W; fair; 6/9. (Herr-CA) 1108 W w/ nx in EE; this freq. the best for PNG in recent months; fair; 6/13. (Herr-CA)
- 3984.84 **CROATIA Hrvatski Radio** 0200-0207 EE nx & IDs; lcl mx at 0207; v. weak; //9925 Germany-very weak; not on 7285; unidentified stn on 7285; possibly Iran; 5/12. (Alexander-PA) 3985 0320 M & W talk in apparent EE; no shortage of QRM; weak-fair; 5/20. (Dexter-WI)
- 4050.03 **UNIDENTIFIED** 0026-0029 Mx w/ W & M talks; perhaps R. Rossii ??; QRN statics & rustle; poor; 5/31. (Serra-Italy)
- 4052.5 **GUATEMALA R. Verdad** Chiquimula 0306-0311 M in SS; strapping 70dB sig; exc; 5/13. (Parker-PA) 0412 Full ID w/ freq & full postal addy in SS followed by gospel mx in both EE & SS; S9+10/vg; exceptional sig strength & quality for this stn. 5/18. (Wood-TN) 1140 Ancr w/organ mx; poor; as was everything below 25m this morning; 5/25. (Taylor-WI) 0224-0234 Rare appearance of W on this stn w/ SS preaching; many references to "Verdad." I think she was using the word as part of her text & not as an ID; v. heavy QRN; poor; 6/1. (Wood-TN) 0416-0424 M in SS w/ ment. of Verdad & Guatemala; chime mx at 0417 w/ short ancment by W; up-beat vocal relg mx followed; good w/ seasonal static & fading (SINPO 34333) 6/7.(Evans-TN) 0527-0538 Very somber inspirational mx in EE that would make a funeral look lively; fair; 6/7. (Wood-TN)
- 4409.86 **BOLIVIA R. Eco** Reyes 0058-0110 Locuter y musica; 6/19. (Wilkner-FL)
- 4440h **USA WSRC** Fair Bluff-NC 0605-0640+ (P); Country mx; weak w/ deep fades; also heard on fundamental 1480 w/ v. weak sig; 3rd harmonic-3 x 1480; 6/8. (Alexander-PA)
- 4484.6 **PERU R. Frecuencia VH** Celendin 0150 (P); After listening to vague voices since 0140; M & W w/ SS talk came up for about 1 minute at 0150; poor; 6/15.(Taylor-WI) 4484 0151-0200 M & W in SS; mx bridges; opening to Andean region fell apart shortly after 0200; tnx M. Taylor tip; 6/15. (Jensen-WI)
- 4699.35 **BOLIVIA R. San Miguel** Riberalta 0145-0214\* SS talk; ad string at 0158 w/ ads; jingles & promos; some Bolivian mx after 0203; abrupt s/off; weak but readable; 5/29. (Alexander-PA) 4699.41 0037-0103 W & M w/ SS mx & talk; other M w/ ancment & (P) ID at 0054; more talk w/ ancments & clear "Radio San Miguel..." ID at 0058; more W & M tlk; QRN heavy statics; from 0056 strong SSB het; p-v.poor; 5/31. (Serra-Italy)
- 4716.7 **BOLIVIA R. Yura** Yura 0051-0105 Ancrs w/ SS mx & talk; v. weak ID at 0100 then right back to mx; p-f; 5/14. (Barbour-NH) 2346-0002 Continuous SS mx audible under band QRN; poor; 5/26. (Barbour-NH) 4716.8 0135-0138 Back on w/ mx prg after not heard in a while; fair; tnx J. Ronda tip; 6/15. (Jensen-WI)
- 4732 **BOLIVIA R. Universitaria** Cobija Pando 0100 Noted here under RTTY; 6/18.(Wilkner-FL) 1000-1030 Noted here; 6/19. (Wilkner-FL) [Any RTTY at 1000?-ed.]
- 4746.9 **PERU R. Huanta** Huanta Ayacucho 2000 0122 (P); V.weak at t/in and very soon gone; 6/15. (Jensen-WI)
- 4750 **BANGLADESH Bangladesh Betar** Shavar 1650-1711 (P); Lcl chant then M w/ ancments alternating w/ lcl choir chants & drum; more talk & ancment; instrumental mx; pips at 1700 & M w/ (P) ID & nx till 1705; end pgm at 1711 as rpted in PPWBR 2008; QRN statics; p-f; 5/23. (Serra-Italy)
- 4754.9 **BRAZIL R. Imaculada Conceição** Campo Grande 0253 Bits of beautiful choir hymns interspersed b/w two M in PP; 60dB sig w/ superb audio; 5/13. (Parker-PA) 0300-0315 Countless PP ancrs w/ brief relg talks & various mx bits; p-f; 5/16. (Barbour-NH) 0418-0433 Relg call-in prg w/ a short prayer & a few bars of mx for each caller; longer musical selection at 0430; moderate sig w/ static from local storms (SINPO 34232); ancments by M & W at 0433; 5/16. (Evans-TN) 4755 0245-0305 Group prayers & inspirational mx; solid ID at 0258; fair; 5/15. (Turnick-PA) 0354

