

The **NASA** Journal

VOLUME XLX NUMBER 10

OCTOBER 2010

RADIO BRAZZAVILLE



AFRIQUE
EQUATORIALE
FRANÇAISE



FRENCH
EQUATORIAL
AFRICA



P. O. Box 108
BRAZZAVILLE



BRAZZAVILLE

RADIODIFFUSION

TÉLÉVISION

FRANÇAISE

RÉPUBLIQUE DU CONGO

FRANÇAISE
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BRAZZAVILLE
IMPRIME

RADIO BRAZZAVILLE

Je vous remercie pour votre rapport
écrit et ou confirmé exactitude
thanks for your reception report
which was found to be correct.
Frequencies and power

RADIO BRAZZAVILLE (472)

3,970	kw	50	m	24	1.5	kw
7,103	kw	42	m	21	5	kw
9,545	kw	31	m	43	50	kw
9,730	kw	30	m	82	7	kw
9,770	kw	36	m	71	7	kw
11,710	kw	25	m	62	50	kw
11,725	kw	25	m	56	47	kw
11,970	kw	23	m	66	7	kw
15,190	kw	19	m	78	03	kw
15,445	kw	19	m	49	50	kw
17,720	kw	16	m	93	50	kw et 1.5 kw
21,502.5	kw	13	m	92	50	kw et 1.5 kw

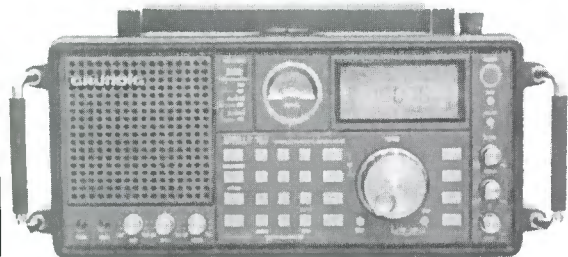
Quality Radio Equipment Since 1942

GRUNDIG

SATELLIT 750

FREE Grundig G6 Receiver

Purchase your Satellit 750 from Universal Radio before 12/31/10 and receive a FREE G6 with your order. A \$99.99 value! (G6 also sold separately).



The Grundig Satellit 750 will give complete coverage of all long wave, AM, shortwave frequencies (with S.S.B. mode) and FM (stereo to the earphone jack), plus the VHF aeronautical band (118-137 MHz). Tune your favorite stations by the conventional tuning knob (two speed), keypad entry or via 1000 memories. Enjoy the fidelity you have come to expect from Grundig enhanced by separate bass and treble controls. The radio has 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, wide/narrow selectivity, memory and attenuator status. Long distance AM band reception is possible with the built-in 360° rotatable 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).

List \$400.00

Order #0750

\$299.99

GRUNDIG G6



With the Grundig G6 Buzz Aldrin Edition at your side, you'll always have great listening options. Tune in to longwave, AM, FM, the VHF aircraft band or continuous coverage shortwave. Use the auto-tuning feature to browse stations and stop on the next available frequency. You can also use "D5" tuning to get a taste of what's playing—stop on the next available frequency for five seconds at a time. This advanced dual conversion circuit also features the reception of S.S.B. (Single Side Band) signals. This radio has keypad entry, manual tuning knob and 700 alphanumeric memories, arranged in 100 pages. The backlit display features a signal strength indicator and there is a stereo/mono and a mega-bass switch. There are mini jacks for earphones and external antenna. Use the international clock and wake-up alarms to keep you on schedule. This radio comes with an AC adapter and earbuds. It can operate from two regular or NiCad AA cells (not supplied). 5 x 3 x 1.2 inches 9 oz. This radio is simply a great value.

List \$150.00

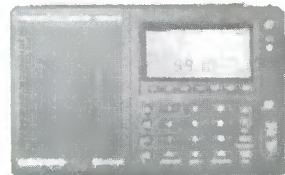
Order #0626

\$99.99

GRUNDIG G3

FREE Grundig M400 Receiver

Purchase your Grundig G3 from Universal Radio before 12/31/10 and receive a FREE M400 with your order. A \$29.95 value! (also sold separately).



The Grundig G3 Globe Traveler is an innovative portable radio covering long wave, AM, FM (stereo to earphone jack), continuous shortwave plus the VHF aircraft band. It features dual conversion AM/SW circuitry for exceptional sensitivity and image rejection. It offers S.S.B. - Single sideband reception. It has a large 700 channel memory system with memory scan and auto tuning storage. Memories may be labelled up to 8 characters. Unlike other portables in its class, the Globe Traveler offers Synchronous Detection. This special feature addresses the issue of selective fading and adjacent channel interference on shortwave. Other enhancements include: Wide/Narrow selectivity, auto search, RDS, signal indicator, Local/DX switch, direct frequency entry and 24 hour clock with four alarm timers. It has an external antenna jack and a Line In/Out jack. Requires four AA cells (not supplied). If four NiMH AAs are inserted, they may be recharged inside the radio. Supplied with manual, protective pouch and AC adapter/charger. 6.82 x 4.13 x 1.1". 13 oz.

G3 Globe Traveler Order #4033

\$149.95

M400

The Grundig M400 is an ultra compact portable radio that covers the AM (520-1710 kHz), FM (87-108 MHz) and shortwave in two bands: 5.9-10 and 11.65-18 MHz. The M400 features an analog circuit with digital display and has easy-to-use controls. The frequency display is to the nearest 1 kHz on AM and to 5 kHz on shortwave. There is a built-in clock-alarm. The left side of the radio has the tuning knob, an earphone jack and a lock button to prevent accidental frequency changes. An amazingly thin radio... under 1/2 inch! The built-in 4 ohm speaker is 40mm wide. The collapsible telescopic whip is for the FM and shortwave bands, and does not need to be extended for AM band reception. This radio operates from two AAA cells (not supplied). Supplied with an elegant soft case that permits the radio to be played even while inserted. 2.75 x 4.33 x 0.472" 3.2 ounces.

M400 Order #3400

\$29.95



S450DLX



The Grundig S450DLX Field Radio receives AM, FM and shortwave continuous from 1.7 to 30 MHz. A wide/narrow bandwidth switch reduces adjacent channel interference. The main tuning knob may be set to fast tuning, slow tuning or lock. Features include: Bass and Treble tone controls, RF Gain, 50 memories, 12/24 hour dual alarm clock, Quick-Tune button, sleep timer, 9/10 kHz MW step, battery level icon, DX/Local switch, FM mono or stereo (to earphone jack only) switch, F type antenna jack for external SW/FM antenna, and terminals for MW antenna and Ground. There is an AM IF Output jack (F type) for future accessory devices such as DRM or SSB decoders. Jacks also for line level output and line level input, plus an earphone jack. The display is backlit and there is a switch to even illuminate the push button keys on the front panel. Includes 9VDC AC adapter or operates from six D cells (not supplied). 12.2 x 8.5 x 3.8 inches.

S450DLX

Order #5450

\$99.99



Quality Communications
Equipment Since 1942

Universal Radio, Inc.
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Prices shown are after mfg's coupons.
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Please stop by for a look. We offer a wide selection of new and used shortwave equipment, antennas and books.

U.S.A. flat-rate shipping: Under \$50=\$5.95,
\$50-\$100=\$7.95, \$100-\$500=\$9.95, \$500-\$1000=\$14.95.
Except Alaska, Hawaii and Puerto Rico.

On 10 September **Robert Kipp** sent the following message: "Radio St. Helena sincerely regrets to have to inform radio listeners everywhere that Radio St. Helena Day 2010 has been cancelled. This very difficult decision was necessary, due to severe technical problems with the shortwave antenna tower. RSH is quite confident that RSD will be able to continue in 2011. With best greetings, Gary Walters, Station Manager, Radio St. Helena and Robert Kipp, Radio St. Helena Day Revival Project." All 266 QSLs for RSD 2009 have been mailed and should now be arriving around the world. Special thanks Robert Kipp in Germany, Station Manager Gary Walters and Derek Richards who operates the shortwave transmitting facility. Hopefully, Radio St. Helena will return to shortwave once again.

Eric Bueneman sends word that the Missouri DX Get-Together will be held November 5-7, 2010 in Branson, MO. The hotel for the event will be the Super 8 Motel at 2480 Green Mountain Road. It is located in the central part of Branson's entertainment district, and not far from the Missouri 76 Strip, where all the big shows are located. Free breakfast and coffee for guests. Hotel reservations can be made by calling (417) 354-8880. For more information about this event contact **John Tudenham** at jotud@yahoo.com.

Casemate Publishing (908 Darby Road, Havertown, PA 19083) has issued a news release about an upcoming book by lifelong shortwave enthusiast and NASWA member **Richard Lucas** entitled, *Axis Sally: The American Voice Of Nazi Germany* which will be published on October 19, 2010. It is the first fully-documented biography of the Ohio native and notorious World War II radio propagandist. It is now available for

pre-order at Amazon.com, Barnes and Noble and Borders, *Axis Sally: the American Voice of Nazi Germany* is based on government documents and 'lost' trial transcripts that reveal the complex life of this tragic figure. One of the most notorious Americans of the twentieth century was a failed Broadway actress turned radio announcer named Mildred Gillars (1900-1988), better known to American GIs as "Axis Sally." Despite the richness of her life story, there has never been a full-length biography of the ambitious, star-struck Ohio girl who evolved into a reviled disseminator of Nazi propaganda. Her 1949 trial for treason captured the attention and raw emotion of a nation fresh from the horrors of the Second World War. Her 12-year imprisonment and life on parole is a remarkable story of a woman who attempts to rebuild her life in the country she betrayed. The book is published by Casemate, a leading publisher and distributor of history and military books. For more information about *Axis Sally: The American Voice of Nazi Germany* or author Richard Lucas, contact Tara Lichterman at (610) 853-9131 or tara.lichterman@casematepublishing.com). The book is now available for pre-order at Amazon.com, Barnes and Noble and Borders.


Don't forget about Radio Free Asia's (RFA) new 14th anniversary QSL card. The card will be used to confirm all valid reception reports from September 1 - December 31, 2010. The design is a simple photo collage made from a small sample of the many stories RFA has covered in the past 14 years. Acting as a substitute for indigenous free media, RFA concentrates its coverage on events occurring in and/or affecting the countries to which it broadcasts (Burma, Cambodia, Laos, North Korea, Peoples Republic of China, and Vietnam). As a 'sur-

Our Motto: Unity & Friendship


rogate' broadcaster, RFA provides news and commentary specific to each of its target countries, acting as the free press these countries lack. RFA broadcasts only in local languages and dialects, and most of its broadcasts comprise news of specific local interest. RFA welcomes all reception report submissions at www.techweb.rfa.org (follow the QSL REPORTS link) not only from DXers, 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. Thanks to our good friend at RFA, **A. J. Janitschek**, for the information.

Please remember to direct all communications about subscriptions, bulletin delivery issues, Halloween party suggestions, the use of PayPal as a payment method, etc. to **Bill Oliver** at the club's Levittown address or to his new electronic address, billoliver@verizon.net. 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 1985)

The Suriname DX Club, formed in January 1985, concentrates on Latin America. They published a bi-monthly bulletin, "Suricall". Samples were available for US\$1.00. Kevin Atkins was selling his Hammarlund HQ-180C for US\$120.00. In Contact Notes, editor Stephen Moyer complimented Radio Database International following the pre-publication trials and tribulations. Easy Listening editor Alex Bateman made a request of readers to help support the column with contributions. Having just moved into his own home, Technical Topics editor Skip Arey provided potential radio movers some advice on how to move your radio equipment. Awards Chairman John Kapinos announced five new awards: Senior Time Station DXer; Master Time Station DXer; Australian DXer; Senior Radio Moscow DXer; and Master Radio Moscow DXer. John Herkimer provided the artwork for the new award certificates. In Computer Corner, editor Bill Coles provided information about frequency control for the Icom R-70. Also, the ANARC BBS went live on September 1st under Bill Krause of the Computer Information Committee. Bill informed members he completed his 13th column and planned to stop after 24 columns; "Two years will be enough!" The European DX Council Computer Contest Survey appeared. "Milwaukee ANARCDotes by Andy Sennitt appeared in *Frendx*. In *NASWA-Novice*, editor Gregory Bailey discussed basic antenna construction. Richard D'Angelo wrote "The History of Educational Broadcasting in Nigeria" and Bill Whitacre wrote "New Zealand Reflections." In Log Report Section B, editor Jerry Berg noted Radio Database International as a highly valuable reference. John Henault noted in Log Reporters that 33 members sent in logs this month. 

Calendar Of Events

- Oct 8** *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 9** *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 16 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 18 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, <mailto:curt@nerdster.net>curt@nerdster.net.
- Oct 22 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 5-7 Meeting. Missouri DX Get-Together** will be held November 5-7, 2010 in Branson, MO. The hotel for the event will be the Super 8 Motel at 2480 Green Mountain Road. Hotel reservations can be made by calling (417) 354-8880. For more information, contact John Tudenham at jotud@yahoo.com.
- Dec 4 Meeting. Reading International Radio Group.** A meeting of the Reading International Radio Group will be on Saturday December 4 in Room 3, Reading International Solidarity Centre, 35-39 London Street, Reading at 2.30 p.m. Further information from Mike Barraclough <mikewb@dircon.co.uk>.
- Feb 26, '11 Meeting. Reading International Radio Group.** A meeting of the Reading International Radio Group will be on Saturday February 26 in Room 3, Reading International Solidarity Centre, 35-39 London Street, Reading at 2.30 p.m. Further information from Mike Barraclough <mikewb@dircon.co.uk>.
- Mar '11 Convention. The 24th Annual Winter SWL Festival**, sponsored by NASWA, will be held at the Holiday Inn—The Inn at Towamencin on 4 and 5 March 2011. Richard Cuff and John Figliozzi co-chair the organizational committee. Although it is early, you don't want to miss this special Fest event. See you there!
- May '11 Annual Meeting. The National Association of Shortwave Broadcasters annual meeting**, organized by Radio Miami International, will take place 13-16 May 2011 onboard the Royal Caribbean Majesty of the Seas cruise ship which sails from Miami to Nassau and Coco Cay in the Bahamas. The cost for the three-night cruise will be \$299.00 plus \$66.41 in taxes, per person in a double occupancy inside cabin. This price includes all meals, accommodation, transportation and entertainment. The ship has a dedicated conference center where the NASB and DRM USA meetings will be held, and Royal Caribbean will provide the meeting rooms and audiovisual equipment free of charge. The NASB cruise rate of \$299.00 is guaranteed for those who register before October 27, 2010 with a deposit of \$100.00 per person (\$200.00 per cabin). The balance of the cruise fare does not have to be paid until March 4, 2011. A brochure about the cruise and a registration form are available on the NASB website, www.shortwave.org. Click on "Annual Meeting." For an e-brochure with photos of the ship, send an e-mail to info@wrmi.net with "NASB 2011" in the subject line.
- May '11 Hamvention. The 2011 Dayton Hamvention** runs from May 20 through May 22 at the Hara Arena, just outside of Dayton in Trotwood, Ohio. The theme for this year is "This Week in Radio." Further information is available at <http://www.hamvention.org>.

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). 

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.

Tim Noonan <DXing2@aol.com>, Oak Creek, WI

The Madison-Milwaukee Get-Together on August 21 was a big success. We had a great group of people here, representing a variety of areas within the radio hobby. The mosquitoes and humidity outside kept a lot of the conversations inside until we moved to the Melrose Restaurant for dinner. Universal Radio and Radio Free Asia generously donated giveaways and door prizes, and the dinner concluded with the traditional distribution of the prizes. Shortwave, once again, was well represented, with NASWA members Bob Brossell, Gerry Dexter, Bill Dvorak, Mark Taylor, Bill Tilford, and myself in attendance. If you couldn't make it here this year, you have another chance, as we will host the event again next year at our home in Oak Creek. Make your plans early—it will be on Saturday, August 20, 2011.

Toshi Ohtake <ohtaket@kyp.biglobe.ne.jp>, Japan Short Wave Club, JSWC, P. O. Box 44, Kamakura 248-8691, Japan

First of all, we would like to announce that we will start issuing e-mail QSL for the JSWC edited programs in Wavescan and DX Partyline. Our e-mail address for your e-mail report is jswcqml@live.jp. The QSL card issued by the e-mail is the same design as the printed QSL. We continue to issue the printed QSL by the same system as before. Your report should be addressed to: JSWC, P. O. Box 44, Kamakura, Postal Code 248-8691, JAPAN. 1 IRC or 2 US dollars for return postage will be appreciated.

The second topic for this week is about Tokyo HAM Fair 2010. This annual event was held on 21st and 22nd of August at Tokyo Big Sight, and attracted about 31,000 visitors, which were the same as the last year. JSWC opened our own booth to promote short wave radio listening at the booth number J-34. We had an honor of special visitors, Mr. Kazuo Ozaki from HCJB Global Voice and Mr. Hoang Lien Son of Voice of Vietnam Japanese Service.

We had special lecture sessions by our members. Mr. Atsuhisa Kageyama talked on his design of delta loop antenna, and introduced his new design called Delta Loop 8, which was ultra wideband loop antenna covering AM through whole short wave bands. The present popular delta loop 7 is a tuning-type antenna, so there is an urgent need for wideband antenna because the popularity of SDR (software designed radio) among Japanese DXers is getting bigger.

Mr. Takahito Akabayashi talked about the various topics on short wave listening world in the past year, and concluded that the last year was not a bad year for DXers. Mr. Tetsuya Hirahara, expert DXer on Latin American stations talked on his recently published book titled "A Hora Japonesa," a story about the Japanese language stations in Brazil targeted to many immigrants from Japan. He visited Brazil a few times to collect the materials, and actually visited several radio stations airing or used to air Japanese programs.

This is all for this month. Wishing you FB DXing! Toshi

Michael Schmitz <kurier@addx.de>, editor-in-chief, Radio-Kurier, ADDX, Germany
Thanks for your reply and thanks for publishing my five cents on the topic in the September issue of the NASWA Journal.

Memories arouse when I read your lines about Ecos del Torbes. In the 1980ies I wrote my thesis about the Spanish dialect spoken in the Carabobo province in Venezuela and had the opportunity to travel the country for some months to do some field work. I also visited San Cristobal and had the opportunity to meet with Gregorio González Lovera, who was not only the founder and owner of Ecos del Torbes, Radio Táchira and two other stations, but also one of the three radio pioneers of the country, the only one still alive when I visited him. You write about their monster signal. On my Sony ICF 2001D their signal occupied a range of 50-60 kHz in San Cristóbal (i.e. 4950-5010 kHz) and I think the power of their boosted transmitter was at least 20-50 kW.

But even more impressed I was by the dedication and love some technicians had with their low power transmitters. Alfredo Poppert, a native German living in Valencia, the capital of the Carabobo province, was really proud of keeping La Voz de Carabobo's 1 kW transmitter on the air using a 40 year old Continental transmitter with four tubes and just a few meters of wire used as a dipole. Their signal could be heard regularly here in Europe in those days...

Another story was my visit to Radio Yaracuy. The gerente was proud that his station's signal could be heard worldwide and he showed me two huge baskets full of letters from listeners from overseas. Not a single one of those reception reports had been answered, but nothing was thrown away. The "verie signer" in those days was someone working at the local post office who had nothing to do with the station. The station's personal did not even know him!

Another interesting thing was Radio Valles del Tuy in Ocumare del Tuy on 6130v kHz. They were active in the 1980ies but had such a weak transmitter that it was hard to get their signal even at a distance of a few kilometers. They definitely had only a handful of Watts left to blow into the air; but they were still active on shortwave!

My favourite stations / programmes in that time were "Lo que esta noche recuerda" (night program of Ecos del Torbes) and the latin hitparade broadcast during the night on La Voz de Carabobo and on Radio Yaracuy. I visited almost every SW-station which was active in Venezuela in that time. Nowadays it seems that not a single one is left on shortwave...

Neil Bell <neil.bell@sbcglobal.net>, KJ6FBA

I have received my Excalibur! Wow, I am totally impressed. Variable AGC, variable bandwidth, AM, Sync detection, LSB, USB, FM, PSK, etc. Record three stations simultaneously, record a full 2 megahertz of RG and listen later, automatic access to Eibi and HFCC databases, fully variable noise blanker, waterfall displays, optional MW filter, and so much more like great sensitivity. I am a happy camper!

My new Excalibur is one fine radio, the best I have ever used and that includes Icoms, JRC 545, Eton E1 and many others. This Excalibur is a real winner, expensive, but worth it. The sensitivity is great, you can use squelch if desired, set AGC however you like, set RF gain you desire and has three VFOs that can be selected with a mouse click.

I especially I like the continuously variable demodulator band width, passband tuning, the choice of AM, Sync, LSB, USB, CW, FSK, FM, and DRM. Being able to record 3 separate audio channels simultaneously to help in identifying stations at TOH is great!.

Being able to see RF activity across a full 30 MHz with your choice of a waterfall or spectrum display is very nice. In the window called "DDC Window" you can monitor a variable bandsread of 20 kHz to 2 MHz and with a mouse click select whichever one you want to hear.

On top of all of that you can record any RF spectrum up to 2 MHz wide for as long as you like and select frequencies to listen to later on demodulating them as you prefer (AM, SYNC, LSB, USB, etc.).

Amazing technology...

Dan Holtz, WPEOESQ, 1251 West Cedar Loop Street, Cherokee, IA 51012-1566

I have been a SWL since 1966. During that year, Popular Electronics magazine offered to register SWL stations. I was issued the call sign of WPE (zero) ESQ. I suspect the "PE" stands for Popular Electronics, but I don't know.

Do you know if that call sign, or any of us from that era are still valid. Does anyone still use them? There must have been hundreds of call signs issued to others, as well. Are these WPE call letters still valid or recognized?

If not, is there any agency that registers SWLs these days? I would like to use a "valid" registered call sign to identify myself on my QSL cards.

Thanks for any help you may have. Dan, WPEOESQ

Ed Insinger <Edward.Insinger@stago-us.com>, New Jersey

I was checking the Universal website and noticed the E1 was available as follows: SPECIAL NOTE: We have a very limited number of factory reconditioned Eton E1 XM radios. These radios have been checked, include the originally supplied items and carry a one year Eton limited factory warranty.

Also, two new portable receivers are on the horizon: the Grundig S450DLX is due end of September and Sangean ATS-909X for a November release date.

I wonder if Drake reconditioned these and where Universal found stock to buy up? In case you're interested, here's an opportunity! \$339.98 + shipping.

Larry Colton <lcolton1@verizon.net>

Was wondering if anyone could recommend a good SWL antenna. I am currently using an AD-Sloper (60') which is temporarily down due to a tree trimming gig. I have noticed an increase in noise over the last year or so and am not sure if the antenna is the culprit or just conditions in general (I don't seem to recall such constant noise issues in prior years-maybe I am just getting old, hi). Antenna does have paint splatter on it, but don't know if that hurts performance. Anyway, am looking for a possible replacement-not too expensive, lowest noise ratio possible and have room for about 60' max. Any suggestions would be appreciated. Thanks. 73. Larry

Mike Agner ka3jjz@verizon.net Maryland

There are many possibilities here, however the simplest one would be the PAR end-fed. It's only 45 foot long, but you can replace the wire yourself. It has a transformer on one end that you can ground (alternately not) and experiment with to get the lowest noise.

Another possibility is a nice skywire loop. Loops are less susceptible to certain kinds of noise (depending on the environment) and some are good low-angle performers - good for those elusive DX signals...

If you're interested in doing some research, there are LOTS of antenna and loop links in the following wiki articles; http://wiki.radioreference.com/index.php/HF_Antennas and http://wiki.radioreference.com/index.php/Loops#HF_Wire_Loops.

An increase in noise levels can come from so many sources, one can - and it has - written a whole book on the subject. However a good rule of thumb is to get the antenna as far from the house as you can. The rest requires some detective work - sometimes walking about with an old Walkman tuned to an empty AM frequency will serve as a very crude probe. 73 Mike

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

Let me second Mike's observation about the PAR-SWL end-fed antenna. I live in a suburban neighborhood that offers very little room for a long-wire antenna; and there are high-tension power lines right behind our house. The only space I had for an antenna was between our house and the neighbor's house. I tried all sorts of antennas — both wire and vertical. Nothing has worked as well as the PAR-SWL. It is worth every penny. The antenna does not come with a coax lead-in; that needs to be bought separately.

Stephen Ponder <stephen_ponder@sbcglobal.net>, Clear Lake City, TX

I was "reading the mail" this morning at work and saw this in a daily news report that I receive from NASA HQ in Washington, DC. It seems that scientists who have been studying sunspots for the past 20 years or so have concluded that the sun's magnetic field is declining at such a rate that by the year 2016 the face of the sun will be "spotless" and could stay that way for "decades."

