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- ✓ FREE Grundig AN200 AM loop antenna
- ✓ FREE Eton FR350 emergency AM-FM-SW radio.

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AN200 29.95
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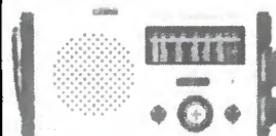
GRUNDIG G4000A

The legend of the famous Yacht Boy 400 lives on in this latest version called the Grundig G4000A. The Grundig G4000A, like its predecessor, is simply our best selling radio here at Universal. We think the reason is value. Dollar for dollar no other radio offers this much performance and so many features. Coverage is complete including long wave (144 - 353 kHz), AM band and shortwave from 1711 to 30000 kHz. FM stereo is provided to the headphone jack. A thumb wheel knob on the side of the radio provides smooth single sideband (SSB) tuning. The illuminated digital display provides tuning resolution at 1 or 5 kHz on shortwave. Two bandwidths are featured. The narrow position affords maximum selectivity, or the wide position may be chosen for best audio fidelity. This is a useful feature on today's crowded shortwave bands where stations are near each other in frequency. The keypad will quickly get you to any frequency or store up to 40 of your favorite stations in the presets. The presets may be accessed directly or you can scan through them by using the radio's second set of Up/Down buttons. The G4000A can also frequency search. The dual digital clock is visible while the radio is playing. Other refinements include: snooze and sleep buttons, lock, High/Low tone switch, Local/DX switch, and 9/10 kHz MW scan selection. External jacks are provided to earphone (3.5 mm), antenna (3.5 mm) and 9 VDC input. The G4000A comes with: AC adapter, stereo earbuds, wind-up antenna, Owners Manual. Requires six AA cells (not supplied). The cabinet has a stunning titanium colored finish. 8"Wx5"Hx1.5"D. 1 Lb. 5 oz. (203x127x38 mm). One year limited warranty.



Grundig G4000A Order #4000 \$129.95 SALE \$99.99

etón FR350



Be prepared and aware with the etón FR350 emergency radio. This affordable portable receives AM, FM plus seven major shortwave bands: 5800-6350, 6950-7500, 9350-10050, 11550-12200, 13400-14000, 15000-15700, 17400-18050 and 21200-21950 kHz. The FR350 has an analog dial and operates from a wind-up generator, or 4.5 VDC or 3 AA cells (not supplied). The generator charges the supplied, replaceable NiMH battery. Two turns per second for 90 seconds will provide 40 to 60 minutes of operation. There is also a built-in triple LED light with emergency light source (two LEDs are white for illumination, and the third is a blinking red LED for signaling). There is even a loud siren function in this device. There are jacks on the rear panel for: earphone output, 4.5 VDC input and phone charger output. These jacks are protected under a water resistant rubber flap. The FR350 has the additional capability of recharging certain cell phones with several common cellular power adapters included. This radio comes with a black canvas carry case, 4.5 VDC 120 VAC adapter, NiMH battery and Owner's Manual. Only 8.7 x 4.5 x 2 inches 1.3 lbs.

FR350 White Order #1350 \$58.98
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✓ FREE Eton FR350 emergency AM-FM-SW radio.



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137 MHz). Your shortwave coverage includes the reception of the single sideband (SSB) mode allowing the reception of ham radio operators, maritime and shortwave aeronautical stations. You can select either wide or narrow selectivity to reduce co-channel interference. You can tune your favorite stations by the conventional tuning knob, quick keypad entry or via the 1000 memories. Two speed tuning (1 and 5 kHz) increments are available. And you will enjoy the fidelity you have come to expect from Grundig enhanced by separate bass and treble controls. The radio features both an Earphone Jack and a Line Output Jack. The built in 24 hour clock has a dual alarm and sleep feature. This radio can simultaneously display the frequency and the time on the large backlit LCD. It will also indicate antenna selection, battery status, selectivity, memory, selected bandwidth and attenuator status. Long distance AM band reception is possible with the built-in 360° rotatable, directional ferrite antenna. External antennas may also be attached. 14.65 x 7.24 x 5.75 inches 5.25 lbs. Includes AC adapter or may operate from four D cells (not supplied). One year limited mfg.'s warranty. List \$400.00 Order #0750 \$299.95

✓ A FREE FR350 AM-FM-SW emergency radio will be included with your Satellit 750

GRUNDIG AN200

The Grundig AN200 is a passive, fully adjustable indoor AM band antenna. Inductive coupling makes it easy to use with most portables that have an AM Ferrite bar antenna. Simply placing this antenna near the radio will improve reception! Just adjust the AN200 tuning knob for maximum gain. There is also an output jack for a "wired" connection to radios with AM antenna terminals. The supplied cable has a 3.5 mm plug at one end bare wires at the other end.



AN200 Order #0912 \$29.95



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\$50-\$100=\$7.95, \$100-\$500=\$9.95, \$500-\$1000=\$14.95.
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As you read in last month's Listeners Notebook (LN) column, **Al Quaglieri** has stepped down after being that column's editor for thirteen years. LN is one of our feature columns with Al providing quality editing over the years. It was great having him on board the team for so many years. His shoes will be difficult to fill. Thanks Al ... may, despite the high noise levels, you will find some time to DX again or attend a DXpedition or two.

John Figliozzi passes on news that Radio Australia will be celebrating its 70th Anniversary in December and is asking listeners to be a part of the celebration through personal written and audio contributions about their relationship to the station (see the full announcement elsewhere in *The Journal*). They are looking for contributions to be written or spoken in your own style in a personally coherent, story-like, "conversational" form. Also, they are looking for "scanned" attachments of ancient QSL cards, photographs or other "historical" bits and pieces which make listeners feel linked to Radio Australia. They will have a 70th Birthday website which will feature the contributions. Portions of the recorded contributions will also be used on-air. Radio Australia looks forward to contributions from our listeners in Asia, the Pacific and around the world. Past and present Radio Australia listeners in the US, Canada, Europe and Africa are encouraged to participate. One of the more interesting aspects of listening they want to learn about is how you hear them: shortwave, the Internet, World Radio Network, partner station, etc. Be sure to mention our favorite medium for listening, shortwave radio!

From **Robert Kipp** we learn that Radio St. Helena Day (RSD) 2009 will be on Satur-

day, 14 November 2009 with the following schedule for this year's "Party On-The-Air": 2000-2100 UTC to India/Southeast Asia; 2100-2200 UTC to Japan/Asia; 2200-2330 UTC to Europe; and 2330-0100 UTC to North America/Central America/Caribbean. All The transmission will be on 11092.5 KHz in upper side band. There is a newly designed RSD 2009 QSL cards sponsored by the Japan Short Wave Club. To get a QSL from Radio St. Helena, you must send a written and verifiable reception report by airmail and include sufficient return postage. Email-reports will be not be verified and recordings will not be returned. In Euro-countries, please send a 5-Euro banknote. Otherwise, please send 3 or more US dollar banknotes to cover the required return postage. Send reports to: Radio St. Helena, P. O. Box 93, Jamestown, St. Helena STHL 1ZZ, South Atlantic Ocean (via United Kingdom & Ascension). Emails and telephone calls from DXers everywhere are very welcome during the broadcasts. A special email address for RSD 2009 will, probably, be announced in October. Robert notes, "Gary Walters and his team at Radio St. Helena wish everyone excellent listening conditions, hope that you enjoy the programming, and hope that the sunspots will be kinder to us this year."

A.J. Janitschek informs us that Radio Free Asia (RFA) has announced its 13th anniversary QSL card which began use on September 1st. This QSL card celebrates RFA's 13 years of broadcast excellence. RFA's first broadcast was in Mandarin on September 29, 1996 at 2100 UTC. This QSL card will be used for all confirmed reception reports dated September 1 through December 31, 2009. The design used is one of many drawings made by the children of RFA personnel earlier this year. This card not only commemorates RFA's 13th anniversary but also helps capture the

Our Motto: Unity & Friendship

spirit of the RFA's family and friends around the world while promoting peace, freedom and democracy. RFA encourages listeners to submit reception reports. Reception reports are valuable to RFA as they help us evaluate the signal strength and quality of its transmissions. RFA confirms all accurate reception reports by mailing a QSL card to the listener. RFA welcomes all reception report submissions at www.techweb.rfa.org (follow the QSL REPORTS link) not only from DX'ers, but also from its general listening audience. Reception reports are also accepted by email at qsl@rfa.org, and for anyone without Internet access, reception reports can be mailed to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036, USA. Upon request, RFA will also send a copy of the current broadcast schedule and a station sticker.

Tim Noonan reports that the July 25th Madison-Milwaukee DX get-together was a success. The event was hosted by *Flashsheet* editor **Mark Taylor**. The weather cooperated this year; I remember spending many hours in Bill Dvorak's garage one year, hi! Tim's family returns as the hosts in 2010 when things shift back to the Milwaukee area. Mark your calendar for Saturday, August 21st.

Ian McFarland sent information about the new CD set he recently released (full details are available at <http://www.dxer.ca> website). It addresses the changes in international shortwave broadcasting since 1979. In the third in a series of CDs, "Yesterday and Today", produced by Ian McFarland and DXer.ca, a panel of experts explains how we got here from there. The panel includes Ian McFarland, John Figliozzi, Kim Elliott, Jeff White and Bob Zanotti—men with strong opinions and lots of experience. Their lively panel discussion captures the spirit of a highly dynamic medium—International shortwave broadcasting... Where it was, where it is now... and Where it's going in the future. 30 years of Shortwave broadcasting in words and opinions—with a nostalgic look back at a joint RCI-SRI broadcast from 1989 and a forum from 2009... And a broad collection of opinions from DXers from the 2007 SWL Winterfest in Kulpsville, Pennsylvania. The new CD set costs only US\$15.00 in North

America or US\$17.00 worldwide from Ian McFarland, #17 - 3025 Cowichan Lake Road, Duncan, BC V9L 4B5, Canada. Checks, cash and charge cards (American Express, Discover, Master Card, VISA). You can also order by going directly to the website. The net proceeds from the sale of these CDs are being donated to the local Food Bank in Duncan, British Columbia, a registered charity. To date, over 700 CD's have been sold. Look for a review in next month's *Shortwave Center*.

In a recent press release, Radio Station HCJB announced the end date for international broadcasts from its facilities in Ecuador has been moved up. Anticipating the opening of the new Quito airport near the station's international transmitter site in Pifo, staff members have dismantled all but 14 antennas and towers. Present shortwave broadcasts in Portuguese, Spanish, German and indigenous languages, including Quichua will cease between September and November 2009. For many shortwave listeners, HCJB and the *DX Partyline* were among the first entries into logbooks.

Adventist World Radio (AWR) recently announced in its *Wavescan* program the winner of its 2009 Silent Station DX Contest which was held in June. Congratulations to **Gunter Jacob** of Passau, Germany who has now won this contest on four occasions. Member **Ed Insinger** of Summit, NJ submitted an entry of merit; nice job Ed! AWR is planning to hold another contest in 2010 with the details to be announced early in the New Year.

From the *DX Window*, published by the Danish Shortwave Club International, comes the following news about the DX Meeting at Internationale Funk Aufstellung in Berlin: For many years it has been a good old tradition that radio hobbyists travel to Berlin for the international radio and television exhibition "Funkausstellung" (IFA) and there has also been existing a meeting for all friends of shortwave. So we invite all DXers to a meeting in Berlin on Sep 05, 2009 to indulge in their common hobby. The opening will be at 5 o'clock pm (CEST) and the meeting will presumably be finished by 11 o'clock pm (CEST). This time

we will meet at the restaurant "en passant", Schönhauser Allee 58, 10437 Berlin. It is very easy to find. Go by underground (U-Bahn) or city train (S-Bahn) and leave the train at "Schönhauser Allee". After a few footsteps you will see the restaurant. If you need help, check the internet: <http://maps.google.de>. The search words are: en passant, Prenzlauer Berg, Berlin. This time we will have a special guest, Mr. **Thomas Schubaur**. He is the leader of the adxb-DL. The adxb-DL is a club for "young" DXers and members of the AGDX, the patron of all German speaking DX clubs. You will be able to learn more about that club at our meeting. The adxb-DL will organize and sponsor some games where you will be able to win some prizes. Some radio stations like Vatican R, Voice of Vietnam, R Canada International and R Romania International have donated some station souvenirs for our listeners' meeting, too. And perhaps there will be some other surprise guests. We are looking forward to everybody who wants to attend our DX meeting! A warm welcome and best regards from Berlin. More details in German about the exhibition: http://www1.messe-berlin.de/vip8_1/website/Internet/Internet/www.ifa-berlin/deutsch/index.html.

We are still looking for a replacement for long time member **Gerry Kercher** who has been taping the NASWA Journal for any

sight impaired members interested in the service. As noted last month, due to health considerations Gerry needs to step down from providing this service. If you are interested in volunteering, please contact me or Gerry (P. O. Box 168, Quaker Hill, CT 06375-0168) as soon as possible. Thanks!

Long time NASWA member and PlayDX editor **Dario Monferini** has been traveling once again. I just received a picture postcard from Dario along with the signatures of many members of the St. Petersburg DX Club in Russia. This year marks the 35th anniversary of PlayDX which is a weekly news sheet featuring medium wave and shortwave news from around the world with each issue running about six pages. Thanks for the card Dario!

Please remember to direct all communications about subscriptions, bulletin delivery issues, trick or treat suggestions, the use of PayPal as a payment method, etc. to **Bill Oliver** at the club's Levittown address or to his electronic address, 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. 

FRENDX: Twenty-Five Years Ago (October 1984)

The cover featured Jeff White of Radio Earth who was selected as ANARC's Broadcaster of the Year in July. No Listeners Notebook with Glenn Hauser suffering a broken ankle and an emergency at work preventing back-up editor Terry Ward from doing the column. As a substitute feature, Publisher Bill Oliver printed many schedules sent in by member John J. Kernan. Steven Lare was looking for a Drake MS-7 speaker while Bill Whitacre was looking to sell his three year old Drake R7 with Gilfer modifications for \$950.00. Bill Whitacre and Paula Tarnafo were married on September 30 in New London, CT and planned to take a year-long honeymoon cruise. In John Herkimer's Shortwave Center, Tetsuya Hirahara and Takayuki Inoue wrote "Latin American Reception in Japan" and Dave Valko submitted a Peruvian Word Search. In the Technical Topics column, Jim Herkimer presented a review about the Uniden CR-2021 by John Tow. Bill Cole presented his first Computer Corner column. In Pappas on Programming, editor Nick Pappas wrote about the impact of empires on broadcasting in Africa. Sam Barto noted that his 5-page QSL Report column was "A short column this time." Substitute editor Kevin Mikell for Log Report A noted that Mike Nikolich's "wedding and bachelor party met their objectives." In Log Report B, Editor Jerry Berg noted new station Ecuadorian Radio Catolica Nacional on 5055 kHz and Bolivian medium waver Radio San Jose on 5985 kHz. Awards Manager John Kapinos announced four new awards: Senior China DXer, Master China DXer, Master Pacifica DXer, and All Germany DXer.

Calendar Of Events

- Oct 9** *Meeting. Boston Area NASWA Chapter.* The Boston Area DXers have found a new location for meetings. Inquiries about the BADXers may be sent to Paul Graveline at 978-470-1971 or Internet: ctcreditor@aol.com. The URL for the BADX guys is <http://www.naswa.net/badx/>
- Oct 10** *Meeting. The Columbus, Ohio NASWA Chapter* will be meeting at Universal Radio in Reynoldsburg at 10:00 AM. Further information is available from Mike Rohde at 614-527-1398 or via e-mail at 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.
- Oct 10** *Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)* meets at the Lebanon Citizens' National Bank (LCNB), 425 West Central Avenue (Ohio 73), Springboro, Ohio at 7:00 PM. For more information contact Mark Meece at 937-743-8089 or e-mail at antennapig@siscom.net>. For additional information about MONIX, check out their web site at <http://www.siscom.net/~mmeece/monix.html>>
- Oct 19** *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 3rd Monday of each month. Info, Curt Phillips, 919-773-4522, curt@nerdster.net>curt@nerdster.net.
- Oct 23** *Meeting. The Reading Area DXers* will hold another meeting at The Flying Dog in majestic Earlville, PA (Route 562 and Airport Road). Members gather around 5:30 PM near the bar area before heading into the restaurant for dinner and further discussions. Contact Rich D'Angelo (2216 Burkey Drive, Wyomissing, PA 19610; 610-678-0937; rdangelo3@aol.com) for further information about future meetings.
- Nov 14** *Event. Radio St. Helena Day 2009.* This year's special broadcast will be on Saturday, 14 November 2009 with the following schedule: 2000-2100 UTC to India/Southeast Asia; 2100-2200 UTC to Japan/Asia; 2200-2330 UTC to Europe; and 2330-0100 UTC to North America/Central America/Caribbean. All The transmission will be on 11092.5 kHz in upper side band. Reception reports with US\$3.00 return postage should be sent to: Radio St. Helena, P. O. Box 93, Jamestown, St. Helena STHL 1ZZ, South Atlantic Ocean (via United Kingdom & Ascension).
- Dec 5** *Meeting. The Reading International Radio Group* will hold a meeting on Saturday December 5 in Room 3, Reading International Solidarity Centre, 35-39 London Street, Reading, England at 2.30 p.m. All are welcome. Contact: Mike Barraclough at mikewb@dircon.co.uk> or phone 01462 643899.
- Feb 6** *Meeting. The Reading International Radio Group* will hold a meeting on Saturday February 6 in Room 3, Reading International Solidarity Centre, 35-39 London Street, Reading, England at 2.30 p.m. All are welcome. Contact: Mike Barraclough at mikewb@dircon.co.uk> or phone 01462 643899.
- Mar'10** *Convention. The 23rd 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.
- 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.
- Aug 21, 2010** *Get Together. The 17th annual Madison – Milwaukee Get Together for DXers and Radio Enthusiasts* will take place on Saturday, August 21, 2010 starting at 1:00 PM until 10:00 PM CDT. This year's venue is in Milwaukee organized by Tim Noonan. This is an informal event to meet and socialize with other radio hobbyist and enthusiasts. Plans include a dinner at a local restaurant about 5:30

PM and returning for the traditional cake and chat. Come when you can, and leave when you must. More information will be available closer to the gathering.

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). 

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/>. Any club members wishing to participate in the NASWA Yahoo Group, moderated by Dan Ferguson (k4voa@zerobeat.org), but not interested in registering direct with Yahoo should contact Dan direct by e-mail for further information. Dan can manually add you to the group. 

Musings

Please e-mail your Musings to Rich D'Angelo at rdangelo3@aol.com or by postal mail to 2216 Burkey Drive, Wyomissing, PA 19610.

Steve Price vinyltocr@msn.com , Johnstown, PA

I don't actually believe it. I must be 14 years old again on 08-25-09.

I am hearing Radio Cairo on 7540 KHz at 0245 with absolutely CLEAR modulation.

This must be the first I ever heard this since way back in the early 80's when their English service was on 9475 KHz along with the Arabic service up on 9900 KHz.

The signal quality is a nice solid S-20 and the modulation is easily understood and completely in the clear. My wife can even completely understand it, who has no experience with radio other than listening to FM. Program is on Ramadan.

6290 Arabic service at 0245, well, same ole, same ole powerhouse signal with unintelligible modulation. One out of two isn't bad.

This is actually nice listening...just might tune in again tomorrow.

Ron Howard <ron888howard@gmail.com>, Asilomar Beach, CA

Beibu Bay Radio—Guangxi Foreign BS: Thanks to Takahito Akabayashi of Japan (via dxldyg) for the heads up about the new name. Beibu Bay is more familiar to Americans as the Gulf of Tonkin.

Their website < <http://www.gxradio.com/foreignradio/index.asp> > has audio streaming (Live Broadcast). The new ID is "This is Beibu Bay Radio" and often has "Learn about the world, get to know China". Also has "BBR" IDs. So far heard in the usual Chinese and Vietnamese, but noted a CRI English program (Hot Pot show with host Duggy Day < <http://enpf.chinabroadcast.cn/TalkChina/photos/cri/picture71763.aspx> >).

Here on the West Coast, 5050 is regularly heard with decent reception, while parallel 9820 usually has heavy QRM. Should be fairly easy to ID this now on 5050, as they give frequent English IDs, not just at the top of the hour.

Regarding IDs for Voice of Shangri-La: recent checks at 1300 and 1400 have found "This is the Voice of Shangri-La", followed by a few more words in English (presented by"?) and then "Yunnan Radio". Reception varies greatly from day to day and is always bothered by adjacent splatter.

Has been another productive week. Especially glad to hear the local ID for AIR Itanagar and their local news bulletin in English; Vanuatu has become a regular now; Beibu Bay Radio is holding up nicely and was glad to catch the "SAARC news bulletin" on 9425.

Hopefully conditions will continue to improve for this coming DX season!

Jim Ronda, Tulsa, OK

I spent part of the week putting up and adjusting a new PAR Electronics EF SWL end-fed antenna that contains a matching transformer. The antenna is remarkably quiet—a real plus for my noisy location. While the FlexTennas are surprisingly sensitive, they are also noise magnets. The PAR is both sensitive and quiet. Jerry Strawman has recently bought one; I got the last one that Universal Radio had. It seems clear to me that the PAR will now become my antenna of choice even if I had to configure it in a less-than-ideal fashion.

This has been another week of antenna experiments and adjustments. I remain both pleased and impressed with the PAR EF-SWL antenna. It is remarkably sensitive and quiet. Taking a long and hard look at my "antenna farm" I realized that I had far too many wires in too small a space. Several of the standard FlexTennas came down and I disconnected the GMDSS-2 vertical. In that space I have now put a hybrid antenna I call the FlexMLB. It uses a standard FlexTenna and a RF Systems MLB balun. On some occasions I can get a better and more readable signal from that rather than the PAR. Antenna experiments abound and since it is pretty hard to tinker with the insides of receivers, fussing with antennas seems a substitute!

Toshi Ohtake <ohtaket@kyp.biglobe.ne.jp>, JSWC, P. O. Box 44, Kamakura 248-8691, Japan
The first topic is Tokyo HAM Fair 2009. This annual event was held on 22nd and 23rd of August at Tokyo Big Site, and attracted 31,000 visitors, which were 2,000 more than last year. JSWC opened our own booth to promote short wave radio listening with booth number J-35.

We had an honor of special visitors, Mr. Risto Vähäkainu and Mr. Tuomas Talka, both from Finnish DX Association (FDXA), who talked on DX in Finland and FDXA. All Japanese audience was amazed and envied their 1 km long beverage antennas set up to each DX target at their campsite in Lapland. They said they were enjoying AM DXing including more than one hundred of Japanese stations using the long wire antenna and a recording of a Japanese station was presented during the lecture which was heard so clear.

Other topics presented were Perseus receiver and loop antenna, which are strong tools for DXing.

After the HAM Fair was finished, we visited Radio Japan to observe their live broadcast in English. We also met with their Engineering personnel to discuss the reception reports from abroad sent to their domestic AM radio. NHK revealed that their Kanazawa station JOJB, which is located near the Japan Sea, on 1386 kHz with 10kW output receives fairly large number of reception reports from Nordic countries.

Mr. Vähäkainu surprised Radio Japan to award "The Radio Station of the Year 2008" and gave the beautiful plaque.

The second topic is EDXC 2009 held in Dublin, Ireland. The Conference was held on 28 and 29 of August at Grand Canal Hotel and more than 40 participants from 10 countries attended. All participants enjoyed lectures, bus tour to Radio Vintage Museum and wonderful banquet dinner in beautiful and friendly city. Dedicated efforts by Edward Dunnes of Ireland DX Club and Tibor Szilagyi, Secretary General of EDXC have made the Conference so successful.

Wishing you FB DXing! Toshi

Ron Hunsicker <ronhuns@ptd.net> , Wyomissing, PA

Sunspots Gone by 2015? Sensational headline, no? Tomas Hood, who runs the hfradio.org website, also distributes a newsletter on a number of the qth.net list servers. A recent article was headlined (roughly) Sunspots Gone by 2015.