Quite good; in fact the only decent sig under 5000; 5/16. (Dexter-WI) 0600 (P); I scan 60m just about every night around 0600 & never heard anything on 4755 besides CODAR of course; at 0621 mx & talk; definitely in PP; so my first thought that PMA might finally have come back was quickly dashed; a bit early for them anyway 1721 local; it was also very slightly on the low side but I would not say as low as 4754.90; (P) R. Imaculada Conceição as others have been rptng; apparently all-night now & I wonder if that is a recent expansion in hours accounting for its new audibility? however it sounded more like a commercial stn to me than a religionist; nothing else from Brazil found on 60m except a trace of 4915; 4790 Perú however was stronger than usual; 5/20 (Hauser-OK) 0410 Listener phone-in show in PP; still good at 0445 recheck; good; 5/24. (Ronda-OK) 0110 W in PP; fair; 6/15. (Ronda-OK) 0133-0135 M & W w/ relg prg in PP; f-g; 6/15. (Jensen-WI) 4754.8 0125 M in PP w/ short musical interludes; brief W ancr; poor; 6/15. (Taylor-WI)

4759.96 **LIBERIA ELWA** Monrovia 2248-2301\* (P); M ancr b/w slow songs; no ID heard; s/off at 2301; PPWBR 2008 rpts prg end at 2300; QRN static; ute QRM; poor; 5/20. (Serra-Italy) 4760 0634-0703 M w/ canned relg prg in EE; ID at 0700 followed by change of prg; poor w/ deep fades; 5/14. (D'Angelo-PA)

4770 **NIGERIA R. Nigeria** Kaduna 0447-0518 Tribal vocals until drum IS at 0458; ID at 0500 followed by M ancr w/ nx in EE; fair but CODAR reduced to poor; 5/17. (D'Angelo-PA) 0458-0504 Pop mx; drums, M ancr w/ nx & ID at 0459; occasional drum mx bridge b/w nx items; poor in generally poor conditions; (SINPO 24222); 6/4. (Evans-TN) 0516 M in EE w/ talk of Nigerian President; poor; 6/7. (Wood-TN)

4774.9 **PERU R. Tarma** 0125 (P); OA mx; v.weak but also gone quickly; 6/15. (Jensen-WI) 0245-0251 (T); Traces of SS mx & talk; poor; 5/13. (Parker-PA)

4777 **GABON R. Gabon** Libreville 0516 Barely there w/ very strong pulsing QRM; not CODAR; 5/27. (Dexter-WI) 1813-1833 M w/ FF talk & mx until 1823; brief ancrmt; talk b/w Afropops; breaks for lcl chants; best in LSB to avoid jet stream QRN & static; p-f; 5/30. (Serra-Italy) \*0458-0515 Abrupt s/om w/ opening ID ancrmts followed by lcl drums to 0500; FF talk; Afropop mx at 0508; weak, low modulation at s/on but quickly popped up to a v.good lvl at 0500; 6/2. (Alexander-PA) 0504-0514 Tail end of FF ID & freq ancrmts; Afropops; sig audible from 4774-4780; p-f; 6/7. (Wood-TN)

4780 **DJIBOUTI RTD** Atta \*0300-0315 S/on w/ NA; ancr w/ s/on ancrmt in AA followed by Call to Prayer at 0302; ancr from 0311 thru t/out when sig had slipped under band noise; p-f; 5/13. (Barbour-NH) 0303 Middle Eastern mx & chants; poor; 5/24. (Wood-TN) \*0258-0322 Orchestra NA opening followed by W ancr w/ ID & opening ancrmts in AA; Qu'ran recitation followed; p-f w/ CODAR QRM; 5/25. (D'Angelo-PA) \*0259-0325 S/on w/ NA; Opening AA ancrmts at 0300; Ko'ran at 0302; lcl mx at 0325; poor w/ strong CODAR; 6/7. (Alexander-PA)

4780 **GUATEMALA R. Cultural Coatan** San Sebastian 0115 Ancr in SS; fair; still on at 0215 w/ rancheria mx at f-g lvl; 6/15. (Ronda-OK) 0220-0245 Great ranchera type mx; on late?; strong; tnx J.Ronda tip; 6/15. (Jensen-WI) 1045 Return to b/cing 1045 after a five day absence; exc; 6/15. (Wilkner-FL) 1030 Guatemalan NA; 6/17. (Wilkner-FL)

4790 **PERU R. Vision** Chichlayo 0237-0245 Usual SS prg consisting of M preaching to tumultuous crowd over distorted PA loudspeaker; 50dB sig; exc; 5/13. (Parker-PA) 0401 M w/ apparent SS sermon; good but w/ considerable QRN; 5/28. (Dexter-WI) 0551-0616 M w/ echo effects; inspirational mx w/ prayers at ToH into preaching; poor w/ heavy CODAR; 6/7. (Wood-TN) 4790.10 1015 Easily the strongest OA on 60m; no sign of R. Nueva Atlantida; 6/6. (Wilkner-FL)

4799.8 **GUATEMALA R. Buenas Nuevas** San Sebastian 0305-0319 SS Ballads & MoR mx w/ some sounding a little like Afropop; poor; 5/24. (Wood-TN) 0415-0433\* Nice selection of lcl mx; SS ID at 0422 into lcl relg mx; closing ID ancrmts at 0432; weak but readable; best in ECSS-LSB to avoid weak het from (P) Mexico on 4800; 5/24. (Alexander-PA) 4800 0226-0235 Guitar mx & W ancr in SS; 40dB sig troubled a bit by static crashes; f-g; 5/13. (Parker-PA)

4800 **CHINA CNR 1** Geermu 2108-2118 Slow pop songs; M ancrmt & tlk in CC; QRN static; fair; 6/7. (Serra-Italy)

4800 **MEXICO XERTA** 0404 Noted here w/ heavy hum & distortion; 5/28. (Dexter-WI) 0710-0733 Prg of vcl selections w/ W ancr in SS w/ ID & talk at 0719 followed by more mx; p-f until a loud noise blob started up around 0725 requiring USB for further rcption; 5/31. (D'Angelo-PA) [XERTA switch to 4810 on 6/1? See below-ed.]