<http://news.sciencemag.org/sciencenow/2010/09/say-goodbye-to-sunspots.html>

The article references a climatic phenomenon that I studied about in my Electrical Engineering classes in college called the "Maunder Minimum," the period between roughly 1645 to 1715 where sunspots almost totally disappeared. Temperatures dropped in Europe so much they called it "The Little Ice Age."

Interesting article.

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

Pleased to receive a nice letter verie for mailed report and MP3 CD recording of Bahrain 9745, on follow up. Tnx Jim Evans for v/s, Abdulla Al-Balooshi and addr!! This after to these many years, finally reduced the HIC-VIC gap to zero! They stand at 256 per the NASWA list. My first SW logging was April 17, 1947: HCJB Ecuador. On that date it would have stood at HIC 1, VIC 0. Since the QSL didn't arrive until after I heard my second country, Switzerland that summer, to the very best of my knowledge there has been a gap for the past 63+years -- until today.

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

Don Jensen's recent news that he had narrowed the gap between countries heard and countries verified to zero brings to mind the familiar questions -- what was the first country you heard, what was the first station you heard, and what was your first QSL? I began DXing in the late 1950s with an Allied Radio KnightKit Ocean Hopper. This was the radio that kept you guessing about just where you were in any given band. My first countries and stations were the obvious: Ecuador-HCJB and Australia-Radio Australia. Because I knew nothing about reports, QSLs, or even the existence of radio clubs I sent no reports. Eventually my interest slipped away and did not revive until the early 1970s. My first QSL was dated March 8, 1971 from Radio Sweden. A careful look at the card reveals that it was printed in Finland! That card is the only survivor of my entire 1970s collection. All the other cards, pennants, certificates, copies of FRENDEX, and a priceless copy of volume one of the Collected Writings of Charlie Loudenboomer were lost in the move from Youngstown to Tulsa. It was the only box the movers lost. My next "first" card when I returned to the hobby was from Radio Nikkei and dated January 1, 2005. Musings encourages you to share your own stories about your "firsts."

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

Chuck Felton is, by far, the boatanchor guru. Recently, I sent the I.F. sub-chassis from my R-390A to him for an overhaul. I had replaced about a dozen capacitors in that deck, trying to rectify a problem with audio distortion. It was my hope that yet another mechanical filter hadn't developed a leak to ground.

During the re-capping, Chuck was extremely helpful, graciously providing consultation over the telephone whenever I had a question. However, at the end of the day, all my work was in vain – the problem eluded my best efforts. So, I boxed up the deck and sent it off to Mr. Felton for his expert attention.

Today I received the unit back from him, and I was stunned. It had been cleaned to the extent that it was gleaming, a new 16 kHz mechanical filter had been installed, the other three filters were swept and aligned, two tubes that Chuck had deemed "a bit soft" were replaced, and the deck had been "burned in" to check for other troubles. None were found.

Mr. Felton's work was first rate, and his charge was extremely reasonable. The R-390A is back on line, hot as a firecracker and ready for the DX season!

For the boatanchor enthusiasts in our fraternity, there is no other technician that I would recommend more highly. His work is without peer. Chuck Felton also builds the incomparable "R-390F" receiver (the ultimate evolution of the R-390A), as well as "hot rod" versions of the SP-600, R-388/51-J, and NC-183D. He accepts work on most military, all Collins and Drake, and "better efforts from others". If your boatanchor is sick, contact him – you'll be thrilled to see what that old rig can really do! Chuck Felton KDOZS, Felton Electronic Design, 1115 S. Greeley Hwy, Cheyenne, WY 82007. (307) 634-5858.

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

I was WPE20HK many years ago; actually, I guess I am still WPE20HK if I chose to use those call letters, hi! There was a period of time when call signs for shortwave listeners was quite popular. However, I am not aware of any such program in existence today. Anyone out there who follows these things and can offer any suggestions to Dan Holtz?

It was disappointing to learn from Robert Kipp about the cancellation of Radio St. Helena Day which was scheduled for October 9th. Many shortwave listeners look forward to this annual event. The gang at Radio St. Helena is hopeful about repairing the antenna and making another broadcast in the future. We can only wait and see what happens.

QSL returns remain sluggish after a long hot summer. It seems the pirates are the only stations reliable enough to send out verifications these days. I am beginning to get some new reports out to other stations but not much has come back as yet. I am hopeful that the winter months will yield some good results.


Here is this month's collection of QSL news. Adventist World Radio – Moosbrunn verified with a full data "African Woman Listening to a Portable Radio" from Adrian M. Peterson, DX Editor who also sent along a nice personal note. North American pirate station Northwoods Radio verified an electronic report with a full data picture postcard of presumably the North Woods. Another North American pirate station verifying this month was WEAK Radio. They verified an electronic report with a full data "ancient radio transmitter e-mail attachment card with the operating noting "sorry it took so long to get you this QSL. Finally catching up from being months behind and still have many to send out. Thanks much for writing!" Seventeen days is very good turn around as far as I am concerned! Finally, Trans World Radio – Meyerton verified for a second time with a full data letter from Siklander Hoosen, HF Coverage Planning at Sentech indicating

the transmitter is a 250 KW Brown Boveri, located at the Meyerton Transmitting Station in South Africa, geographical coordinates 26S35 28E08. I always appreciate that little extra bit of detail. Four replies are better than no replies but still I wouldn't mind some "exciting" replies.


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 Facebook Page

Join moderator **Richard Murphy** <richard.murphy@swri.org> at the club's Facebook page which provides members with another way to keep in touch. This group is intended for social interaction between the club members and will not be used to publish loggings, articles, or other materials that would normally appear in *The Journal*, the NASWA Yahoo group, or the *Flashsheet*. While the existence of the group is visible to all Facebook users, the online postings are available only to group members and group members must be NASWA members. Comments and suggestions from the membership are welcome. To locate the NASWA Facebook page, simply enter "North American Shortwave Association" into the search box on the top toolbar. If you are into social media, give it a try. 

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. 

Easy Listening

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

BBC World Service succumbs to UK fiscal woes

With the United Kingdom voting the Labour party out of office, the resulting Conservative-Liberal Democrat coalition has developed new budgetary guidelines necessitating cuts in the BBC World Service budget. Up to this point, the areas within the World Service to be scaled back had not been identified, but this has changed as of late September. English language services will experience programming cuts, primarily in special events. These include the annual special programming surrounding Wimbledon, and special programming aired as part of the Proms classical music festival. Both of these events will be covered by the regular sports and arts programming. Also, the World Service will no longer commission the monthly World Drama program – thus bringing an end to the 75-year-plus legacy of drama on the World Service – for years featured in the *Play of the Week*.

As a consequence of these changes, the World Service will continue to morph into a service emphasizing news, current affairs, and factual programming, with less emphasis on the arts and entertainment. I know some NASWA members won't be pleased, as the programming mix deemphasizes the "British-ness" of the World Service. Years back, programs like *Network UK* and *News About Britain* provided some focus on events and culture within Britain, but these programs no longer exist.

It's still possible to partake of programming that provides a window onto Britain and features comedy and drama – but you'll need some type of Internet connection to get your fill. This type of programming is part of the **BBC Radio 4** domestic service, as discussed last month.

As the World Service has changed its focus to bringing news and analysis to English-speaking countries without a mature domestic media landscape, the needs of

African and South Asian audiences generally take precedent over those of Australasia, North America, and Europe. For example, there's now a live Africa stream on the Africa regional home page: <http://www.bbc.co.uk/worldservice/africa/>. This live stream includes Swahili, Portuguese, French, Hausa, and Kinyarwanda/Kirundi programming in addition to English programming. The only other region to have a dedicated World Service page is the Caribbean – which has a much smaller program offering than the Africa service.

Voice of America new regional programming now available on-demand

The VOA is well-regarded in the English-speaking portion of Africa, and the VOA is seeking to leverage its capabilities to increase its focus on the Middle East and Asia as well. As part of a programming overhaul that saw the end of *VOA News Now* (replaced by *International Edition*), several new regional programs were launched:

Crossroads Asia – 1200, 1300, 1400 UT weekdays

This is an Asia-focused evening news program, with correspondent reports, in-depth news, and analysis. *Crossroads Asia* airs weekdays and is available on-demand.

Middle East Monitor – 1700 and 1900 UT weekdays

This program is an evening news program focusing on Iraq, Israel, Afghanistan, Iran, and other developments in the Middle East. Sports, culture, and music are also featured. *Middle East Monitor* is available on-demand and via podcast.

Daybreak Asia – 2200 and 2300 UT Sun-Thu, 0100 weekdays

This is a morning news program focusing on Asia, along with relevant news elsewhere; *Daybreak Asia* is available on-demand.

That's all for this month! 73 DE Richard 

International Broadcasting

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<http://www.kimandrewelliott.com>

The Broadcasting Board of Governors' first public meeting

On September 17th, the Broadcasting Board of Governors (topmost authority of VOA, RFE/RL, RFA, Radio Sawa, Alhurra, and Radio/TV Marti) held its first meeting observable by the public. This was via webcast, so no members of the public were present in the room to participate. You can see the press release, with link to video of the meeting, here: <http://bbg.gov/highlight.cfm?uid=91>.

Along the right side of the press release are "BBG Implementation Strategies." They are listed below in bold, with my notes about them in normal face.

Enhance program delivery across all relevant platforms.

The problem here is that there are so many relevant platforms. Can U.S. international broadcasting really go forth with equal vigor in all the possible media? Priorities have to be set to correspond with budget and capabilities, and with the preferences of the audience. It's OK for a radio station to have a website that supports the radio station, rather than the site trying to be a separate content provider. Or for a language service of U.S. international broadcasting to become website only, with little or no video and audio.

"Relevant" must take into account whether the platform can get into the target country. Television is popular in East Asia, but many East Asian countries (China is a *big* example) won't allow foreign channels on its domestic cable systems.

Build on BBG reach and impact within the Muslim world.

As the firewall, the BBG must not allow the administration to involve itself in the content of the broadcasting entities. On the other hand, the administration (the National Security Agency in particular) can and does have an input in determining the languages in which U.S. international broadcasting transmits. The languages of Muslim countries are still the flavor of the month.

Help audiences in authoritarian countries understand the principles and practices of democratic, free and just Societies.

Just report the news, and provide current affairs coverage, and the principles and practices of free societies should come across. Care must be taken not to cross the line from reportage to advocacy. It's not really a principle of free societies that government-funded broadcasting entities extol these principles.

Employ modern communication techniques and technologies.

This seems to be code for get rid of shortwave as soon as possible. Shortwave is certainly less popular than it was in previous decades, but its one continuing benefit is that it can get into target countries under adverse conditions, e.g. jamming. One recent example is Somalia, where popular VOA and BBC affiliate HornAfrik was seized by militants. Now shortwave is the only way to get news into Somalia. Modern media are attractive in many ways, but they are often easy to interdict.

Facilitate citizen discourse.

This is a modern, cool term for audience participation. It's not new to international broadcasting. We all remember the mailbag programs on many of the shortwave broad-

cast stations. On Radio Sweden's "Sweden Calling DXers," Swiss Radio International's "Swiss Shortwave Merry-Go-Round," Radio Netherlands' "Media Network," and VOA's "Communications World," much of each program consisted of information, and sometimes audio, sent in by listeners. International airmail was (still is) a wonderful means of communication. Later, listeners used fax and e-mail.

These contributions took some planning and preparation. As such, they were on the whole higher in quality than the tweets and other social media nits that can now be sent with minimal effort.

Engage the world in conversation about America.

This is an interesting one, in that only VOA has the mandate to cover life and events in the United States. U.S. international broadcasting has to be careful not to overestimate the extent to which audiences abroad are fascinated by America. When, in surveys, we ask audiences what the proportions of content should be, they typically respond 30% about their country, 30% about the USA, and 40% about the rest of the world.

Soliciting a "conversation about America" could result in an earful. Is VOA prepared to pass on all the (non-profane) negative comments that might be submitted to its website? Also, VOA broadcasters themselves must not answer on behalf of the U.S. government. For this, they should call on spokespersons of the relevant offices and agencies.

Develop and motivate the workforce to meet the changing conditions of U.S. international broadcasting.

VOA especially has some veteran radio broadcasters who are hesitant or unable to adapt to television and the internet. Engineers also must adapt from radio and shortwave to multimedia digital.

Optimize broadcasting operations.


In USIB-speak, "broadcast operations" consists of studios, control rooms, master control, digital editing systems, recording, storage, and the like. Hardware and software must be tweaked. The problem is that these technologies are changing so quickly.

Preserve credibility and ensure overall programming excellence.

Why is this second to last? "Preserve and protect credibility" should be the first, and separate, implementation strategy. It is Job One for the BBG. "Ensure programming excellence" is enough of a task to warrant its own implementation strategy.

Broaden cooperation within U.S. public diplomacy.

This implementation strategy should be chained to a brick and thrown in the Potomac River. It contradicts the previous one. How can the BBG "preserve credibility" if it is broadly cooperating with U.S. public diplomacy? Public diplomacy has a function separate from, and complementary to, international broadcasting. Public diplomacy officially represents and advocates for U.S. foreign policy. U.S. international broadcasting reports the news and, if it is to succeed, does so objectively and without spin. Sometimes U.S. international broadcasting and public diplomacy will have to take an adversarial stance: the USIB reporter will ask a pointed question, the public diplomacy spokesperson may give an evasive answer, the USIB reporter must then follow up.

Views expressed are my own. More at www.kimandrewelliott.com, posts to which can be "followed" at twitter.com/kaedotcom. 

Shortwave Center

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Shortwave Descends on Switzerland

The B10 HFCC/ASBU Conference

By Jeff White

Our trip to Switzerland began on a troubling note. As the American Airlines flight was about to take off from the Tampa airport, the pilot noted that one of the engines was not accelerating properly. Fortunately, he decided that it would be best to abort the takeoff and return to the terminal. To make a long story short, we ended up arriving in Zurich exactly 24 hours later than planned – on Friday instead of Thursday. The HFCC/ASBU B10 Coordination Conference would begin the following Monday, August 2, and my wife Thais and I had a lot of preparation to do.

However, Switzerland is a very efficient country where everything works like clockwork, and the conference hotel was no exception. The people at the Movenpick Zurich-Regensdorf Hotel had everything under control, and HFCC Chairman Oldrich Cip and Secretary Vladislav Cip arrived on time on Thursday (by train from the Czech Republic), so preparations were well underway by the time we arrived on Friday.

This was the semi-annual seasonal conference where shortwave frequencies were coordinated on a worldwide basis for the B10 (i.e. winter) season which begins on October 31, 2010 and runs through March 27, 2011. The NASB co-sponsored the conference along with our longtime associate member Thomson Broadcast & Multimedia, based in Turgi, about 40 minutes northwest of Zurich. Besides myself and Thais from WRMI, there were several other representatives from NASB members and associate members: Glen Tapley – NASB Vice President -- from WEWN, Jerry Plummer from WWCR, George Ross and Shakti Verma from Trans World Radio, Ken Lingwood and Stephan

Schaa from HCJB, Claudius Dedio and Giuseppe Cirillo of Adventist World Radio, Ludo Maes and Mireya Martinez of TDP in Belgium, and multiple representatives from TDF of France, VT Communications and the U.S. International Broadcasting Bureau. The U.S.-based private shortwave stations attend the HFCC/ASBU conferences as part of the FCC delegation, which was headed by Tom Lucey.

This was not the first time the NASB had sponsored an HFCC/ASBU conference. The first time we hosted the meeting was in Mexico City in February of 2005. The second time was in Punta Cana, Dominican Republic just a year ago in August of 2009. At the closing reception and dinner at the edge of the beach in Punta Cana, sponsored by Thomson Broadcast and Multimedia, Thomson's John White suggested that we consider organizing a future HFCC conference in Switzerland near their plant in Turgi. One thing led to another, and by early 2010 we were planning for the B10 Conference in Zurich.

We were a bit concerned that attendance in Zurich might be low due to the world economic crisis and the fact that prices in Switzerland are among the highest in Europe. But we attempted to keep the costs as low as possible under the circumstances, and the turnout was even higher than expected. The final number of delegates was 112 from about 48 different countries and organizations.

Most people arrived in Zurich – or more precisely in the Zurich suburb of Regensdorf, where the Movenpick Hotel is located – on Sunday, August 1, and the B10 Conference began on August 2. Joseph Troxler, head of Thomson in Turgi, welcomed delegates to Switzerland with a brief explanation

of the country's geography, culture and politics. He explained that Switzerland is a landlocked country geographically divided between the Alps, the central plateau and the Jura mountains. The country has a population of 7.6 million, who are divided into three main linguistic and cultural regions: German, French and Italian, with a few valleys where a little-known language called Romansch is spoken.

Switzerland is a federal parliamentary democracy. "For any change in the constitution, a referendum is mandatory; for any change in a law, a referendum can be requested," explained Josef. "Through referenda, citizens may challenge any law voted by federal parliament and through initiatives introduce amendments to the federal constitution, making Switzerland the closest state in the world to a direct democracy." The presidency is a rotating position which changes every year, and he or she doesn't have a tremendous amount of power. So many Swiss do not even know who the current president is. (It's a woman at the moment.)

From Geoff Spells' official notes about the opening session:

"[Joseph] followed this with a short overview of the structure of Thomson. He said that the main business of transmission was currently integrated into a company organisation called Grass Valley but noted that there will be changes in this structure soon. He also noted that the well known Thomson name is used within an overall company called Technicolor. Joseph then outlined the product range within the four main manufacturing plants. Joseph said that more information would be available during the factory visit to Turgi planned for Wednesday afternoon."

To officially declare the conference open, the delegate from Sentech in South Africa, Sikander Hoosen, was asked to give a few blasts on a vuvuzela - the loud horn that made so much background noise during the recent soccer World Cup in South Africa - which he had brought with him.

At the opening plenary, Sergio Salvatori of Vatican Radio gave details of the technical procedures to be used during the week.

After a coffee break, the actual frequency coordination process began. The NASB sponsored the high-speed Internet service at the conference. The hotel provided a main Internet connection to the conference secretariat room, and a server in the secretariat was connected to a wireless network in the main conference meeting room with the HFCC/ASBU Intranet content. Unfortunately, despite extensive tests of the conference Intranet network during the days prior to the conference, there were serious problems when the approximately 100 laptops began using the network simultaneously. Internet connectivity was sporadic at best. The hotel's technical staff began working immediately with Vladislav, Gerald Theoret of CBC, Sergio Salvatori and other HFCC personnel to try to find the problem. The Movempick chain sent its IT expert to the hotel to work on the matter also. But after nearly four hours of trying to resolve the matter, it was still not working. In order to avoid a major problem, the hotel offered to let all conference delegates connect to its wireless Internet directly, so participants were able to upload schedules to the HFCC's duplicate server in Prague. Vladislav explained that this was not a perfect solution, but it was workable. As an added bonus, delegates were able to access the wireless connection from their individual hotel rooms also at no cost to them. Once the Internet issue was resolved, the coordination process for the rest of the week proceeded smoothly.

The HFCC/ASBU Conference ran Monday through Friday, August 2-6. Most of the meeting consisted of the usual uploading of frequency schedules for the B10 season, processing data, producing "collision lists" and negotiating solutions to the collisions between stations. But on Tuesday afternoon, there was a one-hour DRM session presented by Ludo Maes of TDP, Horst Scholz of Deutsche Welle and Mireya Martinez of TDP. Ludo began with an overview of the DRM Consortium and an explanation of Digital Radio Mondiale's features, benefits

and global receiver strategy. He explained that state broadcaster All India Radio has recently chosen DRM for the digitalization of its vast mediumwave and shortwave network, including the purchase of five new shortwave transmitters and a 500-watt DRM transmitter for 26 MHz trials. Russia also announced the introduction of DRM for mediumwave and shortwave transmissions earlier this year. The Voice of Russia is planning DRM transmissions to the Arab world and Latin America.

Next, Ludo Maes had a presentation about DRM monitoring systems. As he explained, "there are many different systems available for monitoring DRM broadcasts. Each system has its own specific tools, advantages and disadvantages. For incidental, free of charge monitoring, the data on the DRMrx forum will provide the perfect solution. In case a more dedicated, scheduled monitoring is desired, the Theseus, RFmonitor or IBB DRM monitoring systems will certainly fulfill your needs." For more details, you can e-mail Ludo Maes at info@transmitter.org.

The third major part of the DRM presentation was the results of a recent survey of European international broadcasters about multistandard digital radio receivers. Here is Ludo Maes' background to the survey and summary of the results:

"A major issue regarding the success of digital radio is the availability of cheap digital radio receivers. A digital radio receiver can only be produced at a low price if it can be produced in large quantities. A multistandard digital radio receiver (having the major digital standards onboard) can be sold in every country around the world. This allows for mass production and minimizes the risk for receiver manufacturers since they can sell the same receiver in any market. The appearance of multistandard digital radio chipsets is the key.

"The intention of the survey was to find out the opinion of radio broadcasters towards the idea of multistandard digital radio receivers. In this survey, the major European radio

broadcasters were contacted, asking them only 2 questions [Do you support the idea that a multistandard digital receiver would be a good step forward for digital radio to become a success? And, if multistandard digital radio receivers would be available, which standards should be included in your opinion?] Of the 31 countries contacted, 28 responded to the survey. The results of the survey can be useful to the radio receiver and chipset manufacturing industry, as well as to the broadcasting unions and the radio broadcasters themselves. Hopefully this will give confidence to the industry in order to invest in the idea of multistandard digital radio receivers."

The conclusions of the survey: "Broadcasters are very much in favor of multistandard digital radio receivers. All of them find it important to have analogue FM aboard, but analogue MW and analogue SW not too much. DAB+, DRM and DRM+ are considered the most important to be included in a multistandard digital radio receiver, followed closely by DAB and T-DMB. HD-Radio and other digital standards (like wifi-radio, DVB-H and DVB-T) are considered the least important to be included."

Mireya Martinez of TDP gave a presentation about the plan to create a European International Broadcasters Group to promote the use of DRM. The idea is to include broadcasters which transmit programs in six primary European languages - English, German, French, Russian, Spanish and Italian. "All in all," explained Mireya, "English either as a mother tongue or as a second/foreign language is spoken by 51% of EU citizens, followed by German with 32% and French with 28%." The presentation included a list of international broadcasters in Europe and a graphic showing in which of the six above-mentioned languages each of these stations transmits.

For example, 14 out of the 46 European international broadcasters transmit in Spanish. But only one out of the 14 international broadcasters which transmit in Spanish is using the DRM standard. "This means that

there are still 13 potential international broadcasters in Spanish which have the possibility to broadcast in DRM," said Mireya. "The proposed strategy is to get in contact with those 13 international broadcasters and encourage them to broadcast in DRM."

Eleven of the 46 international broadcasters are currently transmitting in DRM: BBC, Deutsche Welle, Radio Romania International, the Voice of Russia, Radio Prague, Polish Radio, Vatican Radio, RTL Luxembourg, Radio France International, Radio Exterior de España and RAI from Italy. Six of these stations broadcast DRM programming in English, five in German, three in French and Italian, two in Russian and one in Spanish.

The Wednesday, August 4, coordination activities ended early so that all of the delegates could take part in a tour sponsored by Thomson Broadcast & Multimedia. Three large buses took the group from Regensdorf to the Thomson plant in Turgi, some 45 minutes away. The delegation was broken up into five groups to visit five different parts of the vast multi-building campus of the plant. The five tour divisions were:

- 1) An overview of antennas and masts and a look at the rotatable curtain antennas.
- 2) An overview of the M2W mediumwave transmitter family, a presentation of the 10-kilowatt M2W transmitter, an explanation of the DRM Skywave product line, and a live demonstration of the new DRM application called Diveemo.
- 3) RF applications for scientific and medical installations, including an innovative RF amplifier system for cancer therapy which is being used in Europe.
- 4) An overview of the Thomson shortwave transmitter line, a presentation of the 250/500 kilowatt shortwave transmitter, and a PSM modulator.
- 5) Historical information about Turgi, presented by recently retired Thomson employee Sally Welter (see sidebar story), whose presentation received applause from the group of visitors.

After the plant tour, the buses left for a castle in Bottstein, a small town just a few kilometers from the German border. Joseph Troxler explained that the Bottstein Castle was originally a fort, back in the days when Switzerland was divided into factions. Nowadays it serves as a hotel, restaurant and banquet hall. As the weather was warm and dry, a pre-dinner cocktail reception was held in the courtyard of the castle. The dinner itself was inside, and was served with local wine produced in the Bottstein area. After a salad, everyone had a choice of veal milanese with noodles, fried salmon with potatoes or Swiss dumplings known as "spatzle" with mixed vegetables. For dessert, there was a Swiss chocolate mousse with pineapple ice cream. For entertainment, Bob Bartz of Far East Broadcasting played a few folk songs on his guitar. Feet were tapping to Bob's rendition of John Denver's "Country Roads, Take Me Home."