Whoa !!!! Propagation like now, but forever? Talk about killing HF radio and the quick end of commercial shortwave broadcasters!

Hood cited a researcher at the National Solar Observatory and I tried to find the references, but the NSO website was not very helpful. I asked Hood where I might find the references and he sent the two attached papers (only 254 KB): One is an article from The Astrophysical Journal and the other from EOS, published by the American Geophysical Union. Read "Are Sunspots Different..." first. Using a straight line extrapolation of 15 years of data, the authors come to the conclusion that sunspots might disappear by 2015. (Keep in mind that the sample period is 15 years in a 7 billion year span; a rather low sampling rate. Nielson uses a rather larger sample proportion.)

The second article, "Temporal Changes in Sunspot Umbral Magnetic Fields and Temperatures," is pretty thick for someone who is not a solar astrophysicist. Consider the Introduction, the first two paragraphs of Observations, and the last paragraph of the journal article. (I found the last sentence of the first paragraph of Observations troubling: 1. If no effort is made to prevent counting the same sunspot twice, one could, even subconsciously, favor sunspots that might favor one's hypothesis and 2. If multiple counting is allowed and long-lived sunspots have different characteristics than shorter-lived sunspots, the data is skewed toward sunspots with longer lives because there are more opportunities to count these sunspots, more times. If I were a reviewer of this paper, I would be very uncomfortable with this sentence.)

"Temporal" also bothers me. The only place that I remember the use of the word temporal is in the Star Trek franchise. My dictionary gives a number of choices: 1) lasting only for a time, 2) worldly, not spiritual, 3) secular, and 4) relating to time, not space. I guess that another title could be "Changes in Sunspot Umbral Magnetic Fields and Temperatures Over Time."

Anker Petersen <anker.petersen@mail.dk>,

The European DX Council annual conference in Dublin, Ireland, was held during the last weekend of August. The agenda was very comprehensive. A total of 48 persons participated, at least in parts of it, and they were very satisfied with the Conference. It was very well organized by EDXC Secretary Tibor Szilagyi and Edward Dunne from Dublin. From the DSWCI Board, Kaj Bredahl Jorgensen, his wife Else, and I also took part in this event where we met 11 DSWCI-members from five other countries. It was a great event and we enjoyed meeting so many good DX-friends. A longer report will appear later on in Shortwave News and on the EDXC Website. After the Conference we were invited to visit the beautiful home of our long-time Irish member Patrick Cody and his wife Mary in Coole at the big lake Lough Derg in the very green western Ireland. That was a very nice experience!

Dan Robinson <darobin@his.com>, Potomac, MD 20854

Well, it's here. Took delivery today of the RX-340... in short, I am absolutely floored at the quality of this thing. Serial Number on this is 10899 and is basically brand new, not a single scratch or dent on it.

Took the WJ 8711A out of its place and put the 340 in and briefly hooked it up. Wow—it's easily on par with the WJ, and what a looker.

Will do some more experimenting and let you guys know, but so far, easily this is the best receiver purchase of my life (other than my first HQ 180).

Now can we just have all those stations from the 60's and 70's back?

Bob Padula <bobpadula@mydesk.net.au>, Melbourne Australia

Sunspot activity continues to be ZERO, and the sun remains blank of sunspots (at least on the visible disk). It's reported that there appears to be a new region that has formed high in latitude in the southern hemisphere. Unfortunately this region is rotating out of view and it's not known if there is a sunspot unless it survives the rotation around the hidden side of the sun. So, Cycle 24 has still not started, and is not likely to so any time soon!

Although sunspots themselves produce only minor effects on solar emissions, the magnetic activity that accompanies the sunspots can produce dramatic changes in the ultraviolet and soft x-ray emission levels. These changes over the solar cycle have important consequences for the Earth's upper atmosphere. See this NASA site for interesting information: <http://solarscience.msfc.nasa.gov/SunspotCycle.shtml>

MSFC Solar Physics Branch members at the Marshall Space Flight Centre have studied the sunspot record for characteristic behavior that might help in predicting future sunspot activity. Current predictions of solar activity for the next few years can be found at: <http://solarscience.msfc.nasa.gov/predict.shtml>. See also <http://www.solarcycle24.com/>

Despite the lack of sunspots, the ionosphere continues to work very well for long-distance propagation on frequencies above about 12 MHz for daylight transmission paths. Reliable propagation over darkness, or semi-darkness paths, is confined to frequencies below about 12 MHz - here in Melbourne, the 3, 5, 6, 7, 9, and 11 MHz bands continue to be very good during the various propagation windows which appear during any 24 hour period.

We are very close to the September Equinox—after that, we will begin to experience the summer daytime propagation phenomena from Asia and Africa in the bands below 12 MHz. Melbourne reception on 11 MHz is scintillating in our evening window, centred around 0930, with some interesting occupancies for broadcasters in Europe making increased use of relays in Asia and the Far East, at times when direct shortpath propagation is not possible.

Giampiero Bernardini <g.bernardini@avvenire.it> Milano, Italia

Ciao. I just posted on my blog a text about the tests I made with some Kchibo ultra light receivers, DSP and not. It is in Italian but you can use an on line translate tool: <http://radiodxinfo.blogspot.com/>.

Paul Swearingen <plsbcbdxer@aol.com>, 2840 SE Illinois Ave. Topeka, KS 66605-4711
I read Mike's Musings report and decided to follow up on it, as some of our readers use IRCs and could be affected if IRCs were to be discontinued. I posted a query at the USPS web site, and here's the reply I received exactly as I received it, typos and all:

<<-----Original Message-----

From: eCustomerCare National <ECCADUSER@usps.gov>
To: Paul Swearingen <plsBCBDXER@aol.com>
Sent: Wed, Sep 16, 2009 9:16 am
Subject: Response to your recent inquiry (Case ID 100038327) (KMM93785I15977L0KM)

Dear Paul Swearingen,

Thank you for contacting us about the availability of International Reply Coupons.

International Reply Coupons are still available. However, the current version of the International Reply Coupon expires on December 31, 2009. To allow customers time to purchase and use the International Reply Coupons it is being removed from sale on October 15, 2009. The new version was made available September 10, 2009.

Thank you for choosing the United States Postal Service.

Donna P>>

So - it would seem that, again, a local postal clerk is in error and that IRC's will continue to be available, unless the Columbus PO indeed no longer will order the new IRC's. Or maybe an "Internationa" coupon is different from an "International" coupon? I wonder what would happen if Mike were to demand one of the new IRC's at the Columbus PO.

Richard W. Parker KB2DMD, 1295 Sleepy Hollow Road, Pennsburg, PA 18073

A Radio Swan verie in 1997? From none other than "Horton H. Heath"? Other members might have heard of this, but it came as a complete surprise to me.

I recently wrote to the National Radio Club for some information on building a MW loop and, amongst other literature received, there was a copy of DX News for 17 August 2009. On the front page, "DX Time Machine" recalled an item from the 16 August 1999 issue. Apparently, Ron Musco of Poquonock, CT, received a verification from Horton H. Heath, confirming Musco's 15 October 1997 reception of what Heath referred to as "LO03 (Radio Swan)".

Musco reported hearing the station at "12:30 am", but no frequency was given in the item. In his verification, Mr. Heath (who I always suspected was actually E. Howard Hunt,

ay least at the time of the original R. Swan broadcasts), noted that the station "... was installed near Swan Island many years ago to be used as a homing beacon by the numerous aircraft sent by C. M. Stanbury III in his attempts to prove that Radio Swan was not located there. About ten years ago this beacon broke loose in a hurricane and has been drifting slowly up the Atlantic Coast of the United States ever since."

But wait—it gets better! Heath continued: "As far as we can determine, at the time of your reception LO03 had drifted up the Hudson River and various creeks and streams and was located at the Municipal Sewage Treatment Plant in Mount Kisco, NY!"

Had such a story appeared in the 1 April edition of *DX News*, I wouldn't have been so perplexed. To my knowledge, the R. Swan/Americas/Swan story ended in 1976, with Ralph Nordarse and the mysterious demolition of the station's antennas. But, over twenty years later, "Horton H. Heath" resurfaces to provide a verification for a fugitive beacon transmitter that he calls "Radio Swan"? What gives?

If anyone out there can shed additional light on this, I'd love to hear it.

Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610
Al Quaglieri's flair and style as editor for *Listeners Notebook* will be missed. He was a great source of knowledge and a fine communicator making his years at the helm great ones for the club. Al, best wishes on whatever you do going forward. Thanks for all the quality years of service you provided the club.

September started off with a nice visit from Robert Kipp of Radio St. Helena fame. Robert was making the rounds in the US visiting relatives and finding the time to stop by for visits with radio hobbyists as time permitted. On Tuesday, September 1st, Robert stopped by Wyomissing for a few hours. We got to talk about a lot of things that radio listeners tend to talk about when gathered together. Rich Cuff was able to join us for a period of time. It was a great afternoon. Don't forget about Radio St. Helena Day on Saturday, 14 November 2009 from 2000-0100 UTC on 11092.5 KHz in upper side band.

This seemed to be my month for North American pirate station QSLs as three of my four reported QSLs this month are from such stations. First up is the non-pirate station, Cheetah Radio via Media Broadcast's Juelich transmitter with a reply from Bryne Edwards, Director of Media Operations at Cheetah Radio in Carson City, Nevada. A formal QSL card is expected by postal mail in a few weeks. Next come the pirate stations. The first from this category is the Voice of Kaos with an electronic report to voiceofkaos@gmail.com being verified with a full data electronic attachment featuring agent under a lamp post. Next is KUSA who verified an electronic report to kusanorthamerica@gmail.com with a date/frequency electronic reply from Less Whitehouse indicating my report was the first from Pennsylvania. Finally, WEAK Radio responded to an electronic report to the station at weakradio@gmail.com in 1 day with a full data "As weak as a weak signal can be and still be a signal" electronic attachment indicating QSL #296. The operator thanks me for a "detailed and accurate report." He stated, "I've been involved in some form of radio DX'ing since the late 70's but only had a very modest small size transistor radio for shortwave reception. In 1987 I bought a Kenwood R-600 and the first evening logged my first 2 pirate stations. Now I mainly use a Drake R8 with various antennas... dipole, random wire, or any configuration that works. WEAK Radio began operating in December of 2008 after a few UNID tests and a few "Radio Clandestine" relays in November." Although a small quantity month, some of the replies were quite interesting. 

Radio Australia Celebrates 70 Years

In December, Radio Australia will be celebrating its 70th Anniversary! Radio Australia wants its listeners - both long-time and new - to be an integral part of the festivities. Here's how you can join in.

Radio Australia invites your personal written and audio contributions about your relationship with Radio Australia. Your essay and/or statement should include some or all of the following information:

- How long have you been listening to Radio Australia?
- How do you hear Radio Australia? — shortwave, the Internet, World Radio Network, partner station, etc. (any or all of these and when/how)
- Has this changed over the years as Radio Australia placed increasing emphasis on delivery platforms other than shortwave?
- What in your opinion sets Radio Australia apart from other international broadcasters?
- Has Radio Australia taught you things about Australia and its way of life you would not otherwise have known?
- What can Radio Australia do to ensure that you continue listening to our broadcasts?
- Have you have any anecdotes to tell us from your time as a Radio Australia listener? (For instance, did you turn to Radio Australia for coverage of a specific event; do you have fond memories of your favourite presenter, newsreader or programme?)

It would be preferred if contributions were written or spoken in your own style in a personally coherent, story-like, "conversational" form, and not as a series of answers to the above questions. Those who are able and willing to do so should feel encouraged to record their message and attach it as a MP3 file along with the text of their message.

Occasionally, long-time listeners are moved to send Radio Australia "scanned" attachments of ancient QSL cards, photographs or other "historical" bits and pieces which makes them feel particularly and personally linked to Radio Australia. Such material would be warmly welcomed.

Radio Australia will have a 70th Birthday website which will feature these written and recorded contributions. Portions of the recorded contributions will also be used on-air.

Radio Australia looks forward to contributions from our listeners in Asia, the Pacific and around the world. Past and present RA listeners in the US, Canada, Europe and Africa are warmly encouraged to participate as well.

Emails should be sent to: radioaustralia@radioaustralia.net.au

For those who still put pen to paper the postal address for contributions is:

English Service 70th Birthday
Radio Australia
GPO Box 428G
Melbourne, 3001 Victoria, Australia



On the Short Waves



by Jerry Berg

<www.ontheshortwaves.com> **Update, August 9, 2009**—One of the more colorful characters in early American broadcasting was Col. Edward Howland Robinson Green, a bigger-than-life resident of the majestic Round Hill estate, most of whose land is now part of the town of South Dartmouth, Massachusetts. Green's broadcast band station, WMAF, came on the air in 1922 with 100 watts (later increased). Under "DX History/QSLs & Other Station Memorabilia," we have posted two interesting items from WMAF. One is a Round Hill "poster stamp" (a non-postage stamp) reflecting the station's call letters, plus some other sites at Round Hill. The other is a reception report sent to WMAF from England in 1923, which makes for interesting reading. The report is from a fascinating book, "Colonel Edward Howland Robinson Green and the World He Created at Round Hill" by Barbara Fortin Bedell. The book is available from <http://www.partnersvillage-store.com/> in Westport, Mass., or directly from Ms. Bedell at bb280z@yahoo.com. (The report is reproduced here with Ms. Bedell's permission.) The origin of the poster stamp is unknown; notwithstanding her considerable knowledge of the Round Hill story, Ms. Bedell was unfamiliar with the stamp.

<www.ontheshortwaves.com> **Update, August 23, 2009**—A reminder that at < www.ontheshortwaves.com > you can find the writings of Adrian Peterson, Coordinator of International Relations of Adventist World Radio. Adrian writes on a wide variety of subjects, and he digs deep, presenting information that cannot be found elsewhere. Look under "Specialized Resources," where you can find Adrian's "Wavescan" scripts along with his articles in two other series, "American Shortwave Panorama" and "Reminiscing With A Radio." This week we have posted six new "Wavescan" scripts. They are on the subjects of the world's oldest wireless postcards (August 2 & 9, 2009), the world's oldest QSLs (August 16, 2009), early wireless stations in northeast New Guinea (July 26, 2009), American "Apex" stations (August 2, 2009) and Apex stations elsewhere (August 16, 2009).—And a reminder that if you click on "New Books" and then look in the "Reviews & Comments" panel you can find many published reviews of "Listening on the Short Waves, 1945 to Today" and "Broadcasting on the Short waves, 1945 to Today," both published in October 2008. You can also read comments from readers. At the bottom of the list are two interviews of Jerry Berg, one conducted by Allen Graham of HCJB in late 2008, and another recently conducted by Keith Perron of the "new" Happy Station program.

<www.ontheshortwaves.com> **Update, August 30, 2009**—This time, under "DX History/Recordings," we visit Honduras, and present some station recordings, mainly from the years 1976 to 1978. In those years, unlike now, Honduras had many stations on the air. They were commercial or religious stations, mainly on the 49 and 60 meter bands, and typically signing on around 1000-1100 UTC, when east coast reception was the best. The recordings are: La Voz de la Mosquitia, Puerto Lempira, 4910 kHz. (1981); La Voz del Junco, Santa Barbara, 6075 (1977); La Voz Evangelica, Tegucigalpa, 4820 (1976); Radio Juticalpa, Juticalpa, 4781 (1978); Radio Landia, Comayagua, 4965 (1978); Radio Lux, Olanchito, 4890 (1977); Radio Progreso, El Progreso, 4920 (1976); and Radio Swan, San Pedro Sula, 6015 (1977).

<www.ontheshortwaves.com> Update, September 6, 2009—Under “DX History/QSLs & Other Station Memorabilia,” we make a visit to Radio New York Worldwide. The station traces its history to W1XAL, which came on the air in 1931 (and itself traces its history to W2XAL, which started broadcasting in 1927). W1XAL became WRUL in 1939, and--with the same call letters--Radio New York Worldwide in 1962. It adopted the call letters WNYW in 1966. This program schedule is from May-October 1964, and illustrates one of the best modern-day examples of American private shortwave broadcasting. It points out the station’s coverage of the 1964-65 World’s Fair in New York; the station’s political, olympic and Wall Street coverage; a special Peace Corps program; the Indianapolis 500; and more. There is a brief history of the station on p. 6, and on p. 7 news from listeners (including a promotion for the ASWLC, which had been formed in 1959). Radio New York Worldwide’s affiliation with ABC gave the station access to a professional news team, whose members are shown on the last page.

<www.ontheshortwaves.com> Update, September 12, 2009—Under “Book Reviews,” a review of the 1943 mystery novel, “A Matter of Accent,” whose setting is “Short Wave House” in New York City.

<www.ontheshortwaves.com> Update, September 17, 2009—Under “DX History on the Net,” some new website URLs. — A new entry under “Stations and Voices of war” is (1) “World War II Radio Propaganda: Real and Imaginary” < <http://www.albany.edu/talkinghistory/index.html>> In this April 24, 2008, program of the “Talking History” project, downloadable in two parts, historians Ann Pfau and (her husband) David Hochfelder discuss their research into the World War II propaganda broadcasts from Japan and Germany made by Iva Toguri, William Joyce, Mildred Gillars, and Rita Zucca. They cover wartime rumors, popular legends about World War II radio propaganda, oral history, British and American wartime propaganda monitoring, soldier surveys, and popular histories and Hollywood depictions of Tokyo Rose, Lord Haw Haw, and Axis Sally. Pfau is researching a book about World War II radio traitors. (Select “Jan-June 2008” in “The Radio Archive” window and click “Go.”) — Under “Listening in Wartime,” check out (2) “Honoring Those Who Listened” < <http://www.usmm.org/duffyhonoring.html>> Capt. George Duffy had been a POW in Japan. His site presents some of the cards and letters that his mother received from 35 POW message monitors when two of George’s letters were read over the air. Increase the magnification of your browser to better read this material. — And under “Post-War Shortwave,” three new sites. (3) “Radio in Latin America in 1963--David Gleason on the Web” < <http://www.davidgleason.com/Radio%20Photos.htm>> is an excellent collection of photographs taken at various radio station studios, transmitter sites, etc. in Latin America during the mid-1960s. In 1963, following an internship in Mexico, David Gleason wandered through Central America, Colombia and Venezuela. These are some pictures of the radio stations he visited in Mexico, Guatemala, El Salvador, Honduras, Nicaragua, Costa Rica, and Colombia. (4) On the “Swan Island DX Assn.” website < <http://www.qsl.net/sidxa/history.html>> are a number of interesting links to information about Radio Swan, the CIA-operated station that operated in 1960-1961 before becoming Radio Americas. Also of interest is < http://cuban-exile.com/doc_226-250/doc0241.html> which is a short paper from the “Cuban Information Archives” concentrating on the anti-Castro role of the station. (5) And finally, the “Russian Woodpecker” site < <http://www.artificialowl.net/2008/12/abandoned-giant-duga-3-system-antenna.html> > Remember the strong, rapid-fire tapping of the Russian woodpecker that emanated from several Russian over-the-horizon radar installations? Operating at unpredictable hours and for varying durations, the woodpecker affected many frequency ranges and radio services, including international broadcasting, and often rendered reception virtually impossible over wide swaths of frequencies. It didn’t disappear until 1989. This website has pictures of a woodpecker installation in Ukraine.

Easy Listening

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

When it's quiet on the radio... browse the websites...

Things are somewhat quiet on the short-wave front these days, as schedules are still a month away from the seasonal changes, and the sunspot cycle has kept propagation generally iffy. However, broadcasters haven't necessarily standing still—many continue to tweak their Internet websites as they adapt to an increasingly online audience. One of the recent trends has been the adoption of software systems that help to automate this updating process, as the tools used to create programming—scripts, synopses, and schedules—are also becoming the tools to publish this content. One of the apparent consequences of this is that broadcaster websites are becoming a bit more Spartan—background collateral and reference information seems shallower than it used to be for broadcasters like the BBC World Service, yet the online availability of past programming is increasing. Aided by the Internet Wayback Machine, the definitive archive of old web content, here's a random sampling of recent changes in broadcaster websites, particularly when it comes to the availability of programming for live and on-demand listening or download.

Voice of Vietnam

The **Voice of Vietnam** website appears to have been recently updated, with a list of past news stories and archived audio. However, all of the archived audio I sampled was in Vietnamese, not in English, even though the list of stories available as archived audio appears in English.

My notes from a couple years back state that Voice of Vietnam programming was available for on-demand listening via the VOV website, but I haven't yet been able to locate any stash of English language programming on the VOV website.

Check for yourself at <http://vovnews.vn> .

Radio Japan

This column has documented the erosion of radio programming from NHK, Radio Japan's parent organization, over the years; nowadays, the only programming produced is a 10-minute English newscast (updated two to three times per day), a weekday magazine program (*Radio Japan Focus*) and two weekend programs—*Pop Up Japan*, a Saturday program about popular music in Japan and youth culture, along with *World Interactive*, a Sunday cultural program featuring listener contact and embedded cultural features. All of these can be heard online; the news is also available via podcast. Shortwave air times to North America:

5:00–5:30 , 6110 kHz
12:00–12:30, 6120 kHz
14:00–14:30, 11705 kHz
0:00–0:20, 6145 kHz (previous day's programming).

An interesting development for those with broadband internet connectivity is the availability of live streaming video from NHK TV—that's really where much of NHK's international broadcasting is being spent nowadays. Much like on radio, the focus is heavily on news, with 15 to 30 minutes each hour devoted to a news analysis program called, unoriginally, *Newsline*.

It doesn't appear that any TV programming is available for streaming on-demand.

Radio Prague

Radio Prague has been the most proactive adopter of Internet technologies to extend its platform reach; the latest edition of each of Radio Prague's daily, weekly, and monthly programs is generally available for on-demand listening or download, and you can listen to each day's English language broadcast as a single program as well. A week's worth of programs is available in that form as well.

If you'd like to try your luck at some of Radio Prague's other languages—Russian, German, Czech, French, or Spanish—those programs are also archived for one week.

One of the interesting tools that Radio Prague uses to organize its content is RSS—Really Simple Syndication—you might know its less formal synonym of *news feed*. Radio Prague offers 12 different thematic topics for which news feeds are provided: Business, Culture, Current affairs, Czechs abroad, European Union, Foreign policy, History, Nature, Science, Society, Sport, and Travel. Most of these feeds are updated several times per week; some (specifically Current Affairs) are updated more than once per day most days. Each update consists of a short summary, with a transcript and audio file available as well.

RSS feeds are maintained for current and former Radio Prague programs (such as *Insight Central Europe*); some of the audio in those feeds dates back several years.

One of the interesting areas is *From The Archives*, part of each Thursday's (Friday UTC for most evening listening in the USA) program. Radio Prague has an English language audio archive that dates back to the early 1930s—even before regular English language broadcasts were scheduled. These weekly segments are themselves archived; you can listen back to segments of *From The Archives* that have been produced since November 2007. The segment that aired on September 24th, *Radio Prague Goes Back On Air*, dates from 1990, when Radio Prague went back on the air following the Velvet Revolution after a few weeks of silence as the Communist regime and its Radio Prague staff were cut.

Another popular Radio Prague segment is *Letter From Prague*; audio from this weekly program is available dating back to 2002, which is pretty impressive considering the work that was required to develop the web site code and catalogue the audio for online listening. *Letter From Prague* continues to air in the Sunday (UTC Monday for most releases targeting the USA) programming block.

The current shortwave schedule, good only until the end of October, includes the following air times and frequencies for English targeting North America:

2130–2157 UTC, 11600 kHz
2230–2257 UTC, 7345, 9415 kHz
0000–0027 UTC, 7345, 9440 kHz
0100–0127 UTC, 6200, 7345 kHz
0300–0327 UTC, 7345, 9870 kHz
0330–0357 UTC, 6080 kHz

I'll update the times and frequencies once the new schedule is available. In addition to these, WRMI is listed for two relays targeting South America and the Caribbean in English, at 0900 and 1400, both on 9955 kHz; I am not sure these are on the air, as *Radio Prague* tweaked its relay utilization a few months ago.