4810 **MEXICO XERTA** 0909-0911 Full ID w/ call letters by W; very strong sig; 6/1. (Wilkner-FL)

4814.9 **ECUADOR R. El Buen Pastor** 0217-0225 Upbeat SS mx w/ flute & M vocals; decent sig but still couldn't compete with CODAR; poor; 5/13. (Parker-PA) 1000-1030 Noted here w/ "...palabras de Dios."; mixing w/ SSB SS voice UTE; 6/6. (Wilkner-FL)

4814.96 **UNIDENTIFIED** 2350-2357 Barely audible slow song & M ancr; UTE QRM & static; some DX bulletins rpt R. El Buen Pastor- Ecuador on this freq; 5/20. (Serra-Italy) [Chances are good-ed.]

- 4820 **TIBET Xizang PBS** Lhasa 2118-2132 Continuous slow CC pop songs; M at 2130 w/ ancment; ID & (P) nx; QRN static; fair; 6/7. (Serra-Italy)
- 4824.97 **BRAZIL R. Canção Nova** Cachoeira Paulista 0230-0240 PP relg talk; Ave Maria at approximately 0234; //9675; both freqs fair; listed //6105 not heard; 5/29. (Alexander-PA)
- 4824.49 **PERU LV de la Selva** Iquitos 2300 Strong sig; had been silent four days; 6/3. (Wilkner-FL) 1045 Noted here; again w/ strong sig; 6/4. (Wilkner-FL) 4824.5 0144-0146 (P); Latin ballads & M in SS; weak-fair; [date?-ed.] (Jensen-WI)
- 4826.49 **PERU R. Sicuani** Sicuani 0245-0304\* Peruvian mx; SS ancments; ID; abrupt s/off; weak but readable; reception better than usual but still w/ CODAR QRM; 5/16. (Alexander-PA) 4826.6 0148-0150 Modern LA rhythms & M in SS; heard before w/ this mx format; weaker than the above [R. Sicuani-ed.] but the het was noticable; 6/15. (Jensen-WI)
- 4828 **ZIMBABWE ZBC** Gweru 2307-2320 Non-stop Afropops; best in USB; slight splatter from 4820-China; QRN static; p-f; 5/20. (Serra-Italy) 2250 Noted w/ fair sig while looking for 4826 R. Sicuani which seems silent; as is 4834 R. Marañon Jaen; 6/3. (Wilkner-FL)
- 4835 **AUSTRALIA VL8A** Alice Springs 0830 Noted here w/ switch-over; 6/1. (Wilkner-FL) [switch-over to 2310-ed.] 2133-2148 W & M w/ nx in EE; ancment & (P) ID over mx; M w/ talk; QRN static; poor; //4910 better listening in USB to avoid UTE; 6/7. (Serra-Italy)
- 4835 **INDIA AIR** Gangtok 0210-0215 Hindi mx followed by banter b/w boisterous M & W ancrs in lang; would have been quite listenable if CODAR hadn't murdered it; p-f; 5/13. (Parker-PA) [nice catch!-ed.]
- 4845 **MAURITANIA R. Mauritanie** Nouakchott 2232-2240 Long song w/ W in AA; strapping 80dB sig; 5/9 (Parker-PA) 2148-2204 Lcl chant w/ mono-cord sound; two M in AA w/ occasional chants & strings; (P) ID & nx at ToH; more talk; strings & mx; QRN static; fair; 6/7. (Serra-Italy)
- 4845.15 **BRAZIL R. Ondas Tropicais** Manaus 0128 (P); M & W ancrs in PP; contemporary vocal; 5/24. (Taylor-WI) 4845.2 0145-0205\* M ancr in PP w/ up-beat mx & ballads; ID at 0203; enormous 80dB sig w/ exc. audio; 5/13. (Parker-PA)