Back in Regensdorf on Thursday, the frequency coordination process continued. On Thursday afternoon was the Plenary Meeting. Horst Scholz reminded everyone that the A season conference alternates between Asia and the Arab countries, so the next HFCC/ASBU conference in February of 2011 will be in an ASBU country, although the exact location has not been decided yet. There was also no host yet for the B11 meeting in August of next year.

Geoff Spells reported on ITU working groups, DRM work going on in the CEPT (European Conference of Postal and Telecommunications Administrations), a CEPT report on the future of terrestrial broadcasting, and fears that PLT (powerline transmission) interference on the HF bands could be much worse than currently expected. Gerald Theoret reported on the Group of Experts meeting which took place during the HFCC Conference. The main topic at this meeting was how to deal with future Internet connectivity problems such as those experienced on Monday of this week.

Oldrich Cip reported on the two most recent Steering Board meetings in Prague and Zurich. "We followed up on our discussions in Kuala Lumpur on the future of shortwave

radio and the HFCC," he said. "We've all accepted the fact that there are changes in distribution platforms. But the Internet cannot completely replace wireless radio and TV. There will be a combination. We want to motivate members in initiating this debate and provide facts for those who are threatened with reductions of shortwave broadcasting." Oldrich said the HFCC is going to open a new area of the hfcc.org website called "Broadcasters and Listeners" or something similar.

Oldrich noted that the HFCC global database is the best source of information for shortwave listeners, but the data is still not accurate enough, so steps need to be taken to make it more accurate. He pointed out that a decision was made at the last HFCC/ASBU conference in Kuala Lumpur to continuously update the global database and make it available to the public as of the B10 season. "Our urgent task is to make the database 100% accurate," he said. Organizations will be able to upload their schedule information along with their frequency requirements. There will be details on frequencies, times, languages, antennas, etc. in PDF format.

"Shortwave and Internet will not be fighting each other, but complementing each other," explained Oldrich. "We are facing critical developments in reducing the budgets of shortwave stations. We can't reinstate stations to the 'glory days' of earlier years, but we should maintain them at reasonable levels."

In his review of financial matters at the Plenary Meeting, Geoff Spells reported that the HFCC had a relatively healthy balance of accounts at the end of 2009. "The HFCC is solvent, with a cushion in the bank," he said. This is due to a recent increase in membership fees, and members responding to the economic crisis by paying any past due amounts. For 2010 Geoff said that the financial situation looks OK.

The registration desk at the HFCC/ASBU Conference was staffed by the NASB - primarily by Thais White of WRMI, who was

ably assisted by Judy Tapley, wife of Glenn Tapley of WEWN. Elena Glutz of Thomson Broadcast & Multimedia also assisted on the opening day, August 2.

A popular spot at the registration desk was the NASB display, which featured our 2011 annual meeting which will take place together with the DRM USA annual meeting May 13-16 onboard the Royal Caribbean Majesty of the Seas cruise ship sailing for three nights from Miami to the Bahamas. The meeting is open to shortwave listeners, broadcasters and anyone with an interest in shortwave radio. Conference delegates will enjoy an interesting itinerary which includes stops at Royal Caribbean's private island, CocoCay, and at Nassau, the capital of the Bahamas. The cruise will include lodging, three meals per day at a choice of restaurants, a wide variety of entertainment and transportation. This is a perfect opportunity for delegates to bring along spouses and family members, who will have plenty of activities to keep them busy both on the ship and on the islands.

There will be presentations by shortwave broadcasters from the U.S. and other countries on a variety of topics. Preliminary topics include shortwave broadcasting to Latin America, shortwave listening in the Arctic and a profile of Florida's shortwave stations. Of course DRM developments will be on the agenda as well.

The Majesty of the Seas accommodates over 2700 passengers and around 1000 crew members who come from around the world. The NASB cruise rate of US\$299.00 is guaranteed for those who register by October 27, 2010 with a deposit of \$100.00 per person (i.e. \$200.00 per cabin). The price is per person, based on double occupancy of a standard inside cabin. More information and a registration form are available on the NASB website, www.shortwave.org. Click on "Annual Meeting."

Conference Opening Remarks by Oldrich Cip, HFCC Chairman

Special thanks of all of us go to Jeff White, President of the NASB who has volunteered as the chairman of the preparatory committee and has taken over conference registrations, contacts with the hotel, etc. I hope that Jeff's fancy for the HFCC will stay also after the conference since he is a great writer and we need more content on the HFCC website.

I have only one subject for my usual opening remarks. It follows up on our discussions in Kuala Lumpur and in the Steering Board recently. The talking point is simple, but at the same time quite fundamental: The future of international shortwave broadcasting and of the HFCC.

The programme delivery modes of audiovisual media are becoming more varied and fragmented. The digital delivery – so-called broadband – is widely considered as the leading technology for the future. But there is also other evidence: “Terrestrial broadcasting in many countries is still, and will remain in the future, the main way to guarantee universal access to radio and TV content for fixed mobile and portable devices. No other single platform can replicate these benefits.” This has been the conclusion of the experts of the European Broadcasting Union in a debate on the radio spectrum policy earlier this year. According to that report the maximum benefit for both broadcasters and viewers would be the combination of terrestrial transmissions and Internet with the aim of offering the full range of benefits of both technologies.

Unfortunately there is no such in depth debate yet in international broadcasting. In the present rush to embrace new digital platforms, decision makers have been moving funding from shortwave broadcasting. Yet they are frequently unaware of the properties of the individual platforms and even of the existence and needs of different segments of their audience.

It would be futile to believe that the HFCC alone will be able to keep shortwave deliv-

ery in the forefront of options but we are certainly in a position to provide vital information about shortwave broadcasting and about its merits both for those who will carry on listening to shortwaves in combination with other delivery modes – and to those who consider shortwave listening as their hobby, and also to broadcasters who need facts and information for their effort to keep shortwave programmes on the air.

We decided in Kuala Lumpur earlier this year that the public version of the global database of shortwave broadcasting that we manage will be continuously updated. There is no such unique pool of schedule information anywhere else. We have to see to it that the data are 100% accurate and in a format suitable for listeners.

Broadcast bands are allocated internationally and a programme offered in a shortwave band is in a much more unique position than a programme placed on the Internet where there are huge numbers of stations and other attractions. The availability and quality of shortwave delivery is independent of the number of listeners. New technologies frequently incur additional costs and do not provide coverage in some locations. Shortwave delivery is free-to-air and free of any charges.

Most of our regular and associated members are interested in how shortwave technology develops in the future, and what is the current state of digitization that could introduce such a dramatic improvement in sound quality. We are ready to collect and publish on the web all information that will help create a balanced and stable system of programme delivery where the distribution platforms do not compete but complement each other.

We are ready to promote shortwaves. But our HFCC tools and what we do also determines quality. Very sophisticated collision processing tools are used but some members still keep over-submitting their frequency requirements. This is in conflict with the spirit of co-operation that has been established over the years. We can discuss this further during the Plenary Meeting since the HFCC management believes that now

is the time to take action beyond what we have tried in the past.

And before I hand over to Horst and other board colleagues, and since we are in Switzerland – this is an interesting footnote that arrived to Jeff White from a shortwave listener in Colombia the day before yesterday. Shortwave broadcasting from Switzerland would have been 75 years old yesterday August 1st 2010. Unfortunately it was stopped – I believe quite prematurely – already six years ago. This is one of the reasons why the HFCC needs to widen its scope of activities.

Shortwave Station News from the HFCC/ASBU B10 Conference

Spain – Fernando Almarza of Radio Exterior de España reported that his station is broadcasting in DRM to Mexico and the United States (Ciraf zones 7, 8, 10 and 11) from its relay site in Costa Rica. REE would appreciate any and all reception reports on these transmissions, which are on 9630 kHz daily from 0000-0200 UTC in Spanish. The azimuth is 340 degrees, and transmissions are in the DRM B mode.

USA – The IBB transmitter site in Greenville, North Carolina had been threatened with closure this October. But at the time of the HFCC Conference, it appeared that the possible closure would be postponed until at least sometime next year.

Romania – The National Radiocommunications Company (Radiocom) is offering to sell shortwave airtime from its transmitter sites in Tiganesti and Saftica. Two Continental transmitters – one 100 kilowatt and one 300 kilowatt – can broadcast in both analogue and DRM. Twelve Russian horizontal dipole antennas and a TCI rotatable log periodic antenna offer a number of different azimuths.

Germany – Adventist World Radio has for sale 250 kilowatt, 50 ohm coaxial antenna selector switches. For more information, contact Claudius Dedio at AWR's Frequency

Management Office in Alsbach, Germany (tel +49-6257-9440969).

Ecuador – Stephan Schaa of VozAndes Media in Germany explained that after HCJB dismantled its shortwave transmitter site in Pifo, Ecuador, the equipment was donated to HCJB's German branch. This included a 100-kilowatt HC-100 HF transmitter, two 33-kilowatt Siemens linear transmitters which have been tested by HCJB with four kilowatts in DRM mode, and two 10-kilowatt regional shortwave transmitters, one of which is operating on 6050 kHz. The donation also included antennas and transmission lines. VozAndes Media has a plan to build a new shortwave transmitter site somewhere else in Ecuador within 6 to 12 months, although a site has not yet been located. The plan is to broadcast in German, Spanish and Portuguese, as well as some regional South American languages such as Quichua. Broadcasts will be targeted primarily at Latin America, although there would also likely be broadcasts to Europe in German with the 100-kilowatt transmitter. Some DRM transmissions are planned.

U.K. - London-based World Radio Network is selling airtime on FM networks in Turkey (over 28 outlets in major cities like Istanbul, Izmir and Bursa), Afghanistan (reaching listeners in Kabul, Habat, Jalalabad, Mazar-e-Sharif and Kandahar) and Buenos Aires, Argentina (two stations – one with 30 kW and the other with 60 kW ERP).

U.K. - At the Plenary Meeting, Gary Stanley of VT Communications explained that his company was recently acquired by a company called Babcock in the UK. So VT Communications is now called Babcock, and the company's FMO (Frequency Management Organization) code for the HFCC will be changed from VTC to BAB. They will use VTC through the B10 season, and will begin using the new BAB code as of the A11 season. "It's business as usual for us," said Gary. "The only difference is that at the next conference we'll be in the front of the room!" (Delegations are seated in the meeting room in alphabetical order.)

2010 Pirate Radio Annual

By Andrew Yoder

ISBN: None

Reviewed by Richard A. D'Angelo

Many years ago, George Zeller developed the Pirate Radio Directory that was published by Tiare Publications. In later years it was a cooperative effort between Messrs. Zeller and Yoder. That publication no longer exists. However, the 2010 Pirate Radio Annual seeks to pick up where that effort left off.

The author, Andrew Yoder, has been around the North American pirate scene for many years. Initially as a shortwave listener seeking out unlicensed stations on the airwaves. Later as an editor for the Association of Clandestine Enthusiasts ("A*C*E") which was a hobby club organized around illegal broadcasting activities such as numbers stations, clandestine stations and, of course, pirate radio stations. Eventually, he founded his own pirate newsletter entitled The Pirate Pages which supplied a round up a pirate broadcasting activity on a bi-weekly basis. Finally, Andy became a noted author on pirate radio matters with the publication of several interesting books and a magazine on the subject. Now he is once again providing the shortwave listening community with a lively guide to North American pirate activity in the last year with the 2010 Pirate Radio Annual.

Published by Cabinet Communications, the 2010 Pirate Radio Annual is a soft cover, 126 page book that provides an extensive review of pirate activity in the previous year. This wide-ranging treatment includes both domestic pirate stations and international pirate stations heard in North America.

Pirate radio has long been an interesting and controversial subject. Almost thirty years ago, the Association of North American Radio Clubs debated extensively about whether it was proper to allow A*C*E to become a member of the organization fearing membership would legitimize listening to pirate radio stations. Although those fears were overblown, they nevertheless represented the controversial nature of listening to pirate radio stations on shortwave back in those days.


Today, pirate radio is very much alive and there is extensive activity on the shortwave radio bands on an almost daily. Pirate radio offers a remarkable range of program content. While some of it is produced in a childish and/or amateurish way, a lot of pirate radio listening is quite enjoyable and a little different reflecting the diverse interests of the numerous pirate radio station operators. Some programs are very professionally prepared. The 2010 Pirate Radio Annual provides a look into the stations recently operating on the shortwave bands.

After a two page acknowledgments section, the substance of the book is divided into five chapters with three "sub-chapters". The first is "About the Stations in the Guide" which is targeted more to the newcomer of pirate radio. This is followed by "Tuning in Pirates" which is a primer on equipment and information resources for tuning in pirate radio stations. The first sub-chapter is "QSLing Pirates" which provides mail drop information and updates the reader about electronic QSLs. The next chapter is "Classifying the Stations" along with the sub-chapter of "Judgment" where the author notes that he does not judge any of the stations in his book, even the oddball operation. The core of the book is the next

chapter, "Stations Active in 2009". Here the author provides a description of every operation heard during the last twelve month period including contact information for obtaining QSL verifications. This makes the book a valuable ongoing reference resource manual when tuning the pirate bands. Finally, the last chapter provides a rundown of the international pirate stations heard in "International Stations Heard in North America".

While there are a lot of positives to take from this book, there are some negatives as well. In the chapter entitled Tuning in the Pirates, the author covers listening equipment. For some reason the entire line of high quality Eton portables is left out of the discussion of both new and old gear for tuning in pirates. Equally glaring is the omission of NASWA (monthly log report and weekly Flashsheet) as a source of pirate station news and information. While "Frendx", the name of the bulletin back in those days, is mentioned as a source in the 1980's, the club itself is overlooked when mentioning current resources. Finally, the author mentions web boards as a place for current information but leaves the NASWA Yahoo Group off his list. Perhaps these oversights will be corrected in a future edition of the book.

Despite the shortcomings noted in the previous paragraph, the 2010 Pirate Radio Annual is an excellent book covering the topic of pirate radio listening. If you have any interest in North American pirate radio stations, this book should be in your radio shack. Andy Yoder did an outstanding job compiling and presenting the information. The information about station operations, format and contact information are valuable resources to have at your fingertips when searching the bands for pirate radio transmissions. In addition, the book features an audio CD of 75 different pirate stations. The final five pages provide the details of the tracks on the CD. The CD makes for some outstanding listening providing ID material, theme music and selections of programming to provide the reader with a nice handle of how these stations operate.

Printed July 2010, the 2010 Pirate Radio Annual is hot off the presses. I got my copy from Universal Radio, Inc. (www.universal-radio.com) in Reynoldsburg, Ohio where it lists for \$14.95 plus shipping. Universal Radio usually has a fall book bonanza where cover prices are reduced so that may be a great time to order your copy. This book is recommended for anyone with an interest in pirate radio stations broadcasting or heard in North America. 

RHODESIA BROADCASTING CORPORATION



TO:

NAME

ADDRESS:

YOUR Q.S.L. CONFIRMED:

DATE: _____

FREQ: _____

SERVICE: _____

SIGNED: Bo'Brien

Listener's Notebook

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

Times are UTC and frequencies in kHz.

ABKHAZIA 9535, *Abkhazia Radio*. Almost daily is on the air 0400-approx 0505 (till 0455 under REE in SS) and on Mondays, Wednesdays and Fridays 0700-0800 in Abkhazian and 0800-0810 in RR is Abkhaz Radio. Usually from 0810 for a couple of minutes is Avto Radio (Russian private FM radio) heard and cl/d. Observed 15-22/8. More prgrs there are on MW 1350. (Pankov/ARDXC)

ANGOLA 4949.47, *R. Nacional Angola*, Mulenvos. Nx bulletin in PP 2228, 26/7. (Ireland-M) 4950, *R. Nacional de Angola*, Mulenvos. Just audible with lively Afro song and excited PP anns at 2102 on 7/8 (Allen-B). Wk but fair in Portuguese 2147 on 3/8 (Hellyer). 2128, Portuguese, near local level with 'Carnivale' type of program; up-tempo music with equal presentation by male announcer, who was putting listeners on-air. Full audio here but only a whisper on the much weaker 7217v. 21/8 (Sharp/ARDXC) *Radio Nacional de Angola* is being heard most evenings, generally on 4949.7. However on August 10 at 2356 they were on 4950 and seemingly only in AM/LSB as I couldn't detect an upper sideband. Time pips at midnight followed by what probably was the news. Poor copy at only SINPO 23321. On August 20 at 2340 they were on 4949.7 with sidebands audible, songs and a talk mentioning Luanda prior to time pips and *Radio Nacional* identification, SINPO 24322. I have heard the station around 2340 on this frequency on other occasions. (Arthur Miller, Llandrindod Wells/WDXC)

7216.7, *Radio Nacional de Angola*, Mulenvos. 2007, presume this is the open carrier that's throwing a strong het against 7215. No carrier noted on 4950v kHz, 2/7 (Sharp) Fair strength, able to make out hi-life mx, not //4950, 2308 on 26/7. (Seager-M/ARDXC)

ANTARCTICA 15476.0, *LRA36* (presumed), 1443, September 2. In Spanish, pop songs; better reception than recently heard, but still poor; still going at 1503, but did not hang around for their sign off. (Howard/NASWA Yahoo Group)

AUSTRALIA Had some recent dealings with Craig Allen (Sydney), who holds broadcast licenses for both 2355 & 3210, and whilst he hasn't ruled out operating on these

frequencies in future, my take on it would be that there is nothing on the near horizon. He still has the SW transmitter, and the original intention was to employ DRM technology. He did give me a nifty Galcom solar powered fixed frequency radio (for 3210) and suggested that I should fire it up from time to time just in case. (Craig Seager/ARDXC)

2310, *VL8A* Alice Springs, NT 1213-1230 Aug 24. YL host with guest YL musician (didn't catch her name) chatting about her music and played two of her songs. // 2325 and 2485, all three freqs at stunning level at 1215 peak, best reception of these in a long time. (Wilkins-CO/DXplorer)

2368.5, *R. Symban*, Leppington. Good with Greek music and announcements at 1025 on 14/7 (Adams). Excellent for Gk 1926 on 8/7 (Hellyer). Up-tempo Middle Eastern mx 0835, strong 26/7 (Ireland-M). Very good signal here through local daylight hours, GK mx 0345. Txer supposedly re-sited recently, 10/7 (Seager/ARDXC)

BAHRAIN 9745, *Radio Bahrain*, 2357-0045, Sept 8-9, reduced carrier USB. Audible after Radio Romania sign off at 2357. Presumed with local Middle Eastern music. Middle Eastern pop ballads. Arabic talk. Fair to good at tune-in. Deteriorated to weak level by 0045. Thanks to Richard D'Angelo tip. (Alexander/NASWA Yahoo Group) Pleased to receive a nice letter verie for mailed report and MP3 CD recording of Bahrain 9745, on follow up. Tnx Jim Evans for v/s, Abdulla Al-Balooshi and addr!! (Don Jensen/NASWA Yahoo Group)

BELARUS The *Radio Station Belarus* will start broadcasts in French and Spanish on 1 September, bringing the total number of foreign languages available to seven, BelTA learned from Belarus Interior Minister Vladimir Naum Galperovich, Senior Director for the Central Office for Overseas Broadcasts of Belarusian Radio. The radio station Belarus also broadcasts in Russian, Belarusian, Polish, English, and German. The radio station Belarus' broadcasts are available on short and medium waves, FM waves in more than 20 European countries as well as online broadcasts, including ten hours of webcasts in English. With the broadcasts now available in Spanish and French, Naum Galperovich expects the number of listeners to rise. The radio station Belarus also signs agreements with

foreign radio broadcasters to increase the number of listeners. In particular, Belarus' broadcasts were made available in Germany as of 1 January 2010 via the radio station Radio-700 and in Bialystok as of 1 July via the Polish Orthodox radio station Ortodoksja. Belarusian news is sent to the European portal of the European Broadcasting Union. The EBU's top ten includes Belarusian news, said Naum Galperovich. In the future the radio station Belarus plans to establish and enhance ties with radio broadcasting authorities of other countries. Negotiations with China Radio International are in progress, too. (Belarusian Telegraph Agency/Slaen-DXplorer)

BOLIVIA 3310.02, *Radio Mosoj Chaski*, Cochabamba. 1140, Spanish, weak but readable with chatter, Andean flute music bridges (similar to "El Condor Pasa"), reference to "Cochabamba." 14/7 (Sharp). Fair w/rustic vocals & anncts. 1100 on 26/7 (Seager-M/ARDXC)

4699.98, *R. San Miguel*, Riberalta, 1113, Spanish, very good with talk, time check (2 mins fast against WWVH), mensajes, "Radio San Miguel" ID. 14/7 (Sharp). Up-tempo Andean mx w/equally up-tempo announcing in SS, 0923 26/7 (Ireland-M) The pick of the Latins this night, SS nx 1102, lots of mentions of Bolivia, 28/7. (Seager-M/ARDXC)

5952.46, *Radio Pio XII*, Siglo Veinte. 1155, Spanish, tentative, sandwiched between two very strong stations, CRI on 5955 and some other station I didn't bother to ID on 5950. But still partially readable in LSB with discussion. 14/7. (Sharp/ARDXC)

BRAZIL 4915, *R Daquí*, Goiânia, GO, 2110-2130, Aug 28, Portuguese ann with many IDs: "A Radio Daquí", "Radio Daquí, 11830", "Jornal Daquí", advs, not heard Aug 29. QRM from R Difusora, Macapá 4915. Cf. 11830. 23322. (Méndez/DX Window)

4915.00, *R Difusora*, Macapá, Amapa, 2120-0610, Aug 26, 28 and 29, Portuguese ID: "Rádio Difusora", "Rádio Difusora informa a hora, 2 horas 3 minutos", "Rádio Difusora AM, a sua radio", "Rádio Difusora AM, 4915 kHz, onda tropical, Rádio Difusora, Macapá, a su voz", Brazilian songs, talk and sports report, pop singers in English - a rare event on Brazilian stations! 45333. (Méndez, Mille and Petersen/DX Window)

4974.8, *R. Iguatemi*, Osasco SP, 2145-2201, 19 Aug'10, stn phone-nr. info, talks, A Voz

do Brasil at 2200; 34432, QRM splatter de B 4985, the same that often pests reception of Suriname's R. Paramaribo 4990. (Carlos Goncalves-POR, wwdxc BC-DX TopNews Aug 25)

5055, *Rádio Jornal A Crítica* has reactivated. "A Crítica FM" relay heard August 3 at 0323-0530 with a nice signal. (Karel Honzik, Czech Republic, Hard Core DX) Karel taped a clear identification, Radio Difusora Caceres has also been heard on this frequency, for example Scott Barbour in NASWA Flashsheet reported them on August 2 0142-0204, pops and ballads, occasional announcements and identification, jingle and a couple of ads at 0201 then back to the music. (Mike Barraclough/WDXC)

6080, *R. Marumby*, Curitiba PR (true location?), 2219-2232, 20 Aug'10, A Voz do Brasil until 2300, ID+fq announcement at 2302, webpage info, political propag.ampaing; 44433. (Carlos Goncalves-POR, wwdxc BC-DX TopNews Aug 25)

9665.45, *R Voz Missionaria*, Camboriú, SC, 2123-2135, Aug 28, hymns, talk, ID: "Voz Missionaria", "Rádio Voz Missionaria", 24322. (Méndez). Also heard at 1002-1015, Sep 02, Portuguese religious comments. The male sounded like the preacher named David Miranda heard on R Victoria, Peru in the mornings. Later a female joins in the activities. Signal was poor with noise. (Bolland/DX Window)

11805, reactivated and heard in Portugal *Radio Novo Milenio* 104.9 FM (www.fm104.9fm.com.br) is a station of the Group Igreja Deus Ef Amor. E-mail radionovomilenio@hotmail.com; postal address: Rua Sao Luis 12-17, Bairro Centro, CEP-19470-000 Presidente Epitaco SP, Brazil. The frequency has been sold 2 years ago by Radio Globo. (Concalves/PlayDX) 11805, R. Novo Milenio (actual name?!, not SRDA?), Rio de Janeiro RJ, 2129-2151, 31 Aug'10, IPDA px, // SRDA fqs, A Voz do Brasil at 2200; 24432, adj. QRM, deteriorating till becoming barely audible at 2145, stronger adj. QRM at 2200. Check <http://br.groups.yahoo.com/group/radioescutas/message/57147>. Ifm actually listening to it as I compile this end August rpt., and no ID heard whatsoever, just plain IPDA propag. // to their other outlets; also audible end afternoon today ... with the same menu. (Carlos Goncalves-POR, wwdxc BC-DX TopNews Sept 1)

CANADA 6160.01, *CKZU*-Vancouver. 0801, CBC news, with several mentions of "Toronto." In the clear and with no het, so

presume (only for geographical reasons) that this is Vancouver. HOWEVER, the grey line at this hour favours BOTH St. John's and Vancouver. 7/7 (Sharp) ID as "CBC Radio 1" 0830, then magazine px, including item about the Zombie movie "Night of the Living Dead", 29/7. (Seager-M/ARDXC)