Hope you are able to enjoy good radio, whether it's online or over real live shortwave; see you next month!

73 DE Richard



Mr. William E. Oliver,
Thank you for your report
on the reception
of RADIO STATION
«PEACE AND PROGRESS»

Date 22.6.1974
Time 00.00 GMT
Frequency 25 mb

Your report has been checked with our records and is correct in every detail.

Best wishes from Radio Station Peace and
Progress, the Voice of Soviet Public Opinion.

Shortwave Center

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

[Editor's Note: Apologies for failing to provide this column in September. Some unanticipated logistical problems prevented transmission of the column to the publisher by the deadline.]

APPEAL FOR ARTICLES – *I haven't done this in a while, so it bears repeating. The Journal is not a magazine subscription. It is a member bulletin that relies principally on member provided material for publication. NASWA has several hundred members. If every one of us committed to writing one article per year, we would have surplus of articles reflecting the interests and intelligence of the NASWA membership. Please consider this an appeal for your support. Surely, every member has at least one article he or she has seriously considered writing. Now is the time.*

This month we have an article from the prolific Marlin Field, a long time supporter and member of NASWA, as well as another in his series of always interesting DX Target contributions from our Executive Director, Rich D'Angelo. We close with some timely items from the National Association of Shortwave Broadcasters (NASB). Enjoy!

ELWA, Monrovia, Liberia

By Marlin Field

ELWA, Eternal Love Winning Africa, Monrovia, Liberia, went on the air January 28, 1954, the brainchild of two college students. A lot has happened to the station since then. In the 1960's the station had five transmitters: two 1 kilowatt; and one 50,000 kilowatt, and operated on 15185 kHz, 11975 kHz, 11825 kHz, 11800 kHz, 3225 kHz shortwave and 710 kHz on the medium wave band. Then the station was receiving 10,000 letters a month, all of which were answered. One of my first QSLs came from ELWA, when I heard the station on Nov 30, 1960 at 0430 UTC on 11,825 kHz. The headquarters of the Sudan Interior Mission ("SIM") then were in New York City. Fellow DXer Warren Nordgren of Wisconsin and I cooperated in getting a Drake receiver for the station's newsroom.

Civil war, in fact, three civil wars, hit the country after that. In 1990, during the early phase of the conflicts, ELWA studio and transmitter buildings were completely destroyed. After that the FM and shortwave transmitters and studio were relocated to the old ELWA garage building, itself receiving a thorough looting in 1996. With the conflict many foreign missionaries left Liberia, and SIM did not send replacements. Their void was filled by Liberian nationals.

The station is back on the air after being off for over a year because of equipment problems and is being heard on 4760 kHz. Future plans include using other frequencies and a 5 kilowatt transmitter, hoping to reach listeners outside Liberia. One program now aired on Saturday morning's sounds as if it could be aired here. It's a program with the Rev. Benedict Nagbe with some young people. They discuss issues, such as alcohol and other drugs, HIV/AIDS, school and careers, relationships and other interests.

During 2007 in the ELWA Radio Restoration, Phase 3, funds were used mainly for new equipment such as a new control board, two desktop computers, one laptop computer, microphones, CD player, and other electronic equipment to make the studio more effective for digital recording. Technicians who use the equipment were trained by a Liberian Christian. In 2007 the SIM project bought around \$10,000 worth of equipment, about two-thirds of it for the studio.

Information for this article came from various sources, including Bill Logue, stewardship representative of SIM, who visited me one day, stopping on his trip from SIM headquarters in Charlotte, NC to his home in Vinings, MN. Also, quite helpful were Carolyn George of the SIM headquarters, and Rick Sacra, MD, in Liberia.

DX Target: Radio Kuwait

By Richard A. D'Angelo

The Middle East is home to a number of shortwave broadcasters. Although most do not broadcast in English, Radio Kuwait does. Its English language program offers an interesting insight into the country and its people. This DX Target will feature international shortwave broadcasting from the State of Kuwait.

Background

Britain oversaw foreign relations and defense for the ruling Kuwaiti Al-Sabah dynasty from 1899 until independence in 1961. The State of Kuwait was attacked and overrun by Iraq in August 1990. Following several weeks of aerial bombardment, a US-led, UN coalition began a ground assault in February 1991 that liberated Kuwait in just four days. Kuwait spent more than \$5 billion to repair oil infrastructure damaged during the 1990-1991 time period. The Al-Sabah family has ruled since returning to power in 1991 and re-established an elected legislature that in recent years has become increasingly assertive including a historic election in May 2009 in which four women were elected to its National Assembly.

Geography

The State of Kuwait lies at the northwest corner of the Arabian Gulf, as it shares its east border with it. To the south and southwest, it shares borders with the Kingdom of Saudi Arabia, and to the north and west it shares border with the Republic of Iraq. The distance between the most remote location on the northern border and its equal location on the southern border is about 200 kilometers, or 124 miles, and between the east and west borders on a longitude 29 degrees, is about 170 kilometers, or 106 miles. It is strategically located at the head of Persian Gulf.

The borders length is about 685 kilometers; 195 kilometers are sea border on the gulf to

the east. It shares a 490 kilometer border with the Kingdom of Saudi Arabia to the south and west and another of about 240 kilometers with the Republic of Iraq, to the north and west. The total area of the State of Kuwait is 17,818 square kilometers.

The climate is dry desert with intensely hot summers and short, cool winters. It is home to about 2.7 million inhabitants of which about 1.3 million are non-nationals.

The major cities are the capital Kuwait City and Jahrah which is a thirty-minute drive northwest of Kuwait City. The main residential and commercial areas are Salmiya and Hawalli. The main industrial area is Shuwaikh within the Al Asimah Governorate. The main palace is the As-Seef Palace in the old part of Kuwait City where the Emir runs the daily matters of the country. The government headquarters are in the Bayan Palace and the Emir lives in Dar Salwa.

Economy

The State of Kuwait's major natural resources include petroleum, fish, shrimp, and natural gas. Kuwait is a small, rich, relatively open economy with self-reported crude oil reserves of about 104 billion barrels - 8% of world reserves. Petroleum accounts for nearly half of GDP, 95% of export revenues, and 80% of government income. Kuwait experienced rapid economic growth over the last several years on the back of high oil prices and in 2008 posted its tenth consecutive budget surplus. As a result of this positive fiscal situation, the need for economic reforms was less urgent and the government did not push through new initiatives. The drop in oil prices in late 2008 has reduced Kuwait's fiscal surplus in 2009. The global financial crisis may slow the pace of investment and development projects, but Kuwait has vowed to use its considerable financial resources to stabilize the economy, if necessary.

Radio Broadcasting in Kuwait

Although a small country in geographic terms, the State of Kuwait has 6 medium wave broadcasting stations, 11 FM outlets, 13 television stations, and an international shortwave broadcasting station, Radio Kuwait, which is our focus. Kuwait has one of the most vocal and transparent media in the Arab World. In 2007, Kuwait was ranked second in the Middle East after Israel in the freedom of press index. Though the government funds several leading newspapers and satellite channels, Kuwaiti journalists enjoy greater freedom than their regional counterparts. State-owned Kuwait News Agency is the largest media house in the country. The Ministry of Information regulates all media and communication industry in Kuwait. Government-funded Radio Kuwait also offers daily informative programming in four foreign languages including Persian, Urdu, Tagalog and English on the medium wave band as well as on the international shortwave bands.

Radio Kuwait

The English program of Radio Kuwait features a review of the day's programming after the opening announcement. There is usually a news bulletin on the hour along with features such as Kuwait in the International Arena. Other feature programs include Islam and Peace, musical selections, Kuaityen, Pioneers and Famous Personalities of Kuwait, and Life in Kuwait. Prior to closedown there is News in Brief.

The Department of Frequency Management has issued the following shortwave frequency schedule for Radio Kuwait's transmissions for A2009: 0200-1305 UTC on 6055 kHz to the Gulf Area; 0800-1000 UTC on 7250 kHz to the Gulf Area; 0500-0800 UTC on 15110 kHz to South and South East Asia; 0200-0945 UTC on 13650 kHz to the Middle East; 1315-2110 UTC on 9880 kHz to the

Middle East; 1800-0000 UTC on 13650 kHz to Central, North and West Africa; 1000-1740 UTC on 11630 kHz to Central, North and West Africa; 1005-1200 UTC on 17885 kHz to the Far East; 1205-1500 UTC on 17885 kHz to the Far East; 1815-0000 UTC on 9855 kHz to Europe and North America; 1800-2100 UTC on 11990 kHz to Europe and North America; 0915-1310 UTC on 13750 kHz to Europe and North America; 1505-1755 UTC on 15225 kHz to Europe and North America; 0315-0700 UTC on 11675 kHz to Western North America, and 2200-0300 UTC on 11675 kHz to Western North America. On the east coast of North America the English transmission at 1800 to 2100 UTC on 11,990 kHz is regularly heard at good levels.

The station has been known to verify listener reception reports although sometimes patience is required. Getting on their mailing list for schedules seems very easy but sometimes those QSL verifications can be elusive. Nevertheless, English language reception reports stand a good chance of receiving verification although a follow-up may be required. Reception reports can be sent to the station electronically to kwtfreq@media.gov.kw or by the postal system using the following address:

Radio Kuwait

Department of Frequency Management

P. O. Box 967

13010 Safat

Kuwait

As always, remember to send in those Radio Kuwait logs to electronic *Flashsheet* editor Mark Taylor, the NASWA Yahoo Group moderated by Dan Ferguson and to Wallace Tribel for the *Log Report*. Of course, those interesting QSL verifications should be sent to Sam Barto for inclusion in the *QSL Report* column. Good luck with this DX Target.

HCJB's Other Ministries

By Marlin A. Field

HCJB is more than a shortwave radio station. One project is its hospital. I learned about its pre-tuned radio program back in the early 1960's when I started DXing and had a visit from Doug Peters of HCJB. Today it's pre-tuned solar powered radios. Recently around 600 of these were distributed to needy families in mountain communities as well as the government hospital in Lesotho.

Radio planting is another project of HCJB. In the past seventeen years HCJB has planted close to 350 radio stations in 100 countries. In one of these countries, Nepal, it took ten years from the initial request followed by follow-ups on a regular basis before the government would allow HCJB to plant a station in the country. Now there are two FM stations in Nepal.

NASB Sponsors HFCC/ASBU B09 Conference in Punta Cana

What is an HFCC/ASBU Conference?

Twice each year, the world's major shortwave radio stations and governmental regulatory bodies gather at a different place in the world each time for what's called the High Frequency Coordination Conference, or HFCC. The HFCC, together with the Arab States Broadcasting Union (ASBU), organizes this conference so that frequency planners, engineers and management from shortwave stations around the world can plan their transmission and frequency schedules for the following half-year. They all share their schedule plans in a master database, and the conference technical personnel produce lists of potential "collisions" where there is more than one station on the same frequency at the same time to the same geographical target area. The various delegations can then negotiate changes to their schedules in order to eliminate any interference before it actually begins. These HFCC conferences have been taking place for nearly years now, since the end of the Cold War. Participants include Russia, China, the U.S., most all of Europe, many Asian stations and some from Africa and Latin America.

The HFCC Conference lasts a week, from Monday to Friday. Each day a new set of "collision lists" is produced, and the conflicts are worked out. By the end of the week, the

vast majority of potential interference for the coming frequency season is eliminated.

Planning an HFCC Conference takes a lot of work. The sponsors of each conference are often large organizations like Radio Canada International, Deutsche Telekom, VT Communications (which operates the transmitter sites of the BBC World Service) and China Radio International, to mention a few. The conference which just took place in the Dominican Republic from August 17-22 was hosted by the National Association of Shortwave Broadcasters (NASB) of the United States.

Our work over the past year has involved choosing a hotel with adequate facilities for this group of nearly 150 delegates from nearly 40 countries, negotiating the hotel contract, planning the conference schedule, dinners, receptions, sightseeing tours, helping delegates arrange flight schedules and obtain visas from the Dominican Foreign Ministry when needed. We had to arrange special entry permits for the delegations from Iran and China, for example.

What this project has shown us is that, without a doubt, shortwave broadcasting continues to be an important communications medium around the globe. New technologies like the Internet, iPods and so on have helped shortwave stations expand

their contact with listeners, but they have in no way replaced shortwave radio as the primary means of direct communication with listeners around the world. The shortwave bands are still full of transmissions, and it requires a tremendous amount of frequency coordination among stations to prevent interference and guarantee a good signal. We were proud to be a part of that effort in Punta Cana this August, and the results will be seen – or heard – around the world during the coming winter frequency season from October 09 to March of 10.

The High Frequency Coordination Conference (HFCC), held in conjunction with the Arab States Broadcasting Union (ASBU), took place at the Dreams Punta Cana Resort in Punta Cana, on the east coast of the Dominican Republic, from August 17 to 22. Just over 100 delegates attended from nearly 40 countries, plus about 28 family members and about a dozen Dominican broadcasters from local and national radio stations. It was hoped that the participation would be about percent more, but the world economic crisis has greatly affected many shortwave station budgets, so some stations were unable to send representatives, and others were forced to send fewer representatives than they normally send. Nevertheless, the overall turnout was considered a success given the current economic conditions. There were large delegations from China, Russia, Iran, the FCC and the IBB in the United States, and VT Communications from the UK, among others.

The NASB was the organizer and main sponsor of the conference, with the government regulatory entity Dominican Telecommunications Institute (INDOTEL) as co-sponsor. NASB associate members International Broadcasting Bureau (IBB) and Continental Electronics sponsored the conference's coffee breaks during the week. Thomson Radio Broadcast sponsored the closing reception, and VT Communications provided the conference name tags. Both Thomson and VT Communications are also NASB associate members.

NASB President Jeff White was the conference chairman. He was assisted by a staff

including his wife Thais (NASB Assistant Secretary-Treasurer), Johanna Silva (who also worked on our NASB HFCC Conference Committee in Mexico City in 05), Adriana Brito (who is from Venezuela but is the granddaughter of famous Dominican baritone singer Eduardo Brito, for whom the National Theater is named in Santo Domingo), Pedro Estrella of Radio Discovery in Santo Domingo, and WRMI studio operator Javier Garcia from Miami. The NASB sent WRMI's chief engineer José Raul Mena from Miami to Punta Cana for nearly a week before the conference began in order to help set up the Internet connections and other technical arrangements for the meeting together with the HFCC's technical guru Vladislav Cip, who manages all of the data processing for the conference, producing the collision lists, etc. After most of the delegates end their coordination work each day at around 5:00 pm, you can still find Vladislav working in his data processing cubicle until nearly midnight, or sometimes even later.

Well-known Dominican broadcaster Rodolfo Espinal—who originally suggested having an HFCC in Punta Cana—assisted the NASB conference committee and worked as a liaison between the NASB and INDOTEL, the Dominican Foreign Ministry and the Ministry of Tourism. NASB Board members Brady Murray and Glen Tapley; George Ross of member station KTWR in Guam; Jerry Plummer of member station WWCR in Nashville; and Terry Borders of member station WEWN were also present and were part of the FCC delegation headed by Tom Lucey. Other members of the U.S. delegation included Dave Hultsman of Continental Electronics; John White of Thomson Radio Broadcast; and Russ Erickson and Duane Williams of the IBB, as well as Arto Mujunen of the IBB's Helsinki office.

The speakers at the opening session of the HFCC/ASBU Conference included Jeff White, President of the NASB; Rodolfo Espinal, who delivered a message from the President of INDOTEL; Dr. Virgilio Cedano, the Dominican Republic's Vice-Minister of Tourism in charge of the Eastern Region, which includes Punta Cana and is the most rapidly-growing tourist area in the country; and HFCC Chairman

Oldrich Cip. (See the texts of the opening remarks by Espinal and Cip elsewhere in this issue of the *NASB Newsletter*.)

The conference delegates spent five days coordinating their frequency schedules for the B09 season, which begins in October of this year and goes until March of 10. The usual negotiations took place between the various country delegations to try to reduce interference from one station to another.

There was some discussion about the future of shortwave on a worldwide scale. James Serpell of Christian Vision announced that CVI has decided to cease operations at its Julich, Germany transmitter site at the end of the A09 season. He cited as reasons for the closure financial considerations and "the changing patterns of how people are using media." HFCC Chairman Oldrich Cip noted that although many large international broadcasters have reduced or eliminated their shortwave broadcasts due to budget cuts and in favor of new media such as the Internet, the shortwave bands are still crowded, and there is no danger of shortwave broadcasts disappearing in the near future. So worldwide frequency coordination is still very much needed.

At the Plenary Session on Friday morning, it was announced that the deadline for the collections of B09 season operation data is October 5, and that the tentative location for the A10 HFCC/ASBU conference is Kuala Lumpur, Malaysia at the beginning of February 10. Jakarta, Indonesia was the other possibility for the B10 conference, but some people were concerned about safety in the wake of the recent bombings of two tourist hotels in Jakarta. So far, there are no volunteers to host the B10 Conference in August of next year.

Also at the Plenary, the Group of Experts mentioned that a layman's guide to the new HFCC collision lists would be available on the HFCC website within the coming weeks. There was some discussion about the advisability of including schedule information from non-members in the HFCC/ASBU frequency lists. Some of these schedules

include a lot of "wood" (i.e. listings for transmissions that are not actually on the air), and there was concern that these stations would be getting a "free ride" from the HFCC since they would be getting their schedules included in the coordinated lists, but they are not paying membership fees to the HFCC. As non-members, they would not take part in the coordination conferences, so there would be no way to negotiate with them at the conferences regarding any collisions that they might be causing or involved in. In effect, they would be notifying everyone else that they plan to use certain frequencies at certain times, and it would be up to the HFCC/ASBU members to avoid these frequencies at these times, which is not the spirit of frequency coordination. This situation will continue to be discussed, but for the moment it was decided that a text list of non-members' schedule requirements would be distributed to members during the conferences.

The Group of Experts also mentioned that there is a new HFCC language code list, and that members should be encouraged to include language information and the design frequency of their antennas in their requirements. They also discussed developing a list of specific Internet requirements for future conferences, in view of certain limitations on the hotel Internet systems at this and other previous conferences.

Continuing with items discussed at the Plenary, it was reported that an audit of the HFCC budget by Bernd Friedewald showed that all but one member had paid their membership fees, and the financial report was approved by the membership. One new application had been received for associate membership in the HFCC by the BBC. Oldrich Cip noted that the BBC had been among the original members of the HFCC in the early 1980's, but it had been basically replaced in more recent years by VT Communications, which took over the former BBC shortwave transmitter sites. Now the HFCC rules permit associate members, and it seemed quite appropriate that the BBC should become an associate member.

A half-day forum about DRM—Digital Radio Mondiale—took place on the afternoon of August 21, and many Dominican national broadcasters participated in that event. There were presentations by DRM Consortium board members Horst Scholz from Deutsche Welle and Ludo Maes of TDP, and from DRM Commercial Committee Chairman Michel Penneroux from TDF in France (“DRM—A Strong Reference for Digital Radio in the Dominican Republic”). Speakers also included Geoff Spells of VT Communications (“An overview of the International Technical and Regulatory Situation”) and Antonio Reyes of Christian Vision in Santiago, Chile (“Experiencia de CVC Chile Utilizando el Formato DRM en sus Transmisiones de Onda Corta”). Special DRM transmissions were directed to Punta Cana for the event from Radio Netherlands in Bonaire, CVC in Chile, TDF in French Guiana and Radio Canada in Sackville, New Brunswick. The new Uniwave consumer DRM receiver was demonstrated, and all of these special transmissions were picked up, along with a DRM broadcast from Vatican Radio as well. Well-known Dominican broadcaster Teo Veras attended the forum, and he expressed the hope that at least one large Dominican broadcasting organization might initiate a shortwave service in the foreseeable future. Anyone who would like a copy of the PowerPoint presentations by Michel Penneroux, Geoff Spells and Antonio Reyes at the DRM workshop should send an e-mail to Jeff White at radiomiami9@cs.com, and we will be glad to send them to you.

A new tropical band shortwave station was inaugurated during the HFCC-ASBU Conference in Punta Cana. Radio Discovery broadcast on 4730 kHz during the event. No confirmed reports were received from outside the Dominican Republic, but the station's antenna situation was very limited by the physical restraints of the hotel from which the broadcasts emanated. Radio Discovery will resume transmissions in the near future from its permanent location in Santo Domingo on the frequency of 4780 kHz, which has been authorized by the Dominican Telecommunications Institute INDOTEL. It had been hoped to conduct tests in the WinDRM digital transmission

mode from Radio Discovery in Punta Cana, but these were not done due to the antenna limitations. However, Pedro Estrella of Radio Discovery hopes to do the WinDRM tests after the station is re-constructed in Santo Domingo and operating on 4780 kHz.

Conference participants also had time to enjoy a bit of the local atmosphere in Punta Cana, the most popular tourist area of the Dominican Republic. The conference hotel has one of the longest free-form swimming pools in the Caribbean, as well as an attractive beach. There were optional tours on Wednesday to Cap Cana, currently the largest residential and tourism development in the Caribbean; and Thursday to Punta Cana Resort, which was the first tourism development in the Punta Cana area in the 1970's and owner of the Punta Cana International Airport – the world's first privately-owned international airport. At the Punta Cana Resort, the tour passed by the homes of celebrities such as Oscar de la Renta and Julio Iglesias. At Cap Cana, the group was met personally by Ellis Perez, Cap Cana's Vice President for Communications and Public Relations, who was formerly the Dominican Republic's Minister of Tourism and for many years a broadcaster at Radio Universal, one of the country's major radio stations.

On Saturday, August 22, there was an optional bus tour to the Dominican capital city of Santo Domingo. About half of the conference delegates participated. The tour visited the old colonial zone of Santo Domingo where the oldest cathedral in the New World is located, the Columbus Lighthouse where the remains of Christopher Columbus are believed to lie, and it included lunch in a well-known restaurant that's inside a natural cave. The HFCC/ASBU B09 Conference officially ended on Saturday evening back at the Dreams Punta Cana Resort with a reception and group dinner sponsored by Thomson Radio Broadcast. The open-air reception was held at the edge of the beach, and it included a Latin trio playing live music. The dinner was held in the Bordeaux restaurant with a second-floor view of the beach at night, and the menu included cream of corn soup, black angus tenderloin and a chocolate dessert with vanilla ice cream.

Opening Remarks by Rodolfo Espinal on behalf of the Dominican government

Dear Fellow Broadcasters, good morning.

My name is Rodolfo Espinal, although better known in the shortwave world of the past as Rudy Espinal.

On behalf of the Dominican Government, and especially on behalf of Minister José Rafael Vargas, President of the Dominican Telecommunications Institute, which is the government telecom regulatory body in the Dominican Republic, I would like to welcome all delegates from all the different countries represented here today, with special thanks to my longtime friend and fellow broadcaster Jeff White and the HFCC/ASBU Board for choosing our country for this meeting.

Although shortwave is not a very well known subject in my country—some associate it with the ham radio operation—we have two outstanding periods in history in which shortwave broadcasting played an important role in communicating the existence of this still happy paradisiacal Caribbean island to the rest of the world.

The first one was the late Dictator Rafael Trujillo's propagandistic attempt to promote the wellbeing of this country and its people under its dictatorial regime and contradict the negative news and opinions made public by adverse governments and the political opposition in exile.

It was through the multiple band and frequency emissions of "La Voz Dominicana" (The Voice of the Dominican Republic) and later "Radio Caribe" that I had my first encounter and experience with shortwave, at the age of 14, in the late 1950's. My father being a career diplomat, as all other Dominican diplomats, kept himself up-to-date with what was going on politically in the country through the international broadcasts of the government stations, and I kept myself up-to-date with the music and culture of a country of which I was a citizen, but which I had not yet lived in (I was born and practically

raised in Curacao, Netherlands Antilles).