- 4857.39 **PERU R. La Hora** Cusco 2250 Good sig; never noted from 1000-1130; 6/4. (Wilkner-FL)
- 4885.01 **BRAZIL R. Clube do Para** Belem 0229-0302 Various ancrs ment. "R. Clube do Para Brasil"; talk ment. numbers; brasileiro; excited ancments; talk & IDs; QRN static; QRM by W letters till 0243 [spy stn?-ed.] then pulses & some birdies; slight QSB; fair; 5/24. (Serra-Italy)
- 4900 **CHINA V. of Strait** Fuzhou \*1200-1208 Suddenly on in Amoy (clearly not CC); good reception; their s/on time does not vary; 6/3. (Howard-China)
- 4904.97 **CHAD RNT** N'Djamena \*0433-0445 Abrupt s/on w/ lcl drums & Afropop mx; FF talk at 0438; fair; 5/30. (Alexander-PA) 2205-2232\* Threshold sig w/ talk & mx; too weak to catch any details but sig came up out of mud at 2231 just in time to ID the NA at s/off; 5/30. (Alexander-PA) 1837-1903 Lcl string; chants; W w/ AA talk & Afropops; ancment back to Afropop; FF prg at 1900 w/ M & W ID ancment into Afropop; QRN static; slight QSB; fair; 5/30. (Serra-Italy) \*0427-0446 OC until orchestra NA at 0429 followed by M w/ ID & s/on ancments in FF; prg of tribal vocals followed; f-g; 6/6. (D'Angelo-PA)
- 4905 **BRAZIL R. Anhanguera** Araguaína 2325-2342 M & W ancrs in PP w/ slow EZL mx; sig between 20-35dB w/ QSB; cutting through CODAR nicely & quite listenable; 5/16. (Parker-PA) 0205 Light piano mx; short ancments in PP; fair; 5/29. (Ronda-OK) 4905.1 0150-0301\* PP relg talk & Christian/inspirational mx; ments of Anhanguera; closing ID ancments at 0300; fair; 6/3. (Alexander-PA) 0047 Nice songs in PP; //4915 R. Anhanguera Goiania when checked at 0112; fair; 6/15. (Ronda-OK)
- 4905 **TIBET Xizang PBS** Lhasa Decent sigs noted on 5/30 & 6/1-3; no relay of CNR-1; //4920. (Howard-China)
- 4909.22 **ECUADOR R. Chaskis** Otavalo Not heard during last two weeks; 6/6. (Wilkner-FL) 4909.16 1100-1120 Noted for first time in several weeks w/ locutor con musica; 6/14. (Wilkner-FL)
- 4910 **AUSTRALIA VL8T** Tennant Creek 0830 Noted here w/ switch-over; 6/1. (Wilkner-FL) [switch-over to 2325-ed.]
- 4914.96 **BRAZIL R. Dif Macapa** Macapa 0124-0135 M w/ PP mx & talk; ancment ment. Macapa; again w/ (P) ID at 0130; M & W ancrs w/ talk; QRN static; fast QSB; p-v.poor; 5/31. (Serra-Italy) 4914.97 0301-0325 Several IDs at 0302-0303; many ments of Macapa; promos; ads & jingles; electronic sound fx; PP talk & ballads; fair but noisy conditions; 5/30. (Alexander-PA) 4915 0215 Rapid-fire sports cmntary in PP; fair; 5/29. (Ronda-OK)
- 4925 **INDONESIA RRI Jambi** 2345-2350 (P); M & W ancr in lang; tribal mx w/ aboriginal instruments & chorus; 20dB sig in the clear & good; 5/16. (Parker-PA)
- 4930 **BOTSWANA VOA** Moeping Hill 0330-0337 M w/ EE ID ancment over mx; W w/ ID & nx; field rpts; fast QSB; fair; 5/3. (Serra-Italy)