CENTRAL AFRICAN REPUBLIC 5035.6, *Radio ICDI*. 1731, presumed, French, talk, clear mentions of "Centrafricaine." Under heavy CODAR QRM. 26/6 (Sharp). Station here, weak in FF 1825, talks. Some discussion as to which station is active here, ICDI or R. Centafricaine. I can't say definitively, mirroring David Sharp's comments elsewhere, but would favour the government station. One thing for certain, this is not the 100 KW unit previously used here, 29/7. Additionally, my measurement may have been out, but I thought it closer to 5035 this day. (Seager-M/ARDXC)

7220, *Radio Centrafrique*, Bangui. 1828, French, really pleased to hear this one, and at a good level (averaging S9+30dB), with talk (news or similar) with several references to "Bangui." First time heard, after several days of trying. 5035 (presumed R. ICDI) also in, but threshold. 6/7. (Sharp/ARDXC)

CHAD 6165, Chad is back during the evening. First noted with national anthem at 2230 on August 13. At 2158 August 19 I heard the distinctive balafon interval signal followed by a talk, closing announcements including an identification and the national anthem heard at 2227 recheck. SINPO 33433. Radio Tirana is on the frequency at 2100 prior to which Hrvatski Radio is on 6164.5. (Arthur Miller, Llandrindod WellsWDXC)

7120, *R Dif. Nationale Tchadienne*, Gredia, N'Djaména, 1617-1731*, Aug 10, vernacular reports from various African countries with African folkmusic bridges between items, telephone reports, 1700 two Gongs, ID and news, economic reports - transmitter was off 1704-1705. Reactivated! S 8-9. (Schulze/DX Window)

CHINA 4940, *Voice of Strait*, 1500, September 19. During the summer I was unable to hear them this late. Tuned in today expecting to find the usual Sunday only program in English ("Focus on China") from 1500 to 1530, but it was not on! What happened? I last reported on this program back on April 11. Today heard pips; normal IDs in Chinese and English ("This is the Voice of the Taiwan Strait News Radio"); into program of traditional Chinese music;

fair reception. Needs monitoring to find out what the new schedule is. (Howard/NASWA Yahoo Group)

5050, *Voice of Beibu Bay*, Nanning. Soft and noisy in Vietnamese with pleasant musical selection and talk 1536 on 10/7 (Hellyer). Contemporary mx 1030, then anncts. in CC, 26/7 (Ireland-M). Good reception of a CC song before time pips, CC anns, and EE ID as "BBR Radio" at 1100, 28/6. (Allen/ARDXC)

CLANDESTINE 5910, *Shiokaze/Sea Breeze* via Yamata, *1400-1430*, 8/27/10 (Friday). In English; usual segments of "Today's News Flash" and "Today's News on North Korean Issues". IDs "This is Shiokaze Sea Breeze from Tokyo, Japan". Poorer than usual due to moderate jamming. They have added a new segment; at 1425 heard "This is a message from the Japanese Government"; "The Japanese Government will surely bring all the abductees back home"; the government will be broadcasting (every night?) a program in Japanese and Korean "with a frequency band of 9000 kHz.". This announcement followed by Shiokaze's normal canned sign off announcement. On Wednesday (8/25/10) was in Korean, not the normal English programming. (Ron Howard/NASWA Yahoo Group)

6135 (ex: 5910), *Shiokaze/Sea Breeze* via Yamata, 1410, September 1. Back to their usual schedule of English on Wednesday; their former 5910 was in fact heavily jammed today, which is why Shiokaze made the move; no "message from the Japanese Government" segment today. This now causes a half hour of heavy QRM for Madagascar on 6134.9v. (Howard/NASWA Yahoo Group)

6297.1, *R Nacional de la República Árabe Saharaui Democrática*, the Polisario Front clandestine from just across the border in Tindouf, Algeria, noted 2244 to past 2303 on August 7, not heard for several weeks, good signal here with continuous African music, SINPO 44433 and good modulation. (Mike Barraclough/WDXC)

9490, *Democratic Voice of Burma*, 2330-0030 9490 WER Burmese. (R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Sept 7)

13730, *Radio Dabanga*, 1530-1725 WER Arabic. (R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Sept 7)

15225, *Save the Gambia Democracy Project (STGDP) Baati Rewmi Radio/Voice*

of the Country via Nauen, Aug 28, 1820-1830. Transmission to West Africa in Fula/Wolof/English. At 1825 ID in English and talk by male in vernacular, local song, 44444. (Arnaldo Slaen, Argentina/DXplorer)

15410, **Radiyo Y'Abadanga Ababaka** via Issoudun, Aug 28, 1750-1800, transmission to East Africa in Swahili, report by male, 24422. (Arnaldo Slaen, Argentina/DXplorer)

Mugabe regime resumes jamming SW Radio Africa broadcasts: Robert Mugabe's regime has resumed jamming news broadcasts from SW Radio Africa, despite the existence of the coalition government with the MDC, that is supposed to guarantee freedom of expression. On Wednesday evening the first half hour of our broadcast featuring Newsreel was drowned out by a heavy noise, sounding like a slow playing record. SW Radio Africa listeners told us that soon after the news ended the jamming noise stopped and the rest of the broadcast featuring current affairs programming could be heard clearly. Information Communication Technology Minister Nelson Chamisa told Newsreel he was not aware of the jamming.

While the initial jamming in 2005 was done when Zimbabwe was under the sole rule of Mugabe and ZANU PF, the situation is now different and, in theory, we have a unity government where responsibility must be shared by the MDC. (Lance Guma, SW Radio Africa)

CONGO 6115, **Radio Congo**, Brazzaville. 1812, French, ID, into hi-life. Not the usual news program I've come to expect at this time. Best in LSB, with someone about 300 Hz on the high side (though this one seems to be very close to nominal). 2/7. (Sharp/ARDXC) 6115, R Congo, Brazzaville, 1850, Aug 12, talk in vernacular, advs or upcoming events, switch into French, great local music clips, good. (Bell/DX Window)

6209.84 **Radio Kahuzi**, Dem Congo. 1924, tentative. Someone here, but only threshold, with talk by a woman in Afro-sounding language. Prior logs of this, sometime ago, had the frequency closer to 6209.99. 23/7. (Sharp/ARDXC)

COSTA RICA 5954.22v, **ELCOR** (Radio República relay), Guápiles. 2139 tune-in August 26, 2010. Programming already in progress. Big signal increase at 2151, ID at 2153, and Cuba jammer up seconds later. On August 27: excellent level 2121, off at 2128 recheck. On August 28: carrier up at 2100:15, Radio República programming up at 2100:23, abruptly off 2121, back on 2122,

off again at 2135 and never returned. Cuba jammer up at 2158. On August 30: 2155 programming in progress, jammer up at 2158. Seemingly a second pulser jammer joined at 2159. So, República relay is currently up at 2100 daily — albeit with lots of transmitter breaks — before the jammer(s) are up. Well, that will be checked once Arnie reads this. (Krueger/DXplorer) 5954.22 / 5955 **CLANDESTINE ELCOR** (Radio República relay), Guápiles vs. CUBA jammers. Well surprise, surprise. It only took a few hours after my dxldy post was read by Arnaldo & Company, and the hour of unjammed República is no more. Tune-in 2139 check on September 11, 2010 found the jammers grinding away on 5955, with the ELCOR transmitter barely audible on the usual 5954.22. I wonder what would happen if, say a US clear channel MW was falsely reported as carrying República? Would Cuba blindly initiate jamming? Could be a fun game for all. (Krueger/DXplorer)

CZECH REPUBLIC Radio Prague Mailbox August 15 said that they broadcast in DRM twice a week in English and German via Rampisham between 2006 and 2009. However, due to the budget cuts earlier this year, the broadcasts were discontinued and there are no plans at the moment to reinstate them. (Jonathan Murphy/WDXC)

DIEGO GARCIA 4319 USB, **AFRTS** feeder, Diego Garcia, 1726-2210, Aug 11, 12, 13, 14 and 16, English public service ann and money advice show into NPR's "All Things considered", jazz music, 2200 NPR news, 42442 CWQRM. (Bell, Mille, Muick via HCDX, Petersen and Wilkner/DX Window)

ECUADOR 4814.95, **Radio El Buen Pastor** noted 2340 on 3 September, troubled by ute, narrow filter to tune. (Wilkner/NASWA Yahoo Group)

Stephan Schaa of VozAndes Media in Germany explained that after HCJB dismantled its shortwave transmitter site in Pifo, Ecuador, the equipment was donated to HCJB's German branch. This included a 100-kilowatt HC-100 HF transmitter, two 33-kilowatt Siemens linear transmitters which have been tested by HCJB with four kilowatts in DRM mode, and two 10-kilowatt regional shortwave transmitters, one of which is operating on 6050 kHz. The donation also included antennas and transmission lines. VozAndes Media has a plan to build a new shortwave transmitter site somewhere else in Ecuador within 6 to 12 months, although a site has not yet been located. The plan is to broadcast in German, Spanish and Portuguese, as well as some

regional South American languages such as Quichua. Broadcasts will be targeted primarily at Latin America, although there would also likely be broadcasts to Europe in German with the 100-kilowatt transmitter. Some DRM transmissions are planned. (September 2010 National Assn. of SW Broadcasters Newsletter/Jerry Berg-DXplorer)

ETHIOPIA 6090, *Voice of Amhara State, Geja Jewe*, Addis Ababa, 1605, Aug 15, talk in Amharic, ID at 1621 with frequencies in kHz and MHz followed by music clips, fair. (Bell/DX Window) 6090, Amhara State Radio (tentative), *0257-0315, September 1. Open carrier noted 0238; on with IS; African music; 0301 brief announcement, but unable to make out language; more African music; reciting from the Qur'an; Anguilla off the air; difficult to measure frequency with QRM from an unidentified station, but seemed lower than 6090.0. Per feedback from Brandon Jordan, I probably heard both Kaduna and Amhara mixing together, as he has heard reciting from the Qur'an via Nigeria in the past, but not via Ethiopia. Thanks for your expert help Brandon! (Howard/NASWA Yahoo Group) 6090, Amhara State Radio, *0256-0330, Sept 3, sign on with IS. Talk in unidentified language at 0300. Local flute music. Rustic local music. Anguilla 6090 off the air. Weak at sign on, but improved to a fair level by 0315. Overall poor signal though with QRM from Nigeria. (Alexander-PA/NASWA Yahoo Group)

9704.2, *R Ethiopia*, Addis Ababa, 0400, Aug 09, time signal, talk in vernacular. Good. (D'Amico/DX Window)

GERMANY Lutheran World Federation Voice of Gospel

1330-1345 15160 NAU Burmese Mon-Sat
1330-1345 15160 WER Burmese Sunday
1830-1900 9655 WER Fulani (R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Sept 7)

6005.00, *R 700*, Kall-Krekel, 1650-1700*, Aug 26, Herrliche Deutsche Schlagern, German ID: "Sie hören Radio Sieben Hundert", weather, news, traffic, QRM 6000 Turkey (p) until 1658*, 44444. But R 700 surprisingly signed off at 1700* leaving only BBC Seychelles audible on 6005. (Petersen). Christian Milling, the chief engineer of Funkhaus Euskirchen, tells Aug 20 that there are a lot of reduction of activities in the SW schedules of 5980 and 6005. According to WRTH Update, 6005 is now scheduled 0700-1700 daily German Summer time. (Bueschel/DX Window)

6140.00, *R Mecklenburg-Vorpommern Baltic R*, via Wertachtal, *0900-0910, Su Sep 05, Fanfare, ID by Roland: "Hier ist MV Baltic Radio auf 6140 kHz". E ID, web address, 6th Birthday transmission, Birthday song in English, 55555. (Petersen). Scheduled 1st Su of the month 0900-1000. R Gloria International on the 4th Su. (Taylor, Sep 04/DX Window)

GREECE Listened to *Voice of Greece* Sunday 8 August at 1305 on 15630 and 9420. No sign of the scheduled English programme "Greek in Style" today. However there was an enjoyable programme of non-stop traditional/typical Greek music, with canned identifications playing instead - so I stayed with the broadcast anyway. (Alan Roe/WDXC)

GUINEA 4899.99, *Familia Radio*, Guinea. 2017, fair with talk by lang woman, weak with low modulation. Conveniently sandwiched between over-the horizon radar (wrecking 4820-4890 and 4930-5000 kHz). 13/8 (Sharp/ARDXC) 4900, presumed logging of Radio Familia at 2352 on August 22. The programme consisted of a talk in French over irritatingly repetitive music with a flute dominant. This continued to 0005 close. Ear splitting atmospheric noise rendered intelligibility impossible, SINPO 23131. (Arthur Miller, Llandrindod Wells/WDXC)

7125, *R Guinea*, Sonfonia, Conakry, 1955-2258*, Aug 08 and 09, African songs, talk in mix of vernacular and French, abrupt s/off, 33323. (Bell and Mille/DX Window) 7125, R. Guinee, Sonfonya, Conakry, 2218-2233, 13 Aug'10, French, natl. news bulletin Journal de la Nation; 45423. It's been quite irregular, particularly during day time. (Carlos Goncalves-POR, wwdxc BC-DX TopNews Aug 25)

GUATEMALA Greetings to all friends of *Radio Truth (Radio Verdad)*. May I inform you that we started to broadcast on short wave today at 1:30 p. m. (Guatemalan time) [1930 UT]. These are temporary transmissions, with only 50 watts power. We are using a very small transmitter. We'll appreciate your reports of how you receive our signal. Send your report to: radioverdad5@yahoo.com or to Apartado 5, Chiquimula, Guatemala. Referring to our large transmitter, it is already on function, but we are waiting for Eng. Ralph Borthwick to come from Canada, for completing its repair, by the middle of October, and be able to come on the air with our full power again. God bless you. (Dr. Édgar Amílcar Madrid, Manager and Director, Radio Verdad)

via Glenn Hausr-DXLD/NASWA Yahoo Group)
Noted in Wyomissing on Sep 21 around 0300
with decent signal for only 50 watts - RAD.

GUYANA 3290, Voice of Guyana, Sparendam, 0830-1000, Aug 17, 19, 20 and 21, religious, vocalist soprano, pop rock and Caribbean music, greeting sent to several individuals, 0940 "Lord Jesus Christ...in Jesus Name..", music from India, at 1000 talks, but it is too muffled to comprehend, poor. In the past used to broadcast funeral ann (Like some East Caribbean stations. (Ed)) and "call names" which are no longer heard. (Bolland and Wilkner/DSWCI)

INDIA 4760, AIR Leh, noted back on air, *0224-0359*, Aug 10 and 11, Signed on with Vande Mataram followed by instrumental music, 0230 Samachar Prabhat (Hindi news) with Vimlendu Pandey, 0244 English news with Gaura Lal relayed from Delhi, 0300 Ladakhi songs, 0319 discussion in Urdu followed by local news, 0310 and 0335 ID "Radio Kashmir", ann in local dialect, 0340 Hindi movie songs.....first one was from movie Aandhi, weaker than before, at times barely audible. Also heard at *0130-0400*, Aug 18 and 19, Ladakhi songs; back on usual schedule. Also heard at 1628-1700*, Aug 10, panel discussion up to 1628, followed by instrumental music, at 1635 report on CWG, interview with PT Usha. Meanwhile came to know, that there is no damage to the antenna towers and the building housing the transmitter and studio. This concrete building came up after the old wooden one was gutted by fire in 2002. However some small structures inside AIR Leh have been damaged. Two AIR officials from Delhi were rushed to Leh to restore satellite connectivity. It was missing on Aug 14. (Gupta/DX Window)

4775.00, **AIR Imphal,** 2347-2353 and 2358-0120 fade out, Aug 30-31, Sep 02 and 05, local songs and vernacular ann, at 2353 the audio was replaced by a tone, but returned with ordinary programme at 2358 with AIR Interval signal, Vande Mataram hymn, vernacular ann and songs, 35333. (Petersen/DX Window)

4800, **AIR Hyderabad,** *0020-0040, Sep 05, AIR IS, ann: "Vande Mataram", hymn played, Telegu(p) ann, drums and song, 0030 Hindi and 0035 English news from Delhi about hostages, World Cups play in Shanghai, 44444. Voice of China had still nearly faded out at this hour here during our summer. (Petersen/DX Window)

4830/ 5965, **R Kashmir,** Jammu, has been off SW for several years now. The good news

is that they may be back on air. According to information in AIR website www.allindiaradio.gov.in AIR has floated tenders for their spares last year. More info on this is in: <http://allindiaradio.gov.in/NIT/Central%20Store/16-9-09---11.pdf>. (Jacob/DX Window)

4950.00, **R Kashmir,** Srinagar, 2255-2320 and *0025-0035, Aug 31, Sep 02 and 03, Kashmiri (presumed) ann, local Muslim songs due to Ramadan, preaching in a Mosque, 0025 AIR IS, Vande Mataram hymn, ann mentioning Kashmir, sitar and drums, 0030 instrumental music and comments, 45434, later heterodyne from Angola. (Petersen/DX Window)

4960/5985, **AIR Ranchi** has been off SW for several years now. The good news is that they may be back on air. According to information in AIR website www.allindiaradio.gov.in AIR has floated tenders for their spares last year. More info on this is in at these websites: http://allindiaradio.gov.in/NIT/Central%20Store/06112009_3346.pdf and http://allindiaradio.gov.in/NIT/Central%20Store/06112009_3373.pdf. (Jacob/DX Window)

5040, **AIR Jeypore,** 0135-0245, Aug 15, Independence Day special broadcast, but distorted audio! Earlier they used to be very clear. They are noted off air on 6040 also. (Jacob). Also heard in Kabul at 0028, Aug 20, Hindi with music. Modulator shot. Beautiful carrier, but modulation distorted and unable to provide enough power to completely modulate the signal. Strong carrier, no QRM, but moderate fading. (Muick via HCDX/DX Window) 5040, AIR Jeypore back on air. Noted this evening with excellent strength when checked at 1445 UT. Good to see the audio modulation problem solved. (ashok_satpathy-IND, DX_India Sept 8/TopNews)

INDIA (Kashmir) 4950, R Kashmir, Srinagar with special Ramzan broadcasts noted: The Muslim month of fasting has commenced with the sighting of the Ramzan crescent. The first day of fasting started on Aug 12, 2010 (IST). As usual R Kashmir, Srinagar was noted this morning at *2215-2256*, Aug 11 UTC (3.45 am to 4.26 am, Aug 12 IST) with the special broadcast for Ramzan as follows in Kashmiri(?) consisting of Tuning signal, sign on announcements, Koran chanting, prayers, songs, talks and advertisements, 444 // 1116 MW which was very faint with co-channel interference. These special broadcasts will continue for one month till Ramzan festival around Sep 10, 2010.

However timings will vary slightly from day to day. (Jacob). Heard at 2213 with AIR IS, *2215-2250, Aug 12, 13 and 16, opening muslim greeting in Kashmiri (p), Ramadan programme with native chanting by a man often praising Allah with audience replying, without music. In 2009, sign on was at *2245. 44344 Heterodyne from Angola. (Otávio and Petersen). Also heard on ordinary schedule at 0125-0135, Aug 12, Kashmiri(p) news, Hindi ann, talk; heterodyne, 34333. (Petersen) and 1656, Aug 09, talk in vernacular, good. (D'Amico/DX Window) 4950, R. Kashmir (tentative), 1341, September 5. Briefly heard under Voice of Pujiang; non-stop chanting/singing; rare that I hear this. (Howard/NASWA Yahoo Group)

INDIA (Sikkim) 4835.0, *AIR Gangtok*, 1239, September 15. As Jose Jacob (India) has reported in dx_india yg, they did in fact return to their former frequency, but it only last for one day. September 16-18 they were back on their recent off frequency of 4837.19. Poor reception. Rather strange that they could only get it right for one day! (Howard/NASWA Yahoo Group)

INDONESIA Start of Ramadan was quite disappointing, no additional stations heard and only some of the ones reported earlier heard in period Aug 12-15. (Werdin/DX Window)

3325, *RRI Palangkaraya*, fade in 1100-1600*, the most reliable of them all; also heard local morning at 2200. (Werdin). Also heard at 1540-1609*, Aug 15, local songs, callers chatting to studio host, Song of the Coconut Islands at the top of the hour. Just before sign off at 1609 male speaker clearly mentioned Palangkarya, fair. (Bell/DX Window)

3976, *RRI Pontianak*, only once positively heard 1215-1445, Aug 12, heavy QRM from appr. 3980 which sound like a flock of WWII-Bombers. (Werdin/DX Window)

4604.93 *RRI Serui* not heard since Aug. 11. Gone for good, it looks like. (Wilkins-CO/DXplorer)

4870, *RRI Wamena*. Talk in Indonesian, advertising services. followed by upbeat mx 1000, 26/7 (Ireland-M). Just audible here with an Indo talk at 1047,28/6 (Allen). Fair 1026 w/II talks & interview. Regular of late, 26/7. (Seager-M/ARDXC)

4925, was very pleased to hear *RRI Jambi* at 1825, lovely ID at 1830 on with music for Ramadan. Good audio and strength. So the

TXer is in good shape altho note heard on the regular skeds for some months now. At the same time also hard 3325 RRI Palankaraya similar format. (G. Victor A. Goonilleke 4S7VK./DXplorer)

7289.83, *RRI-Nabire*. 0758, easy listening Indo vocals, talk at 0759, then a few seconds of "SCI" prior to 0800 RRI news. 30/6 (Sharp) Very good w/Jakarta nx 0803 t/in, re-tune 0825 to Middle East sounding mx, traced until past 0900 on 26/7. (Seager-M/ARDXC) 7289.83, RRI, Nabire. Heard at new time of 2300! Good with local vocals and talk by a woman. Many ments of "Indonesia." Possibly local news, not RRI relay. Previously only heard here around 0700+ UTC. 13/8 (Sharp/ARDXC)

9525.9v, *Voice of Indonesia*, 1125-1206, August 26. Rare that I tune in at this time period, so was surprised to find this anomaly; in English, rather than the scheduled Chinese; mostly pop songs and announcer talking about the various bands; 1201 ID; news; pop song; 1206 start of their programming in Japanese. (Ron Howard/NASWA Yahoo Group)

IRAN Islamic Republic of Iran Broadcasting (IRIB), has acted as an arm of intelligence and security agencies implicated in gross human rights violations since the disputed presidential election of June 2009, according to the International Campaign for Human Rights in Iran. The Campaign's research and investigations into the content of programmes produced and broadcast by IRIB reveal a close working relationship between intelligence and judiciary officials in charge of prosecuting post-election detainees, such as in the case of Maziar Bahari, a Newsweek journalist who was detained last year. The Campaign believes that the absence of independent television and radio broadcasting in Iran is making it impossible for individuals defamed by the IRIB to defend themselves in a court of public opinion. It says the Iranian Judiciary and Parliament should launch an independent inquiry into violations by IRIB in broadcasting these programmes. (Iranhumanrights.org via Media Network/WDXC)

3945, *VOIRI* Zahedan, *2255-0059:35*, Aug 30, 31, Sep 01 and 02, Tajik Ramadan programme, opening and closing ann mentioning Tajikistan and Tajik and two frequencies, 2300 3 gongs and Iranian National Hymn sung by choir. The rest of the programme was Qur'an recitations, Muslim songs, prayers and conversation. Broadcast only during the Ramadan. 55444

(S9+30 !). VOIRI continued in Tajik *0100-0230* on 6175 Kamalabad and 7285 Sirjan - both under heavily QRM. (Petersen/DX Window)

3985, VOIRI Kamalabad, *2327-0210, Aug 30, 31, Sep 01 and 02, Azeri Ramadan programme opening with Muslim hymn, 3 gongs and Iranian National Hymn by choir. The rest of the programme was Qur'an recitations, Muslim songs praising Allah, prayers and religious talks, 53443 fighting with co-channel Croatia. Heard // 702 MW until 0128*. (Petersen/DX Window)

ITALY 26000, R Maria, Andrade, 1438-1455, Aug 09, music, Italian talk (palable amor) then pastor with short talks followed by a group of female people, 13222. (Liangas/DX Window)

JORDAN 11960, Jordan Radio Amman, observed from 0400 til 0459 cl-down, Aug 23. S=9+30dB full power 500 kW at 350degr. Second strongest bc signal in 25mb at that time, only R Rossi Taldom Moscow on 12070 is stronger. HFCC and WRTH Update time entries are wrong. Comment in Arabic, in western style with many jingles in between. News on Palestine and Israel matter, resp. Iraq and USA-Kuwait. 0448-0450 football soccer news on English Premier League teams. NOTHING heard on 11960 channel on Wed Aug 25th in 0400-0700 slot, no audio, no carrier, Amman was totally OFF. (wb, wwdxc BC-DX TopNews Aug 23/25)

KAZAKHSTAN 9950, V. of Orthodoxy via Kazakhstan Aug 31 *1430-1435 35332 Russian, 1430 sign on with IS, ID, Chorus music, Opening announce, Talk. (Kouji Hashimoto-JPN, JPNpremium Sept 3/ TopNews)

KOREA (North) 7200.2, Voice of Korea. 1248, sounds like they are having transmitter problems. I usually monitor this freq every night and usually it's "spot on." But tonight, I encountered a huge het and noticed the xmtr was drifting upward--nearly at .35 when they pulled the plug. Flipside to this was, presumed Myanmar (slightly on the low side of 7200, was readable). VoK xmtr popped back on at 1300 and this time was very close to nominal. 25/7. (Sharp/ARDXC)

KOREA (South) 6015, KBS Hanminjok Bangsong 1 (presumed) via Hwasong, 1411, August 25. Unusual to find a nice segment completely in the clear with no jamming; in Korean; 2 men in conversation; 1416 EZL pop song; conversation continued; 1426

brief English lesson; "Hello everyone" and explained about the word "arrival"; poor; the heavy noise jamming kicked in at 1433. (Ron Howard/NASWA Yahoo Group)

KYRGYZSTAN 4010, 25 Aug at 0125, Kyrgyz Radio. Very strong carrier with abysmal modulation. I could just make out the man and woman speaking. They need to turn up the dial on the modulator. No help even from synchronous AM detection. (Albert Muick-AFG, hcdx Aug 25/TopNews)

KUWAIT The bilateral agreement under which the IBB Kuwait Transmitting Station was established came about as one of the acts of a Kuwaiti Government grateful for its liberation on February 26, 1991, by a U.S.-led coalition during the Persian Gulf War. Kuwait had been under occupation since August 1990, when Iraq invaded it under the leadership of Saddam Hussein. The bilateral agreement leased to the United States, without cost, a 12-square kilometer tract of land approximately 48 miles north of Kuwait City for the purposes of transmitting international broadcasts. The agreement included favorable rates for electric power, to be no greater than the rates charged to the Government of the State of Kuwait. That rate is currently just over one-half U.S. cent for each kilowatt hour. Consequently, the IBB Kuwait Transmitting Station is the most cost-effective Station in the BBG network. When completed, there will be six shortwave transmitters available for operation. (William Hague-UK, NWDXC Aug 17/ TopNews)

LIBERIA 3960, Star R, Monrovia, 0646-0702, Aug 17 and 21, English talks, many mentions of "Liberia", short African music, ann: "this message is of the minister.", eloquent speech, back to talks, weak, 25322. (Otávio/DX Window)

LIBYA Voice of Africa English 1400-1600 has now returned to its previous frequencies of 17725 and 21695. (Allen Dean, Edwin Southwell/WDXC) Noted in Wyomissing - RAD.