The second one—and here I (and my long time friend and broadcaster, Teo Veras, who is joining us on Friday) had a lot to do with its international incidence—was "Radio Clarín International," which became the first private SW Broadcaster with a special SW programming, and through which I produced the 1978 NASWA and ASWLC Broadcaster of the Year award-winning shortwave program, "This is Santo Domingo."

For many years we have been using SW broadcasting, but not as specially programmed broadcasting stations, but merely as re-transmitters of the regular programming of those local stations. Famous for their international reach, with barely not more than 1 KW Tropical Band Transmitters: "HIZ, La Voz del Trópico, Radio Universal, Radio Mil", and since the late part of the 1970's, Radio Clarín. Some of these stations are still using their SW frequencies as they used to, some have dropped it for economical reasons, and some still maintain their unused Tropical Band frequencies. Radio Clarín's 50 KW transmitter is still on the air, but broadcasting from Florida as Radio Miami International.

During this meeting we will have a DRM showcase, and we have made special arrangements to have regular local broadcasters and SW frequency holders to attend this showcase, so as to re-encourage the use of the modern, far reaching, and economical DRM digital SW transmitters. If this objective has a positive result, we might, in a very short time, have new SW broadcasting stations pop up in this country. One of them is soon to make history as the first Tropical Band broadcaster using the DRM digital technology, which this week is broadcasting live from Punta Cana, which is my good friend Pedro Estrella's "Radio Descubrimiento" or Radio Discovery, godfathered by Jeff, and named after the fact that the Dominican Republic is the place where the first European settlement in the New World was erected, and from where the Conquistadores departed to discover the rest of America, including the U.S. through Florida.

Don't be too surprised, in the very near future, to hear "This is Santo Domingo" on Radio Discovery, or the "This is Santo Domingo" Shortwave Station.

I'm proud of my past, and looking forward to be part of the Dominican shortwave future that is beginning right this moment, and for which we have to thank all of you for making this happening.

Again, a very warm welcome to the Dominican Republic.

B09 Conference Opening Remarks by Oldrich Cip

It is my pleasure to address our second shortwave co-ordination conference this year with a couple of opening remarks. First of all let me thank Mr. Jeff White, President NASB, and Mr. Rodolfo Espinal, representing INDOTEL—Dominican Telecommunications Institute and governmental regulatory agency for inviting members of the HFCC/ASBU association to this very exotic and relaxing conference venue here in the Dominican Republic.

The future of international broadcasting has probably been one of the very frequent talking points in our community in the recent past. This is quite natural since we work together with the aim of making listening more reliable and interference free and most of us enjoy doing it. But I believe that the fear of an impending demise of short waves is a bit premature and not quite rational.

We have already entered the multi-channel era and the delivery of the media content has become more varied or even fragmented. In other words the new platforms, and information technologies that are emerging for the program delivery (that was based exclusively on wireless radio) are indeed strong alternative competitors to shortwave transmissions. But the traditional TV and radio for domestic listeners and viewers face an equally strong or even stronger competition.

We are probably luckier in that shortwave—as well as other transmissions that propagate via reflections from the ionosphere—have a long-distance outreach. In fact the

whole range of the radio spectrum that has got this property—and this includes medium and long waves—is large, and it is quite unrealistic to expect that all these bands are going to be abandoned and allocated to other services—just because the sound quality of AM transmissions that are used there is lower than that of the new technologies.

Sometimes I am even more worried over the future of international broadcasting as a whole. The "War of the Words" of the Cold War era is long gone, but quite strangely the mandate of international broadcasting has not been properly redefined.

United Nations, Unesco and especially the ITU are all trying to implement a growing number of Information and Communication Technologies (or ICTs) for the introduction of so called Information Society. Global frequency plans that we co-ordinate represent a vital infrastructure for the technology of international broadcasting. The technology is capable of delivering rich media content over long distances. This could be very important for the dialogue among cultures and for the development of regional and international co-operation - in keeping with the aims and plans of the Information Society. But so far the potential of international broadcasting has been completely left out from the Information Society projects.

Yet there is a good chance that international broadcasting will join the family of the new ICTs that are based on digital technologies. All existing regional segments of global shortwave co-ordination, i.e. HFCC, Arab States Broadcasting Union as well as Asia-Pacific Broadcasting Union, and also our present host NASB, are associate members of the DRM consortium. We co-ordinate DRM transmissions in seasonal databases, and digitization of shortwave radio is always on the agenda of our conferences.

We had substantive discussions on the potential benefits of DRM for the vast territory of the Russian Federation for example with the management of GRFC telecommunication authority during the HFCC/ASBU Moscow conference only a year ago. We were very much encouraged to receive a

letter from the GRFC colleagues earlier this year in that the DRM standard was indeed approved for broadcasting in Russia in the spectrum below 30 MHz.

Much nearer to this conference venue a public consultation is held at the moment for the best digital solution for AM broadcasting in the Federative Republic of Brazil. DRM has been chosen as an important contender and DRM experts take part in this evaluation with local authorities there. In fact during our own Punta Cana Conference this week a DRM seminar will be organised for broadcasters and telecommunication representatives in the Dominican Republic. More information on this will follow from Jeff White and other colleagues.

My brief opening notes would not be complete without welcoming to our conference our colleague and friend Mr Pham Hai Head, Broadcasting Services Division of the Radio Bureau of the ITU. The ITU is an important stakeholder of shortwave co-ordination, and during our last consultations with the ITU in Kuala Lumpur last year—together with our regional partners in ABU and ASBU—we agreed to try getting on board a few remaining users of the spectrum in Latin America and Africa.

I am happy to report that as a result of our joint effort a contact has been established with the director of RAE or Radiodifusion Argentina al Exterior. RAE have been traditional shortwave broadcasters for many years. Mr Luis Maria Barassi, Director of RAE has sent greetings both to the HFCC/ASBU participants and to the ITU, as well as to the conference organisers along with RAE frequency requirements for the incoming season. We have already agreed with the ITU to carry on with the effort to collect shortwave schedule data from stations that are active in external broadcasting but not present yet in our seasonal databases.

Turning back to the conference again I would like to express my admiration for Jeff White, Chairman of the Conference Orga-

nising Committee. Almost single-handed and with a very small team he worked as the main organiser, equipment buyer, visa consultant and tour operator—on a conference site very much removed from his home location. Many thanks on behalf of all of us.

Message Sent from Luis Maria Barassi of Radiodifusion Argentina al Exterior (RAE) to the HFCC/ASBU B09 Conference

With great satisfaction, I send my best wishes to everyone who is participating in the High Frequency Coordination Conference organized in Punta Cana, Dominican Republic beginning August 17. I would also like to congratulate the organizers of this meeting which is recognized by the International Telecommunication Union—that is, the National Association of Shortwave Broadcasters and the Dominican Telecommunications Institute INDOTEL.

I realize the great importance of this type of event, and I am very sorry that my country is not in attendance. But I assure you that the international shortwave community has a great friend in RAE, Radiodifusion Argentina al Exterior. And I am very pleased to provide the data required for this worldwide radio coordination effort.

I must say that the Republic of Argentina is at a crucial moment in deciding the future of this particular medium of human intercommunication, And I am counting on a recent change in the leadership of Radio Nacional in order to boost the presence of RAE, improving the service's technical conditions to the level of the earth's major nations.

Finally, I want to express my sincere wishes for the success of this important international meeting. I send to each and every participant in the HFCC/ASBU Conference in the Dominican Republic friendly greetings from the city of Buenos Aires, Argentina.

Listener's Notebook

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

Welcome to October's Listeners Notebook. Thanks to Al Quagliari for a great job as editor of this column for the last thirteen years. Until a permanent editor can be found, I will attempt to gather shortwave broadcast news and information as temporary editor. If you are interested in helping your club, contact Harold Cones <hcones@cnu.edu> about becoming an editor. Schedules and other relevant contributions from members will be gratefully received.

Times are UTC and frequencies in kHz.

ANTARCTICA 15476, LRA 36, R Nacional Arcángel San Gabriel, Base Esperanza, *1759-1930, Aug 18, 20 and 31, multilingual ID in Spanish, German, English, Argentine songs, tangos, other Latin American songs, Spanish comments, ID: "Desde Base Esperanza, transmite LRA 36 Radio Nacional Arcángel San Gabriel", "Noticias Deportivas", "De Esperanza al Mundo", ann: "Temperatura en Base Esperanza -15°, viento Sur Oeste, 75 Km/hora, visibilidad, 8 Km.", "Música y cultura, de Esperanza al Mundo", "Desde Base Esperanza transmite LRA 36, Radio Nacional Arcángel San Gabriel, por la frecuencia de 15476 kHz", "Pueden ponerse en contacto con nosotros a través de nuestro teléfono..., nuestro correo electrónico lr36@infovia.com.ar o a través de nuestra dirección de correo postal: LRA 36 Radio Nacional Arcángel San Gabriel, Base Esperanza, Código Postal 94100 Antártida Argentina, Argentina", 25322 - 34433. (D'Amico, Méndez and Robic via DSWCI DX Window).

15476, **LRA36**, Sep 10 at 1902 with Spanish talk, Argentine vocals, fair-good (Sheryl Paszkiewicz, Manitowoc WI via NASWA Yahoo Group). Also heard here 1857-1906 and 2045-2100* on 9/10. Signal was initially fair to good on peaks with heavy fading. Recheck at 2045 found very poor signal. I hear LRA36 only once or twice each year, usually in September or October. (Jim Evans, Germantown, TN via NASWA Yahoo Group)

15476.0, R. Nac Arcangel Base Esperanza, 1859-1910+ Sep 11, fair and readable signal, actually the best I've ever heard them, soft ballads, OM & YL annrcs. with many mentions of "Esperanza" and frequency annmts. Best on E1 with sync. (Larry Yamron, Pittsburgh, PA via DXplorer)

ASCENSION ISL/SOUTH AFRICA/UAE/ U.K. Summer A-09 Schedule of VT Communications Relays.

WYFR

| | | | |
|-----------|------------|------|----------------------------------|
| 1300-1400 | 17735 DHA | SoAs | Kannada |
| 1300-1500 | 17715 DHA | SoAs | Telugu/ Tamil |
| 1400-1500 | 9595 DHA | SoAs | Marathi |
| 1400-1500 | 15520 DHA | SoAs | Hindi |
| 1500-1600 | 15520 DHA | SoAs | English |
| 1600-1700 | 11850 DHA | SoAs | English |
| 1700-1800 | 9790 DHA | EaAf | Amharic |
| 1700-1800 | 13700 SKN | ME | Arabic |
| 1700-1800 | 17545 ASC | EaAf | English |
| 1700-1900 | 15760 WOF | ME | Turkish |
| 1800-1900 | 6180 MEY | SoAf | English |
| 1800-1900 | 9505 RMP | CeEu | Czech |
| 1800-1900 | 9770 DHA | SoAf | English |
| 1800-1900 | 11875 ASC | CeAf | Igbo |
| 1800-1900 | 13720 SKN | NoAf | Arabic |
| 1800-1900 | 15435 WOF | WeAs | English |
| 1830-1930 | 17585 ASC | WeAf | French |
| 1900-2000 | 3230 MEY | SoAf | English |
| 1900-2000 | 3955 MEY | SoAf | Portuguese |
| 1900-2000 | 5930 MEY | EaAf | Swahili |
| 1900-2000 | 6100 MEY | SoAf | Portuguese |
| 1900-2000 | 9685 DHA | WCAf | Hausa |
| 1900-2000 | 9775 DHA | WeAf | English |
| 1900-2000 | 11855 ASC | WCAf | English |
| 2000-2100 | 15195 ASC | CeAf | English |
| 2200-2300 | NF6035 ASC | SoAm | En, x9835, but now deleted |
| 2300-0100 | NF7235 ASC | SoAm | En, x9835, but now deleted |
| 0000-0300 | 7335 ASC | SoAm | English, deleted |
| 0000-0300 | 9420 ASC | SoAm | English, deleted |

(Via R BULGARIA DX MIX News, Ivo Ivanov, via wwdxc@bc-dx.com Sept 9)

AUSTRALIA Radio Symban is back on 2368.5. Two weeks ago the new aerial had difficulties in being secured in place and some minor damage occurred. Testing is now taking place. The new aerial system took 2 cranes to get into the air. It is mounted in a timber yard, in Inner Sydney at Marrickville. This is about 5 miles in a direct line west of Sydney's Internal airport. The power is 50 watts for test purposes. The station is using a loop, and an mp3 player to check various systems. Radio Symban welcomes reports by email to dixer@fl.net.au or if you would like to write a report to receive a hard copy reply, please enclose 2 US dollars to cover

the cost, to John Wright, 29 Milford Rd, Peakhurst NSW 2210, Australia. (John Wright, Australian DX News)

2368.50, **Radio Symban**. Have received several emails asking about any reception of this. I check just about every day from about 1230 to 1330, but nothing heard here since August 12 and 13. Certainly hope they can resolve their local problems before this winters DX season! (Ron Howard, Asilomar Beach, CA, NASWA Yahoo Group)

BANGLADESH 4750, **Bangladesh Betar**, Khabirpur, Dhaka, 2305-2355, Aug 15, Qu'ran, 2310 Bengali ann, popular songs, 2320 ID: "...Bangladesh Betar...", talks and popular music, 25332. Also heard at 1334-1400", Aug 15, 24 and 28, Bengali news; ID "Bangladesh Betar"; subcontinent music and singing at 1350. QRM from CNR-1 and RRI. (Howard, Jacob and Schulze via DX Window)

BOLIVIA 4699.26, **R San Miguel**, Riberalta, 2330, Aug 21, has been signing on later 0950 to sometimes 1010 or later in the last fortnight. (Wilkner). But Aug 29 back at 0913-0923, Spanish comments. The signal is dropping into the noise periodically, but making it back to a poor level after a minute or two. Unfortunately, this did not last. By 0923, the signal had disappeared completely. (Bolland via DX Window)

4781.51v, **R Tacana**, Tumupasa, 2300-0055*, Aug 16, 21, 27 and Sep 02, Spanish messages accompanied by folk music: "...Radio Tacana Presenta...", "... transmits Radio Tacana ...onda corta ...Bolivia..." much stronger than 4699, 4716 and 4796 on at same time, but not noted 0900-1100. (Rodriguez and Wilkner via DX Window)

6075, **R Kawsachun C6ca**, Lauka N, 1000-1100, most local mornings; covered or off 0000. Provides good programs, man and woman alternating in conversational pattern. (Wilkner via DX Window)

BRAZIL 4860, Red Boa Vontade, unknown location, 1040, Sep 13, Portuguese, many ann: "Red Boa Vontade", religious ann and programme ann, 25332 (Slaen). New station! (Ed) [Via DX Window]

9695, **R Rio Mar**, Manaus, AM, 1002-1012, Aug 25, Portuguese talk, ID: "Radio Rio Mar", 24322. (Méndez). Also heard at 1640-1730, Aug 16, programme "Falando de sobriedade" ann: "...fundacao Rio Mar ea uma institucao da Arquidiocesis de Manaus con el ojetivo de anunciar Jesuscristo a traves os medios de comunicacao...Fundacao Rio Mar a evangelizando a traves os os medios de comunicacao...". Mentioned 1290 AM.

Tremendous signal // 6160. (Rodriguez via DX Window)

11815, **R Brasil Central**, Goiania, GO, 0955-1022, Aug 25, local news from Goias, ann: "Noticias de Goias, bom dia, informativo noticias de Goias", ID: "Onda Media, 1270 kHz, 50 kW, Onda Tropical, 10 kW, 4985 kHz, Onda curta, banda de 25 metros, 11815 kHz, 7,5 kW, Radio Brasil Central, Goiania, Goias". "Bom dia, en Goiania 7 horas, O Mundo em Sua Casa, agora por Radio Brasil Central, o programa consagrado pela critica como o melhor programa de noticias, O mundo em Sua Casa". News from Brazil and abroad, 44444. (Méndez via DX Window)

CHAD Have been hearing 7120 for a week at least from about 1600 sometimes a bit earlier past 1730. Today the 18th heard a clear ID at 1700 for **Radio Chad** in Arabic into news at 1700 preceded at 1659.30-1700 with their drumbeats. SIO 333 some days 444 on Icom R71 with 40m dipole. (Victor Goonetilleke, Sri Lanka, Dxplover)

CHINA 5050, **Beibu Bay R**, 1312-1443, August 25, 26, 27 and 29. New name! Beibu Bay is more familiar to Americans as the Gulf of Tonkin. Multi-language IDs; mostly in Vietnamese with some ann in Chinese; light pop and indigenous songs; English words heard: "This is Beibu Bay Radio", "BBR news", "weather report", "Top Music" and "Learn about the world, know China"; announcers often heard with background music; some AIR QRM. Sei-ichi Hasegawa of Japan comments: "I confirmed it at 5050 kHz at 1500 on Aug. 25. ID as 'This is Beibu Bay Radio' and 'BBR News'. The name of Chinese is 'Bei-bu wan zhi sheng - Voice of Gulf of North'. Please note: <http://news.gxradio.com/news/2009/0817/rdtj/190858.htm>. As I understand it from the translations I have seen, Beibu Bay Radio (Voice of the Northern Gulf) is a joint project between Guangxi Foreign BS and China R International. So I do not know exactly what the organizational relationship is (or will be) between all three of them. I guess time will tell just what their relationships will be. (Ron Howard, Asilomar Beach, CA, via NASWA Yahoo Group)

5050, **Beibu Bay Radio**, 1207, Sept. 10. In Vietnamese; Chinese language lesson (Chinese numbers: yi, er, san, si, wu, liu, qi, ba, jiu and shi); BoH IDs in Chinese-Vietnamese-English ("This is Beibu Bay Radio"); "Road to health"; announcer with piano background music; ID in just Vietnamese, mentioning "FM"; EZL songs; ToH pips; same multi-language ID; "BBR news" (even the news and weather are given with background music); "weather report" (list of Asian cities); 1308 Vietnamese ballads; still heard after 1510.

Almost fair; light to moderate AIR Aizawl QRM. I have concluded that David Kernick of UK is in fact correct that there are only three languages used in IDs at ToH and BoH (Chinese-Vietnamese- English). Audio < <http://www.mediafire.com/?xdjep1og1xr> >. (Howard via NASWA Yahoo Group)

7245, *CNR-2/China Business Radio*, 1430-1459, Sept. 10. "English Evening" program with John and Chinese YL; today is Teachers Day in China; segment of "Studio Classroom"; fair-good; // 6155, 7265, 7315, 7335, 7375, 9820 and 9775, with 6065 remaining off the air. Audio < <http://www.mediafire.com/?njyhcmmdtjs> >. (Howard via NASWA Yahoo Group)

CLANDESTINE 4865, Zimbabwe Community R, via Meyerton (100 kW non directional), 1755-1855, Mo-We Aug 24, 25 and 26, testing new frequency towards Zimbabwe in English and local languages, ex 3955. (Ivanov via BC-DX via DX Window)

7175, *R Freedom*, via Asmara, 1701-1729*, Sep 01, Somali, Holy Qur'an, ID: "Halkani wa Radio Xoriyo ... Somali", long reports about Somalia and Afghanistan. Jammed by a DRM like signal 1705-1711, 1717-1719 and for about 5-10 seconds at some other times, 0=2-3. According to the Website of the Alliance for the Re-Liberation of Somalia (www.xornimo.org) it is "Radio Xornimo" and not "Radio Xoriyo". (Robic via DX Window)

9840, *R Huryaal*, via Dhabbaya (250 kW, 215 degrees), 1730-1800, Sa-Th, to East Africa in Somali. (Ivanov via BC-DX via DX Window)

9990, *Free North Korea R*, via Toshkent (100 kW, 060 degrees), 1400-1600 to North Korea in Korean. (Ivanov via BC-DX via DX Window)

9965, *Ilbon-e Baram* (Nippon no Kaze), via Palau (100 kW, 345 degrees), 1530-1600, to North Korea in Korean. (Ivanov via BC-DX via DX Window)

11560, *R Free Chosun*, via Dushanbe (250 kW, 070 degrees), 1200-1300, to North Korea in Korean. (Ivanov via BC-DX via DX Window)

11570, *R Free Chosun*, via Gavar, Armenia (300 kW, 065 degrees), 1545-1615, to North Korea in Korean. (Ivanov via BC-DX via DX Window)

11760, *Suaab Xaa Moo Zoo*, via Taipeh (100 kW, 250 degrees) 2230-2300 to South East Asia in Hmong. (Ivanov via BC-DX via DX Window)

12085, *R Free Chosun*, via Tashkent (100 kW, 065 degrees), 1230-1300, to North Korea in Korean. (Ivanov via BC-DX via DX Window)

13685, *IRIN Radio* (Integrated Regional Information Network), via Dhabbaya (250 kW 225 degrees), 0830-0930 to East Africa in Somali. (Ivanov via BC-DX via DX Window)

13725, *Ilbon-e Baram* (Nippon no Kaze), via Darwin (250 kW, 003 degrees), 1500-1530 to North Korea in Korean. (Ivanov via BC-DX via DX Window)

15670, *Free North Korea R*, via Gavar, Armenia (300 kW, 065 degrees), 1100-1200, to North Korea in Korean. (Ivanov via BC-DX via DX Window)

COLOMBIA 5910, R Marfil Estereo, Lomalinda: We are having a major interference problem on our main short wave radio frequency on 6010 which transmits "The Voice Of Your Conscience". For several weeks now R Havana Cuba has been jamming our radio transmissions with communist broadcasts in English from about 1200 PM to 0600 AM EST (a key time slot when many people tune in and the signal goes a long ways). There are 80,000 Galcom solar radios fix tuned to our two short wave frequencies that have been distributed to men and women on all sides of this conflict.

Last year we had the opposite problem when an anti Castro group started up powerful anti communist broadcasts on our other SW frequency, 5910. After a lot of prayer we were able to obtain international help which solved the problem. We have already filed a complaint about this new problem but the help and decision of the international agency is nonbinding and each country is autonomous.

Another thing that we can do, is to up the power on our transmitters, so that our signal will dominate in Colombia. We have a new transmitter which just arrived in the container from Canada which is twice as powerful as the one we presently use. However it will require antennas, some additional parts, labor and modifications in order to tune it to our frequency and an adequate transmitter shack for the installation. All told it will take about US 32,000 to get this new system up and running properly...

We estimate that there is a potential listening audience of well over 100 million people in Colombia, Ecuador, Brazil, Peru, Panama and Venezuela who live within optimum range of our broadcasts. Our actual listening audience is estimated to average well over 300,000 people who are tuned in at any given time, many of them live in vast

areas where church buildings and meetings are strictly prohibited. (Extracts from Stendal Aug 18, via DXplorer and DX Window)

CUBA RHC - Radio Habana Cuba A09 -
Schedule by selected languages.

Arabic

2030-2100 11770 11800

English

0100-0700 6000 6140

0500-0700 6010[13790] 6060 11760

2030-2130 11760 17660 17750-irreg; [at
present only in Spanish]

2300-2400 13790

French

0000-0100 13790

0130-0200 13790

2000-2030 11760

2130-2200 11760

2200-2230 5965 17660

2300-2330 5965

Portuguese

2000-2030 11770 11800

2200-2230 17705

2300-2330 13760 17705

2330-2400 13760

Radio Nacional de Venezuela relay
2000-2100 17705

(Via Worldwide DX Club Top News)

DOMINICAN REPUBLIC

The High Frequency Coordination Conference (HFCC), held in conjunction with the Arab States Broadcasting Union (ASBU), took place at the Dreams Punta Cana Resort in Punta Cana, on the east coast of the Dominican Republic, from August 17 to 22. Just over 100 delegates attended from nearly 40 countries, plus about 28 family members and about a dozen Dominican broadcasters from local and national radio stations. The National Association of Shortwave Broadcasters (NASB) was the organizer and main sponsor of the conference, with the government regulatory entity Dominican Telecommunications Institute (INDOTEL) as co-sponsor. Jeff White, NASB President, was the conference chairman. The conference delegates spent five days coordinating their frequency schedules for the B09 season, which begins in October of this year and goes until March of 10.