- 4939.39 **VENEZUELA R. Amazonas** Puerto Ayacucho 1010-1020 M in SS; nothing here at 0900-0930; v. strong & distorted sig; 6/6. (Wilkner-FL) 4939.96v 1020-1040 "Hyper" M in SS; badly distorted sig "FMing"; AM quality acceptable; difficult to zero beat in SSB as it kept going into FM; tnx A. Peterson tnx; 6/4. (Wilkner-FL) 4940v 0130-0145 (P); Strong; ugly & badly distorted sig w/ LA mx; SS ancients; too distorted to catch an ID but Amazonas has a reputation of putting out distorted sigs around here; 5/31. (Alexander-PA) 0115-0140+ Still here w/ a v.distorted; strong sig; LA mx & SS ancients; promos; (P) ID at 0126; 6/3. (Alexander-PA)
- 4949.97 **ANGOLA RN de Angola** Mulenvos 0226-0326 Shifted on this crew; M w/ PP talk; mx similar to LA ballads; talk; M & W w/ "Radio Nacional de Angola" ID; pips; TC & R. Nacional ID at 0300 into nx; more mx & IDs; best in USB to avoid strong het; QRM static; p-f; 6/2. (Serra-Italy) 4950 2256-2315 M in PP b/w mx bridges; pips at ToH; best in LSB to avoid RITY QRM; good; 4/28. (Parker-PA)
- 4960 **SAO TOME VOA** Pinheira 0406 VOA News Now in EE w/ discussion of Burma relief; ID at 0427; beginning Press Conference USA at 0430; fair; 5/24. (Ronda-OK)
- 4965 **BRAZIL R. Alvorada** Parintins 0303 (P); PP talk; 5/20. (Dexter-WI)
- 4965 **ZAMBIA CVC** Lusaka (P) Non-stop slow choir songs w/ M ancients in EE at 2341 w/ (P) ID; M & W ancients; mx break & other ancment & again mx; strong jet stream QRM similar to jamming; QRN; heard using LSB only; p-v.poor; 5/17. (Serra-Italy)
- 4974.82 **PERU R. del Pacífico** Lima 1044-1100 The one noted here; 6/4. (Wilkner-FL)
- 4975.97 **UGANDA UBC Radio Kampala** 0321-0333 M in EE; slow pop song; W anc w/ "Hallo Uganda..."; Afropop; "ding-dong" fx & W w/ "UBC Radio"; brief tam-tam beat into nx at 0331; QRN static; fast QSB; QRM slow jam [CODAR?-ed.]; f-p; 5/31. (Serra- Italy) 4976 0332-0336 M in lang; lcl percussion mx; 40dB sig; good; 5/13. (Parker-PA) 0325-0414 Tribal group singing; M at 0359 w/ ID followed by brief segment of marching band mx & nx in EE; poor; 5/31. (D'Angelo-PA)
- 4985 **BRAZIL R. Brasil Central** Goiania 2202-2219 W & M tlk w/ briel mx breaks; heard better using LSB; QRN; fast QSB & heavy statics; poor; 5/16. (Serra-Italy) 0216-0222 (P); Two songs then M anc; QRN rustle; QRM slow jam & CW; slight QSB; poor; 6/2. (Serra-Italy) 2250 The one noted here; 6/4. (Wilkner-FL) 0053 EZL songs in PP; fair; 6/15. (Ronda-OK)
- 4990 **SURINAME R. Apintie** Paramaribo 2250-2300 Noted here w/ M in DD; fair; 6/4. (Wilkner-FL)
- 4990.95 **PERU R. Manantial** Huancaayo 2300 Noted here w/ weak & distorted sig, 6/4. (Wilkner-FL)
- 5009.79 **DOMINICAN REPUBLIC R. Cristal/R. Pueblo** Santo Domingo 2345-2359\* (P); SS talk & lcl mx; no ID heard; weak unintelligible ancment at 2359 & off; fair sig strength but low modulation; 5/28. (Alexander-PA)
- 5010 **MADAGASCAR RTV Malagasy** Antananarivo 0234-0250 W anc in lang w/ talk b/w up-beat native mx; M w/ "live" speech at 0250; poor-choppy in USB; 5/13. (Barbour-NH) 0338-0404 Mix of long talks in Malagasy w/ lcl vocals until end of prg at 0359; M & W ancrs w/ ID & prg intro; fair but very noisy conditions; 5/25. (D'Angelo-PA) 0305-0330 Lcl relg prgming w/ choral mx; relg talk & recitations; traditional church mx; p-f in t-storm static; reduced carrier USB; 6/15. (Alexander-PA)
- 5014.5 **PERU R. Altura** Cerro de Pasco 0113-0123 (P); SS talk poking thru noise floor; mx at 0121; poor; 6/14. (Barbour-NH)
- 5025 **CUBA R. Rebelde** Habana 1028 W in SS w/ ID & wake-up show; DJ patter & lively Cuban mx; vg; 5/23. (Wood-TN) 0214-0222 M w/ sport nx in SS over mx; mx break & ancment into Deportivamente prg w/ nx re Olympic games in China; etc.; W & M ancment & mx break; M cmentary; again it's the strongest LA b/c on trop bands heard in Roma; slight static; good; 5/24. (Serra-Italy) [It's been rpted that in the EU one can receive Rebelde using a wet shoestring; LOL-ed.] 0130 M anc in SS; f-g; 6/3. (Bauernhuber-NY)
- 5039.21 **PERU R. Libertad** Junin 1055 Good sig; never noted from 2230-0100 here; 6/4. (Wilkner-FL)
- 5100 **UNIDENTIFIED** 0326-0341 Snatches of M anc in unidentified lang; v.weak under mild band QRN; lost the sig by t/out; Ethiopia perhaps? 5/29. (Barbour-NH)
- 5446U **USA AFRTS** Key West 0326 W in EE w/ "Parents' Journal" prg re dealing w/ child proofing ones home; poor; 5/24. (Wood-TN)
- 5470.66 **PERU R. San Nicolás** San Nicolás 2240-2300 M w/ mx & talk; 6/4. (Wilkner-FL)
- 5486.65 **PERU R. Reyna de la Selva** Chachapoyas 1030 The one noted here; again at 2250; 6/3. (Wilkner-FL)
- 5580.2 **BOLIVIA R. San Jose** Chiquitos 2300-2310 M w/ musica Boliviana; 6/3. (Wilkner-FL) 0100-0110 Musica de Bolivia; 6/19. (Wilkner-FL)
- 5860 **KUWAITR. Farda** 0220-0240 Europop; technopop & Mid-Eastern pop mx; talk in listed Farsi; IDs; (P) nx at 0230; weak; much stronger on //7280-Germany; weak //9510-Germany; 5/31. (Alexander-PA) ~~SA~~