LAOS 6130, loud and clear audible here daily with times largely as given in DBS-12, but no luck on 4413 nor 4678 whenever I tried in the last six weeks here in Thailand. (Werdin/DX Window)

7145, Lao National R., Vientiane, 1306, September 8. After a considerable absence they have returned again; news in French followed by Laotian songs till 1331 theme music; usual canned ID ("This is the Lao

National Radio, broadcasting from Vientiane, the [Lao?] Democratic Republic. Our English language is broadcast twice daily at 1300 hours and 2030 hours local time, which is 7 hours ahead of GMT. It is transmitted on a frequency of 97.25 MHz. on FM"); "local news" (the President of India to visit Laos tomorrow; Laos won the most prizes at an ASEAN competition recently held in Bangkok; news of crop damages, etc.); 1350 Laotian music and segment about a Buddhist festival held in Laos; 1356 ID and "Now come to our International News"; 1400*. Very nice to have them broadcasting again! (Ron Howard/NASWA Yahoo Group)

MADAGASCAR 6134.91, *R. Malagasy*, Antananarivo. Surprisingly early, vocal group, rather distinctive, 1240. FF anncts 1245, then mx again. More anncts. 1247, ID as "RNM" 1248, and again at 1252. Adverts, "Radio Madagascar" ID 1254. Quite OK signal, first time I've heard this outlet, and no sign of 7105, 30/7. (Seager-M/ARDXC)

Construction continues on the *Madagascar World Voice* station. In the fall of 2009 two much needed diesel-powered generators arrived after months of delay. Antenna #1 and #2 have been erected and tensioned on the towers. This will also be true of antenna #3 by the middle of September. The latest shipment containing important electrical wiring for the inside of the transmitter building has arrived in port in Madagascar and will be delivered soon to our station. We will then focus on raising the necessary funds to make the final payment and for the shipping costs for the three 100,000 watt transmitters that are already built, tested and packed in three 40 foot containers ready for shipment from Houston, Texas. The very important audio equipment to link all of our stations and enable us to send and receive programmes from stringers from all over the world has been installed in our studios in Franklin, Tennessee. (Patrick Robic Austria, Paul Reinersch Germany, A-DX via Wolfgang Bueschel/WDXC)

MALAYSIA 5030, *R. TV Malaysia Sarawak*, Kuching. Aug.6 at 1243-1427 in Malay. SIO433. Talk, news and music. ID at 1427 as "Sarawak FM". (Ishizaki/JSWC) 5030, Sarawak FM via RTM, 1330-1340, Sep 16. Special coverage of "Malaysia Day"; interesting speech in English and in vernacular promoting national unity; theme: one Malaysia, one Sarawak and one people; 1343 ID for "Radio Malaysia Sarawak FM"; song about Malaysia followed by "Sarawak FM" singing jingle; fair. On

September 16, 1963, Malaya, along with then-British crowned colonies of Sarawak, North Borneo (later renamed Sabah) and Singapore joined together to form Malaysia. This year is especially significant for Sarawak and Sabah because it is the first year that Malaysia Day is a public holiday. In the past only the Independence Day of Malaya (on August 31, the original independence date of Malaya) was celebrated as such. (Ron Howard/NASWA Yahoo Group)

MYANMAR 5770, *Myanmar Defense Forces Br. St.* (presumed), 1425, September 2. In vernacular; pop songs; always enjoy their usual BoH format of brief indigenous musical selection followed by military marching band; recently reception has been improving for Myanmar and in another month or two should have fairly good reception. (Howard/NASWA Yahoo Group)

5920, *Myanma Radio*. Thanks to a tip from Victor Goonetilleke (Sri Lanka), who first noted them on this new frequency 9/3/10. I checked 9/4/10 to find them back on their normal 5915 (under CRI), with 5920 totally clear of anything. On 9/5/10, Myanmar was indeed on 5920 from 1330 to 1500*, with random listening. Noted their usual indigenous theme music before the start of their non-stop educational lectures provided by the Minorities and Distance Learning Services; indigenous theme music again just before sign off. Time will tell if this is a real change in frequency to get away from the strong QRM from CRI on 5915. 5915, Myanma Radio. 1330, September 6. Back on their normal frequency under CRI; nothing heard on 5920. Needs more monitoring. (Ron Howard/NASWA Yahoo Group) 5915, Myanma Radio. Heard here on both September 7 and 8. There are now THREE stations mixing together here; a strong CRI along with Myanmar and an unidentified station. Is unfortunate they do not permanently move up to 5920, which is a completely clear frequency for the 1330 to 1500 time period. Myanmar's 2-3 day move up to 5920 was perhaps a frequency entry error, or perhaps an experiment to see how well they were heard there? Will keep checking. (Howard/NASWA Yahoo Group)

NIGERIA 6089.86, *FRCN*, Kaduna. 2206-2213 Sep 11. Very good, albeit briefly, with exited male speaker in presumed Hausa, alternating with short (one or two lines) of Qur'an readings. Hummy audio and crappy remote audio feed, just what one would expect from anything Nigerian. Sadly, big open carrier up at 2111, into Mrs. Gene Scott mid-sentence rattling about from 2212

on 6090 (University Network, Anguilla). Still audible via LSB, but poor, thanks to the lady and her transmitter. (Krueger/DXplorer)

7275, **FRCN** Abuja, at 0628-0652 on Sept 03, English news reports fading out on clear freq. Appears to have been reactivated, last time I heard them here was on 7274.88 kHz in B-07 period. Can't remember seeing any recent logs anywhere. (Martien Groot-HOL, dxld Sept 3/TopNews) 7275 negative - not even a carrier traced from Abuja on Sept 7th - 11th in 0635 to 0714 slot. RTT Sfax noted here around 0622-0628, much stronger than // 7335 to WeAF. (wb, wwdxc BC-DX TopNews Sept 7)

PAKISTAN 15100, **R. Pakistan**, Islamabad. Directly into English from Urdu with news at 1100. Good signal but very muffled audio on 22/7. (Allen/ARDXC)

PAPUA NEW GUINEA 3905, **NBC New Ireland**, 1221-1300, September 1. DJ with dedications in Tok Pisin playing all pop island songs; promo for "N-B-C Islands" dedication show; 1300 bird call; "Good night Papua New Guinea. The News Roundup. I'm Dave ..." (investigation into the plane crash that killed 4, etc.). This was the best PNG station heard today. (Ron Howard/NASWA Yahoo Group)

3915, **Radio Fly** (presumed), 1411, September 2. Signal improving just after my local sunrise; pop songs; reception went downhill quickly; unable to confirm // 5960 due to PBS Xinjiang dominating there. (Ron Howard/NASWA Yahoo Group) 3915, Radio Fly. I received a confirmation e-mail from R Fly team and in the later contacts I was told that both sw transmitters are located at Kiunga and running 1kW at the moment. The team is preparing a (printed I suppose) QSL to be posted in due time. The 1kW tx is putting out nice signals to Finland on 3915 every now and then. (Jari Savolainen-Finland/DXplorer) 3915, Radio Fly, 1352-1503, September 9. EZL pop songs ("I'll Be There", etc.), C&W and rock & roll songs; announcer sounded Australian; for most of the time I could clearly hear // 5960; both about equal strength. (Howard/NASWA Yahoo Group) 3915 Radio Fly. E-mail verification confirming my Mp3 audio clip sent to the station. V/S: stated that being a news station that they are finalizing a QSL response via Postal reply. No reply to my July 18 report hence the second attempt. Thank you goes out to Jari Savolainen for his assistance on this one. (Kusalik/DXplorer)

5960, **R. Fly**, July 20 at 0900-0933 in Pidgin. SIO252. Talk & music. ID at 0929. (Hayashi/JSWC)

7325, **Radio Wantok Light**, Port Moresby. Announcements in Pidgin 0712, Gospel message, followed by contemporary Gospel mx, good 30/7. (Ireland-M/ARDXC) 7324.95 Wantok Radio Light, Port Moresby. 0642, religious music, comments by American accented preacher, into hymns. Good signal but warbly audio. 14/8 (Sharp/ARDXC)

PERU 3329.55, **R. Ondas del Huallaga**, Huánuco. 1128, Spanish, fair with ad string and announcements, all proceeded with "Atencion! Atencion!" 14/7 (Sharp). Very good 1129 w/promos, into vocalist 1130, 27/7 (Seager-M/ARDXC)

4746.94, **R Huanta 2000**, Huanta, Ayacucho, 1001, Aug 19, hyper girl with rustic vocal, great signal. (Wilkner). Also heard at 0025, Aug 09, talk in Spanish, Latin American songs, no ID taken, poor. (D'Amico/DX Window)

4789.97, **R Visión**, Chiclayo, 0115-0430, Aug 09, 11, 12 and 22, Spanish religious predict saying "Gloria-Gloria-Gloria" many times, hymns, 34332 QRM utility voice conversations. (D'Amico and Petersen). Also heard at 0516-0540, Aug 15, religious talk in Spanish, 14321. (Méndez/DX Window)

4826.52, **Radio Sicuani**. 1145, Spanish, thanks John Wilkner tip, colliding with LV de la Selva and causing a big het. Partially readable in USB with talk and local time check, then into general conversation. 6/7. (Sharp/ARDXC)

4835.49, **R. Maranon**, Jaen. 1115, noted as massive het against WWCRC, and still only partially readable in LSB. Andean music cutting through the slop but very little copy on speech. Don't believe I've logged this one prior. 13/7. (Sharp/ARDXC)

4939.96, **Radio San Antonio**, Villa Atalaya. 1131, "las noticias" and several mentions of "Lima," but no ID. Talk by a second man after 1138. Fair to good. 7/7 (Sharp). 1140, Spanish, noted in passing with what may have been scripture readings; several references to "corazon" and "Dios mediante." Into music. 13/7. (Sharp/ARDXC)

4955, **R Cultural Amauta**, 0031, Aug 09, melodic Latin American songs, talk in Spanish; was off at 0130 when I went back to this frequency. Poor to fair. (D'Amico/DX Window)

4986.862, *Radio Manantial*, Huancayo, 2340 noted weak under thunderstorm, 3 September. (Wilkner/NASWA Yahoo Group)

5120.42, *Ondas del Suroriente*, Quillabamba. 1145, Spanish, noted in passing with huaynos. Very good. 13/7 (Sharp). Quite good, rustic vocals 1156, into SS anncts. 1159, some severe QRN on 26/7. (Seager-M/ARDXC)

5921.29, *Radio Bethel*, Arequipa. 1019-1024 Sep 10. Presumed the one with young-sounding Spanish female announcer in faced-paced talk, sometimes briefly joined by man. Clear and fair. (Krueger/DXplorer)

PHILIPPINES 15285, *R. Pilipinas*, *0200-0329*, September 10. Fair to almost good reception in English; "Dateline Malacañang" (massive coverage of issues dealing with the botched hostage rescue of a tourist bus last month in which 8 Hong Kong tourists died); "Mindanao Update"; "P-B-S News" (again items about the botched hostage rescue last month); "Philippines Trivia"; "The Philippines Today"; "Today in Philippines History"; EZL pop songs; numerous IDs; National Anthem (Lupang Hinirang) before going off. This certainly is one of the better stations for presenting local features. Unlike the Voice of Indonesia, which also carries local items, the audio here is consistently good. (Howard/NASWA Yahoo Group)

PIRATE (Euro) *Atlantic Radio* were heard with a new shortwave transmitter on 6960 last month, noted August 26 at 1348 with a poor signal on clear channel, fair strength when checked early evening. They have a Facebook group which includes a short video of the transmitter. Website is www.atlanticradio.ie. (Mike Barraclough/WDXC)

PRIDNESTROVIAN MOLDAVIAN REPUBLIC 9665, *Radio PMR*. *2350-0018 September 2-3, 2010. Carrier up at 2350, slight Commie hum. Commie-era five-second test tones from 2354, abruptly off 2355:29. Tones back up 2358:04, English ID 0000:26, into lame news items (they like the word "informational" for some reason), with such exciting topics as corn prices; Ukraine-bashing; East Slavs are good; nice things to say about other breakaway regions such as "Arkhangelsk" (not sure if they were referring to the Oblast or somewhere else). Amusing conclusion to the English program: "That's all for today. Our program is over." Into French at 0015. Huge signal. (Krueger/DXplorer)

RUSSIA 5930, *GTRK Kamchatka*, 0710-0800, August 27. Heard their local/regional programming "Radio Rossii Kamchatka" via the Yelizovo transmitter site on the Kamchatka peninsula; long interview; BoH the usual "This is Kamchatka" followed by the news; long dramatization. Started out poor; slowly improved. It is a shame that there is the ever present hum/motor-boating sounding transmitter which is interfering with itself; otherwise would be fair reception. (Ron Howard/NASWA Yahoo Group)

15110, *Tatarstan Wave/GTRK Tatarstan*, via Samara, *0410-0500*, September 14. IS; IDs; news; interview; mostly non-stop on air phone calls. As there are many Muslim in this republic, many calls started with "Assalamu Alaikum". Tatars are the third biggest ethnic group in Russia, after Russians and Ukrainians. *0410, September 16. Better than normal reception, per audio posted at < <http://www.mediafire.com/?popq2j2fxrto998> >. Note the two IDs; first one assume is in Tatar, while second one is in Russian (gprograma na volne Tatarstah) and later had gprograma Radio Tatarstah ID. (Ron Howard/NASWA Yahoo Group)

SOLOMON ISLANDS 5020, *SIBC*, June 28 at 1012-1043 in English. SIO333. Talk. (Ueyama/JSWC)

SOMALIA I was monitoring 6915 during the announced *Radio Hage Somalia* test Sep 12th 1600-1630. There was a weak RTTY-type ute station near the channel. And then a loud drifting carrier distorted modulation station, which sounded to my ears like a Greek pirate. Anyway, there was a station about 40Hz below 6915 with USB, playing Somali-sounding music and some male talks. At my location, this station peaked up only for a couple of seconds at a time. I considered this was a tentative-presumed-maybe possibly Radio Hage test. I sent my observations to the station and received their kind e-mail thanking me for the reception report. This broadcast was also heard by Mauno Ritola in Finland and by monitors in Kenya and Belgium. (Jari Savolainen-Finland/DXplorer)

SRI LANKA *Sri Lanka Broadcasting Corporation's* morning English service is on 15745 from 0100 to 0330 each morning. Up until recently (not sure exactly when) this segment was aired from Ekala using SLBC's vintage 35 kW xmtr. During those times, reception in the Philippines was not dependable and ranged from marginal to fair. SLBC is now using the new 100 kW xmtr for this service and reception in the

Philippines is excellent. Would appreciate knowing how these transmissions are being received in Australia. For those of us who like the tunes from the 50s, 60s, and 70s, SLBC remains an excellent source. (T.C. Patterson, Cebu, Philippines/EDXP Forum)

SLBC's new broadcast to India at 1530-1630 on 11905 heard with good reception on August 2 and 3. It was only audible for the first 25 minutes or so, until the frequency is blocked by RDP International Portugal, which signs on in Portuguese at about 1555 on weekdays. The broadcast starts at 1530 with identifications in English and Hindi, then music, mostly introduced in Hindi until approximately 1546 when there is a short news bulletin in English followed by music introduced in English. At this point the frequency is blocked by RDP. The English identification is "Radio Ceylon calling out to India". It seems to be a relay of a domestic channel with various FM frequencies announced, including 95.6 in Colombo. WRTH lists this frequency for SLBC commercial service in English. Reception is only possible here Monday-Friday at 1530-1555 as the channel is completely blocked by RDP in Portuguese on Saturday and Sunday. (Dave Kenny, Caversham, BDXC-UK/WDXC) 11905, on 29 Aug at 1529, SLBC, start of Hindi program to India. Many IDs in English (!) by male and female announcers as: "This is Radio Ceylon calling to India." Male announcer gave local FM rundown and seemed to get a little lost as to where the tx'ers were located. Program went into Local music and Hindi. Powerhouse signals with very little interference way underneath and slight fading. Four years and I am *still* trying to get a QSL out of these guys. It's just complete non-response. (Albert Muick-AFG, hcdx Aug 29/TopNews)

7189.72, *Sri Lanka BC*, 1222-1232*, September 10. I have been reading about their new MW transmitter, but is this a new SW transmitter? For one thing the signal strength was much stronger than ever heard here before (I think more than just good propagation); for another the frequency in the past was normally slightly above 7190. Perhaps Victor Goonetilleke in Sri Lanka can comment on this. In vernacular with subcontinent singing; believe they played their choral National Anthem (Sri Lanka Matha) at sign off. (Howard/NASWA Yahoo Group)

ST. HELENA *Radio St. Helena* sincerely regrets to have to inform radio listeners everywhere that Radio St. Helena Day 2010 has been cancelled. This very difficult

decision was necessary, due to severe technical problems with the shortwave antenna tower. RSH is quite confident that RSD will be able to continue in 2011. With best greetings, Gary Walters, Station Manager, Radio St. Helena and Robert Kipp, Radio St. Helena Day Revival Project. (Kipp, Sept. 10)

SUDAN The Sudanese government has suspended BBC Arabic from broadcasting on FM radio in four of the country's cities. BBC World Service was told by the government that BBC Arabic had been discontinued as of 9 August in Khartoum, Port Sudan, Wad Madani and Al-Ubayad. According to a report from BBC News, the suspension was not related to the content of the broadcasts, but "to breaches of the accord governing BBC activities", including bringing satellite equipment through diplomatic channels and working without approval in Southern Sudan. Discussions with the Sudanese government to reinstate and continue the FM broadcasts are ongoing, the World Service told Journalism.co.uk today. The BBC has a weekly audience of four million in Sudan. "The BBC has a long history of broadcasting in Sudan and for more than ten years has maintained a presence on FM thanks to the support of the regulatory system in Sudan. We hope that we will be able to continue broadcasting at some point and we are very disappointed that the Sudanese people in northern Sudan are no longer able to access the impartial news and current affairs of BBC Arabic on FM radio," said Jerry Timmins, BBC Head of Africa, in a statement. BBC Arabic is still in northern Sudan via bbarabic.com, shortwave and satellite radio channels. Responding to a separate incident, the Committee to Protect Journalists has also raised concerns over the treatment of press journalists by the Sudanese authorities. Local journalists told the organisation about a questionnaire sent out by security services asking for personal details, including addresses and bank account information, and reported threats when refusing to submit answers. (journalism.co.uk/ARDXC) The "gatekeepers" strike again! - RAD

According this, dated Oct 2, 2009, *Radio Peace* will move to Juba. Previously they've been transmitting from a place called New Site, near Narus and apparently have been off the air for some time. <http://www.globalendeavor.org/index.html>. (Jari Savolainen/Dxplorer)

SURINAME 4990, *R. Apintie*, Paramaribo. Rap mx 0951, followed by ID & promos,

weak 28/7 (Ireland-M). 0944, talk by a Dutch woman, then comments at 0946. Poor and just above the noise floor. 24/7 (Sharp) Instrumental mx 0808, seemed devotional, then DD anncs. 0810, fair on 27/7 (Seager-M/ARDXC)

TAJIKISTAN 7245, *Voice of Tajik*, Dushanbe. 1300, English, in the clear with ID, "This is the Voice of Tajik(istan), broadcasting on..." As she went into frequencies and schedule, an open carrier came on and CNR-2 program faded-up at 1302. Still partially readable under CNR. 2/7. (Sharp) Tajik to 1300, then into EE, however obliterated by CNR2 crash start at 1301, 28/7. (Seager-M/ARDXC)

UGANDA 4750, *Dunamis Shortwave*, Mokono. Nice African hi-life mx 1833 t/in, fair, anncs. 1901, to 1902*, 29/7. (Seager-M/ARDXC)

7194.95, *UBC R*, Kampala, *1600-1920 fade out, Aug 11 and 16, now on this frequency, English and vernaculars, English news at 1800, mentions several phone numbers, 1859 English ann mentioning "Uganda", 1900 vernacular news mentioning various African countries, 1904 African folkmusic with singers, 1817 reports from various African countries, 1831 clear ID and more folkmusic, 1900 talks, static noise, 25432. (Liangas and Schulze/DX Window)

7195.00, *UBC R*, Kampala, 2115-2210 and 0150-0230, Fr Aug 21, English frequent canned ID by female: "This is UBC Radio", but else non-stop pop songs all night! On this frequency ex 4976, but occasional QRM from HAMS calling "CQ DX", 43443. (Petersen/DX Window)

UNITED KINGDOM At the Plenary Meeting, Gary Stanley of VT Communications explained that his company was recently acquired by a company called Babcock in the UK. So VT Communications is now called Babcock, and the company's FMO (Frequency Management Organization) code for the HFCC will be changed from VTC to BAB. They will use VTC through the B10 season, and will begin using the new BAB code as of the A11 season. "It's business as usual for us," said Gary. "The only difference is that at the next conference we'll be in the front of the room!" (Delegations are seated in the meeting room in alphabetical order.) (September 2010 National Assn. of SW Broadcasters Newsletter/Jerry Berg-DXplorer)

YEMEN 9780.15v, *Republic of Yemen R*, San'a, *1800-1830, Aug 09, IS, English ID, international music and news, 44433. (Schulze/DX Window)

VANUATU 3945, *R. Vanuatu*, Port Vila. Good in Bislama on 14/7 at 1005 (Adams). Pleasant island song by a string band at 0955, then an EE reggae song before Bislama news at 1000 on 13/7. (Allen/ARDXC)

ZANZIBAR 6015, *RTZ*. The time that they turn on their transmitter varies considerably from day to day. Which in turn affects their sign on format. September 16 heard their carrier come on right at 0300, but was unable to make out anything till 0303 with reciting from the Qur'an. Their reception is daily improving! September 18: 0254 - Open carrier. 0256-0259 - Repetitive IS. Very faint, but sounded almost like a xylophone type instrument. 0300-0301 - Man and woman announcers. 0301-0306 - Reciting from the Qur'an. 0306-0314 - Man with monologue. Both Brandon Jordan and I have listened 3-4 different days to this segment and we both agree that it seems to sound almost religious (like a sermon?). 0315-0328 - Sounded like a speech. Audio at < <http://www.mediafire.com/?nm8ipb0mfqtix73> > is poor, but is of the open carrier; start of repetitive IS; followed by segment with reciting from the Qurfan. There were brief periods of adjacent QRM/splatter that interrupted reception. I first learned of this via Dan Sheedy, but an acknowledgement has to also go to Fabricio Andrade Silva (Brazil) for posting to radioescutas yahoo group an accurate report of reception of Zanzibar on 6015 back in March. Well done to both Fabricio and Dan! (Ron Howard/NASWA Yahoo Group)