There was some discussion about the future of shortwave on a worldwide scale. James Serpell of Christian Vision announced that CVI has decided to cease operations at its Julich, Germany transmitter site at the end of the A09 season. He cited as reasons for the closure financial considerations and "the changing patterns of how people are using

media." HFCC Chairman Oldrich Cip noted that although many large international broadcasters have reduced or eliminated their shortwave broadcasts due to budget cuts and in favor of new media such as the Internet, the shortwave bands are still crowded, and there is no danger of shortwave broadcasts disappearing in the near future. So worldwide frequency coordination is still very much needed.

A new tropical band shortwave station was inaugurated during the HFCC-ASBU Conference in Punta Cana. **Radio Discovery** broadcast on 4730 kHz during the event. No confirmed reports were received from outside the Dominican Republic, but the station's antenna situation was very limited by the physical restraints of the hotel from which the broadcasts emanated. Radio Discovery will resume transmissions in the near future from its permanent location in Santo Domingo on the frequency of 4780 kHz, which has been authorized by the Dominican Telecommunications Institute INDOTEL. It had been hoped to conduct tests in the WinDRM digital transmission mode from Radio Discovery in Punta Cana, but these were not done due to the antenna limitations. However, Pedro Estrella of Radio Discovery hopes to do the WinDRM tests after the station is re-constructed in Santo Domingo and operating on 4780 kHz. (NASB Newsletter, September 2009)

ECUADOR Ecuadoran President Rafael Correa announced Aug 29 he is seeking to definitively shut down a private television station that he accused of "espionage" on his office. The station **Teleamazonas**, a private broadcaster that has been critical of Correa and his government, has already been fined multiple times for breaking broadcasting law, notably for reporting opposition charges of voter fraud during April's general elections. This week the station broadcast a secretly recorded conversation between Correa and a Quito lawmaker — seemingly the last straw for Correa, who has sought the station's closure for months... (AFP, Aug 30). Teleamazonas was originally put on the air by HCJB. Today it is a secular station under different ownership, however its call letters are still HCJB. It is located just about a block from where we used to live. (Kenneth D. MacHarg, missionary journalist, San Jose, Costa Rica via Moore in DXplorer and DX Window)

GERMANY 6140, *R Gloria International*, via Wertachtal, scheduled every 4th Sunday in the month at 0900-1000. (Taylor, DX Window)

GREECE *Radio Filia* programs in various foreign languages 0500-1000, including English, were not noted here when I

checked 11645 on July 27 and, as of August 31, have not returned to the air. The news stories on their website are being kept up to date but their live internet stream is carrying Kosmos 96.3. (Mike Barraclough). August is the main holiday month in Greece. Maybe ERT5 is short of technical personnel. During Orthodox Christmas and Easter holidays, Radio Filia programs do not appear on shortwave. Wait until September. (Wolfgang Bueschel) Voice of Greece's 11645 frequency was off air September 1. On September 2 Radio Filia noted back with Spanish programming at 0815, German programs started 0900, very good reception here. (Mike Barraclough) [All via DX News in World DX Club's *Contact* bulletin.]

INDIA AIR Kolkata transmitters to be upgraded All India Radio Kolkata's transmitters including the shortwave transmitters are to be upgraded and made more powerful probably seeing the aggressiveness with which CRI is covering the world on the bands. The programmes are to be made more interesting and people oriented. Moreover it seems government will soon give away licences to foreign broadcasters and they will broadcast with private parties in India. This was heard on the local news. (Sanjay Sutradhar-IND, via Alokesh Gupta-IND, DXIndia via WDXC Top News)

4990, **AIR Itanagar**, 1418, Sept. 10. Must have been their new local news bulletin in Hindi (see DXLD 9-064). 1421 "Good evening. This is All India Radio Itanagar. The news read by..."; "In sports,."; "Now the weather forecast from the Metrological Center. Light rain..."; 1425 back to Hindi. Mostly poor, but well above normal reception here. First time I have been able to hear this new local news bulletin. (Ron Howard, Asilomar Beach, CA, via NASWA Yahoo Group) Also heard 1411, 9/11/09. Subcontinent songs; 1415 musical fanfare, into local news bulletin in Hindi; 1420 musical fanfare; "Good evening. This is All India Radio Itanagar. The news read by . . ."; sports news; did not hear a weather forecast today; 1425 back to Hindi. Mostly poor and very rough copy with only a few words made out. (Howard-CA via NASWA Flashsheet #397)

9425, **AIR Bengaluru - National Channel**, Seems the new schedule for "Vividha", the program in English from 1435 to 1500, is now only on Monday and Wednesday, not Friday. For the past 3 Fridays have heard programming in Hindi after the 1430 to 1435 news bulletin in English. (Ron Howard, Asilomar Beach, CA via NASWA Yahoo Group)

KUWAIT The Department of Frequency Management has issued the following

shortwave frequency schedule for **Radio Kuwait's** transmissions for A2009:

| | | |
|-----------|-------|--------------------------------|
| 0200-1305 | 6055 | To Gulf Area |
| 0800-1000 | 7250 | To Gulf Area |
| 0500-0800 | 15110 | To South and South East Asia |
| 0200-0945 | 13650 | To Middle East |
| 1315-2110 | 9880 | To Middle East |
| 1800-0000 | 13650 | Central, North and West Africa |
| 1000-1740 | 11630 | Central, North and West Africa |
| 1005-1200 | 17885 | To Far East |
| 1205-1500 | 17885 | To Far East |
| 1815-0000 | 9855 | Europe and North America |
| 1800-2100 | 11990 | Europe and North America |
| 0915-1310 | 13750 | Europe and North America |
| 1505-1755 | 15225 | Europe and North America |
| 0315-0700 | 11675 | North America (west) |
| 2200-0300 | 11675 | North America (west) |

LAOS Laos External Service: It appears that the station has a non 7 days a week sked and not a TX problem. I am trying to figure it out!! Yesterday no operation. Today back again. 7145 1200-1400 segment. (Victor A. Goonetilleke, Sri Lanka via DExplorer)

MYANMAR Myanmar Radio observed schedule August 17 was 5915 2300-0530, 1000-1535, 5985 2300-0130, 0930-1535, 7200 0030-0230, 9730 0300-0700 (Nay Pyi transmitter), 9730.8 0730-1130 (Yegu transmitter). (Victor Goonetilleke, Sri Lanka, DExplorer)

NIGERIA Bodo the technician onsite at the new shortwave station at Abuja, Nigeria says that in the transmitter building, there are currently three TSW2300 from Thomson (250 kW, 5.9-26 MHz). They are full DRM ready. Currently they have "only" the curtain antenna. It's a 16-dipole array with azimuth of 0 degrees and the other 16-dipole array with azimuth of 285 degrees. The beam can be switched to +15, +30 and -15, -30 degrees. There is another antenna in work. It will be a rotatable antenna, it's a huge antenna with 32 dipoles, 16 for high and 16 for lowbands. (Ian Baxter, Australia, Shortwave sites Yahoo group via WDXC DX News).

PERU 4790, **R Atlántida**, Iquitos has closed! A man who used to work at "La Nueva Atlantida" told me on Sep 02 that the station has ceased using SW and is now only licensed to use FM 106.5 MHz under the new name "Ribereña". (Rodriguez via DX Window)

4835.42, **R Marañon**, Jaén, 0248-0254*, Aug 16, complete closing ann: "... Desde Jaen en el nororiente del Perú, transmitio Radio Marañon, la voz y el sentir de nuestro pueblos; 580 amplitud modulada y 95.9 FM señal satelital; estamos ubicados en Orellana 343 Jaen; telefonos 076 431147 , 432168 Telefax 432580. Direccion electronica www.radiomaranon.org.pe estamos afiliados a la Asociacion Latinoamericana de Educacion Radiofonica ALER; a la Asociacion Mundial de Radios Comunitarias AMARC y ala Coordinadora Nacional de Radio CNR...Radio Marañon es una emisora del vicariato apostolico San Francisco Javier...que la alegria de Jesus resucitado nos acompaÑe en esta noche, muy buenas noches...". (Rodriguez). Also heard at 1004-1115, Aug 18 and 19, music and Spanish comments, signal was fair at this time. (Bolland). Also heard at 1400, Aug 16, religious programme. (Rodriguez) [Via DX Window]

4950.1, **R Madre de Dios**, Puerto Maldonado, 0140-0150*, Aug 17, tecnocumbia music, closing ann 0147: ".... Peru, ha llegado a la parte final de su programacion - - - acompañandoles con nuestra programacion musical, deportiva, informativa y religiosa; desde la ciudad portuaria mas importante del departamento de Madre de Dios, transmitimos - - - a traves de los 4950 de la onda corta, 92.5 frecuencia modulada - - - locutores, periodistas - - - de Radio Madre de Dios, agradecemos a todos y cada uno de ustedes - - - estaremos retornando mañana a partir de las 5 horas - - - amigo y amigas de Madre de Dios, del Peru y el mundo que tengan un sueño reparador y un feliz despertar...". national anthem, poor with bad modulation. (Rodriguez via DX Window)

PHILIPPINES 9395/11720/15190, **Radyo Filipinas, PBS**, *1730-1930*, Aug 10-16, Tagalog and English, ID: "Radyo Ng Bayan", mentions all PBS stations nationwide at sign on with calls, town, provincial names and frequencies. "National news". (Schulze via DX Window)

The Radio Pilipinas 1730-1830 transmission on 15190, 11720 and 9395 on August 2 carried a recording of a Manila domestic FM station instead of its own programming. Heard at 1730 tune-in with identification "Business Talk on DWBR 104.3 FM Business Radio" then references to it being "Saturday morning" in Manila. Quite good reception on all three frequencies. Programming is mostly in Tagalog with some English.

WRTH 2009 lists DWBR as a station of the Philippine Broadcasting Service which also operates Radio Pilipinas. I'm not sure if this is usual Sunday programming on Radio Pilipinas, or if perhaps they are carrying

DWBR because of the recent death of former president Corazon Aquino? (Dave Kenny, Caversham, UK, BDXC-UK via WDXC Contact)

Stuttgart Germany based Roland Schulze and his wife Cora, latter who is a Philippine national, both lived some 15 years in East Asia, reported August 9: We confirm the very special Sunday only transmission via RPO Manila. Domestic program DWBR "Business Radio" of FM 104.3 MHz at Manila is relayed - instead of RPO program. (Wolfgang Bueschel via WDXC Contact).

SAINT HELENA Radio St. Helena (RSH) Day 2009 will be on Saturday, 14 November. The "Party On-The-Air" will have the following schedule: 2000-2100 to India / Southeast Asia , 2100-2200 to Japan / Asia , 2200-2330 to Europe, 2330-0100 to North America / Central America / Caribbean. The transmission will be on 11092.5 kHz in Upper Side Band as usual. Radio St. Helena is very pleased to announce that the newly designed RSD 2009 QSL cards will be sponsored by the highly respected Japan Short Wave Club. This good news has been reported by Mr. T. Ohtake of the JSWC. It can truly be said, that without the very generous help of the JSWC, there would not have been a RSD Revival in 2006. To get a QSL from Radio St. Helena, you must send a written and verifiable reception report by airmail and include sufficient return postage. Email-reports will be not be verified. Recordings will not be returned. In Euro-countries, please send a 5-Euro banknote. Otherwise, please send 3 or more US dollar banknotes to cover the required return postage. Address is Radio St. Helena, P. O. Box 93, Jamestown, St. Helena STHL 1ZZ, South Atlantic Ocean, via AIRMAIL, via United Kingdom and Ascension. The last two lines of the above address are very important and should be written as shown to RSH. Emails and telephone calls from DXers everywhere are very welcome during the broadcasts. A special email address will probably be announced in October. Gary Walters and his Team at RSH wish everyone excellent listening conditions, hope that you enjoy the programming, and hope that the sunspots will be kinder to us this year. (Robert Kipp)

SRI LANKA All Asia Service 0030-0400 on 6005, 9770 and 15745 seems much improved. English programmes of course. Vernacular service is on 7190 still from about 0030-0500 again around 1100. External Service to the Middle East 1615 to about 1845 on 11750, mainly Sinhala. (Goonetilleke, Sep 05 via DX Window)

USA Because of anticipated federal budget cuts, **Radio and TV Marti** will eliminate 35 positions. Also, their programming is about

to be changed. Radio and TV Marti will lay off 20% of their workforce in a shake-up aimed at retooling the struggling anti-Castro stations in the face of a steep federal budget cut. In its funding request to Congress, the agency that oversees the Miami-based Radio and TV Marti submitted a budget that allocates \$2.4 million less on the controversial broadcasts. The U.S.-funded broadcasts, aimed at breaking the information blockade on the island, will change formats in response to the proposed budget cut. Radio Marti will go to an all-news format, and TV Marti will have a five-minute news update every half hour, with other shows in between. (Miami Herald via Media Network via WDXC Contact)

URUGUAY The inauguration of the shortwave operation by 6045-USB, **CXA61, Radio Sport 890**, Montevideo, reported some time ago is delayed since there is current work with the medium wave transmitters at the site and they want to avoid RFI problems among the equipment according to Gustavo Cirino, Technical manager. The transmitter is ready to go to air and its operation has already been authorized. Power will be 2.5 KW USB. His E-mail is cx7at@adinet.com.uy or cx7@hotmail.com. It will have a 24 hour schedule. Radio Universo, Castillos has been testing since July 15, 0000-0130 on 6055. An email August 12 said they planned to increase power in one month's time. (Horacio Nigro, Uruguay, DXplorer)

VANUATU 3945, *R. Vanuatu*, 1204, Sept. 11. Sounded like Pidgin; Christian religious sermon; he was long winded today and running late; ended with: "Thank you Lord ... amen ... have a nice day"; 1220, brief sign off announcement ("Radio Vanuatu ... half past 5" [sign-on time?]); did not have time to give frequencies; Anthem; 1222*. Sign off times varies daily between 3 to 5 minutes. This is now regularly heard every day and so far the format after 1200 is always the same (Ron Howard, Asilomar Beach, CA via NASWA Yahoo Group)

VIETNAM It seems Vietnam has now reacted to China's new Beibu Bay Radio, with the establishment of VOV's *East Sea* broadcasting service, per: <http://en.vietnamplus.vn/Home/Radio-VOV-launches-East-Sea-broadcasting-services/20098/2067.vnplus>: Radio the Voice of Vietnam (VOV) on Aug 29 officially launched its broadcasting services to the East Sea with the presence of Prime Minister Nguyen Tan Dung. The launching of VOV radio-broadcasting services to the entire Vietnamese territorial waters is an important move, helping fishermen and soldiers working offshore get easier access to accurate, timely and round -the-clock

information about political, economic, social and cultural affairs both in and outside Vietnam, especially forecasts about natural disasters as well as the research and rescue work at sea.

Speaking at the ceremony, PM Dung urged the VOV to make full advantage of infrastructure, equipment and staff to improve the quality of broadcasts on the East Sea. The project will effectively serve the dissemination of information, natural calamity prevention and control, as well as rescue efforts, thereby reducing losses in humans and property of offshore fishermen, the PM said. He asked the VOV to work closely with relevant ministries and agencies to receive and transmit timely and accurate information about fishing grounds, weather, and rescue work. The government leader asked the radio to quickly carry out the second phase of the project to provide high-quality news updates for Quang Ninh, Ba Ria-Vung Tau, Kien Giang and central coastal provinces, especially at night. (Howard via NASWA Yahoo Group and DX Window). No frequencies mentioned on website. (Petersen via DX Window)

The Voice of Vietnam introduced a new regional HF service on August 28. This is known as the East Sea broadcasting Project, and is from the Son Tay transmitter facility at Son Tay, a Hanoi suburb. Coverage is advised as extending out to 3500 km from the coast, including all Vietnamese territorial waters and most offshore fishing areas. The second phase of the Project will provide high-quality news updates for Quang Ninh, Ba Ria-Vung Tau, Kien Giang and central coastal provinces throughout the day, especially at night.

Unfortunately, the VOV does not disclose any of its radio schedules or frequencies on its Website, for local, regional, or external broadcasts! The new service has been offering excellent reception here in Melbourne from sign-on at 2300, carrying the National Network One program, Vietnamese, using 9635. It is about two seconds ahead of the Streaming Audio service at <http://english.vovnews.vn/>. The service has also been observed recently in Japan on 7435, 2300-0000, and until sign-off at 1200. (Bob Padula, Melbourne, Australia via Electronic DX Press and DXplorer)

Schedules, news and other information about shortwave broadcasting activity can be sent to Richard A D'Angelo, 2216 Burkey Drive, Wyomissing, PA 19610 or via e-mail to rdangelo3@aol.com (please indicate in the subject that your contribution is for Listeners Notebook). Thanks!

Pirate Radio Report

Mike Rohde • 2615 Willow Glen Road • Hilliard, OH 43026 • hfpirates@gmail.com

Well, it is hard to believe that summer is gone and that it is October already. Having grown up in California I am not a big fan of winter in places where it snows. The best news about winter is that it is the DXing season with improved propagation in most cases. Speaking of propagation in the October issue of *Monitoring Times* there is an excellent article regarding propagation and the solar cycle well worth the read.

This month I thought I would talk about what to include in a reception report to a pirate. For the most part it is similar to what you might write for a broadcast station. Be aware that these guys do not have thousands of listeners nor do they have a professional staff of frequency engineers to help them select the best time and target areas. These guys have a genuine desire to be heard and your input helps them achieve that goal. With few exceptions ops are more likely to broadcast more often when they know that they have an audience. If they broadcast and they see no indication that anyone can hear them their activity is likely to fall off. So, one of the keys is to provide technical information about their signal at your location and some input in their programming as well.

Time and Date

The time and date should be mentioned in UTC format. This would include the time you first heard the op. If the op goes off air with a sign off mention that. If he fades to an inaudible level mention that as well for instance "0123 off or faded below noise floor at this location".

Frequency

Indicate the Frequency in either kHz or MHz just use the appropriate designation. Be as specific as you can on the frequency not all ops transmit dead on an even frequency. If you see drift during the broadcast mention that as well. This is valuable information for these guys.

Signal and Audio Quality

The use of the standard SINPO and SIO codes is acceptable but I often augment that with a written description of their signal strength and quality. Example: "Good signal strength with a steady noise floor with some fading present". The operators are also interested in how clear and understandable their signal is as well. Is it properly modulated or over driven? These types of descriptions are appreciated. If the signal improves or degrades during the broadcast mention that with the time and a new SINPO rating Example: "0135 signal strength has dropped now 35333". This information is important because it tells the op about the changing propagation conditions during the broadcast. Keep in mind that many of these broadcasts are low power so minor changes in conditions/propagation can have major effects.

Program Content and Programming Feed Back

There are some ops that prefer a great deal of detail and some don't. Start times of musical pieces and the song name and or artist is a good start. Mention any IDs along with the time. In short just describe the programming and index it with the time that it occurred. Quotations are a good thing to use as well.

Many ops would like to know what you think of their programming. Expressing an opinion or what you really liked will also convey the fact that you actually listened to the program rather than just jotting down a few details.

Equipment

Tell the op what receiver and antenna you used to monitor his broadcast, mention any other supporting equipment you might have used as well.

Location

Let the op know where you live. Describe the environment you live in suburban, rural etc. This will give him an idea of what your local noise floor is like.

Recordings

Recording makes all of the above very easy. A recording contains a ton of information without the need for further explanation. As they say "a recording speaks a thousand words".

A good recording should be a closed circuit recording off the line-out or some sort of an output jack on your radio. The op really doesn't want to hear your dog or kids or other local environmental audio in the background. As there are still folks out there that are not on broadband I would suggest a 2-3 minute recording max. I usually save mine in MP3 format.

Many of the ops are declaring email addresses on the air so sending the recording in that case is easy. There is a huge value to an op when he gets a recording via email as it is a near real time sample of conditions and quality. Otherwise you will have to burn it on a CD and mail to the drop.

Verifying

Most ops do verify reports but some do not, it is just a fact of life so don't be discouraged.

In the December issue I will do a ditty on the most commonly used mail drops.

I think that covers the subject in a nut shell for now.

Merry DXing, and now to the logs!

Thanks to all that have sent me logs. Your contributions are no small matter to this column and the community as a whole... Thank You!! Feel free to report any pirate QSLs that you might receive as well.

I'd like to welcome a new contributor Jim Fedor who lives west of the Rockies. I don't see many reporters from that area of the US so, that gives us some very valuable info for DXing opportunities! Thanks Jim and please continue to contribute!

Channel Z, 6925U *1434-1557 8/29/09 SIO=444+/343. Prgm of mostly obscure classic rock such as White Bird. I thought that this was the Incredible String Band, but the OM said that the artist was It's A Beautiful Day. Gave Belfast and a gmail addr for repts. (Zeller-OH)

Crooked Man, 6,925.0, AM, 1224, Sep 13, talking about electrical charges passing through the body, Talking about a "Purple Haze Trip". 1231 I am the Walrus, Beatles, 1236 "This is the Crooked Man Calling" repeated many times, (I can't get no) Satisfaction the Stones, 1240 now 35333, 1253 "I've Raised the Dead", 1253 Being for the benefit of Mr. Kite. (Rohde-OH)

KUSA 6925U *0136-0151* 8/29/09 SIO=343. Prgm of rock mx, several of which were parodies in nature. Dr. Richard Shea sketch. OM ID at close. Gave no addr. (Zeller-OH)

KUSA 6925U *0214-0230+ 8/29/09 SIO=242/141. Prgm of classic rock mx w/ OM anc. Gradually weakened level during the bcst. (Zeller-OH)

Liquid Radio, 0109-0212, Sep 4, 0109 Liquid Radio ID, 0110 6,925.0, AM, "This is Liquid Radio", ELO, Strange Magic. Tonight's show has been a bit different from Liquid's usual offering as exhibited by this tune. 0203 "This is Liquid Radio", 0212 signal starting to show some fade now (Rohde-OH)

Mellow Radio, 6925u, 0135, 9/11/09, Sign on with "Hello Baaaaby" several times then into music, 0139 Van Halen with Sammy Hagar, 0143 another Van Hagar tune, 0147 DJ with IDs as Mellow Radio and "This music is too mellow", 0152 I'm outta here-catch ya later, off at 0152. Good signal with occasional fading but readable 95% of time. (Fedor-NV)

Mystery Radio/ Playback International, 6,220.0, AM, Euro Pirate, 2350, Sep 19, English, above average signal strength tonight. Noise is a bit bothersome though, signal exhibiting some fade here. 2350 Brandy, 2355 Tell Me That You Love Me, Tell That You Need Me. (Rohde-OH)

Outhouse Radio, 6,935.0, AM, 0150-0223, Sep 4, English, Best tune for me is 6.935.4, good signal but, lacks full definition in other words it sounds fuzzy. 0150 Queen 0152 The Romantics, What I Like About You, Outhouse Radio ID, Bad Company, Steppenwolf, Magic Carpet Ride, 0217 Outhouse Radio ID "running on the antique mode no doubt" Back to Queen, Bohemian Rhapsody 0223 "well that does it for me later" (Rohde-OH)

Pirates Week Relay, 6925U *1656-1727* 8/30/09 SIO=343/242. Relay of one of Ragnar's Pirates Week podcasts. Plenty of logs and station information on various pirates. No ID of relaying stn, but I got an e-mailed QSL that said that this was relayed by Outhouse R. (Zeller-OH)

Radio GAGA, 6,925.0, USB, 1251-1321, Sept 20, fairly nice signal this morning, Mr. Customs Man, 1253 Radio GA-GA ID, Just Like a Bird Up in the Sky, Super fly?, Bowie, Ground Control to Major Tom, John Lennon, Watching the Wheels, John Lennon, What Ever Get's You Through The Night, 1313 signal strength has dropped to "3", Midnight Oil, Beds Are Burning, Janis Joplin, Me and Bobby McGee, ~1321 off Fair. (Rohde-OH)

Scott Joplin Radio, 6,930.0, AM, 0223-0300, Sep 5, English, Decent signal stable

and on a back ground of low noise, instrumental Piano music, 0229 Outhouse Radio fires up on 6.935, 0030 now 33443,2 lost in Outhouse, back with a Joplin tune, when Outhouse gets rowdy over there this signal becomes difficult to copy otherwise an OK signal. 0247 34443, 0250-0251 break and then back to instrumental piano music, The Entertainer, Joplin 0258 35333, 0300 "Scott Joplin Radio" and back to piano music. (Rohde-OH)

WEAK Radio, 6925u, 0400, 9/11/09, punk music with female ID at 0410 "This is WEAK, WEAK radio" and then more punk music. Good strong signal. (Fedor-NV)

Wolverine Radio, 6925u, 0058, 9/11/09, Suddenly appeared with songs by Tom Petty, 0108 ID as "Wolverine Radio" then more Tom Petty music, 0121 ID as "Wolverine Radio Radio Radio" and off the air. Good steady signal with little fading. (Fedor-NV)

QSLs

Outhouse R. 6925 f/d color painting of several nude women sitting on a rock (sirens?) in the sea sht. Recvd in 36 hours for a rept of a Pirates Week Relay on FRN. So, this identifies the relay stn for that one. Thanks! (Zeller-OH)

Thanks to George Zeller and Jim Fedor for their contributions this month!