# International Band Loggings

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- 5975 **UNITED KINGDOM R Japan** relay via Rampisham in EG \*0500, IS, pips, TC, ID, report on China, discussion re Myanmar situation, g (McGuire MD 5/19)
- 5990 **SLOVAKIA IRRS-Milano** relay in EG \*0430-0530\*, new EG IRRS broadcast on Mons and Thur only Milano ID, religious talk and music, audio somewhat muffled, p-f (Alexander PA 5/26)
- 6005 **SOUTH AFRICA BBC** relay via Meyerton in EG 2246-2304\*, ID at ToH, followed by news that was abruptly cutoff at 2304, scheduled s/off 2300, f (D'Angelo PA 6/1)
- 6010 **CANADA R Sweden** relay via Sackville in EG \*0130, IS, ID, nx, talk on Israel, g (McGuire MD 5/19)
- 6020 **AUSTRALIA RA** in Pidgin 0925, Badfinger tune, ID, ABC news, p-f w/QRM (D'Angelo PA 6/13)
- 6060 **CHINA Sichuan PBS 2 Xichang** in CH 1139-1245, International Children's Day where most domestic stations play segments of children's songs, //9740, 12015 (Howard in China 6/1)
- 6080 **SINGAPORE R Singapore Int.** in EG 1133-1230, news, feature re world food prices and rice prices in particular, "Perspectives" on interior design concepts to help employees be motivated, energetic, and refreshed, poor w/QRM, //6150 even worse reception (Rohde OH 6/7)
- 60899v **NIGERIA R Nigeria Kaduna** in Hausa 2225-2300\*, talk, local African tribal mx and chants, s/off with NA, f-g but covered by Anguilla at their 2256 s/on (Alexander PA 5/25)
- 6110 **ETHIOPIA R Fana** Addis Ababa in Amheric 0257-0335, IS, ID, segued modern instrum'l Ethiopian music, rare ancmt's, clear ID at 0330, news, exc, no sign of WHRI (Taylor WI, Jensen WI 6/2)
- 6120 **CANADA R Japan** relay via Sackville in EG \*1200, IS, pips, ID, report on China's devastating earthquake in Sichuan province, g (McGuire MD 5/17)
- 61348v **BOLIVIA R Santa Cruz** in SP 0059\*, local music, many IDs before s/off, local flute rancho tune to s/off, poor w/weak QRM from co-channel Brazil (Alexander PA 6/2)
- 6160 **CANADA CKZU** Vancouver in EG 1912, CBC news w/perpetual plug for Sirius 137, relay of MW outlet w/local morning show "Early Edition", wx for Vancouver area, no QRM (Hauser OK 6/4)
- 6190 **BOSNIA-HERZEGOVINA Int'l Radio Serbia** relay via Bijeljina in Serbian/EG 2328-0010+, new fqy, ex-6185, lite instrumental mx, talk in Serbian, into EG programming 0000, IDs, IS, news, commentary, very good signal (Alexander PA 6/2, Hauser OK 6/2)
- 6195nf? **BRAZIL R Aparecida** in PT 0156, Brazilian contemporary music, ad, measured fqy 6194.9, poor, //5034.2 also poor (Taylor WI 5/15) ED: Unable to verify frequency. Move from 6135?
- 6250 **EQUATORIAL GUINEA R Nacional** Malabo in SP \*0519-0615, abrupt s/on w/local African music, Afro-pops, ancmts, R Malabo ID, f-g but occasional ute QRM (Alexander PA 6/15)
- 6290 **EGYPT Egyptian Radio and TV Union** via Abis in AR 0143, Koran chants, beamed to Europe and East Coast of North America, transmitter problems but strong signal (Parker PA 5/10)
- 6890 **ALASKA KNLS** Anchor Point in EG 1028, 80's pop music, religious talk re the trials of Jacob, ID as the New Life Station at 1036, gospel music, deteriorating signal, poor (Barbour NH 6/3)
- 6973 **ISRAEL Galei Zahal** Tel Aviv in HB 1207, local pop songs w/DJ, QRN, //15785, reception only fair to poor from low power (10 kw) xmtrs (Serra ITALY 5/10)
- 7110 **ETHIOPIA R Ethiopia** Addis Ababa in Amheric \*0259, short IS on electronic keyboard, ID, chimes at 0300, talks, Horn of Africa mx and short bits of techno mx, fair, //9704.2 weak (Alexander PA 6/2, Barbour NH 6/3, Evans TN 6/6)
- 7120 **CHAD Radio N'Djamena** in FR \*0433-0505, abrupt s/on with NA and local African music, ancmts, local choral music, poor under a stronger BBC co-channel signal (Alexander PA 6/14)
- 7125 **MOLDOVA V of Russia** relay via Kishinev in RS 0000, ID, news, commentary, into pop music 0032, good reception (Bauernhuber NY 6/3)
- 7145 **NEW ZEALAND RNZI** in EG 1015, local nx, wx report, "Late Night Edition", vg (Fraser ME 5/14)
- 7260 **THAILAND R Thailand** Udon Thani in VT/Cambodian 1112, VT program at t/in, chimes 1114, IS, ID in EG, then into Cambodian service at 1115, fair w/fading and het after 1120 (Ronda OK 5/31)
- 7510 **UKRAINE RUI** Kharkov in GM 2300, IS, ID, fqy, sked, national news, f (McGuire MD 5/16)
- 9250 **EGYPT Radio Wadi el-Nil** via Abu Zaabal in AR 2150-2201\*, local Mid-East music, talks, Koran at 2154, NA at 2200 and s/off in mid-song, fair (Alexander PA 6/7)
- 9440 **SLOVAKIA RSI** in EG 0718, ID, pop song, local political news, ancment w/background flute music, QTH at 0726, IS, vg (Serra ITALY 5/24)
- 9480 **GERMANY V of Russia** relay Wertachtel in EG 0200, IS, ID, news, rpt on Georgia, g (McGuire 5/18)
- 9495 **IRAN VOIRI** Kamalabad in EG 0207, Voice of Justice program, political cmntry, ID (Ronda OK 5/27)