ZIMBABWE 4828.00, *Voice of Zimbabwe*, Guineafowl, Gweru, 2150-2213*, Aug 10 and 18, Hilife music, talks seems in English, ID "This is Voice of Zimbabwe..", choral music, audio off. Heterodyne, checked at 2227 carrier still was on, 33333. (Otávio). Heard again at 0340-0350, Aug 20, vernacular talk and music, 15111. (Petersen/DX Window)


Reporters Without Borders condemns the jamming of some of the programmes of *Short Wave Radio Africa* (SWRA), a London-based radio station staffed by Zimbabwean exile journalists that broadcasts to Zimbabwe. Various sources said they thought Zimbabwe's Central Intelligence Organisation (CIO) was responsible for the interference, which began on 1 September. "While the licences granted to several independent publications

last May improved media diversity after years of a state media monopoly, the jamming of this exile radio station is an extremely negative sign," Reporters Without Borders said. "The relaxation seen in the print media is clearly not on the cards for the broadcast media. We urge the national unity government to clarify this situation without delay and to guarantee the right of access to information." The first 30 minutes of SWRA's programming on the evening 1 September, a news programme called Newsreel, was rendered inaudible by interference which stopped as soon as the news programme ended. The jamming of Newsreel has been repeated several times since then. President Robert Mugabe's government used Chinese equipment to jam SWRA, Voice of America's Studio 7 and Radio Voice of the People (VOP) in 2005. The president regarded them as pirate stations that were broadcasting to Zimbabwe with the sole aim of overthrowing him. Five years before that, Zimbabwe's supreme court ruled in favour of SWRA, then called Capital Radio, when it challenged the Zimbabwe Broadcasting Corporation's broadcasting monopoly. The police had shut Capital Radio down six days after it began broadcasting from a Harare hotel. In a separate case, artist Owen Maseko is facing a possible 20-year jail sentence on a charge of "communicating falsehoods in order to incite violence" for organising an exhibition on the so-called Gukurahundi massacres that took place shortly after Zimbabwe gained independence. On 27 August, the government announced a ban on any film, publication or artistic work about the Gukurahundi. "This retrograde measure shows that some sectors of the Zimbabwean government still tend to react in a paranoid fashion and are clearly not ready to tolerate free expression about events that are part of the country's history," Reporters Without Borders said, calling for the withdrawal of the charges against Maseko. (PR-USA.net/Slaen-DXplorer)

GABRIEL IVAN BARRERA passed away on September 14, at 23:15 Chilean Time due to a heart attack. He was among antennas and radios in my shack, Internet sharing and enjoying our passion. Thanks to each and every one of you, who shared with and felt my best friend. DXer Hugo Lopez, CE3BBC Chile. (Horacio A. Nigro, Montevideo, Uruguay) Sad news indeed. He joined Numero Uno in June 1990, when John Herkimer was editing, and stayed with us in DXplorer. "GIB," as he was known, was the editor of the "Onda Corta" bulletin among other DX publications, and he was always a reliable reporter. R.I.P. (Jerry Berg)

I knew GIB mostly by reputation, although on several occasions in the past he helped me directly with considerable information. His sudden passing is very sad. He surely will be missed greatly. (Don Jensen). A knowledgeable DXer willing to go the extra mile for DXers, especially in securing RAE veries. I have his publication from 1990, "Latin American Radio World." Thanks for passing along this very sad news, HAN. (John Herkimer) Gabriel was one of my best friends. I was today with his father and a few minutes ago I visited Radiodifusion Argentina al Exterior for told to Spanish Section Manager about this sad news. This is one of my sad days of my life. (Arnaldo Slaen) This is a shock. I had the good fortune of meeting Gabriel while in Buenos Aires in 1985. He made connections for me to visit RAE and invited Theresa and I over to his apartment for dinner. He was a real gentleman. I was hoping to reconnect in three or four years when I journey to that part of the world again. (Don Moore) [All via DXplorer]

New list of broadcasts in 62 languages. The largest German DX club "ADDX e. V." publishes on the homepage (<http://www.addx.de/Hfpdat/plaene.php>) the current frequency schedules of international broadcasters in 62 languages (Albanian, Amharic, Arabic, Armenian, Bengali, Bosnian, Bulgarian, Burmese, Cantonese, Chinese, Croatian, Czech, Dari, Danish, Dutch, English, Esperanto, Farsi, Finnish, French, Georgian, German, Greek, Hausa, Hebrew, Hindi, Hungarian, Indonesian, Italian, Japanese, Kyrgyz, Korean, Latin, Latvian, Lithuanian, Mandarin, Mongolian, Nepali, Norwegian, Pashto, Polish, Portuguese, Romanian, Russian, Sefardi, Serbian, Serbocroatian, Slovak, Slovene, Somali, Spanish, Swahili, Swedish, Tamil, Thai, Tibetan, Turkish, Ukrainian, Urdu, Uzbek, Vietnamese, Yiddish). Although being in the German language, the site is very easy to use even for people not speaking and/or understanding German. Of course, the site may be used free of charge for private purpose. (Niebuhr via EDXP FORUM, Aug 22)

Schedules, news and other information about shortwave broadcasting activity can be sent to Richard A D'Angelo, 2216 Burkey Drive, Wyoming, PA 19610 or via e-mail to rdangelo3@aol.com (please indicate in the subject that your contribution is for Listeners Notebook). Thanks! 73, Rich 

Pirate Radio Report

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Welcome to the October Pirate Report! It is hard to believe that the summer of 2010 is over. But, better propagation is on the way! We are starting to see some indications of this now. Several Euro-pirates have been heard well inland in North America on 15 and 48 meter bands. US pirate activity has had its peaks and valleys during September with the general average being low to moderate and well below the July activity level which has been the most active month thus far in 2010.

This month I thought I would provide some pirate radio related web sites for our readers. The internet is a fabulous resource for just about anything you can think of and of course pirate radio is no exception. Please note that all sites in this column were all found on the internet via goggle or were posted as links on publicly accessible web sites. If you are interested in the listed URL's I can send them to you via email if you cannot type them in for some reason.

Forums, blogs, on line communities

A great place to see what is happening on the air. This is the site that most North American ops check for reception logs: <http://frn.net/vines/>

HF Underground, Wiki style database, message board, QSL collection, also covers some other SW radio disciplines, also a place where the ops look for logs: <http://www.hfunderground.com/board/index.php>

Primary focus is European ops: <http://www.alfalima.net/phbb/index.php>

Iann's Pirate Radio Chat room focuses primarily but not entirely on European ops: <http://www.easyshopdiscountzone.com/radio/pirate/chat.html>

Nice community of Pirate Radio Dxers MIRC chat "#pirateradio"

Media

A must see site! This is Ragnar's site with his podcasts and lot of other very good information: <http://shortwavepirate.info/pw/wordpress/>

Address sources

<http://sites.google.com/site/piratedatabase/> via Ragnar Daneskjold piratedatabase@gmail.info

Evil Elvis's address collection: http://www.disgraceland.info/?page_id=157

Blogs

In The Red: <http://freeradiomadness.yola-site.com/>

Dr. Tim: <http://www.freeradio.de/drtim/wordpress/>

Radio Free Mount Airy: <http://www.rfma.net/>

Ronnie Rodent: <http://ronnierodent.blogspot.com/>

QSL Collections

http://www.angelfire.com/rebellion2/sw_underground1/QSLS.html

<http://www.omnirep.ch/qsL.html>

Very nice HF Underground collection: http://www.hfunderground.com/wiki/Pirate_QSL_Collection

<http://www.easyshopdiscountzone.com/radio/pirate/english/qsL.html>

Dimbulb's QSL collection: <http://usera.imagecave.com/imagecaveman/>

Some of Olddixer's QSLs and other stuff: <http://s659.photobucket.com/albums/>

uu319/olddxer/

Evil Elvis's site: <http://www.disgraceland.info/?p=1133>

FRN collection: http://www.frn.net/story.php?story_id=25&c=15

SSTV images

http://www.disgraceland.info/?page_id=222

Some of Olddxer's SSTVs and other stuff:
<http://s659.photobucket.com/albums/uu319/olddxer/>

OP web sites/ blogs

WBNY: <http://shortwavepirate.info/WBNY/>

Area 51: <http://www.worldmicroscope.com/>

Liquid Radio: <http://www.liquidradioonline.com/>

Radio free Euphoria: <http://radiofreeeuphoria.blogspot.com/>

WTCR: <http://drmorbius1.tripod.com/>

International Sites

Orion Radio Netherlands: <http://orionradio.nl/>

Playback international: <http://playbackinternational.blogspot.com/>

Radio Saturnus: <http://radiosaturnus.blogspot.com/>

Radio Xanadu <http://www.nwpirates.com/Xanadu/>

DXer sites and stuff

Sealord's audio recordings: <http://www.archive.org/details/ShortwavePirateRadio>

UKDXer's: Focus is on European ops. Good general info, QSL collection, Email addresses: <http://www.freewebs.com/ukdxer/>

Evil Elvis's site, lot of good stuff here: http://www.disgraceland.info/?page_id=157

Barnyard Radio, 6925u, 0254-0356 Sep 8, man announcer with English talks, several IDs playing Steve Miller Band, Nebula, Electric Lizard and Cyndi Lauper. Fair to good reception. (D'Angelo-PA)

Barnyard Radio, 6925U, 2330 - about 0055, 9/4 - 5/10. Heavy metal w/ very short announcements between, some sexually explicit cuts over music intros, ID 2343 ... still on at 0030 SINPO 24344, rap some sexually explicit talk over songs, barnyard animal sounds, occasional non sense sections between songs. Poor, improving to good. (Taylor-WI)

Barnyard Radio, 6925U, 9/4 2247-0032+ Good/Fair signal played a song by Faith No More followed by identification by male announcer. Continued with Ozzie and metal tunes. Also played Michael Jackson "Billie Jean". Nice Show (Majewski CT)

Captain Morgan, 6.924.15, 9/13, 0300., Rolling Stones "Jumping Jack Flash", "Brown Sugar", another e-mail ID @ 0314, blues songs @ 0330, frequency drifting downward about 15 Hz/minute until 0311, then drifting downward much more slowly, to 6924.100 by 0328 (Brandi-NJ)

Captain Morgan, 6924.7, 0133, 9/1/10. Rolling Stones - Jumping Jack Flash, other 60's songs, ID 0145, Blues, 0200 captainmorgan-shortwave @ gmail.com, more blues. Fair. (Taylor-WI)

Captain Morgan, 6924.7, 0040-0057* 9/7/10 SIO=242/342. Prgm of largely obscure rock tunes. IDw/addr near QRT. captainmorganshortwave@gmail.com ancd for repts. (Zeller-OH)

Coyote Radio, 6950, 0020 with wide selection of music from instrumental jazz,

country, soul to 1940's big band. Rough reception with lots of static on a weak signal. Got positive ID @ 0039 7 Sept (Wood-Ma)

Coyote Radio, 6950, 9/7 0048-0115 Poor signal Played some Canned Heat and Ted Nugent songs. Did identification and gave email address as coysteradio@gmail.com. At end (0115) did a manual Morse CW id. (Majewski CT)

KBOX Radio, 6925 usb, 0011-0022*, Sep 19. Man announcer with English talk playing songs; ID at 0022 and D'Angelo-PA)

KBOX, 6925, 9/19, 0012. Commercial alternative rock style music, ID @ 0015, "So in a way our broadcast is an assault on credibility. We want people to understand they shouldn't swallow everything that comes through the tap." (Brandi-NJ)

KIPM Relay via Outhouse Radio, 6925U, 0245, 9/4/10. "Hollow Earth," with a transmission "from deep inside the earth" with Alan Maxwell. Fair. (Taylor-WI)

Northwoods Radio, 6925, 09/12, 2348. Various hardcore punk songs, ID @ 2355, Dead Kennedys "Too Drunk to F****" @ 2357, ID @ 2359, Yeah, sometime in December. Thanks for listening.", end of song, "This is Northwoods Radio, something in Morse code, then off. (Brandi-NJ)

Northwoods Radio, 6925, 9/11/2010 2329 ID @ 2329:35 "This is Northwoods Radio. "My Baby Likes to Eat", ID @ 2335 "Northwoods Radio, Broadcasting freedom from the Great Lakes", more songs "I Feel Lucky", "If You're Gonna Be Dumb, You Gotta Be Tough" (Brandi-NJ)

Outhouse Radio, 6925usb, 09/01/10 02:34+ S9+10 but sounds like a little modulation problem-hard to understand at times. Started with space type music and sounds from the critters that might be riding one of those ships.(Kivell, FL)

Outhouse Radio, 6935, 09/13, 0011. Whistling at 0011 s/on, ID by computer @

0014, George Jones "The Race Is On", Roger Miller "Dang Me", Piano instrumental, ID @ 0023, more whistling cowboy music, ID @ 0026, computer-generated ID "You are listening to Outhouse Radio" x 3 @ 0207 (Brandi-NJ)

Radio Jamba International., 6930USB, 08/28/10, SIO 444, 02:01+ Rap Music, "Who Is Your Uncle", Kracker with Sta. ID. Email addy, QSL via FRN, Direct. more Rap, "Naked Women" "you brain is like a tire, change it!" (Kivell, FL)

Radio Mushroom, 6925 usb, *2350-0006+, Sep 17. Appeared to open up on top of another station with numerous IDs mentioning power of 175 watts by man announcer. QSLs from RadioMushroom@gmail.com. Good signal. (D'Angelo-PA)

Radio Mushroom, 6925, *0000-0019* 9/18/10 SIO=242. Sounded like it might have come from the same xmtr as Vanishing Hot Dog R. Came on immediately after the QRT of the hot dog stn. Prgm of rock mx w/OM ancr. The rock was by various artists. (Zeller-OH)

Radio Random International, 6925, 9/12/2010 0109 Murray Head "One Night in Bangkok", ID "This is WRRI, Radio Random International, now at adiorandominternational.com" mixed with goofy rendition of Stars & Stripes, faded into the mud by 0113 (Brandi-NJ)

The Crystal Ship, 6875.9, 0058-0105+ 9/7/10 SIO=444-. Prgm barley copied despite a strong S7 carrier. Perhaps the xmtr was somewhat undermodulated. Prgm of rock mx, but the show was nearly impossible to hear. (Zeller-OH)

Uncle Bob Radio, 6925, 9/19, 0026. Insane ranting, "Pirate radio, I need it", repeated over and over @ 0035-0037, "Has anybody seen my radio? I need it!(Brandi-NJ)

Uncle Bob Radio, 6925usb, 0052-0108, Sep 19. Uncle Bob hosting Uncle Bob Story Hour

with much drunken talk and mentioning guns; played Dueling Banjo's. Fair reception. (D'Angelo-PA)

Vanishing Hot Dog Radio, 6925 usb, 2344-2350, Sep 17. Couple of vocal selections and talk about wieners by a woman and a man over the phone. Poor to fair signal but blown away by Radio Mushroom's sign on. (D'Angelo-PA)

Vanishing Hot Dog Radio, 6925U, 2317-2359* 9/18/10 SIO=242. Lengthy prmt of novelty tunes and rock tunes about hot dogs by various artists incl Elvis. A song abt Oscar Meyer hot dogs was included. Hrd no addr. (Zeller-OH)

WBNY, 6925U, *2120-2127 9/18/20 SIO=242/141. Started with some classical mx w/a flute and orchestra. Went into a clear ID of "Radio Bunny is on the air Signal started OK, but took a dive to fading out at the time listed here. (Zeller-OH)

WBNY, 6950.205, 9/19, 0017. Music, commercial for WBNY hats @ 0021, WBNY ID @ 0022, more IDs @ 0023, lots more merchandise for sale, address given @ 0025, repeated "Radio Bunny" @ 0029, seemingly off @ 0031; fading in and out of intelligibility. (Brandi-NJ)

WEAK Radio, 6925u, 2308-2345, Aug 29. Periodic IDs by a woman also jingle ID with parody ads and rock music. Good signal. (D'Angelo-PA)

WEAK Radio, 6925U, 23:54 08/29/10, National Anthem, Rap Tune, "I'm Alive, I'm Dead, I'm A Stranger. Operator Sta. ID & Email Addy. EQSL "Ancient Transmitter" cd. In 1 day received for rpt to FRN. (Kivell, FL)

Wolverine Radio, 6925U, 0145, 9/4/10. Rock of various kinds with several quick "Wolverine Radio" ID's, off at 0225 with 2 SSTV transmissions. Good. (Taylor-WI)

Wolverine Radio, 6925u, 08/28/10, 02:33+ SIO 444, Usual great music: "Don't Worry

Baby," "Baby, Baby," "Baby-Bye Bye," "Sock It To Me," "Cry Like A Baby" Great signal tonight! (Kivell, FL)

International Pirates

Atlantic Radio, 6960, Extremely weak signal detected @ 2336 w/ "Wreck of the Edmund Fitzgerald" tune. Tons of static along with SS ssb operators and UTE noise. More rock mx along w/announcements by OM. Was able to pick out ID @ 2352. Completely lost to static by 2355. E-mail to station confimed it was them. Told me this was their first report from the US. Promised a QSL .26 Aug (Wood-Ma)

Black Bandit Radio, 6375, 2330-0030+, Sept 18-19. Continuous country music. Some oldies US pop music. Many IDs at 0023, 0029, 0030. Poor to fair. (Alexander-PA)

Black Bandit Radio, 6324.98, 0010-0025*, Sept 6, pop ballads. Local oldies music. English ID announcements. Said they were playing "local music from Amsterdam." Fair signal. (Alexander-PA)


Black Bandit, 6310AM 09/05 0032-0053 Boor signal but listenable. Many Black Bandit identifications by male in English with an accent. Played a song for Duffy by Dolly Parton. (Majewski CT)

Black Bandit Radio, 6375, 2330-0030+, Sept 18-19, continuous country music. Some oldies US pop music. Many IDs at 0023, 0029, 0030. Poor to fair. (Alexander-PA)

QSLs

Disco Demolition, for a report 11 months ago. (Zeller-OH)

Black Bandit Radio, for a broadcast a few weeks ago. (Rohde-OH)

Radio Magnetar, for a 3-27 reception. (Rohde-OH) 

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

CHEETAH

Michelle LaBrosse

CHEETAH Radio



AUSTRIA: Adventist World

Radio 9830 via Moosbrunn f/d "African Woman Listening to a Portable Radio" in 43 ds. v/s Adrian M. Peterson, DX Editor who sent along a very nice personal note. (D'Angelo-PA).

BAHRAIN: Radio Bahrain 9745

f/d registered ltr. for my one and only reception of their Arabic language service. This was in 44 ds. after a f/up rpt. that was originally sent via email. v/s Mr. Abdulla Ahmed Al Baloos-

hi, Acting Director of Technical Affairs. Addr: P.O. Box 1075, Manama, Bahrain. (Evans-TN).

CANADA: China Radio International 6020 via Sackville f/d hand-written

"Hani Ethnic Minority Group" cd. w/o site in 2 wks. for a rpt. to: crieng@cri.com.cn Also rcvd. program schedule and the "Messenger" magazine. (Jordan-TN). Also rcvd. a very large cardboard heart-shaped CRI station pennant in another 2 wks. (Jordan-TN)

STATION NOTES: Shadow Shortwave 6283

Email: sw.radioshadow@gmail.com

Condor Radio 6290 Email: condorradio

@hotmail.com Radio Merlin International

6305 Email: radiomerlin@blueyonder.co.uk

Easter Bunny 6210 Email:

easterbunnyradio@hotmail.com Radio

Clube do Para 4885 v/s Camilo Centeno,

Diretor Geral. Addr: Avenida Almirante

Barroso 2190, Barrio Marco, Belém,

Para CEP 66095-000, Brasil. Altrex

Radio 6320 Email: radioaltrex@live.nl

...via Play DX...Sam.

CHINA, PEOPLES REPUBLIC OF: Xinjiang

People's Broadcasting Station 3990

f/d paper cd., form ltr. and a program

schedule all in CH in 39 ds. for a

rpt. sent directly to the station. My

report was sent to: 84 Tuanjie Lu,

Urumqi, Xinjiang 830044 but the reply

return address was 830 Tuam Jie

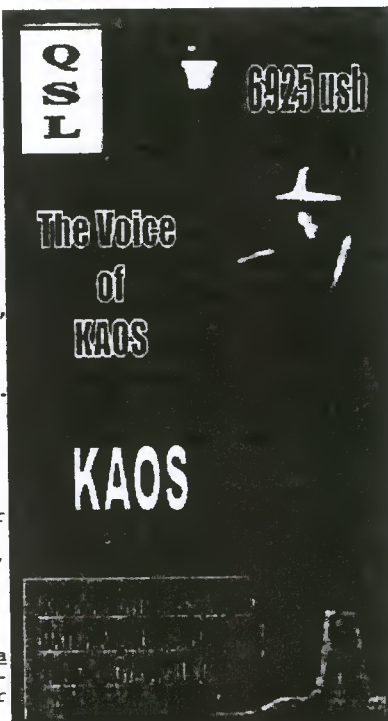
Road, Urumqi, Xinjiang 830044 (D'

Angelo-PA).

CLANDESTINE: Miraya FM 7385 via Rimavska

Sobota, Slovakia (presumed) f/d "Fon-

dation Hirondele" cd. in 165 ds. for



Number 2 towards your 1st year of club membership

RADIO ROMANIA INTERNATIONAL
BUCHAREST

QSL



This confirms you report of
19 June 2002 concerning our
transmission at 0200 UTC on
11940 kHz.

Your remarks are of great in-
terest to us and you further re-ports
will be much appreciated.

The National Bank of Romania
(1885)

Forma la TRONCUL nr. 16-997/92 QZ

Mr Scott R Barbour

Intervale

USA

an EG rpt. sent to Lau-
samne, Switzerland.
I sent the station a
postcard and \$2.00. v/s
Omerovic Wihada. A very
interesting note says
"certify that your re-
ception of Star Radio,
in Liberia." I'm not
even sure Star Radio
was on the air in late
February. Does anyone
have a clue? (Kivell-
FL).

CUBA: China Radio Inter-
national 13740 via Hav-
ana f/d hand-written

"Hani Ethnic Minority Group" cd. w/ site in 2 wks. for a rpt. to:
crieng@cri.com.cn Also rcvd. a 2010 New Year's cd. (Jordan-TN).

ENGLAND: NHK World Radio Japan 5975 f/d "Summer Festival" cd. w/ site

STATION NOTES: Radio Amanecer Internacional 6025 Email: cabina@radio
amanecer.org Radio Verdes Florestias 4865 v/s Graci Rezende, Ger-
ente. Addr: Rua Mario Lobao 81, CEP 69980-000 Cruzeiro Do Sul,
Acre, Brasil. Voice of

Croatia 9925 Email:
Walter.Brodowsky@t-syst
ems.com Gronlands KNR
3815 v/s Miss Ivalu Sov-
ndahl Pedersen, Communi-
cations Assistant. Addr:
PostBoks 1007, GR-3900
Nuuk, Greenland. Radio
Verdad 4052 v/s Dr. Ed-
gar A. Madrid, Director.
Addr: Apartado Postal 5,
Chiquimula, Guatemala.
.....via PLAY DX...Sam.

QSL RADIO MARABU e.V. QSL

Listener: SCOTT R BARBOUR

Intervale - USA

Address:

Date: 30/11/2003 Time: 1213 / 1303 UTC

RX:

QRG: 9290 kHz, shortwave

SINPO: 2 4 2 2 2 RADIO MARABU e.V.

P.O. Box 1166

D-49137 BELM

054066 / 899484

Fax: 05406 / 899435

RADIO MARABU e.V. Postfach 1166 D-49137 Belm Germany

nhkworld@nhk.jp (Jordan-TN). Radio Canada International 15320 via
Skelton f/d "Maple Leaf Mailbag" cd. in 17 ds. v/s Bill Westenhaber

EQUATORIAL GUINEA: Radio Bata 5005 ltr. in 3 mos. for a (Kivell-FL)
* taped rpt. and \$2.00. v/s Julian Esono Ela, Programa Cartas del Oye-
nte. (Smith-MA)...Nice QSL - not a whole lot of these around..Sam.

EUROPEAN RUSSIA: Voice of Russia 9890 via Krasnodar f/d "Luzkhhov Bri-
dge" cd. w/ site in 2 wks. for a rpt. to: world@ruvr.ru (Jordan-TN).
9665 same cd. w/ site in 3 wks. (Jordan-TN).