Next month, I hope to have an interview with another op.

Till next time good DXing!!



**Radio
New Zealand**

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



ALBANIA: China Radio International 7210 via **Cerril** f/d "Commemorative QSL cd. of the Beautiful Guangxi Knowledge Contest" in 22 ds. for a rpt. on their SP transmission. Also rcvd. a paper cutting, calendar and another blank cd. (D'Angelo-PA).

ASIATIC RUSSIA: Voice of Russia 15425 via **Vladivostok** f/d "The Buildings VOR 80th Anniversary" cd. in 32 ds. for an Email rpt. (D'Angelo-PA).

BULGARIA: Voice of Bulgaria 9700 f/d cd. in 104 ds. for

an EG rpt. and 1 IRC. Also rcvd. a current program schedule. (Tilley-**CANADA: CHU** 3330 and 7850 f/d cd. (as noted above) in 1 mo. after WA). a f/up rpt. for a reception on Jan. 1st at the start of the New Year. (Barto-CT).

GERMANY: Radio Traumland 5915 f/d cd. in 1 mo. (Golden).

JAPAN: Radio Nikkei 3925 f/d cd. in 18 ds. for \$1.00. (Colton-FL).

UKRAINE: Radio Ukraine International 7440 the station resended to my Email rpt.

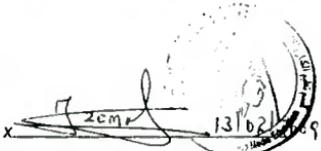
STATION NOTES: VL8K ABC Radio 5025 via **Katherine** v/s Mrs. Theresa Regan, Administration Office. Addr: 1 Cavenagh Street, Darwin NT 0800 Australia. or GPO Box 9994, Darwin NT 0801. **ORF Radio Osterreich** 1 6155 via **Moosbrunn** WEB: //oel.orf.at/service/international.es. **RTBF International** 9970 Email: rtbf.i@rtbf.be ...via PLAY DX...Sam.

QSL Verification Card

Station Radio Bana, Amara, Eritrea

For Richard A. D'Angelo

Thank you for your reception report. We are pleased to verify your reception of our transmission on 26 January 2009 from Q410 to Q444 hours UTC on 5.100 kHz. with a power of _____ watts.



Official Seal

INTERNATIONAL FAMILY RADIO NETWORK

IFR FAMILY STATIONS INC.
Central California 94971
United States of America

Thank you for your report indicating reception of Family Radio. This QSL Card will confirm your reception.

Date: 07-09-08

Time: 2140-2203 UTC

Freq./mb: 11875 kHz.

Relay: MOLLIN: VIA FTP - WEST AFRICA, ASC

We hope that we may continue to serve you with the programming of Family Radio: The Sound of the New Life.

Internet: www.familyradio.com
E-mail: international@familyradio.com

MR. RICHARD A. D'ANGELO

with an Email reply in 21 ds. from the English Section Letter Department promising a QSL in the near future. (D'Angelo-PA).

USA: WPWA784 1610 **Missouri Headwaters State Park** in **Three Forks, MT** f/d ltr. from the Montana Fish, Wildlife and Parks Department in 2 mos. after a f/up rpt. Not really shortwave but I thought interesting..Ed.

USA (Pirate): Voice of the Robots 6925
the station verified in 1 day w/ an electronic attachment noting: Thank you human for your comments. You were tuned to the Voice of the Robots. We have invaded the planet you call earth. You are powerless to defeat us. Even your feeble attempt to jam our transmission has failed. It is time to bow to your new masters. Present the attached QSL verification card. We are off to invade Rhode Island. Until next time this is the Voice of the Robots. (D'Angelo-PA)...It shouldn't take too long to conquer that tiny state...Sam.

VANUATU: Radio Vanuatu 3945 f/d email
* reply in 2 wks. for a taped rpt. and \$2.00 v/s Warren Robert, Manager, Technical Services Department. Addr: Mr. Warren Robert, Manager, Technical Services Department, VBTC, P.M.B. 9049, Port Vila, Vanuatu. (Smith).

I have a little space left so I am going to take this opportunity to let you know about a very interesting reception that happened to me on Septem-

STATION NOTES: Baqerteam Zender 3935 v/s Stefan. Email: etherpiraat1987@gmail.com **Barones "The Baron" 1641** Addr:

Radio Barones, P.O. Box 73, NL-7160 AB Neede, Netherlands **Blue Star Radio 6140** via **Wertachtal** Addr: P.O. Box 1104, NL-8001 BC Zwolle, Netherlands Email: bluestarradio@live.nl **Camping Radio 6310** Email: campingradio@gmail.com **East Coast Holland / Voice of the Netherlands 6210** Email: eastcoastholland@hotmail.com **European Music Radio 6140** via **Wertachtal** Addr: EMR, C/o A. Taylor, 32 Shearing Drive, Carshalton, Surrey SM5 1BL, United Kingdom. Email: studio@emr.org.uk **Free Radio Service Holland 6325** Email: freeradioholland@hotmail.com v/s Peter. Addr: P.O. Box 2702, NL-6049 ZG Herten, Netherlands. Another Email: frs.holland@hccnet.nl...via PLAY DX...Sam.



Virgen de Remedios de Tupiza

ber 16th of this year. I used to reside in Bristol, CT. I had the FM radio on and I'm hearing an ESPN transmission on 98.1. It was a super signal. Knowing that there are only a handful of FM stations that carry ESPN programming I wasn't sure about the stations location. After checking all of my sources, I finally went on the internet. It seems that ESPN has launched an experimental FM station in Brisyl on 98.1 with the call letters of WX4ESPN. It used 134 watts of power. The report has been sent. I'll see what happens...Sam.

Till next time best of QSLing...Sam.

Kam

Contributors' Page

Bob Montgomery • 86 Pumpkin Hill Road • Levittown, PA 19056 • rmonty23@verizon.net

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA
Scott BARBOUR, Intervale, NH
Bruce BARKER, Broomall, PA
Giampiero BERNARDINI, Milano, ITALY
Mark COADY, Bridgenorth, ONT
Rich D'ANGELO, Wyomissing, PA
Mick DELMAGE, Sherwood Park, AB
Gerry DEXTER, Lake Geneva, WI
Jim EVANS, Germantown, TN
Larry R. FLAITSZ, Rochester, NY
Glenn HAUSER, Enid, OK
Ron HOWARD, Asilomar Beach, CA
Don JENSEN, Kenosha, WI
William McGUIRE, Cheverly, MD
Kevin MOLANDER, Martinez, CA
Sheryl PASZKIEWICZ, Manitowoc, WI
Mike ROHDE, Columbus, OH
Jim RONDA, Tulsa, OK
Giovanni SERRA, Rome, ITALY
Jerry STRAWMAN, Des Moines, IA
Mike SVASTA, Stow, OH
Mark TAYLOR, Madison, WI
Joe WOOD, Gray, TN

TenTec RX-340 AOR AR-7030 100' LW
NRD545, RX-350D, MLB-1, 200' Beverage
NRD-535D, Alpha Delta Sloper
Drake R8, T2FD, 15m long
Eton E-1, SPR-4, 70' LW, Kaito KA-35
TenTec RX340,R8B, E1, E5, DX Sloper
Racal RA17c, KLM 7-30 MHz
NRD-545, TenTec 340, Mark MK-I ant.
RX340, R8B, E-1, ICF-SW7600G, 30 m wire
NRD-535D, SP-600, HQ-180A
FRG-7, DX-398, SW-07, ATS-909, YB400 lw
etón E-1
NRD-545, E1XM, E5, Alpha Delta Ultra
DX-380
no equipment listed
NRD545, Eavesdropper
Ten-Tec RX-340, Wellbrook ALA
NRD-545, R75, Eavesdropper, mini-Windom
NRD-525 AD Sloper
R-8, Wellbrook 330s 1.1 m loop
DX390 with onboard whip
R-75, Sat 800, G313E, E1
DX-390, Grundig Mini 100 PE, whip antenna 



Radio Canada
International



International Year
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QSL

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la musique canadienne

1986

Tropical Band Loggings

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

- 2310 **AUSTRALIA VL8A** Alice Springs [UTC?-ed.] Seems always weaker than //2485-Katherine; but //2325-Tennant Creek often covered by lcl noise; 8/30. (Wilkner-FL)
- 2368.5 **AUSTRALIA R. Symban** 1330-1350 (P); Started again w/ low powered testing; playing mx; v. poor; I. Baxter of Sydney, notes on the 12th: "Yes you are correct about signal level, they are the weakest I have heard them from the Marrickville site. Noisy reception & quite weak even 10 kms away! Probably 30 watts or so?"; 8/12-13. (Howard-CA) 0900-1100 Listening for & not being heard here or in Cedar Key & Boca Raton; 8/30. (Wilkner-FL)
- 2379.88 **BRAZIL R. Educadora** Limeira 1000-1030 Noted here w/ PP prg; weak; 8/23 & 24. (Wilkner-FL) 2380.6 0909-0914 (P); Carrier heard & faint traces of M anc; 7/22. (Parker-PA)
- 2485 **AUSTRALIA VL8K** Katherine 0950-1050 Noted here for last fortnight; strongest sig; 8/30. (Wilkner-FL)[presumably strongest of VL8's-ed.]
- 2500 **USA WWV** Boulder 1256 Is WWV having some txmitter problems; or is it just strange propagation?; 2500 normally remains audible here considerably after sunrise (but not all day); however could not hear any trace of it on 2500, tho 5000 was fine as usual; then at 2245-2300 I could not hear WWV; or even WWVH on 10000; normally a good daytime freq; allowing in some weaker pips including; I think; Brazil; 9/12. (Hauser-OK) 1250 Unlike the previous morning; WWV indeed audible as late as 1250; 9/13. (Hauser-OK)
- 2850 **N. KOREA KCBS** Pyongyang 1115 Typical DPRK opera ending w/ talk by anc; weak but audible; 9/5. (Taylor-WI)
- 3199.38s **USA WWCR** Nashville 0515-0530 V. weak, matching spurs from 3215; +/- 15.62 khz from 3215 w/ prg about Dr. Demento; //3230.62; 9/12. (Alexander-PA)[haven't heard Dr. D since I was in high school!-ed.]
- 3200 **SWAZILAND TWR** Manzini 0304-0325* Relg talk & instrumental mx; listed Ndebele; poor; 8/12. (Jordan-TN) 0425 Relg prg in GG; poor; 8/23. (Ronda-OK) 0415 Threshold sig; too weak for details; listed GG svc; 8/30. (Strawman-IA) 0402-0420 GG lang prg w/ relg instrumental mx; choir vcls & relg talks by M anc; fair; //4775 f-g; 9/3. (D'Angelo-PA) 0402 Relg prg in GG; choral mx; fair; 9/7. (Ronda-OK)
- 3204.5 **PNG Radio West Sepik** Vanimo 1030-1040 Noted here w/ some audio; was in most of the week; 8/25. (Wilkner-FL)
- 3220 **ECUADOR HCJB** Pifo 0918-0922 M & W anc w/ Quecha talk; 20dB sig; good; 7/22. (Parker-PA) 1010 M & W anc w/ Quecha talk & lcl mx; poor; 8/22. (Rohde-OH) 1052 Poor but readable w/ M anc in Quechua; 8/22. (Ronda-OK) *0826-1100* Andean instrumental; relg mx; talks in Quecha; more mx; hymns until s/off; splatter via WWCR-3315 until their 0858*; p-g; 8/24. (Jordan-TN) 0900-1000 Noted here w/ remarkably consistent sig; 8/30. (Wilkner-FL) 0955 Flauta andina; time pips on hour; M & W anc in lang; good w/ noise reducing antenna; 3279.6 Ecuador-LV del Napo off the air at the same time; 9/3. (Wilkner-FL) 1057 End of a piece of Andean mx; M anc in Quecha; pips at 1100; ID; poor; 9/7. (Taylor-WI)
- 3230s **USA WWCR** Nashville 0410-0413 Spurious sig via 3215 w/ fiery preacher; also present & stronger on 3245; 8/11. (Parker-PA)
- 3240 **SWAZILAND TWR** Manzini 0304-0320* Relg talk & mx bridges; listed Shona & Nda; promptly off at 0320; occ. ute QRM on the LSB; poor but better than 3200; 8/12. (Jordan-TN)
- 3250 **HONDURAS R. Luz y Vida** San Luis *1100 Stays in until 1200 in Florida; EE w/ SS gospel translations; La Palabras de Dios; neat stn w/ calliope mx sometimes at 0000; 8/30. (Wilkner-FL) 0138 (P); Congregational hymn; M in SS; poor; 9/7. (Taylor-WI) 3250.03 0304-0354* Soft spoken relg talk by M in SS; partial ID noted just before 0354 s/off; p-f; 8/12. (Jordan-TN)
- 3255 **BRAZIL R. Educadora 6 de Agosto** Xapuri 1000-1030 Noted here each morning w/ PP prgrm; occ. ID; mention of events; 8/30. (Wilkner-FL)
- 3255 **S. AFRICA BBC** Meyerton 0415-0419 W anc in EE; short, waltz & opera mx bridges; v. weak; 8/11. (Parker-PA) 0413 Prg in EE; poor; 8/23. (Ronda-OK) 0349-0406 Features re Africa; prg previews at 0359 followed by 4+1 pips; ID & nx at 0400; fair; 9/3. (D'Angelo-PA) 0420 Prg in EE; this was often just above the noise; poor-v. poor; 9/7. (Ronda-OK)
- 3279.6 **ECUADOR LV del Napo** Tena 1000-1030 Good mx; strong sig here & the more rural Cedar Key; 8/30. (Wilkner-FL) 3279.8 0950-1005 (P); W anc w/ SS talk b/w ballads; M anc w/ relg talk; no ID noted; best listening in ECCS-LSB; 9/11. (Barbour-NH) 3279.91 *0909 Monologue by W anc in (P) Quecha; absolutely no txmitter dawn enhancement; sig had actually faded to inaudible lvls by then; 8/24. (Jordan-TN) 3280 1013 (P); M anc in SS; poor; 8/22. (Rohde-OH) 1110 Child speaking in SS; sudden peaks to fair; slipping to inaudible; poor; 8/24. (Ronda-OK)

- 3309.98 **BOLIVIA R. Mosoj Chaski** Cochabamba 0930-1000 Noted here w/ good mx; there every lcl morning; 8/24. (Wilkner-FL) 1000 The one noted here; again at 0000; 8/27. (Wilkner-FL) 3310 *0921 (T); S/on w/ M anc talk; Andean mx; slowing peaking around 1038 Cochabamba sunrise & then rapidly fading; p-f; 8/24. (Jordan-TN)
- 3320 **S. AFRICA R. Sondergrense** Meyerton 0422-0425 Talk in Afrikaans; 40db sig in the clear; g-exc.; 7/22. (Parker-PA) 0425 Noted in passing w/ EZL orchestra mx; fair; 8/23. (Ronda-OK)
- 3329.53 **PERU Ondas del Huallaga** Huánuco 1030-1040 Difficult to hear; need narrow filter & a good opening; 8/26. (Wilkner-FL) 3329.60 1000-1030 The one noted here; also heard by D. Sharp-Australia; 9/8. (Wilkner-FL)
- 3340 **HONDURAS HRMI** Comayaguela 0924-0927 M anc in EE w/ lively SS mx; 25dB sig; f-g; 7/22. (Parker-PA) 1020 (P) Lcl SS mx w/out much talk; fair; 8/22. (Rohde-OH) 1046 Unaccompanied songs in SS; fair; 8/22. (Ronda-OK) 0820-0850 Contemporary Christian mx; several EE ID ancments w/ mention of freqs & California address; EE IDs as "Radio MI" & "Radio Missions International"; EE relg sermon w/ SS translations at 0842' poor in t-storm static; 8/23. (Alexander-PA)
- 3345 **S. AFRICA Channel Africa** Meyerton 0313-0318 M & W anc in vern.; bit of Chicago's "Does Anyone Know What Time It Is?"; in the clear w/ 30dB sig but v. weak audio; 7/29. (Parker-PA)
- 3350 **COSTA RICA REE** Cariari de Pococi 042a6-0428 Talk in SS; usual 90dB piledriver; 8/11. (Parker-PA)
- 3385 **PNG-NEW BRITAIN R. East New Britain** Rabual 0927-0939 (P); Carrier noted w/ faint traces of audio; 7/22. (Parker-PA) 1237 (P); A bit of (P) Pidgin talk & mx audible; best of the PNG channels here at this still too-late hour shortly after lcl sunrise; 9/10. (Hauser-OK)
- 3396 **ZIMBABWE ZBC** Gweru 0430-0434 M anc in vern.; mx; in the clear but v. weak; 8/11. (Parker-PA) 0414 Long talk by W in Shona; hoping for some mx but that never happened; [date?-ed.] (Ronda-OK) 3396.4v 0413 (T); Seems they are off freq now; others have heard them on 3396.5; 8/12. (Howard-CA)
- 3810L **ECUADOR HD210A** Guayaquil 0941-0943 Time pips & SS time ancments; 30dB sig; exc.; 7/22. (Parker-PA)
- 3925 **JAPAN R. Nikkei** Tokyo-Nagara 1100 Talk in JJ; fair; //6055:f-g; 8/22. (Ronda-OK) 1150 Classical mx prg; S7 sig; best heard in months; 8/25. (Strawman-IA) 1007-1018 Familiar format of classical/instrumental mx; poor; //6055 & 9595-good; I don't usually hear all three //s at the same time; 9/8. (Barbour-NH) 1051-1116 JJ vcls w/ W anc in same; nx after pips at 1100; fair; //6055-poor; //9595-fair until 9600 opened up swamping channel; 9/12. (D'Angelo-PA) [9600: R. Havana Cuba-ed.]
- 3945 **VANUATU R. Vanuatu** Port Vila 0920-0933 (P); Mx audio w/ ballads in unid. lang noted under noise floor; anc at 0931; back to mx at 0932; weak-poor; 8/9. (Barbour-NH) 0950-1015 Disappointingly "generic-Island-type" mx slide guitar; Don Ho style "Tiny Bubbles"; "Blue Hawaii" & "Hawaiian Wedding Song" in same; definitely not Brazil!; f-p; 8/30. (Robertson-CA) 1217-1220* In (P) Tok Pisin; NA; 9/7. (Howard-CA) 1204-1222* In (P) Tok Pisin; Christian relg sermon; he was long winded today & running late; ended w/ "Thank you Lord...amen...have a nice day"; brief s/off ancment at 1220 "Radio Vanuatu...half past 5" [sign-on time?]; they did not have time to give freqs; NA then 1222*; s/off time varies daily between 3-5 minutes; this is now regularly heard every day & so far the format after 1200 is always the same; 9/11. (Howard-CA) [good stuff OM-ed.]
- 3976 **INDONESIA RRI Pontianak** 1252 Indigenous ballads; ToH ID & freqs; "R-R-I Pontianak"- just gave the abbreviation; p-f; 9/11. (Howard-CA)
- 4319U **DIEGO GARCIA AFN** 1334 Review of some current movies; "9", etc.; "American Forces Network" ID; //10320U-Pearl Harbor; for about one week recently; I found these two were not in parallel for some reason; 9/11. (Howard-CA)
- 4409.8 **BOLIVIA R. Eco** Reyes 0000 Pops in every evening after lcl harmonic cuts power; pulsating sig that once was there gone; v. regular emisora there each night; 8/24. (Wilkner-FL)
- 4450 **N. KOREA KCBS** Pyongyang 1140 Talk in KK; more readable by 1132; poor-v.poor; 8/22. (Ronda-OK)
- 4451.19 **BOLIVIA R. Santa Ana** Santa Ana de Yacuma 1030-1110 CP mx & one ID by M anc; better sig than during the lcl evening; in last fortnight, s/off has moved closer to 0000; 8/23. (Wilkner-FL)
- 4460 **CHINA CNR-1** Beijing 1135 M & W anc in Mandarin; best heard in LSB; 8/22. (Ronda-OK)
- 4699.26 **BOLIVIA R. San Miguel** Riberalta 2330 Has been s/on later; 0950 to sometimes 1010 or later; in the last fortnight; 8/21. (Wilkner-FL) 4699.99 *0947:30-1030 S/on w/ contemporary instrumental; soft-spoken M & W anc in SS; canned ID at 0958; (clip: <http://tiny.cc/4tMJp>); inspirational talks & vcls; fair w/ some txmitter dawn enhancement from 1020-1030; 9/13. (Jordan-TN)
- 4716.60 **BOLIVIA R. Yura** Yura 1015-1025 S/ons noted for excellent mx; also signing-on later; noted off an occ. morning in the last fortnight; there from 2330 most evenings; 8/24. (Wilkner-FL) [Wilkner] 4716.69 *0958 (T); Only threshold audio; drifting up 10 Hz from 4716.68 before stabilizing; 9/13. (Jordan-TN)