- 9555 **SAUDI ARABIA BSKSA** Riyadh in AR 2024-2122, YL w/talks and hosting program of Mid-Eastern vocals, 5+1 time pips 2100 followed by OM w/news, fair (D'Angelo PA 6/1)
- 9615 **PHILIPPINES R Veritas Asia** in CH 1135-1156\*, short bits of classical music, closing announcements and ID at 1155, fair (Alexander PA 5/29)
- 96299v **BRAZIL R Aparecida** in PT 0125, religious talk and music, f, //5035, 6135v (Alexander PA 5/30)
- 96453v **BRAZIL R Bandeirantes** in PT 0135, talk, ads, jingles, promo, p-f, //11925v (Alexander PA 5/30)
- 97042v **ETHIOPIA R Ethiopia** Addis Ababa in Amheric 2030-2100\*, talk, local pop music, s/off with NA, poor signal w/adjacent channel splatter, //7110 poor w/QRM (Alexander PA 5/25)
- 9740 **SINGAPORE BBC** relay in EG 1145, program about music in India, ID, news with emphasis on the massive earthquake in Sichuan province of China (Ronda OK 5/31)
- 97805v **YEMEN Yemen Radio** San'a in AR 0343-0412, talk w/segments of Mid-East music, male vocals, ID, famfare, OM hosting program of Mid-East vocals, fair (D'Angelo PA 5/28)
- 9790 **CANADA China R Int** relay Sackville in EG 0100, ID, rpt on China earthquake, g (McGuire MD 5/16)
- 9870 **AUSTRIA RAI** Moosbrunn in EG 0119, IDs, news - EU will vote on the Lisbon treaty, weather rpt, Donna King w/"Today's Report from Austria", s/off at 0130, vg (Bauernhuber NY 6/12)
- 9875 **LITHUANIA R Vilnius** in EG \*2329-2359\*, ID, news, program previews, Sunday features and folk music (D'Angelo PA 6/1, Rohde OK 5/28)
- 9885 **MADAGASCAR R Nederland** relay in EG \*1400, TC, ID, news, current affairs feature with special attention to South Asia, another ID at 1456 (Ronda OK 5/21)
- 9925 **GERMANY V of Croatia** relay via Wertachtel in Croatian 0255, pop mx, nx at 0300, ID, beamed to North and South America, good signal (Bauernhuber NY 6/5)
- 9975 **GUAM KTWR** Agana in CH/Hakka 1110, talk over music, IS, ID, into program in Hakka at 1115, poor w/occasional slop from WWCR on 9980 (Barbour NH 6/14)
- 11600 **CZECH REPUBLIC R Prague** in EG \*2129-2157\*, fanfare, ID, news, mailbag feature w/mention of special edition QSL card for 85th anniversary celebration program, f-g (D'Angelo PA 5/18)
- 11625 **THAILAND R Thailand** Udon Thani in CH 1415, nice chime IS, ID in EG, mentioning studios in Bangkok, xmtr in Udon Thani, introducing CH and no jamming!, vg (Hauser OK 5/20)
- 11660 **AUSTRALIA R Australia** via Brandon in EG 2059-2130, promo for ABC News online, ID, news, "Perspective" feature followed by "Australia All Over" program, fair w/deep fades (D'Angelo PA 6/7)
- 11665 **CZECH REPUBLIC R Prague** in EG 1030, IS, ID, news with the first item on Czech Republic's aid to earthquake victims in China, fair (Fraser ME 5/14)
- 11700 **BULGARIA R Bulgaria** in EG/BG 1141, "Keyword Bulgaria" feature, IDs, music program "Time Out for Music" (classic and disco), IS, ID, fqys/targets, into news 1200, vg (Serra ITALY 5/10) in EG 2335, report on the humane treatment of stray dogs, good, //9700 good (Fraser ME 5/21)
- 11710 **NORTH KOREA V of Korea** Kujang in EG \*1300, IS, news, commentary, very weak, IDed by way of IS (Alexander PA 3/24) in FR 1450, OM and YL trading comments, martial music, organ IS and ID in EG at 1500, fair w/splatter from KJES on 11715 (Strawman IA 5/25) in EG \*1500, chimes IS, ID, NA list of programs and into news, another ID at 1517, f-p with muddy audio (Ronda OK 5/22)
- 11710v **ARGENTINA RAE** General Pacheco in PT \*2358, IS, multi-lingual IDs, all PT programming, good (Alexander PA 6/3) in EG 0232, talk re architecture, international service ID in passing, DX program at 0237 with more talk than DX tips, contact info, tango music, p-f w/het tone (Barbour NH 6/7)
- 11725 **RUSSIA WYFR Family Radio** relay via Komsomolsk in CH 1211, announcer over music, OM in slow EG re Revelations 1212, back to CH, Oakland, CA contact info, IS, ID, fair (Barbour NH 6/9)
- 11735 **TANZANIA V of Tanzania-Zanzibar** via Dole in SH 1946-2059\*, program of indigenous vocals with YL host, talks, pips, ID, and news at 2000, return to music program to s/off, NA, p-f (D'Angelo 5/17)
- 11735 **BRAZIL R Trans Mundial** Santa Maria in PT 1745, EZL pop songs in PT, religious message, fqys and times, IDs at 1814, lots of studio talk, another ID at 1830 (Ronda OK 5/24)
- 11895 **RUSSIA WYFR Family Radio** relay via Irkutsk in VT 1223, talk, Oakland, CA contact info, talk over music throughout to t/out at 1235, fair (Barbour NH 6/9)
- 11970 **NETHERLAND ANTILLES R Nederland** relay via Bonaire in DT \*2300, bell chimes, fqy, schedule, time pips, ID, "News Line" feature, good (McGuire MD 5/15)
- 11990 **KUWAIT R Kuwait** in EG 1848-1915, pop music to 1900, ID, feature re pioneers, g (D'Angelo 5/18)
- 12080 **MADAGASCAR VOA** relay in EG \*0400, ID, news, "Daybreak Africa" and "VOA News Now" at 0430, good (Ronda OK 5/24)
- 12085 **RUSSIA TWR-India** relay via Novosibirsk in HD 0110, talk, ID 0114, South Asian music, fair (Taylor WI 5/31) in Nepali 0111, talk, instrumentals, TWR contact data, website, ID at 0129, filler music until s/off at 0130, fair (Barbour NH 5/26)
- 13630 **MALI China R Int?** relay via Bamako in EG 2100, news and reports, special coverage of earthquake relief efforts to China areas affected, s/off 2130, fair w/Australia underneath (Ronda OK 5/21)