GERMANY: Radio
Free Europe /
Radio Liberty
9760 via Bib-
lis f/d "RFE/
RL" cd. in 53
ds. for \$2.00
and a rpt. sent
to the Czech
Republic ad-
dress. (Kivell-
FL).

ISRAEL: Galei-Zahal
6973 f/d "Micro-
phone - Thanks
for Listening"
cd. in 43 ds.
for a postcard
(Kivell-FL).

RADIO THE VOICE OF VIETNAM

This is to verify

Mr/Ms: MARK ALEXANDER KUMENYK
listened to the VOV Broadcast at 2330-2346 UTC
on Nov 13, 2002 on 12020 kHz

with the compliments of the Director of the Overseas Service of the Voice of Vietnam:

Hanoi.....R.C. 25, 2002
OVERSEAS SERVICE, VOICE OF VIETNAM
58 Quan Su Street, Hanoi, Vietnam

Q S L

Bevestiging van uw ontvangstrapporten
This is to confirm your reception reports
Confirmation de vos rapports d'écoute
Bestätigung Ihrer Empfangsberichte



NAAM / NOM / NAME: Scott R. Boubouer Jr

0167100

04:00 UTC

7485 kHz

MOLDOVA (Pridnestrovie): Radio Pridnestrovie 9665 word document email QSL in 1 day. v/s Anatoly Kirsa for a rpt. to: radiopm@inbox.ru (Jordan-TN).

ROMANIA: Radio Romania International 7335 f/d "The Fortified Church of Valea Viilor" cd. in 2 wks. for a rpt. to: eng@rri.ro (Jordan-TN).

SOUTH AFRICA: Trans World Radio 7215 via Meyerton the station

verified for a second time with a f/d ltr. from Siklander Hoosen, HF Coverage Planning at Sentech in 26 ds. indicating the transmitter site is a 250 KW Brown Boveri, located at the Meyerton Transmitting Station

SYRIA: Syrian Radio and Television 12085 via Adhra (D'Angelo-PA)

* f/d "SBTVS Tower and World"

cd. in 159 ds. Also rcvd. a station sticker and an EG program schedule. This was for a postcard and \$2.00. (Kivell-FL).

TINIAN: Radio Free Asia 9455

f/d "Burmese Harp" cd. in 10 ds. (Kivell-FL).

UKRAINE: Voice of Russia 7440

via Lvov f/d "State Tretyakov Gallery" cd. w/ site in 3 wks. for a report to:

STATION NOTES: Voice of Oromo

Liberation 12120 via Samara

Addr: TDP, P.O. Box 1,

B-2310 Rijkevorsel, Belgium.

v/s Ludo Maes. **Voice of Tibet** 17560 via Talata Volondry Addr: Narthang Building, Gangchen Kyishong, Dharamsala 176215 H.P., India. **NHK**

World / Radio Japan 15190 via Wertachtal Email: QSL-SHORTWAVE@media-

Words of Life

Aiming to Declare the Whole Counsel of GOD

P. O. Box 221

Sellersburg, IN 47172-0221

812-248-9243

Email words@life@win.net

Robert Gill, Chairman
James Embree
Louis Schuler

George Haas, Sec/Treasurer
Emory Grimes
Date Offutt
Bulford Smith

Cleo Russell
Paul Kilzenritter
Elmer Pacheco

November 17, 2005

Mr. Richard A. D'Angelo
2218 Burtway Drive
Wyomissing PA, 19610

Dear Mr. D'Angelo:

We are always happy to hear from our listeners. The information you provided is correct.

If you like, I can add you to our newsletter list. The newsletter comes out every other month. If your friends wish to be added to receive the newsletter, I will be glad to add them to our mailing list.



Groupes France Telecom

October 21, 2002

Dear Mr BARROUR,

My name is Pierre Urcun. I'm in charge of DRM projet (Digital Radio Mondiale) at TDF CCETT in Rennes.

The broadcast station that you heard on 25 775 kHz, wednesday 25 september, was an experimental DRM broadcast as you had guess.

The transmission mode of this station is a digital "CODFM" modulation which is compatible with an A.M. demodulation. (Simulcast DRM/AM mode)
That is the reason why you heard our DRM mystery program with your Sangean receiver.

Please find the details of the station below :

-Power transmitter : 400 watts

-Antenna height : 110m above ground with a vertical mounting at the top

-Location on earth : Latitude 48° 6' 49" N, longitude 1° 41' 11" W

I hope these information is useful to you and answers all of your questions.
If you have any further questions please contact me by E-mail.

I thank you for your report and I wish you happy Dxing.

Pierre Urcun R&D engineer
TDF CCETT
4, rue du Clos Courtel BP31826
35518 CESSON-SEVIGNE
FRANCE

broadcast.com
v/s Michael Puetz. His Email: Michael.Puetz@media-broadcast.com
Maeva 5975 via Julich Addr: same as Oromo above...via PLAY DX...Sam.

world@ruvr.ru
(Jordan-TN).

USA: Radio Taiwan

International

5950 via WYFR

f/d "Phonograph

made in Switzer-

land" cd. in 43

ds. for \$2.00.

I rcvd. a program

schedule

and the station

sent \$1.00 back!

(Kivell-FL).

WEWN 11520 f/d

"EWTN Microphone

Base" cd. in 1

wk. for a rpt.

to: gtapey@ewtn.

KBC Radio

ROCKING OVER THE OCEAN

"KBC Import / export" <info@k-go.com>
11/12/2006 01:02 PM
Please respond to info@k-go.com

To: rdangelo@fratenergycorp.com
cc:
Subject: Report

Dear Richard,

Thank you for your report and good to hear from you! Also thank you for all your other information.

For more info about KBC check our website <http://www.kbcradio.eu>

We are also broadcasting on Sunday on 6110 kHz between 02.00 - 02.59 AM UTC. 310 deg.

Daily on 6055 between 21.30 - 22.30 PM UTC. 259 deg.

We will send you our QSL the coming days.

The Kaito commercial is a K-PO one...

In the attachment the commercial.

Hope to hear from you again in the future.



com (Jordan-TN). **WINB** 9265 f/d red, white and blue cd. w/ program schedule in 1 wk. for \$1.00 v/s Fred W. Wisw. Addr: PO Box 88, Red Lion, PA 17356 (Jordan-TN).

USA (Pirates): WBNY 6925 f/d "Commander Bunny for President Logo" cd. in 148 ds. w/ a statement that "WBNY is a service of the People's Committee in Solidarity with Rodent Freedom Fighters" (D'Angelo-PA). "Microphone" cd. w/ T Shirt, fridge magnets, 1 million dollar bill, WBNY mouse pad, station sticker and a personal note from Commander Bunny. Addr: PO Box 1, Belfast, NY 14711. (Jordan-TN).. Hey Rich, how come you didn't get all the goodies like Mr. Jordan did? Sam.

STATION NOTES: **Radio Cairo** 6255 v/s Eng. Fouad Alfeiky. Email: englishpro@gertu.org -or- niveen@hotmail.com Addr: ERTU, P.O. Box 1186, Cairo 11511 Egypt. **Radio Wadi El Nile** 9250 v/s Dr. Marwan Khattab. Addr: Wadi El Nile, ERTU, P.O. Box 1186, Cairo 11511, Egypt. **Radio Bana** 5100 Addr: Bana Radio, P.O. Box 609, Asmara, Eritrea. **Radio Ethiopia** 9560 Addr: Ethiopian Radio and Television Agency, P.O. Box 1020, Addis Ababa, Ethiopia WEB: www.erta.gov.et Email: radio.ethopian@ethi.net ...via PLAY DX.

DEAR FRIEND,

We take pleasure in verifying your reception report of our transmission

Dated: 25/07 2006 w/ 01:44 hours

On: 11860 kHz Band QSO 9250 MHz

Many thanks for your information and we shall appreciate your further reports, as well as comments on our broadcast. Good Receiving, DX! and 73!

YOURS SINCERELY
ENGLISH LANGUAGE BROADCAST
OF RADIO BUDAPEST

Fold: Gábor János

MTI Field No. 1018 Budapest, Hungary

SCOTT R. BARBOUR JR.

P.O. Box 893

INTERVALE, N.H.

03845 USA



Radio Ronin Shortwave

6950 f/d "Warrior" cd.

in 18 ds. for an email rpt. (D'Angelo-PA).

Northwoods Radio 6935 the station verified my email rpt. in 5 days w/ an email reply. (D'Angelo-PA).

WEAK Radio 6930 the station verified my email rpt. w/ a f/d "Ancient Radio Transmitter" email attachment cd.

in 17 ds. w/ a note stating that they were sorry for the delay in responding to my rpt. As far as I am concerned 17 ds. is a very good turn around time. (D'Angelo-PA).

Antenna Field as Sumner Photograph by W9WJL
QSL Verification Card
Date: 7/2/00 Time (UTC): 1343 kHz: 9440
Hours: 4430
Detour: Edit
Rec'd: Hrs:
Program Details/Notes de l'émission
Programas/Notas/Comentarios del programa
This signed card confirms your reception report. Thank you to Herald Broadcasting. We invite you to contact us if you feel free to write again with comments on our programming.
Daw Dean

U.S. POSTAGE
Mark Alexander Humenyk
Name/Prénom/Nombre
26 Castleidge Heights Road
Address/Adresse/Adresse
Weston Ontario M9P 1H4
Canada

VATICAN: Radio Vatican

4005 f/d "Marconi Room at Palazzo Pio" cd. in 69 ds. Also rcvd. post card, schedule and station stickers. (Kivell-F2).

Pretty good QSL Column this time around. See you next month. Sam

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
Ralph BRANDI, Middletown, NJ
Eric BUENEMAN, Hazelwood, MO
Mark COADY, Peterborough, ONT
Rich D'ANGELO, Wyomissing, PA
Mick DELMAGE, Sherwood Park, AB
Gerry DEXTER, Lake Geneva, WI
Jim EVANS, Germantown, TN
Jim FEDOR, Wells, NV
Jay GOLDEN, Rochester, NY
Glenn HAUSER, Enid, OK
Ron HOWARD, Asilomar Beach, CA
Robert KIPP, GERMANY
William McGUIRE, Cheverly, MD
Sheryl PASZKIEWICZ, Manitowoc, WI
Curt PHILLIPS, Raleigh, NC
Jim RONDA, Tulsa, OK
Harold SELLERS, Vernon, BC
Jerry STRAWMAN, Des Moines, IA
Mark TAYLOR, Madison, WI
Robert WILKNER, Pompano Beach, FL
Ed WLODARSKI, NJ

Icom IC-7600, two 100' LW
NRD545, MLB-1, 200' Beverages, 60m dipole
QS1R, 7030+, T2FD, 300' longwire
ATS803S, MFJ-1778, G5RV, MFJ956 tuners
Eton E-1, G5RV
TenTec RX340, DX Sloper
Kenwood R-5000, KLM 7-30 MHz Log
NRD-545, Parker balanced doublet antennas
RX340, R8B,E1, ICF -SW7600G, 90' attic wire
R-70, various longwire antennas
51J-4, DX Sloper
FRG-7, SW-07, YB400 random wires
eton E-1
no equipment listed
DX-380
NRD-515, R 8500, Eavesdropper
TS-940S, R8A, R4B/FS4, 2010, 7600GR, E1
NRD-545, R75, PAR EF-SWL antenna
E-1 and Sony AN-1 antenna
Perseus SDR, PAORDT mini whip
R-75, eton E1, 2 Flexennas, EWE
NRD535D, Drake R7
RX340, 100' lw

2000-5900 kHz

Tropical Band Loggings

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

- 2310 AUSTRALIA VL8A Alice Springs 1100 Rock mx; M ancr in EE; ABC ancrment; poor; 8/17. (Taylor-WI) 0912-0930 EE sports prg; good; //2325-fair; 2485-poor; 9/11. (Wlodarski-NJ)
- 2325 AUSTRALIA VL8T Tennant Creek 0914-0920 Sports prg in EE; fair; //2310 & 2485 also fair; 8/22. (Wlodarski-NJ) 1132 ABC nx & sports rpt; fair; //2310 VL8A-fair; //2485 VL8K-poor; 8/24. (Sellers-BC)
- 2368.5 AUSTRALIA R. Symban 1050-1105 Audio w/ mx; only time logged; 8/11. (Wilkner-FL) 1213-1351 (P); Greek mx & songs v. clearly heard through the QRN; 1256-1302 ancrs; but a little too weak to make out; still heard at 1351 t/out; close to my best recep x to date for this one; 8/13. (Howard-CA) 0944-1000 Flute instrumental; coming through just above static lvl; M ancr at 0946 w/ song title; 0952 more flute-type mx; poor; first time hearing this one for me; 8/22. (Wlodarski-NJ) 1122-1200 Always w/ Greek mx during several checks; poor; 8/24. (Sellers-BC) 0928-0945 Greek mx w/ M vcls; p-f on peaks; checked back at 1030; still there w/ fair sig; 8/28. (Wlodarski-NJ) 1110 Mx noted until 1115 when f/out; 9/1. (Wilkner-FL) 1250 Greek mx; M ancr w/ brief ancrments; 1302 M & W ancrs over mx; 1313 M w/ clear "Radio Symban" ID into more Greek mx; good sig this morning at lcl sunrise; signal about equal to VL8's; e-mail reply from Tom Tsamouras says stn serves Greek expats & started in 1997 using other freqs but settled on 120m for better coverage area; used e-mail listed in NASWA Listener's Notebook August 2010 by R. Pearson; 9/1. (Fedorin-NV) 1343 (P); Greek songs; 1356 ancr; 1400 back to Greek mx; poor w/ QRN; 9/2. (Howard-CA) 1027-1035 Ballad type song followed by M ancr w/ ad & cmntary; more ballad type mx; poor but just above the noise this morning; 9/4. (Wlodarski-NJ) 1002-

- 1010 Brief nx rpt followed by mx; poor; 9/6. (Wlodarski-NJ) 0902-0917 M & W ancrs in listed Greek, w/ brief cments over mx; wind instruments w/ talk at 0911 into animated exchange between M & W ancrs, similar to logging posted by R. Howard-CA; p-f; surprisingly decent sig strength holding up well w/ band noise; nothing heard following day, 9/9, during same time; 9/8. (Barbour-NH)
- 2485 **AUSTRALIA VL8K** Katherine 0949 Futbol in EE; poor; as was //2325-Tennant Creek; 8/3. (Taylor-WI) 1135 EE interview w/ player then sports play-by-play; poor; 9/4. (Taylor-WI)
- 2850 **NORTH KOREA KCBS** Pyongyang 1222 M & W talk in KK at S9+15; also traces of N. Korea on 3320 under the ute beeper; VoK Japanese-3250 at 1225; 3481 as jamming het under other audio on 3480 at 1223; which Aoki unravels as: 3480 V. of the People, from S. to N. Korea & 3481 AINDF relaying PBS from N. to S. Korea; 9/12. (Hauser-OK)
- 3185 **USA WWRB** Morrison 0218 EE preaching prg w/ interpretation of current events; fair; 8/23. (Sellers-BC)
- 3215 **USA WWCN** Nashville 0217 EE Bible preaching; poor; 8/23. (Sellers-BC)
- 3250 **HONDURAS R. Luz y Vida** San Luis 1100-1130 F/in; Standard SS M ancr w/ relg; best at 0000; 8/17, 19-20. (Wilkner-FL) 0159 Vcl mx; contemporary SS Christian mx?; ID; vcl; 0202 W ancr; poor; 8/24. (Taylor-WI) 0350-0357* M ancr w/ SS talk over mx; ID & ancments at 0353 followed by anthem; dead air at 0356; carrier gone at 0357; poor w/ low, distorted audio; 8/28. (Evans-TN) 1017 First noted on f/in en espanol; 9/4. (Wilkner-FL) 0227 Songs in SS; heard throughout the week; f-p; 9/7. (Ronda-OK)
- 3255 **SOUTH AFRICA BBC** Meyerton 0328-0335 W ancr in EE; M w/ ID at 0329 followed by BBC prg info; News of Africa by M & W ancrs at 0330; good; best in many months on this freq; 9/9. (Evans-TN)
- 3275 **PNG-NEW GUINEA TERRITORY R. Southern Highlands** Mendi 1101-1120 Pop mx & M ancr in Tok Pisin; threshold lvl sig until a couple of minutes of peak strength at 1116-1118; 9/11. (Evans-TN)[nice catch-ed.]
- 3280 **CHINA V. of Pujiang** Shanghai 1227 M & W ancr in CC; 1230 song interrupted for ancments at 1230; poor; 8/20. (Sellers-BC)
- 3289.98 **GUYANA GBC** Georgetown 0356-0400 M ancr w/ really terrible mix of non-mx; "I'm on My Way"; QRM free in USB mode, but neck & neck with static here at this hour; 7/14. (Parker-PA) 3290 0917-0923 M ancr in EE w/ cover of "Imagine"; greetings to couple getting married later in the day; fair; 8/14. (Barbour-NH) 0830 Under t-storm; 0910 vcl soprano; 0923 pop rock & Caribbean mx; greeting sent to several individuals; relg by 0940 "Lord Jesus Christ...in Jesus Name."; in the past used to b/cast funeral ancments & "call names" which are no longer heard; 8/17, 19-20. (Wilkner-FL) 0854-0900 Hindi type mx followed by M ancr w/ ID; fair; 8/21. (Wlodarski-NJ) 0841-0850 Ramadan prg; ID at 0850; good; 8/28. (Wlodarski-NJ) 0855-0937 Time pips on hour; orchestral mx; best audio on R8; 8/28. (Wilkner-FL) 0851-0900 AA type mx; 0855 M ancr in EE w/ relg reading followed by hymn; good; 9/4. (Wlodarski-NJ) 0310-0408 (P); Vcls & occ. talk; v. poor; never enough audio to get a reliable ID; 9/7-8. (Ronda-OK) 0929-0940 BBC prgrming ad followed by nx; fair; 9/12. (Wlodarski-NJ)
- 3290 **PNG-NEW GUINEA TERRITORY R. Central** Boroko 0900 Instrumental mx; iThis is Radio Central, Port Moresby; chatty nx in EE; poor; 8/14. (Taylor-WI) 1232 M ancr in Tok Pisin w/ mx; poor; 8/20. (Sellers-BC) 1042-1104 M ancr in Tok Pisin; PNG pop mx at 1046 alternating w/ short talks segments; threshold lvl sig w/ good increase 1059-1104; 9/11. (Evans-TN)
- 3309.98 **BOLIVIA R. Mosoj Chaski** Cochabamba 0930; 0000 Noted here w/ regular recep; 8/21. (Wilkner-FL) 1020-1030 Mx de Bolivia; ments. "de las palabras de Dios...y saludos de?..."; ute on top part of the time; 9/1. (Wilkner-FL) 3310 0904 Ancr w/ distinctive indigenous mx; p-f; 8/14. (Taylor-WI) 0921-0930 Lcl type mx prg; f-g; 8/22. (Wlodarski-NJ) 0938-0950 W ancr w/ Quecha relg talk; fair; 8/29. (Wlodarski-NJ) 1001-1010 Lcl type mx; 1002 M & W ancrs w/ relg prg; fair; 9/5. (Wlodarski-NJ) 0937-0945 W ancr w/ relg talk; fair; 9/6. (Wlodarski-NJ)
- 3320 **NORTH KOREA PBS** Pyongyang 1225 Classical choir vcls; M ancr in KK; poor; 8/20. (Sellers-BC)
- 3320 **SOUTH AFRICA R. Sondergrense** Meyerton 0410-0415 M & W ancrs in Afrikaans; sig to 30dB; f-g between lcl 40db static bursts; 7/14. (Parker-PA) 2311-2315 M ancr in Afrikaans w/ nx items; good; 8/21. (Wlodarski-NJ) 0331-0340 M ancr in Afrikaans; Afrikaaner pop mx at 0334; back to talk at 0339; good; 9/9. (Evans-TN)
- 3325 **INDONESIA-KALIMANTAN RRI Palangkaraya** 1028-1034 Apparent Kor'an recitation by M; M ancr in Indo at 1030; slow vcl mx at 1032 followed by talk by M & W ancrs; poor; declining slowly; similar, but not strictly // noted on 4750-Makassar; nothing heard from usual co-ch. PNG str; 9/11. (Evans-TN) 1229-1232 Surprisingly good w/ M & W ancrs in Indo over music; ment. Radio RRI; Nippon Hoso Kyokai several times & BBC London; a promo about their nx sources?; 9/10. (Hauser-OK)
- 3329.53 **PERU Ondas del Huallaga** Huánuco 1030-1040 Mx; f/out; 8/17. (Wilkner-FL)

- 3335 **PNG R. East Sepik** Wewak 1153 Classic Oldies mx; 1200 ment. of NBC & M ancw w/ nx in (P) EE; 1235 host taking phone calls; speaking in Tok Pisin & EE; poor; 8/20. (Sellers-BC) 1000-1010 W ancw in Tok Pisin w/ nx items; p-f; 8/21. (Wlodarski-NJ) 1140 Contemporary mx; 1142 ancw w/ more mx; poor; 9/4. (Taylor-WI) 1354-1359* (P); Pop songs until suddenly off; poor; 9/5. (Howard-CA)
- 3345 **SOUTH AFRICA Channel Africa** Meyerton 0423-0427 M & W ancws in EE; mx bridges; poor; 7/14. (Parker-PA) 0333 (P); W ancw in EE w/ correspondent rpts; poor; 8/17. (Taylor-WI) 0358 EZL piano music; TS & ID in EE at 0400; 9/8. (Ronda-OK) 0333-0338 EE talk by M & W ancws; poor w/ heavy interference via 3350-REE; 9/9. (Evans-TN)
- 3350 **COSTA RICA REE** Cariari de Pococi 0208 Two M ancws w/ SS discussion; poor; 8/23. (Sellers-BC)
- 3365 **PNG R. Milne Bay** Alotau 1049-1100 W ancw w/ lcl nx followed by pop mx; fair; 8/28. (Wlodarski-NJ) 1040-1050 M ancw in Tok Pisin & PNG pop mx occ. peaking above the noise; v. marginal, threshold lvl sig w/ a few good peaks at 1049; other PNGs heard today on 3385, 3275 & 3290; 9/11. (Evans-TN) 1048-1100 Disco type mx; 1049 M ancw in Tok Pisin w/ ID followed by ad & TC; 1050 lcl nx items; fair; 9/11. (Wlodarski-NJ)
- 3375.34 **BRAZIL R. Municipal** São Gabriel da Cachoeira *0930 S/on w/ mx; M ancw; good; 8/19. (Wilkner-FL) 0925-0950 Lively Brazilian mx & vcls; 9/1. (Wilkner-FL) 3375.38 0906-0916 M ancw between mx bits; up-beat mx & "zinger" ancment of sorts; more mx & a diff. "zinger" at 0915; fair; 8/14. (Barbour-NH) 3375.5 0939-0950 Modern ballad type mx; 0944 W ancw w/ ID & TC followed by more ballad type mx; fair; 9/4. (Wlodarski-NJ)
- 3385 **PNG-NEW BRITAIN R. East New Britain** Rabaul 0942 W ancw in Tok Pisin; indiginous sounding vcls; carrier present since before 0330 [?-ed.]; in at 24333 at 1134 w/ M & W banter over contemporary dance mx; poor; 8/13. (Taylor-WI) 1105 (P); Ancw w/ (P) nx; poor w/ ute idling on freq; 8/17. (Taylor-WI) 1042-1100 Modern type mx followed by M ancw in Tok Pisin w/ listener phone call; 1049 island type mx; poor; peaking to fair around 1050; 9/4. (Wlodarski-NJ) 1146 M & W ancws w/ oldies mx; poor; 9/4. (Taylor-WI) 1208-1225* Usual Sunday Christian relig prg in EE until suddenly off a few seconds before 1226; weak; 9/5. (Howard-CA) 1206-1208 Nx w/ Aussie accent; occ. ment. NBC, Port Moresby & bilong; ergo it was really in Tok Pisin; poor past 1211; straddling today's lcl sunrise of 1208; 9/7. (Hauser-OK) 0919-0930 Tok Pisin w/ lcl type mx; 0928 ad by M ancw; fair; 9/11. (Wlodarski-NJ) 1045-1102 PNG pop mx w/ M ancw in Tok Pisin; poor but steady sig; as usual the best of the PNGs heard this morning; 9/11. (Evans-TN) 1225-1226* Talk in EE or Tok Pisin; poor sig; cut off abruptly at 1226* as R. Howard has been observing; must be on clock timer & who cares about the SW audience?; how rude; 9/12. (Hauser-OK)
- 3390.05 **BOLIVIA R. Emisoras Camargo** Camargo 2348 The one noted here; 8/18. (Wilkner-FL) 3390.06 2345-0010 Noted occ. w/ weak sig; 8/18. (Wilkner-FL)
- 3480 **NORTH KOREA AINDF** Wonsan 1150 (P); Usual DPRK opera w/ M ancw; periodic "beep" on freq; unsure if it was QRM or intentional jamming; poor; 9/4. (Taylor-WI)
- 3810L **ECUADOR HD210A** Guayaquil 0514 Accurate time sigs announced every 10 seconds; weak, but evading QRhAM at the moment; 8/19. (Hauser-OK)
- 3905 **PNG-NEW IRELAND R. New Ireland** Kavieng 0959-1010 Pop mx; 1000 M ancw w/ ID; TC & freq ancment followed by EE nx; fair w/ amateur QRM at times; 8/28. (Wlodarski-NJ) 1221-1300 DJ w/ dedications in Tok Pisin playing all pop island songs; promo for iN-B-C Islandsi dedication show; 1300 bird call; iGood night Papua New Guinea. The News Roundup. Iim Dave..; investigation into plane crash that killed 4, etc.; this was the best PNG stn heard today; 9/1. (Howard-CA)
- 3912 **SOUTH KOREA V. of the People** Kyonggi-do 1204 M ancw in KK; marching band musical bridges; poor; 8/20. (Sellers-BC) 1025-1032 M & W ancws in KK; poor w/ ARO interference; no jammer noted; heavily jammed, same strength //s noted on 6518 & 6600; 9/11. (Evans-TN)
- 3915 **PNG R. Fly** Tabubil 1411 (P); Sig improving just after my lcl sunrise; pop songs; reexp went downhill quickly; unable to confirm //5960 due to PBS Xinjiang dominating there; 9/2. (Howard-CA) 1352-1503 EZL pop songs Illit Be There!, etc.; C & W; rock & roll songs; ancw sounded Australian; for most of the time I could clearly hear //5960; both about equal strength; 9/10. (Howard-CA)
- 3925 **JAPAN R. Nikkei** Tokyo-Nagara 1206 Classical mx; good; //6055-good; 8/20. (Sellers-BC) 1009-1015 Modern pop mx prg; W ancw in JJ at 1011 w/ song titles & ID; good; 8/22. (Wlodarski-NJ) 1026-1030 JJ w/ classical mx prg; good; 9/6. (Wlodarski-NJ)
- 3960 **NORTH KOREA KCBS** Kanggye 0635-0638 M ancw in KK; noted after propagation suddenly "went long" on 75m; f/up to almost fair lvls for brief periods; 8/22. (Parker-PA)[nice catch-ed.]
- 3985 **CROATIA Hrvatski Radio** Deanovec 0200 iGlas Hrvatskai then iVoice of Croatia IDs; into iCroatia Today; f-g; 8/25. (Coady-ONT)
- 4080 **UNIDENTIFIED** 2310-2318 Lite acoustic/vcl mx in unid lang.; v. weak-poor; buried under band noise; 9/3. (Barbour-NH)
- 4409.8 **BOLIVIA R. Eco** Reyes 0000-0012 M ancw w/ slow ancments; "severcio de ?"; 8/13. (Wilkner-FL)
- 4319U **DIEGO GARCIA AFN** [UTC?-ed.] EE nx under RTTY ute; 8/18. (Wilkner-FL)