- 4730.5nf **DOMINICAN REPUBLIC R. Discovery** Punta Cana Resort 0335 Jeff White advised at 0056 that R. Discovery was on the air; tried at 0335 & yes, can detect SSB talking around 4730.5; but too high atmospheric noise lvl plus weak; but plenty; RTTY QRM make copying any details impossible; tried again at 0506, but nothing heard; what I did hear earlier was b/cast-type speech; not two-way contacts & since B. Jordan in TN previously measured R. Discovery on the same off-freq; I am quite sure I had it; altho on this UT date he could not hear it; nor later; so maybe not on all-night; 8/21. (Hauser-OK)[special txmission during HFCC/ASBU B09 conference; stn moving to Santo Domingo & will resume txmissions in the future; I tried all 4 days for this one & heard nil-ed.]
- 4740h **UNIDENTIFIED** 0332-0341 M anc in SS taking multiple call-ins; "...como esta?."; sig to 30dB & in the clear; f-g; 8/11. (Parker-PA)
- 4740nf **SUDAN R. Peace** Nuba Mountains 1439 T/in to hear M talking non-stop; sermon?; unusable by 1455; too weak to make out lang.; this certainly needs more monitoring; but seems promising; 8/12. (Howard-CA) 4739.97 *0222 Threshold sig at s/on w/ only occ. bits of audio; v. pronounced txmitter dawn enhancement; sig rapidly strengthening from 0325 w/ organ mx; R. Peace ment. by W anc in EE just after 0330; M & W talks; long monologue by M in AA between 0340-0350 peak & lasting until just before the ToH as sig rapidly faded; minor CODAR QRM; 8/10. (Jordan-TN)[great catches, nothing heard here, or 4750, past two weeks during several N.H. evening checks-ed.]
- 4746.92 **PERU R. Huanta 2000** Huanta *1003-1100 Carrier only sig at s/on; but strengthening to poor lvl by 1033 w/ W monologue in lang; fading back to carrier lvl by 1100; relatively stable; drifting +/- 2 Hz; 9/13. (Jordan-TN)
- 4750 **BANGLADESH Bangladesh Betar** Shavar 1334-1400* Nx; ID "Bangladesh Betar"; SC mx/singing; QRM from co-channel CNR-1 & RRI Makassar; 8/24 & 28. (Howard-CA)[nice catch-ed.]
- 4750 **INDONESIA RRI Makassar** 1140 Poor increasing to fair sig w/ two M in Indo; anthem-like song at 1158; into talk by W anc; after 1200 sig was fair w/ peaks to good; 8/29. (Ronda-OK) 1233 Becoming audible vs the noise lvl Indonesian; so RRI Makassar; vs the co-ch. stns which should go elsewhere than 4750; also audible 1245-9/11 & 1257-9/12 w/ rapid Indo talk right thru ToH past 1302; seemingly atop some co-ch.; RRI Makassar is certainly the prime 60m sig from Indonesia of the few that remain; 9/10-12. (Hauser-OK)
- 4754.95 **BRAZIL R. Imaculada Conceição** Campo Grande 0322-0331 Two M anc in PP; mx bridges & stn jingles; slow, sappy mx & call-ins; in the clear w/ 40dB sig; g-exc.; 8/11. (Parker-PA)[irregular as of late-ed.]
- 4769.96 **NIGERA R. Nigeria Kaduna** *0428 Txmitter on at 0404 but modulation not heard until 0428; poor; M anc w/ talk & tribal mx; much improved at 0500 w/ EE nx then pop & reggae songs; good peak at 0520 Kaduna sunrise; 9/13. (Jordan-TN)
- 4775 **INDIA AIR Imphal** 1223 (P); Hindi talk re universities & international prg's; 1232 into EZL mx prg till 1244 t/out; p-f w/ CODAR; 9/9. (Howard-CA)
- 4775 **SWAZILAND TWR** Manzini 0420-0427 M in GG w/ preaching & EZL inspirational mx; fair; 8/30. (Wood-TN) 0420 Church svc in progress w/ congregational singing; listed GG svc; fair; 8/30. (Strawman-IA) 0416 Relg prg in GG; fair; 8/25. (Ronda-OK) 0414 Relg prg in GG; fair; 9/7. (Ronda-OK) 0452-0511 M preacher in EE followed by choir vcls at 0455 as prg ended; EZL mx until M anc w/ ID at 0459; choir vcls at 0500; fair; 9/10. (D'Angelo-PA) *0342 Relg prg in vern.; EE ID at ToH; "to Africa service, this is Trans World Radio" into GG prg for S. Africa; exc.; 9/13. (Jordan-TN)
- 4780 **DJIBOUTI RTD** Atta *0259 OC from 0243; 1 kHz tone from 0255; orchestral NA at 0259; AA w/ brief opening ancments then Qur'an until 0308; good sig; s/on concurrent with txmitter sunrise; occ. ute QRM on the upper side band & mild CODAR; 8/10 (Jordan-TN) 0310-0315 M anc w/ Kor'an followed by long talk in AA; colliding w/ loud, rushing QRN; (P) some type of MPX; but their strong 40dB sig was v. wide & heard quite well on 4779; good; 8/11. (Parker-PA) [MPX=multplex?-ed.] *0300-0325 S/on w/ NA; Qur'an at 0301; AA talk at 0311; HoA mx at 0322; weak; poor w/ some ute QRM; 8/21.(Alexander-PA) *0400 1 kHz test tone from 0342; (P) anthem at 0400; brief ancment by M in FF then directly to Qur'an; poor; 9/13. (Jordan-TN)
- 4781.51 **BOLIVIA R. Tacana** Tumupasa 2300-2325 M anc w/ "...transmite Radio Tacana..onda corta.. Bolivia.."; strongest sig logged here; more so than 4699, 4716 & 4796 on at same time; 8/27. (Wikner-FL) 4781.52 0034-0102* (P); Continuos SP mx; sounded "live" at times; w/ occ. W anc; M announcer at 0101 w/ ancment of sorts; tho no discernable ID noted; pulled the plug at 0102*; fair at best; 8/26. (Barbour-NH) 4781.70 2330-2345 The one noted here; also noted four times in last fortnight; no recent logs at 1000; 8/21. (Wilkner-FL) 4781.82 2348 The one noted here; seems on more often this week but not noted 0900-1100; fair; 9/2. (Wilkner-FL)
- 4789.99v **PERU R. Vision** Chiclayo 0330-0600 Sig peaked at 0420 to exc. lvl & remained so the rest of the night; Iglesia Pentecostal preacher; contemporary SS inspirational vcls; casual R. Vision ments. occasionally just after ToH; after 0600 there many vcls w/ a strong Andean flavor;

- power increase? 9/13. (Jordan-TN) 4790 0444-0510 M in SS preaching to crowd; diff. M w/ rustic song; return to preacher alternating talk w/ W ancr; f-g but somewhat noisy & fading; 8/29. (D'Angelo-PA) 0408-0423 M ancr & brief mx; mostly unclear till 0418; (P) "loudspeaker" prayer w/ v. weak audio; best heard in SSB w/ rustle & mild QSB; poor-v. poor w/ NIR12; 9/2. (Serra-Italy) 4790.11 0303-0315 Ancr w/ continuous SS relg talk; f-p; slipping under band QRN; 9/9. (Barbour-NH)
- 4796.49 **BOLIVIA R. Lipez** Uyuni 1000 The one noted here; again at 0000; off on occ. in last fortnight; 8/24. (Wilkner-FL)
- 4800 **MEXICO XERTA** Mexico City 0450-0514 (P); M ancr in SS; (P) ID at 0500 followed by mx & more talk; v. poor w/ heavy CODAR; 9/12. (D'Angelo-PA)
- 4805 **BRAZIL R. Difusora do Amazonas** Manaus 0955-1000 ID; M & W ancrs w/ mx bridge; 9/3. (Wilkner-FL)
- 4815 **BRAZIL R. Difusora** Londrina 0049-0303 M ancr in PP & v. enjoyable M vcl w/ flute heard; fair for a moment but mostly slaughtered by CODAR; 8/11. (Parker-PA)
- 4825 **BRAZIL R. Canção Nova** Cachoeira Paulista 1055 Rapid-fire talk in PP; fair; 8/22. (Ronda-OK)
- 4828 **ZIMBABWE ZBC** Gweru 0400 (T); Threshold sig; improving only slightly by 0428 txmitter sunrise; Afropops; M ancr; poor w/ minor CODAR; 8/10 (Jordan-TN) 0045-0047 Good carrier heard in SSB w/ only traces of M ancr audible under strong CODAR; poor; 8/11. (Parker-PA) 0330 M ancr in heavily accented EE; Afropops; strong CODAR; poor peaking to almost fair at 0400; perhaps Sackville should invite the Gweru techs over to calibrate their txmitters?; 9/13. (Jordan-TN)
- 4835 **AUSTRALIA VL8A** Alice Springs 0805-0830* (T); Threshold audio beginning 0805 & slowly improving to poor lvl; pop vcls; talks by M & W then off 0830; Alice Springs sunset is 0850; no sign of 4910 Tennant Creek; 8/17 (Jordan-TN) 0833 "Let It Be" by The Beatles; //4910-Tennant Creek; 9/9. (Wilkner-FL)[nice catches-ed.]
- 4835.5 **PERU R. Maranon** Jaen 0955-1003 Mx w/ female vcl; W & M ancrs w/ ID & "Buenos Dias" at 0958; sig only 10dB but still stronger than CODAR on a v. quiet band; p-f; 7/22. (Parker-PA)
- 4845 **BRAZIL R. Cultura Ondas Tropicais** Manaus 0015 Sports cmntary & ads in PP; several long "goal" shouts & ads w/ sound fx; poor but gradually improving; 9/6. (Ronda-OK) 4845.2 2356-0036 M ancr w/ PP futbol coverage; jingle ID noted over game at 0000; p-f; 8/27. (D'Angelo-PA)
- 4845 **MAURITANIA RTV Mauritanie** Nouakchott 0758-0803 M & W ancrs in vern. w/ aboriginal mx; in the clear w/ exc. 50dB sig; 7/22. (Parker-PA)
- 4850 **INDIA AIR Kohima** 1301-1410 Day's prg sked; talk show in EE re rugby; health prg in Hindi; marching mx/anthem; President's address to the nation on the eve of Independence Day in Hindi; repeated in EE; pop mx prg; lcl IDs; 8/14. (Howard-CA)[nice catch-ed.]
- 4857.38 **PERU R. La Hora** Cusco 2330 IDs; good mx; good; 9/2. (Wilkner-FL)
- 4865 **BRAZIL R. Alvorado** Londrina 0240-0246 W ancr in PP; poor; 8/11. (Parker-PA) 0143 Upbeat PP songs; short ancrment in PP at 0145; p-f; 8/29. (Ronda-OK)
- 4885 **BRAZIL R. Clube do Para** Belem 0155-0158 Commercial spots in PP; 50dB sig; exc.; 7/29. (Parker-PA) 4885.01 0136-0145. M dj w/ LA ballads; M & W w/ ancrments at 0140 & IDs; "Radio Clube!" at 0143; more dj talk; best heard using LSB; rustle; poor -almost fair at times w/ NIR12; re-check at 0205 but no more audio on this freq; 8/10. (Serra-Italy) 0243-0302 Two M ancrs in PP w/ (P) sport live; (P) IDs during tlk; from ToH v. poor audio up/down; best heard in USB w/ QSB & strong rustle mostly nulled w/ NIR12; poor-v. poor; 9/7. (Serra-Italy) 0526-0545 PP mx prg; fair w/ lots of QRN; 9/11. (Flaitz-NY)
- 4895 **BRAZIL R. Novo Tempo** Campo Grande 0232 M ancr w/ PP mx & talk; f-p; 8/11. (Parker-PA)
- 4904.97 **CHAD RNT** NDjamena 1824-1842 M ancr w/ talk & brief mx breaks; ancrments at 1828 over mx; Afropops 1829-1839; fast talk in (P) AA w/ ment. Cameroon, NDjamena, etc.; best heard in SSB w/ S9+15 of peak; CW at times in USB; from 2036 increasing QSB & static crashes; f-p at times; 9/4. (Serra-Italy) 4905 0203-0215 W ancr w/ EZL & pop mx; pounding in w/ 45 dB sig; mx loud & clear but audio on ancrments quite low & competing w/ static; made it impossible to ID lang; g-exc; 8/11. (Parker-PA)
- 4905 **BRAZIL R. Anhanguera** Araguaina 0154 (P); Sports cmntary in PP; poor; 9/10. (Ronda-OK)
- 4910 **AUSTRALIA VL8T** Tennant Creek 0806-0834* M ancr in EE taking W phone call; mx bits; ".the nx at 5:20.."; sig only to 15dB; but almost fair at times listening in USB mode; 7/22. (Parker-PA)[great catch-ed.]
- 4914.9 **BRAZIL R. Difusora** Macapa 0336-0345 Lively Brazilian pop mx; poor w/ some fading & heavy CODAR; 8/26. (Evans-TN) 4915 0249-0253 M w/ speech in PP over mx; 40dB sig overcoming CODAR; good; 8/4. (Parker-PA) 0405-0410 Mx w/ M crooner; M ancr w talk; in the clear w/ 60dB sig; exc.; 8/7. (Parker-PA)
- 4920 **INDIA AIR Chennai** 0101-0106 W ancr in vern. & brief Hindi vcls followed by M ancr w/ talk until 0104; brief Hindi chant; ancrments & talk; best heard in SSB w/ fast QSB; rustle & lite crackles; fair; 8/25. (Serra-Italy)

- 4925.24v **BRAZIL R. Educação Rural** Tefé *1009 Drifting from initial 4925.245 down to 4924.237 by 1100; poor w/ CODAR; 9/13. (Jordan-TN)
- 4925 **INDONESIA RRI Jambi** 1229 Pop & EZL song in Bahasa Indo; seems they have fixed their modulation; as am hearing this just about every day; again next day at 1343; 8/11-12. (Howard-CA)
- 4930 **BOTSWANA VOA** Moepeng Hill 0403-0405 M anc in vern.; 20db sig; p-f; 8/7. (Parker-PA)
- 4949.75 **ANGOLA R. Nacional de Angola** Mulenvos 0330-0520 Carrier only until just threshold audio heard at 0500-0520; M & W anc s w/ (P) nx; 9/13. (Jordan-TN)
- 4950 **INDIA AIR Srinagar** 0022-0035 Hindi chant; M anc in vern. 0025-0030; mx bridge into M anc w/ (P) nx; ment. Punjab; Iraq; etc.; M & W anc s from 0034; best heard in USB w/ inter-audio filter nulling strong het; static & QSB; poor-v. poor; 8/25. (Serra-Italy)
- 4950 **INDIA AIR Srinagar** 0022-0035. Indian chant; M / unclear slow tlk (0025-0030); lcl instl mx pause; other M / tlk for poss. nx BoH (ment. Punjab , Irak etc.); from 0034 tlk by W & M; better in USB w/ inter audio filter nulling strong het; statics & qsb; poor / very poor; 8/25. (Serra-Italy)
- 4950 **KASHMIR AIR R. Kashmir** 1333-1356 (T); Heard distinctive prg of SC mx & singing; unable to make out the lang. used; sked for Hindi & Kashmiri; mixing w/ co-channel V. of Pujiang; 8/13. (Howard-CA)
- 4960 **SAO TOME VOA** Pinheira *0258-0335 OC followed by ID & Yankee Doodle IS; opened at 0300 w/ ID & W anc in EE w/ nx; poor; 9/2. (D'Angelo-PA) 0304 "Hello Darfur" prg in AA; poor; 9/6. (Ronda-OK)
- 4965 **ZAMBIA CVC** Lusaka 0155-0202 W anc in vern w/ relg mx & talk; nearly buried in the noise; poor; 8/11. (Parker-PA) 0427 Relg songs in EE; occ. EE ancments; fair; 8/30. (Ronda-OK) 0431 W anc w/ EE relg talk; fair; 8/30. (Strawman-IA) 0441-0451 Contemporary EE Christian mx; W anc in EE w/ lcl TC & greetings to listeners; several mentioned by name followed by listeners' letters; full ID as "Radio Christian Voice Lusaka" w/ postal & email addys at 0446; fair; 9/5. (Wood-TN) 0256-0405 Christian pop mx; ID at 0300 followed by EE relg prg; ID at 0400 followed by nx; poor w/ noisy condxs; 9/12. (D'Angelo-PA) 0330-0415 EE relg prg peaking from 0400-0415 w/ more relg talk; jingles; sound fx; inspirational mx & pops; fair; 9/13. (Jordan-TN)
- 4970 **INDIA AIR Shillong** 1230 Nx & sports bulletin in EE; from 1235-1315 "Country Roads" Sunday evening mx prg w/ C&W songs; many lcl IDs; 8/12. (Howard-CA) 1245 EZL love songs "You are still with us for our evening western music program, Heart to Heart"; recently superb AIR recep; 8/16. (Howard-CA){assume diff. mx prgs for diff. days of the week?-ed.] 1235-1315 In EE w/ "Hit Parade" pop mx show; TC ("The time on the studio clock has past 6:45 PM"); lecture on "Gender, Justice & Human Development"; 8/25. (Howard-CA)
- 4975.96 **UGANDA UBC** Kampala 0330-0350 V. little audio despite decent sig strength; best at 0340-0350 w/ talk by M anc; 9/13. (Jordan-TN) 4975.97 *0329 (T); Threshold audio first heard a few minutes before 0352 txmitter sunrise; M anc; too weak to ID lang.; f/out by 0400; good carrier lvl w/ v. poor modulation; 8/10. (Jordan-TN)
- 4985 **BRAZIL R. Brazil Central** Goiania 0234-0247 M anc in PP w/ slow mx; strong 40 dB sig troubled by lcl rain static; f-g; 7/24. (Parker-PA) 0150-0154 M anc in PP w/ reverb FX; pop mx; 30dB sig; good; 8/11. (Parker-PA) 0323-0330 M anc in PP; mx at 0329 followed by ancments; talk over mx to 0332; mx to 0335 t/out; moderate sig w/ fading; strengthening over time; best log of this stn this summer; 8/26. (Evans-TN) 0420-0511 M anc w/ ID; rap mx; pop mx at ToH; poor; 9/5. (Wood-TN) 0930-0950 Slow ballads including Elton John covers in PP; much improved sig on 60m dipole; 9/5. (Wilkner-FL)
- 4990 **INDIA AIR Itanagar** 1421 "Good evening. This is All India Radio Itanagar. The news read by..."; "In sports..."; "Now the weather forecast from the Metrological Center. Light rain..."; 1425 back to Hindi; mostly poor but well above normal recep here; first time I have been able to hear this new lcl nx bulletin; 9/10. (Howard-CA) 1411 SC songs; 1415 musical fanfare, into lcl nx bulletin in Hindi; 1420 musical fanfare; "Good evening. This is All India Radio Itanagar. The news read by..."; sports nx; did not hear a wx forecast today; 1425 back to Hindi; mostly poor & v. rough copy w/ only a few words made out; must have been their new lcl nx bulletin in Hindi (see DXLD 9-064); 9/11. (Howard-CA)
- 4990 **UNIDENTIFIED** 1050 Carrier noted here; 9/8. (Wilkner-FL)[R. Apintie-Suriname has been rpted missing the past few weeks-ed.]
- 5005 **EQ. GUINEA R. Nacional** Bata 0530-0600 T/in to Afropops; SS ancments; weak but readable; 6250-RN Malabo not heard; 8/16. (Alexander-PA) 2147 Mx; fair; better than usual; 9/6. (Bernardini-Italy)
- 5009.94 **MADAGASCAR RTV Malagasy** Antananarivo 0330 Nice etheric W vcl; M anc in vern.; drumming; good at t/in despite txmitter being in daylight for 45 minutes; slowly fading; 9/13. (Jordan-TN) 5009.95 0308-0324 W & M in (P) FF; ancments w/ mx breaks at times; best heard w/ NIR12; strong static crashes & fast QSB; poor-v. poor; 9/7. (Serra-Italy)

- 5010 **DOMINICAN REPUBLIC R. *Cristal Int'l*** Santo Domingo 0357-0428 (P); Hi-life mx; long talk by M & W in SS; in the clear but quite weak; just above the noise lvl; poor; f/out by 0420; carrier still audible listening in SSB at 0428; 8/4. (Parker-PA)[?!?!Madagascar usually rpted at this time; tho never seen rpted using SS-ed.]
- 5010 **INDIA AIR *Thiruvananthapuram*** 0051-0100 M & W w/ Hindi chants & instrumental mx; M & W w/ ancments & mx bridges; lcl mx; ancrs w/ talk from 0055; best heard in SSB w/ rustle; static crackles & light QSB; fair; 8/25. (Serra-Italy)
- 5010 **MADAGASCAR RTV *Malagasy*** Antananarivo 0406 M ancr in Malagasy; fair; 8/23. (Ronda-OK) 0304-0315 Rustic vcl mx; prg intro at 0309 followed by W ancr in vern. hosting interview; outro mx at 0314 into diff. ancr talk; fair; 8/28. (Barbour-NH)
- 5025 **CUBA R. *Rebelde*** Havana 0513-0610 Mx prg w/ LA ballads; M & W ancrs w/ banter b/w mx; nine note IS tune at 0543 & 0558; (P) nx; again LA ballad mx prg w/ v. poor audio; heard after sunrise in my QTH & best in SSB w/ lite rustle & static; increasing QRN & QSB due to daylite time in Rome; fair-v.poor; after around 0600; v. weak but still audible under strong static crash; 9/6. (Serra-Italy)
- 5035 **BRAZIL R. *Aparecida*** Aparecida 0414-0424 M ancr in PP w/ short mx bridges; mx w/ W vcls; poor at t/in; improved to f-g by t/out; 8/7. (Parker-PA) 5035.01 0205-0220 PP ballads & talk; weak but readable; //6135.07v-poor w/ adjacent ch. splatter; 9/5. (Alexander-PA)
- 5040 **INDIA AIR *Jeypure*** 1325 Live coverage in EE of the Sri Lanka vs New Zealand cricket match; ancr w/ Scottish accent; ments. Ryder as a top bowler; many spots for "live ticket updates" via SMS; enter "CRI" & gives number to call; also w/ coverage in Hindi; still playing at 1420 t/out; AIR recep today was exceptionally good; 9/8. (Howard-CA)
- 5050 **CHINA *Beibu Bay Radio*** Nanning 1222-1443 New name! Beibu Bay is more familiar to Americans as the Gulf of Tonkin; multi-lang IDs; EE words heard: "This is Beibu Bay Radio"; "BBR news"; "weather report"; "Top Music" & "Learn about the world, know China"; mostly in Vietnamese w/ some CC ancments; there was no CC as scheduled from 1330-1500; EZL pops & indigenous songs; Sei-ichi Hasegawa of Japan comments: "I confirmed it at 5050 kHz at 1500 on Aug 25; ID as 'This is Beibu Bay Radio' & 'BBR News'; the name of Chinese is 'Bei-bu wan zhi sheng-Voice of Gulf of North'; 8/25 & 27. (Howard-CA) 1207 In Vietnamese; CC lang lesson w/ CC numbers: yi, er, san, si, wu, liu, qi, ba, jiu and shi; BoH IDs in CC,Vietnamese & EE; "This is Beibu Bay Radio"; "Road to health"; ancr w/ piano background mx; ID in just Vietnamese; ment. "FM"; EZL songs; ToH pips; same multi-lang ID; "BBR news"; even the nx & wx are given w/ background mx; "weather report" w/ list of Asian cities; 1308 Vietnamese ballads; still heard after 1510; almost fair; light to moderate AIR Aizawl QRM; I have concluded that D. Kernick-UK is in fact correct that there are only three langs used in IDs at ToH & BoH; Chinese, Vietnamese & English; audio < <http://www.mediafire.com/?xdjep1og1xr> >; 9/10. (Howard-CA)[good stuff OM; ex Guanxi PBS-ed.]
- 5066.34 **CONGO, DEM. REPUBLIC R. *Tele-Candip*** Bunia *0359 (P); Decent strength carrier; possible threshold audio in LSB?; txmitter dawn enhanced; s/on is only 9 minutes after Bunia sunrise; would be much easier w/out the WWCR splatter; 9/13. (Jordan-TN) *0420 M ancr in FF w/ threshold audio at 0424 & 0426; 9/15. (Jordan-TN)[great catch-ed.]
- 5446.5U **USA AFN Key West 1028-1032 NPR nx; 30dB sig; exc.; 7/22. (Parker-PA)**
- 5580.19 **BOLIVIA R. *San José*** San José de Chiquitos 1035 Noted here w/ early s/on; 9/3. (Wilkner-FL) 5580.2 2300 Noted return to freq after being off about a week; 8/17. (Wilkner-FL) 1030 Noted first time at 1030 w/ M ancr in SS; usually only 2330-0100; fair; 9/3. (Wilkner-FL)
- 5770 **MYANMAR *Myanmar Defense Forces BC*** 1230 (P) Their usual BoH format; selecx of indigenous mx; military march band w/ bugle; in vern.; playing pop & indigenous songs; 8/9. (Howard-CA)
- 5780 **UNIDENTIFIED** 0505 Plus/minus 10 kHz; extremely distorted S9+10 FMy spur; continuous talk; hard to recognize even lang; but finally decided it was Brazilian; did not find any matching modulation thruout 49m; I recall that a Brazilian stn was rpted from Brasil in this area; way off freq; but can't find it now as I don't remember the exact freq; 9/5. (Hauser-OK) 0517 V. distorted FMy spur; but much weaker than last night; (P) the Brazilian again; now I've found previous rpt of this in DXLD 9-062; Spur from R. Tupi on 5775; 9/6. (Hauser-OK)
- 5840s **CHINA *CRI*** 0437-0444 EE talk re paper cuttings; most likely a spurious sig; fundamental freq unknown; strong 40dB sig; exc.; // 5900-v. weak; 8/7. (Parker-PA)
- 5875 **UNITED KINGDOM *BBC*** Rumphisham 0200 Time pips; ID & nx in RR; soft but fair; 9/7. (Taylor-WI)
- 5890 **N. KOREA *Jammer*** 1225 VOA Korean; usually in the clear; had roaring jammer & still at 1332; 24+ hours later; in the clear again; KNDF clandestine freqs from N. to S. Korea: 4557 1233 This one making the oscillating jamming sound; so that's from the South?; also CODAR in the mix; 4450 *1235 Flutter; CODAR; no jamming heard; 3480 at 1236; jamming & het-like on 4557; the 105m band was back w/ 2850-KCBS audible in mx at 1239; 9/10. (Hauser-OK) 