- 13650 **ALBANIA China R Int'l** relay via Cerrik in EG 1101-1133, news, ID, features, sports report at 1129, fair reception (D'Angelo PA 5/29)
- 13740 **UNITED ARAB EMIRATES R Japan** relay via Dhabaya in JP 1833, musical variety show w/comedy skits and music hall vocals, S-7 good reception (Wood TN 6/14)
- 13770 **RUSSIA Deut Welle** relay via Novosibirsk in EG \*0256-0330, tones at s/on, into news with wide variety of items, frequent IDs, sports program at 0330, fair (Ronda OK 5/26)
- 15120 **NIGERIA V of Nigeria** Ikorodu in EG 1524-1553, telephone interview, listener's letters, invitation to write, station address, excellent reception (Parker PA 5/18)
- 15180 **NORTH KOREA V of Korea** Kujang in KR 1244, patriotic choral selections from YL group, closing remarks at 1247, NA to 1249 and s/off, fair w/low audio level (Strawman IA 6/14)
- 15344v **ARGENTINA RAE** General Pacheco in SP 2201-2225+, IDs, talk, local guitar music, readable in noisy conditions (Alexander PA 6/3) in SP 2144, tango, Andean music, IS, ID, greetings of listeners in several languages, fqys, studio address, phone #, postal address, E-mail site, f-g (Hauser OK 6/2)
- 15370 **CUBA RHC** Havana in SP 1500, on after usual s/off and standing by for live press conference about US infiltration into counter-revolutionary groups inside the country. After a few seconds of music fill, they cut to the live event at 1502 about terroristas y mercenaries, //13680, 12000, 11760 (Hauser 5/19)
- 15410 **CHILE CVC International** Santiago in PT 1753-1822, "Show da Tribo" program w/Mike Garcia talk, song, mx break, ID, news in brief 1800, non-stop songs for Audio Mix pgm, f-g (Serra ITALY 5/13)
- 15580 **BOTSWANA VOA** relay in EG 1600, ID, "Africa Tonight", rpt on South Africa, f (McGuire 5/19)
- 15785 **ISRAEL Galei Zahal** Tel Aviv in HB 1207-1229, local pop songs w/OM DJ, ancments, music, heard w/slightly distorted audio and QSB, g-f, //6973 (Serra ITALY 5/10)
- 17680 **CHILE CVC International** Santiago in SP 1634-1714, slow song, ancment, ID, talk, music, another ID at 1700, new about South America, more talks, QSB and QRN, f-p (Serra ITALY 5/26)
- \*17705 **CUBA R Nacional de Venezuela** relay via Havana in SP 2338, YL speaking about Hugo Chavez, into hi-life instrumental, strong signal but muffled audio (Parker PA 4/28)
- 17750 **USA WYFR Family Radio** in IT 1815, "La Bibbia parla" reading some verses of Gospel, annmnt, ID and QTH, IS, into feature "Foro aperto" answering listeners' relig questions, f (Serra ITALY 5/26)
- 21470 **ASCENSION ISLAND BBC** relay in EG 1545, econ news, ID African service, p (McGuire MD 5/19) in EG 1327 w/rpt on how India thrives on chaos, in Global Business, exc (Hauser OK 5/20)

## Clandestine/Opposition Stations

- 6170 **ETHIOPIA Voice of Tigray Revolution** via Mekele in Amheric \*0256, IS, talk, Horn of Africa music at 0300, poor w/splatter QRM, //5950 also poor (Alexander PA 5/26)
- 11610 **MADAGASCAR Radio Voice of the People** relay in EG/Shona, Ndebele \*0400, lively Afro-pop mx, fqys, TC, web address (Ronda OK 5/20) in EG/Vernaculars \*0400-0457\*, s/on with test tone, short bit of African mx and into Vern talk, IDs, some EG after 0440, news and sports news, closing EG annmnt at 0455 w/Zimbabwe address and E-mail address, weak but readable (Alexander PA 5/31)
- 11695 **MADAGASCAR Radio Voice of the People** relay in Vernaculars/EG \*1100-1155\*, talk in Vernacular African music, IDs, some talks in EG after 1140, very weak in quiet conditions (Alexander PA 6/13)
- 12035 **UNITED KINGDOM Radio Southwest Africa** relay via Rampisham in EG 1735, interview on current politics in Zimbabwe and Ghana, IDs 1738 and 1745, f-p (Ronda OK 5/24) in EG 1852-1859\*, two OMs with discussion about situation in Zimbabwe, ID 1855, tribal vocals, p-f (D'Angelo PA 6/1)
- 15479v **ARMENIA Democratic Voice of Burma** relay via Yerevan in Burmese 1312, phone interview, music bridges consisting of happy, upbeat tunes played on accordion type instrument very much like Shan State revolutionary songs in PBS documentary "The Opium Kings", mention Myanmar, vg (Parker PA)
- 17650 **USA Voice of Biafra International** relay via WHRI Cypress Creek, SC in EG/Vernaculars 2008-2058\*, anti-Nigeria charges by OM mostly in EG but at times alternating w/Ibo and other Vernaculars, full EG ID 2015 mentioning program origination in Washington, DC, call and response song, news analysis, more anti-Nigerian commentary, talk of upcoming peace marches, anthem on flute "God Bless Africa" no WHRI ID heard at s/off, exc reception w/only occasional quick deep fades (Hauser OK 5/23)
- 17690 **PORTUGAL Sudan Radio Service** relay via Sines in EG 1500-1528, "Let's Talk" program with discussions about elections in Sudan and human rights, short breaks of African music, IDs, into AR at 1528, poor to fair (Alexander PA 5/31)

# Company Store

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