International Band Loggings

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- 5985 **MYANMAR Myanmar R.** Yangon in Burmese/EG 1522-1600*, pop music and selection of indigenous music, into EG segment w/ID, news of the activities of various ministers of the State Peace and Development Council, weather report, slogans, medical talk, ezl songs, NA, p-f (Howard CA 9/7)
- 5990 **SLOVAKIA IRRS** Milano relay in EG 0515-0530*, inspirational programming w/talk and music, ID at s/off and Milano, Italy address, Mon-Thurs only, g (Alexander PA 9/7)
- 5990 **BRAZIL R Senado** Brasilia in PT *0915-0945, non-stop jazz music, brief ID, rooster crow, into "Bom Dia", exc-f (Jordan TN 8/6) in PT *0918, s/on w/local Brazilian guitar music, only on open carrier from 0923-0927, back on w/instrumentals, rooster crows 0930, into talk, vg (Alexander PA 9/12)
- 6010v **BRAZIL R Inconfidencia** Belo Horizonte in PT 0845-0915, local BR music, announcements, ads, ID, good signal but very weak co-channel QRM starting 0910 (Alexander PA 9/12)
- 6010 **MEXICO R Mil** Mexico City in SP 1005-1035, SP pop music and announcements, IDs, ads, promos, in the clear but local noise (Alexander PA 9/12) in SP 1200, PSAs, ID for XEOY, jingle, into music show "Where Mexican Music Lives", in the clear w/fair signal (Hauser OK 8/22)
- 6019v **PERU R Victoria** Lima in SP 0558-0800, preaching, ID "LV de la Liberacion", Beethoven theme music, full R Victoria IDs, more preaching (Jordan TN 9/7)
- 6055 **SPAIN REE** Noblejas in EG/SP 0055, SP music w/YL DJ in EG at tune-in, into SP programming at 0100, pips, SP pop music, g (Barton AZ 8/22)
- 6065 **GERMANY Adventist World Radio** relay via Wertachtel in Tigrinya 0314-0330*, Horn of Africa music, OM preaching, ID at closedown, over HoA vocals, f (D'Angelo PA 8/21)
- 60898v **NIGERIA R Nigera Kaduna** in Hausa 2145-2204, IDs at 2155 & 2159, mentions of Kaduna, local tribal music and chants, fair but covered by Anguilla after 2204 s/on (Alexander PA 8/15) in EG/Hausa, *0255-0700, 1 kHz tone drumming at 0259, choral NA, brief EG anmt and into Hausa talks and Qu'ran, sermons, f-g after 0520 (Jordan TN 9/5)
- 6090 **AUSTRIA Adventist World Radio** relay via Moosbrunn in Farsi 0405-0426*, religious program with choir vocals, ID at closedown, f-g (D'Angelo PA 9/12)
- 6090v **BRAZIL R Bandierantes** São Paulo in PT 0250-0310, audible w/Anguilla off air, talks by OM and YL, ID 0300, music fanfare and into OM DJ hosting music program, f (D'Angelo PA 9/8) in PT 2320-0003 talk by OM, as for PetroBras at 0300, Anguilla silent, p-f until blocked by Kaduna 0003 (Jordan 9/4)
- 6090 **ETHIOPIA Amhara State Regional Radio** via Addis Ababa in Amharic 0323-0350, Horn of Africa music and mostly OM/YL alternatively talking, new station as of May '09 but on MW for past 12 years, strong signal w/Anguilla station off air (Jensen WI 9/6) in Amharic *0257-0350, IS, talk at 0300, Horn of Africa style music and rustic vocals, p-f (Alexander PA 9/7) in Amharic 0312-0347, HoA music, mix of instrumental and vocal music, talk by OM 0326-0344, fair signal until 0347 when overwhelmed by Anguilla s/on (Ronda OK 8/25) in Amharic 0316-0342, HofA vocals under Anguilla, talks by OM and YL, music fanfare 0330 and into news, features, mostly poor reception (D'Angelo PA 8/26)
- 6100 **CANADA RCI** via Sackville in SP 2227, feature on the anniversary of the U.S. moon voyage with music bridges of "2001" and Sinatra's "Fly Me to the Moon", g (Fraser ME 8/15)
- 61047v **MEXICO XEQM Radio Merida's Candela FM** in SP 0628-0657, local pop music, promos, talk, weak but readable in thunderstorm static, covered by TWR s/on at 0657 (Alexander PA 8/28)
- 6110 **ETHIOPIA R Fana** in Amharic *0257-0320, IS, ID, OM w/news, p-f (D'Angelo PA 8/20) in Amharic 0337-0400, regional music, talks by OM/YL w/flute music, f (Rohde OH 8/23) in Amharic 0357, YL and OM talking over music bed, quick ID 0359, hybrid dance/AR music, f (Taylor WI 9/4)
- 61552v **BOLIVIA R Fides** La Paz in SP 0158-0218*, two fast talking OMs w/coverage of futbol match, end of game at 0215, ID and frequency anmts prior to s/off, poor w/deep fades (D'Angelo PA 8/28)
- 6161v **CANADA CKZN** St. Johns, Newfoundland in EG 2155, promos, "CBC Radio One" ID, CBC news at 2200, "As It Happens" feature, f-g (Alexander PA 9/7) in EG 0138-0209, talk how, Carol Burnett interview, CNC news 0200, poor w/splatter from Netherlands station from 0158 (D'Angelo PA 9/2) in EG 0107, pop songs, interview, several promos for local concert, f (Ronda OK 8/29) in EG 2350, mellow vocal music, interview re the music industry, p (Taylor WI 8/29)
- 6175 **MALAYSIA Voice of Islam** via Kajang in Malaysian 1418, pop songs, news ToH, IDs "Suara Islam FM" and "Radio Suara Islam, Kuala Lumpur", f-g (Howard CA 8/10)

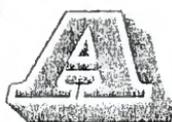
- 6250 **EQUATORIAL GUINEA R Nacional** via Malabo in SP *0537-0620, s/on with talk, variety of light Euro-pop music and US pop music, R&B and Afro-pops, news 0608, ID, p-f (Alexander PA 8/28)
- 6255 **EGYPT R Cairo** Abis in EG 2115, s/on with a welcome, program schedule, some local pop music, into news –all by a single YL, fair with w/QRN from approaching thunderstorm (Fraser ME 8/21)
- 6973 **ISRAEL Galei Zahal** in HB 0112, oldie recordings, Beach Boys, Rolling Stones, Paul and Mary etc, ID at 0132 followed by brief HB talk, f (D'Angelo PA 9/2)
- 7110 **ETHIOPIA R Ethiopia** Addis Ababa in Amharic 0349-0415, OM w/prayers, commentary, news, jazz up to 0400, ID, frequency, Horn of Africa music, f-g (Wood TN 8/22) in Amharic *0259, IS, bells just after ToH then back to more Horn of Africa vocals, chatting, g. //5989.6 (Jordan TN 9/5)
- 7145 **LAOS LNR** Vientiane in EG 1334, news re Laos, Vietnam, and Cambodia signing memorandum of understandings for better cooperation, data on HIV cases in Laos, So. Korean airline in negotiations for direct flights b/w Laos and Seoul etc., "You have been listening to the Lao National Radio, broadcasting from Vientiane, the Lao People's Democratic Republic, s/off at 1356 (Howard CA 8/9)
- 7200 **SUDAN SRTC** Al Fitahab in AR *0232-0405, abruptly on with Qu'ran, talk, local pop music, "Huna Omdurman" IDs, local chants, chirping birds, f-g w/some HAM QRM (Alexander PA 8/16)
- 7210 **ALBANIA China R Int'l** relay via Cerrik in SP *2200, IS, ID, news, g (McGuire MD 9/10)
- 7245 **CHINA CNR-2/China Business Radio** Beijing in EG 1430-1459, "English Evening" feature – "today is Teachers' Day in China, segment of "Studio Classroom", f-g, //s on 6155, 7265, 7315, 7335, 9820 and 9775, website (Howard CA 9/10)
- 7280 **CHINA Voice of the Strait** Fuzhou in CH 1253, contemporary Western style music, announcement, 5+1 time pips at 1300, ID, good signal until obliterated at 1300 (Taylor WI 8/25)
- 7350 **CHINA CNR-11/Tibetan Service** via Baoji in EG 1430, special "Holy Tibet" program entirely about the Shoton Festival held from August 20-26 in Lhasa –one of the most important Tibetan festivals and consists of singing competitions, Tibetan operas, Buddhist painting displays, Lhasa International Half Marathon Challenge and yogurt banquets (Howard CA 8/22)
- 7540 **EGYPT R Cairo** via Abu Zaabal in EG 0226-0315, features, Egyptian music, IDs, time pips 0300 and news headlines, good signal w/fairly good modulation (D'Angelo PA 8/27)
- 9380 **THAILAND VOA** relay via Udon Thani in Pashto 1430, long talk by OM, vg signal but required offset phasing after 1500 when Brother Stair started splashing over from 9385 (Barton AZ 8/24)
- 9410 **TAIWAN Fu Hsing BS** via Kuanyin in CH 1222-1254, OM w/program of talk and short musical interludes, 1226 short talk by YL, mellow CH pop music, fair signal but gone by 1254 (Taylor WI 9/5) in CH 1158, long talks by OM/YL, music bridges, signal lost in noise by 1240, WHRI and BBC not present this frequency on date of reception (Ronda OK 9/5) Both receptions marked presumed. No ID.
- 9525 **ROMANIA RRI** Galbeni in RM 0100, ID, news, song '3 is A Magic Number', g (McGuire MD 8/19)
- 9580 **GABON Afrique Numero Un** Moyabi in FR 1953, talk under dominant co-channel Romania with pop music, 4 pips and ID at 2000, news, in the clear after Romania s/off 1958 (Barbour NH 9/6) in FR 2200, ID, news, apparent outdoors concert, vg (Coady ONT 8/29)
- 9635 **MALI RTVM** Bamako in AR/FR 0750-0830, talk in AR, flute IS, ID in FR, variety of Afro-pop music, local string music and rustic vocals, g (Alexander PA 9/12)
- 9650 **CANADA KBS World Service** (So. Korea) relay via Sackville in EG 1200, ID, report on North Korea and other political news, g (McGuire MD 9/12)
- 9675 **ROMANIA RRI** Galbeni in EG 2233, "People and Places" about rafting on the Vistula River, folk music, ID, "DX Mailbag", g (Coady ONT 8/29)
- 9700 **BULGARIA R Bulgaria** Plovdiv in EG 1943, feature on a museum exhibit by a Bulgarian bridge architect who has worked around the world, vg, //11700 (Coady ONT 8/29) in BG *0000, IS, ID, frequency schedule, news, g (McGuire MD 9/8)
- 97042v **ETHIOPIA R Ethiopia** Addis Ababa in Amharic 2035-2100*, wide variety of Euro-pop, U.S., and local pop music, talks, s/off w/NA, poor in noisy conditions, //s 7110, 59896v (Alexander PA 8/23)
- 9705 **NIGER La Voix du Sahel** Niamey in FR/Hausa? 2152-2300*, YL w/talks, flutes 2153, chanting, four pips at 2200, more chanting by a group of OMs, Koran recitation?, choral anthem, good at tune-in but deteriorating after 2220 (Evans TN 8/31) in FR/Hausa? 2100-2301*, back on the air after being silent for about a week or so, Qu'ran and talk in Hausa?, tribal chants, more Qu'ran at 2255 followed by short flute IS and choral NA, f-g after Ethiopia 9704 signed off but severe splatter at 2258 (Alexander 9/11)
- 9775 **RWANDA Deutsche Welle** relay via Kigali in GM 2300, ID, news, mentions of Afghanistan and Iraq, good reception (McGuire MD 9/9)

- 9785 **SRI LANKA VOA** relay via Irana Wila in EG 0104-0123, YL w/news followed by "VOA News Now" and "World News Now", fair (D'Angelo PA 8/28)
- 9830 **SAO TOME VOA** relay via Pinheira in FR 2100, IS, ID, news beamed to Africa, p (McGuire 9/10)
- 9870 **INDIA AIR Bangaluru** "Vividh Bharati" via New Delhi in HD 0405-0435*, very enjoyable local music w/short anmts by OM, YL w/news?, p-f w/fading (Evans TN 8/26)
- 9970 **BELGIUM RTBF Int7** via Wavre in FR 0527-0600, "Le Journal" feature, ID, frequency, into "Matin" program, f-g (Jordan TN 8/25)
- 10320^{usb} **HAWAII AFRTS** Network relay via Pearl Harbor in EG 0535, IDs, as "CNN Radio", talk about the business side of professional baseball in the U.S., ment funeral of Senator Kennedy, g (Wood TN 8/30) in EG 0136-0202, pop music program hosted by OM w/brief talk, "AP Radio News" 0156 followed by sports, ID 0200 and more news and musical programming, p-f (D'Angelo PA 9/2)
- 11600 **CZECH REPUBLIC R Prague** in CZ 2100, IS, ID, frequency schedule, news, f (McGuire MD 9/7)
- 11610^{nf} **FRANCE R Nederland** relay via Issoudon in EG 2050, program oriented towards African interests, i.e. Dutch museums in Africa, mentioned Cameroon, Mali, and Benin, changing architecture in Africa, African song "I Want to Go Home", "goodbye and thanks for listening", off 2057 (Molander CA 9/16)
- 11650 **CHINA CRI** Beijing in Esperanto 1353, alternating announcers YL/OM, web address spelled out in EG, ID, CH traditional flute music, f (Taylor WI 8/29)
- 11690 **CUBA RHC** Havana in SP 2300-2359, tasty music program of salsa and Latin pop music, ID, real strong signal (Barton AZ 8/22)
- 11710^{4v} **NORTH KOREA V of Korea** Kujang in FR 428, YL w/talk, ID 1430, Korean ballad, more talk, ID at 1442, f-g (Barbour NH 9/8) in EG 1330, feature on the Japanese occupation of Korea, music bridges of patriotic liberation songs by a chorus, f (Fraser ME 8/16)
- 11710^{7v} **ARGENTINA RAE** General Pacheco in FR 0308-0331, vocals until news at 0311 followed by several IDs, classical piano music, f (D'Angelo PA 8/19)
- 11725 **NEW ZEALAND RNZI** in EG 0511, talk of U.S. involvement in Afghanistan, recordings of NZ parliamentarians and their support or opposition of NZ troops being in harm's way, f (Wood TN 8/22)
- 11730 **GERMANY Cheetah Radio** via Juelich in EG *1600-1659*, ID "Your world, your way...Cheetah Radio", two YLs discussing time management, skills needed for getting a job, technology skills, poor in noisy conditions, heard Saturdays only (Alexander PA 8/29) in EG 1602-1633, long talk about wind power, nuclear power and the need to balance all interests, ID, fair w/deep fades (D'Angelo PA 9/12)
- 11735 **TANZANIA R Tanzania-Zanzibar** in SH/EG 1800, news in EG, ID, talk in SH, Arabic style music to 1814, good signal but difficult to understand thick EG accent, QRM (Alexander PA 9/11) in SH 1950-2020, nice Arab music "to doze by", mostly talk, low het not too bothersome (Hauser OK 9/10)
- 11780 **BRAZIL R Nacional da Amazonia** Brasilia in PT 2148, fast-talking announcer, YL w/short section, ID 2148 and talk b/w the two, g (Taylor WI 8/29)
- 11795 **UNITED KINGDOM Deutsche Welle** relay via Rampisham in EG 1917, YL/OM with the news in EG accents, discussion of Germany's "love affair" with fast cars, "they want their cars as large and fast as possible, talks of creating a 130 kilometer speed limit, into PT language 1930 (Molander CA 9/16)
- 11800 **UZBEKISTAN CVC Int7** relay via Tashkent in EG 0149, gospel song, religious message by OM, IS and ID, weak but readable signal (Ronda OK 9/1)
- 11865 **PORTUGAL Deutsche Welle** relay via Sines in GM 2200, ID, news, ment Afghanistan (McGuire 9/7)
- 11884^{8v} **MALAYSIA V of Malaysia** Kajang in CH 1149-1202*, pop ballads, 1+1 pips at 1200 and ID, news? of Indonesia, fair at best in noisy conditions (Barbour NH 8/29)
- 11915 **GERMANY Adventist World Radio** relay via Wertachtal in Kabyle *1728, talk, IS, multi-lingual ID, website in EG, musical intro, more talk by om, p-f (Jordan TN 8/30)
- 11990 **KUWAIT R Kuwait** in EG 1900, history of Kuwait followed by a wide variety of western style music, strong signal on portable radio (Svasta OH 9/4)
- 12065 **RUSSIA V of Russia** relay via Chita in VT 1250, mostly jazz music, usual IS, ID 1300, news by OM, fair signal (Strawman IA 8/23)
- 13640 **ALBANIA R Tirana** via Shijak in EG 2000, IS, ID, frequency schedule, news, f (McGuire MD 9/7)
- 15120 **NIGERIA V of Nigeria** Ikorodu in EG 2055, interesting Afican music, ID 2100, g (Molander CA 9/16) in EG 2030, YL hosting "Time for High Life", vg (Coady ONT 8/29)
- 15205 **RWANDA Deutsche Welle** relay Kigali in EG 2110, news re the Lockbie terrorist/bomber being freed due to terminal illness, g, //9735, 11865 (Fraser ME 8/21) in EG 2145, Radio D language course "Learn Spanish, a Language Without Bounds, vg (Coady ONT 8/29)
- 15220 **CANADA Chine Radio Int7** relay via Sackville in CH 1500, IS, ID, mainly news (McGuire MD 9/8)

- 15275 **THAILAND R Thailand** Udon Thani in EG *0000-0030, ID, "National News", promo for local tourism, fair signal but down to threshold by 0029- antenna switch (Alexander PA 8/16) in EG *0000, sudden opening w/ID and "This is Radio Thailand World Service broadcasting from Bangkok" over time pips and instrumental music, news, tourist features, promos, ads, p-f (D'Angelo PA 8/22)
- 15345 **MOROCCO RTV Marocaine** via Nador in AR 1927, music, Koran-like chants, ID 1936, program intro YL with talk, radio drama(?) at 1944, g (Barbour NH 9/6)
- 15345 **ARGENTINA RAE** General Pacheco in EG 2215, speech by the president of Argentina amid applause, into romantic music 2245, the "Actualidad DX" feature, 'surprised to hear my name mentioned several times, RAE ID, pips, mostly fair (Howard CA 9/11) in FR 2040, classical music, ID, talk, weak but in the clear (Alexander PA 9/11) in EG 1837, news about Latin America, "Sports Review", ID, vg (Paszkievicz WI 9/11) in SP 2005, discussion of arts in Argentina, ID, f (Ronda OK 8/22)
- 15560 **PORTUGAL RDPI** Lisbon in PT 1356-1425, pop music to 1400 time pips, ID, YL and OM with the news, talk features, g (D'Angelo PA 8/23)
- 15565 **UNITED KINGDOM Radio Liberty** relay via Wooferton in RS *1300, Radio Svoboda IDs, news, very good signal at s/on but fading to poor by 1400 (Jordan TN 8/27)
- 15595 **VATICAN STATE Vatican Radio** in EG 1626, OM with feature on East Timor 10 years after its independence from Indonesia, mentioned website, abruptly off at 1629, f (Coady ONT 8/30)
- 15476v **ANTARCTICA R Nacional Arcangel** San Gabriel Base Esperanza in SP 1800, s/on w/Spanish ballad, mentioned Esperanza and other anncmts over the ballads, canned ID?, YL with what sounded like "saludos to oyentes internacionales", more ballads, faded to threshold 1830 (Jordan TN 9/14)
- 15605 **RUSSIA V of Russia** Moscow in HD/EG 1355, nice Hindu song, ID/IS 1359, into EG programming starting with the news, "News and Views of Medvedev" feature 1408, g (Hauser OK 9/5)
- 15650 **SLOVAKIA Radio Miraya FM** relay via Rimavka Sabota in EG/AR *1500-1530, news, IDs, news headlines, into AR program 1510, ID, news, fair w/some deep fades (D'Angelo PA 9/13) in EG 1501, "Miraya 101" IDs, news about Sudan, website, into AR 1510, poor (Alexander PA 9/13)
- 15785 **ISRAEL Galei Zahal** Tel Aviv in HB 2115-2155, local pop music, talk, p, //6973 (Alexander PA 8/21) in HB 1846, program of U.S. jazz, voice-over anncmts, ID 1900, into news in HB (Ronda OK 9/4)
- 17500nf **GERMANY VOA** relay via Lampertheim in Tibetan 1403, YL/OM conversing, little if any music heard, poor signal fading in and out but still going at 1431, no jamming however (Hauser OK 8/27)
- 17725 **LIBYA V of Africa** Sabrata in SH 1400, ID 1408 as "Voice of Africa from the Great Jamahiriyah", drumming, opening EG program 1430, fair w/fading and undermodulated (Hauser OK 8/26)
- 17745 **PORTUGAL Sudan Radio Service** relay via Sines in EG *1459-1527, s/on w/ID and contact info, "Lets Talk" feature at 1501 concerning human rights in Sudan, into AR talk at 1527, poor in noisy conditions, heard on weekends only (Alexander PA 8/29)

Clandestine/Opposition Stations

- 6170 **ETHIOPIA V of Tigray Revolution** in Tigrinya *0257-0310, s/on w/IS, talks, Horn of Africa music, poor w/strong adjacent channel splatter, //5950 weak under WYFR (Alexander PA 8/21)
- 7165 **ETHIOPIA V of Peace and Democracy** (Eritrea) via Addis Ababa in Tigrinya *0355-0432*, OC with instrumental music kicking in at 0356, periodic IDs as music continued, opened at 0400 w/ID and frequency anncmts, drums and OM w/news, more drums and talks, f (D'Angelo PA 8/21) in Tigrinya *0356-0432*, s/on with Horn of Africa music and several IDs, opening anncmts 0400, f-g until covered by noise jammers, //9560v, f-g, Mon-Wed-Fri only (Alexander PA 8/21)
- 7175 **ERITREA V of the Broad Masses** via Asmara in Vernacular 0354, IS, ID sequence 0359, jammed beginning at 0401, //9560 fair after off tuning to escape bad hetro (Ronda OK 8/18)
- 13730 **GERMANY Radio Dabanga** (target Darfur) relay via Wertachtel in Sudanese? *1530-1727*, s/on with ID jingles and talk, fair but high pitch tone on frequency, //11500 Madagascar (Alexander PA 8/29)
- 13830 **GERMANY Radio Oromiyaa Liberation** relay via Juelich in Orominya/Amharic *1730-1800*, s/on with Horn of Africa music, ID, talks in vernaculars, jammer QRM at 1732, Fri only (Alexander 9/11) 



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