- 4450 **NORTH KOREA AINDP** Pyongyang 1047 (P); Alternating M & W ancrs in KK; poor; 8/21. (Taylor-WI)
- 4451.2 **BOLIVIA R. Santa Ana** Santa Ana de Yacuma 2340-2350 Mx; weak sig; 8/17. (Wilkner-FL)
- 4699.97 **BOLIVIA R. San Miguel** Riberalta 0914-0920 M ancr w/ talk & up-beat mx; p-f; 8/12. (Barbour-NH)
4700 1005-1020 "La Espananza de?" into mx; good; 8/20. (Wilkner-FL) 1035-1046 Slow ballad; ments. de Riberalta & "toda vida en Santa Cruz..."; 8/28. (Wilkner-FL)
- 4716.19 **BOLIVIA R. Yura** Yura 1023 Impressive rustic Peruvian vcl mx; TC's seem slow; 8/20. (Wilkner-FL)
- 4746.94 **PERU R. Huanta 2000** Huanta Ayacucho 1001 Hyper W ancr w/ rustic vcl; great sig; 8/19. (Wilkner-FL)
- 4754.89 **BRAZIL R. Imaculada Conceição** Campo Grande 0217-0225 M ancr in PP; slow relg mx then W ancr w/ same; sig to nearly 30dB at times; coming thru the static crashes quite well for brief periods; f-g; 8/5. (Parker-PA)
- 4775 **BRAZIL R. Congonhas** Congonhas 0815-0820 Lcl type mx; 0818 W ancr in PP w/ ID; poor; 8/21. (Wlodarski-NJ)
- 4775 **SWAZILAND TWR** Manzini 0401-0405 M ancr w/ GG relg talk; relg mx; v. good; best reception this year; 8/28. (Evans-TN) 0346 (P); W in listed Lomwe w/ Biblical talk; poor; 8/30. (Taylor-WI)
- 4780 **DJIBOUTI RTD** Atta 0307-0314 Kor'an chants; M & W ancrs; pounding in w/ 40dB sig & super loud audio; exc.; 7/14. (Parker-PA)
- 4790 **INDONESIA R. Fak Fak** 1157 Surprised to find best extracontinental 60m sig; really only 1 kW?; well-modulated Indo talk giving CODAR a run for its money as well as storm noise lvl from around Deep Water Horizon &/or SE Montana; freq a smidgin on low side; last measured by R. Howard 40Hz low; 1159 mx; 1200 SCI; timesig about 35 seconds late into W ancr w/ (P) Warta Berita; by SCI at ToH it's synchronized // weaker 4750 Makassar* but 4605-Serui inaudible; off again?; all gone by 1215; 8/3. (Hauser-OK)
- 4790 **PERU R. Vision** Chiclayo 1014-1017 Usual SS preacher over distorted PA system; sig to only 10dB but f-g on quiet morning; 7/15. (Parker-PA) 0159 (P); SS wailing/speaking in tongues segment through ToH; 8/12. (Taylor-WI) 0805-0810 ID followed by Andean type mx; fair; 8/21. (Wlodarski-NJ) 0731-0740 M ancr w/ relg prgrming; good; 8/28. (Wlodarski-NJ)
- 4795.87 **BOLIVIA R. Lipez** Uyuni 1033 Mx prg w/ M DJ; ments. de Bolivia; 8/20. (Wilkner-FL) 4795.89 *0858-1034* (T); Threshold audio; perhaps abbreviated sked for Sunday morning; 8/1. (Jordan-TN) *0848-1100 Threshold audio; briefly peaking between 1030-1040 w/ monologue by M ancr; perhaps inspirational; 8/2. (Jordan-TN) 1000 Orchestral mx; laser sound FX w/ partial ID "banda de ...metros"; 8/30 & 9/2. (Wilkner-FL) 4796 0925-0940 Lcl type mx; ID at 0930; dead air until 0932 W ancr w/ ID followed by mx; f-p; 8/22. (Wlodarski-NJ)
- 4799.99 **INDIA AIR Hyderabad** *0040-0050 Threshold audio briefly heard at s/on; M ancr followed by W; 8/2. (Jordan-TN)
- 4805 **BRAZIL R. Difusora do Amazonas** Manaus 1000 Noted w/ weaker sig than normal; 8/19. (Wilkner-FL)
- 4814.95 **ECUADOR R. El Buen Pastor** Saraguro 1000-1040 Noted w/ weak sig; 8/17-19. (Wilkner-FL)
2340 Noted here; troubled by ute; narrow filter to tune; 9/3. (Wilkner-FL)
- 4824.46v **PERU LV de la Selva** Iquitos *1048-1110 Lively vcl at s/on; greetings by low key M ancr at 1052 ment. Iquitos & FM; into monologue; fair but poor modulation; fading rapidly; 8/2. (Jordan-TN)
- 4825 **UNIDENTIFIED** 0915-0920 M ancr in PP; 8/28 & 9/1. (Wilkner-FL)
- 4826.6 **PERU R. Sicuani** Sicuani 0935-0945 M ancr over lcl type mx; fair w/ CODAR; 8/22. (Wlodarski-NJ)
4826.66 0920 Traditional Peruvian mx; impressive sig; 8/19. (Wilkner-FL)
- 4828 **ZIMBABWE ZBC** Gweru 0242 M ancr in vern. w/ long talk/speech; poor; 8/2. (Taylor-WI)
0357-0405 In EE & vern. w/ slow pop mx; stringed instrument at 0359 alternating w/ short ancrments by M; M ancr at 0400 w/ (P) nx; poor w/ CODAR; best sig strength this year but still difficult to understand spoken segments; at times the lang sounded like EE but at other times more like a lcl dialect; 9/7. (Evans-TN)
- 4830 **MONGOLIA Mongolian Radio 1** Altaj 1325 In (P) Mongolian w/ EZL mx; clearly //4895; both almost fair; but 4895 quickly mixing w/ (P) AIR which was f/in; has been a while since I last heard both freqs; 9/1. (Howard-CA)[great catch-ed.]
- 4835.40 **PERU R. Marañon** Jaen 1010 W ancr en espanol; w/ narrow filter LSB; 8/13. (Wilkner-FL)
- 4840 **USA WWCR** Nashville 0015-0100 Outstanding blues mx prg; first I've heard this one; it must be a Friday UTC thing from 000-0100; usual rockcrusher 80dB sig w/ breathtaking audio; 7/23. (Parker-PA)
- 4845 **MAURITANIA R. Mauritanie** Nouakchott 2245-2301 M & W ancrs in vern. w/ banter; phone call w/ W listener; instrumental w/ sitar-type instrumentets; (P) ID w/ bits of anthem-like mx at ToH; 60dB sig & exc. audio; this is probably a good time to listen for this strn; rather than t/in after WWCR-4840 fires up & then grousing about them being on 60m; 7/13. (Parker-PA) [perhaps if WWCR weren't wiping out a 10-20 kHz wide swath of the 60m band, there would be no grousing-ed.] *0552-0715 Salah of Fajr recitation in progress ending exactly at 0642 Nouakchott sunrise; followed by sermon; greetings by M & W at 0648; ments. of Mauritanie

- into long vcl accompanied by lute until 0700; more Moorish mx after ToH; exc. sig in USB to avoid WWCR; 8/1. (Jordan-TN) *0537-0645 Morning prayer until 0631; canned ancment by W then long monologue by M ancr; f-p; 8/2. (Jordan-TN) 0247-0312 Mid-Eastern style mx followed by two ancrs in AA w/ nx discussion; no ancments at ToH; f-g but static made this fair overall; 8/14. (DiAngelo-PA) 2306-2315 Two ancrs in AA w/ nx items & discussion; exc.; great late afternoon & evening for Africans; 8/21. (Wlodarski-NJ) 2201 AA Kor'an chanting; poor & fluttery 8/25. (Coady-ONT) 0345 Qur'an; audible next to WWCR; fair; 8/30. (Taylor-WI)
- 4850.28 **PERU R. Genesis** Huanta 0030-1130 (T); Overnight sig; threshold audio from 0100-0200 & then again at 1119; just after Huanta sunrise; barely able to make out vcl; they appear to been off 8/1-3; this is the first sign of them I have seen; 8/4. (Jordan-TN)
- 4857.36 **PERU R. La Hora** Cusco 1130 Noted w/ weak audio 1130; 8/30. (Wilkner-FL) 2330-2345 Noted here w/ ID; 9/3. (Wilkner-FL) 4857.4 While a regular at 2330, beginning to be heard by 1120 in Florida; 8/17, 19-20. (Wilkner-FL)
- 4865 **BRAZIL R. Verdes Florestas** Cruz do Sul 0955-1010 In PP w/ "live" concert of M w/ guitar; slow ballad & crowd applause; M ancr w/ "Florestas" ID & freq at 1007; 20dB sig on a noise free band this morning; exc.; 7/15. (Parker-PA)
- 4885 **BRAZIL R. Clube do Pará** Belem 0203-0205 Two fast talking M ancrs in PP; walloping in w/ 60dB sig; exc.; 8/5. (Parker-PA) 0840-0845 Samba mx; 0842 ID followed by more sambas; v. slurry; 9/4. (Wlodarski-NJ) 0839-0850 Samba type mx; fair; 9/12. (Wlodarski-NJ)
- 4900 **GUINEA Familia FM** Conakry 2224-2235 Two M ancrs w/ relg talk; 2231 ID; p-f w/ CODAR; first time hearing this one for me; 8/21. (Wlodarski-NJ) 2303-2337 (P); M ancr w/ FF talk; hi-life mx at 2311; ancr at 2323 between mx bits; (P) ad string at 2328; more hi-life mx after BoH; M ancr over wind instruments at 2337; p-f at best w/ CODAR lvl varying throughout, from just audible to obliterating; 9/4. (Barbour-NH) 2256-0001* Prg of mx hosted by W ancr in FF; first clear ID noted at 2343; hi-life vcls until closedown ID & ancments at 2359; carrier cut after brief instrumental mx segment; p-f w/ QRM but improving throughout; 9/6. (DiAngelo-PA)[congrats on the ID-ed.]
- 4900 **UNIDENTIFIED** 1105-1130 Noted audio here; f/out; 2330-2340 Noted here as well; 8/30; 9/1-2. (Wilkner-FL)[maybe Familia FM Guinea?-ed.]
- 4910 **AUSTRALIA VL8T** Tennant Creek 0818-0825 EE nx cmntary; poor; 9/6. (Wlodarski-NJ)[nice catch-ed.]
- 4910U **MADAGASCAR RTV Malagasy** Antananarivo 0350-0400 Lcl African mx; talk in lcl lang; weak but readable; nothing heard on 5010; new freq or punch-up error?; tnx J. Savolainen tip; 8/20. (Alexander-PA)
- 4914.96 **BRAZIL R. Difusora Macapá** 0030-0616* F/up to almost fair lvl by 0100; pop & ballads; "R. dio Difusora de Macap. " ID by M ancr; slight echo FX; no sign of other Brazilians tonight & Macap. txmitter cut-off at 0616 leaving ch. empty; *0758 back on 4914.97v but threshold sig & slowly drifting downward; 4914.968 by 0900; 8/4. (Jordan-TN) 4915 0427-0433 M ancr in PP w/ slow ballads; 50dB sig; g-exc.; 7/29. (Parker-PA) 0325 Contemporary PP dance mx w/ M ancr; 0330 iRadio Difusora; poor; //4885 R. Difusora Acreana Rio Branco; fair; 9/5. (Taylor-WI) 0830-0840 Lcl ballad type song followed by ID & freq by M ancr; 0833 ad string; good; 9/12. (Wlodarski-NJ)
- 4915.02 **BRAZIL R. Daqui** Goiania *0900 S/on w/ full canned ID by M ancr ment. multiple freqs; greetings by ancr directly into Latin ballad; dominant over co-ch. R. Difusora de Macap. causing a low rumble; strong CODAR; 8/4. (Jordan-TN)
- 4920 **INDIA AIR Chennai** 0036-0049 M ancr w/ nx in Hindi; Hindi vcls from 0041; p-f but beginning to fade by t/out; 8/18. (DiAngelo-PA)
- 4925.3 **BRAZIL R. Educação Rural** Tefe 1006-1015 Ad string; 1008 ballad type mx w/ flutes; fair; 9/5. (Wlodarski-NJ)
- 4930 **BOTSWANA VOA** Pinheira 0420-0423 EE nx; 40dB sig should have been more than enough; but static & CODAR made a mess of it; p-f; 7/29. (Parker-PA) 0303-0317 W ancr w/ EE nx; ID at 0304; prg previews followed by Daybreak Africa features; fair w/ some CODAR splatter; 8/2. (DiAngelo-PA)
- 4935 **BRAZIL R. Capixaba** Vitoria 0831-0840 06-Sep, Portuguese language Male announcer w/news and commercials. Fair. (Wlodarski-NJ)
- 4949.8 **ANGOLA R. Nacional de Angola** Mulenvos 0406-0415 M ancr in PP; ancments over pop mx at 0407 followed by mx; poor but readable sig; only the second occ. this year in which audio has been heard from them; usually only a carrier is present; 8/28. (Evans-TN) 0254-0322 Mx until pips at 0300 followed by W ancr w/ ID & M ancr w/ PP nx; return to mx prgrming at 0307; poor; 9/11. (DiAngelo-PA) 4949.82 2342-0002 Ballad at t/in; M ancr in PP w/ (P) ad; more mx from 2345 w/ occ. W ancr between selecx; pips/ID at ToH followed by W ancr w/ nx; p-f w/ notch filter getting a workout due to huge het, (P) via 4950-India; 9/4. (Barbour-NH) 4949.9 0040

- Phone call & jabbering; best in years; 8/18. (Paszkwicz-WI) 4949.94 0209-0217 (P); EZL mx w/ a bit of talk; W anc in PP from 0212; poor; 8/10. (Barbour-NH) 4950 2257-2305 lcl type mx; 2300 ID w/ time pips; fair; 8/21. (Wlodarski-NJ)
- 4950 **KASHMIR R. Kashmir** 1341 (T); Briefly heard under V. of Pujiang; non-stop chanting/singing; rare that I hear this; 9/5. (Howard-CA)
- 4950 **PERU R. Madre de Dios** Pt. Maldonado 1030-1040 Carrier s/on ;weak audio; 8/17 & 19. (Wilkner-FL) 4950.06 *1032-1110 (T); Only threshold audio noted & quickly fading from 1100; 8/1. (Jordan-TN)
- 4955 **PERU R. Cultural** Amauta Huanta 0007-0021 M & W anc in SS; sig to only 5dB on peaks but in the clear w/ v. good audio; strnge situation-they were either in there or gone altogether; no perceptible QSB; could have been trouble at the stn or a propagation anomaly; too weak here to be certain; gone completely by t/out; 7/14. (Parker-PA)
- 4960 **BOTSWANA VOA** Pinheira 0418-0420 EE nx; 50dB sig; g-exc.; 7/29. (Parker-PA) 0430-0531* EE to Africa; listed Hausa from 0500; Yankee Doodle IS at 0530:30; modest peak at 0448 txmitter sunrise; 8/1. (Jordan-TN) 2358 Carrier on; 0000 "This is the Voice of America now signing on.i; into FF nx; poor; 9/1. (Taylor-WI)[new time??-ed.]
- 4964.96 **BRAZIL R. Alvorada** Parintins *0846-1010 (P); Low-key relg talk; inspirational mx; v. slight peak around 0953 Parintins sunrise; poor; 8/1. (Jordan-TN) 4965 0925-0930 M anc w/ PP relg talk; fair; 9/4. (Wlodarski-NJ)
- 4965 **ZAMBIA CVC** Lusaka 0431-0434 W anc in vern. w/ reverb; relg mx; sig to 50dB; exc.; 7/23. (Parker-PA) 0430-0601* EE pop Christian mx inter-spaced w/ inspirational talk; nice peak in the 30 minute period after 0431 sunrise in Lusaka; confirmed txmitter left the air at 0601 even though sig had faded to nothing more than a weak carrier; 8/1. (Jordan-TN) 0428 Mellow, contemporary EE Christian mx; poor; 8/7. (Taylor-WI) 2241-2250 M anc w/ relg talk; 2245 M anc w/ ID followed by modern relg mx; g-exc.; 8/21. (Wlodarski-NJ) 0208 W anc w/ African accent; interview w/ M from Zambia; into instrumental mx at 0210; weak & fluttery w/ CODAR 8/26. (Coady-ONT) 0410-0415 Contemporary relg mx; prayer by W at 0411 then more mx; good; best since Winter; 8/28. (Evans-TN) 0136 EE prg & gospel songs; all in noisy band condx; f-p; 9/7. (Ronda-OK)
- 4970 **INDIA AIR Shillong** 1330 President's address to the nation, in Hindi, followed by same speech in EE which ended w/ iJai Hindi (Victory to India); 8/14. (Howard-CA)
- 4974.8 **PERU R. del Pacifico** Lima 0003-0006 M & W anc in (P) SS; slow mx; sig peaking to only 15dB but in the clear & near fair; 7/14. (Parker-PA) 0829-0840 W anc w/ relg talk; p-f; 8/21. (Wlodarski-NJ) 0725-0730 W anc w/ relg prgrming; poor; 8/28. (Wlodarski-NJ)
- 4985 **BRAZIL R. Brasil Central** Goiania 0533-0535 M anc w/ PP pops; 40dB sig; exc.; 7/28. (Parker-PA) 0030-0200 W DJ spinning pop Brazilian vcls; 0101 M anc w/ canned ID ment. multiple freqs then "R·dio Brasil Central, Goi,nia, Goi,nia"; initially poor but rapidly improving to exc. by 0100; started fading after 0200 & remained at threshold lvl the rest of the night; 8/4. (Jordan-TN)
- 4986.86 **PERU R. Manantial** Huancayo 2340 Noted here; weak under t-storm; 9/3. (Wilkner-FL)
- 4989.98 **SURINAME R. Apintie** Paramaribo 0600-1000 Occ. peaks w/ pop mx; talk by M & W anc; minor but steady peak just after 0936 sunrise in Paramaribo w/ monologue by M in (P) Dutch; relg vcls; occ. QRM from SS chatter, perhaps Pescadores, on 4991.4 USB; 8/1. (Jordan-TN) 4990 0848-0900 Relg song; followed by cmntary w/ m anc; 0900 ID; fair; 8/7. (Wlodarski-NJ) 0953-1000 M anc in Dutch w/ lcl ancments & mx; fair; 8/21. (Wlodarski-NJ) 0916-0920 W anc w/ long cmntary; poor; 9/4. (Wlodarski-NJ)
- 5010 **INDIA AIR Thiruvananthapuram** 0040-0100 Nx in EE followed by Hinid mx prg; 0056 M anc w/ ID; f-g at times; 8/15 & 22. (Wlodarski-NJ) 0050-0122 M w/ Hindi vcls followed by M anc w/ Hindi talk opening discussion prg where various M spoke; end of prg at 0106 w/ flute mx; more discussion features followed; p-f w/ sig hanging in nicely; 8/16. (DiAngelo-PA) 0242-0320 T/in to contemporary Christian mx; IS at 0257; choral NA at 0259; Malagasy talk at 0301; lcl guitar mx; radio-drama; poor to fair; reduced carrier USB; 8/28. (Alexander-PA)
- 5010 **MADAGASCAR RTV Malagasy** 0348-0411 M anc w/ rap vcl selectx; M anc w/ Malagasy talk & ID over instrumental mx; lcl vcls followed to 0359 when M anc w/ ID & intro'd diff. M w/ nx; fair; 8/17. (DiAngelo-PA) 1355 Decent recep x via long path!; IDs iRadio Madagascar i; ads; pop songs; phone calls; //6134.9v; no sig heard on 7105; 9/1. (Howard-CA)
- 5019.9 **SOLOMON ISLANDS SIBC** Honiara 1108-1114 W anc in EE; (P) BBC or Australian nx; poor w/ minimal fading; blasted by Rebelde-5025; first log on this freq in a couple of years; 9/11. (Evans-TN) 5020 0922-0935 M anc in vern. w/ lengthy talk thru BoH; p-f in ECCS-LSB w/ mild 5025-Rebelde splash; 8/3. (Barbour-NH) 0930-0940 EE cmntary by W anc; 0933 ID; f-g; 8/8. (Wlodarski-NJ) 1158 M anc in Tok Pisin; country mx; 1202 Christian devotional message & prayer; 1205 W anc w/ iYou have been listening to the Solomon Islands Broadcasting Corporation, Radio Hapi Islesi; freqs; close w/ NA; poor; 8/24. (Sellers-BC)
- 5025 **CUBA R. Rebelde** Havana 0520 Just open carrier; 8/8. (Hauser-OK)

- 5039.21 **PERU R. Libertad** Junin 1130 Noted s/on as late as 1130; 8/11. (Wilkner-FL) 1105-1125 F/out; poor; 8/30 & 9/1. (Wilkner-FL)
- 5044.98 **BRAZIL R. Cultura do Para** Belém 0430-1000 Overnight mx prgs: Madrugada Cultura until 0600 then seamlessly morphing into GeraÁ, o MPB (Música Popular Brasileira); same laid back M anc; variety Brazilian mx; full "Cultura FM, Belém, Par., Amazônia" ID at 0611; occ. "Cultura F-M" or prg IDs between every two-three songs; huge sig all night despite RHC-5040; not fading until just before 1000; 8/1. (Jordan-TN) 5045 0602-0605 Slow mx; audible but truncated by adj. QRM; poor; 8/6. (Parker-PA) 0908-0915 Mx; instrumental waltz; 0910 jazz selex; exc.; 9/4. (Wlodarski-NJ)
- 5050 **CHINA Guangxi Beibu Bay Radio** Nanning 1228-1312 Mostly in Vietnamese; BoH IDs iThis is Guangxi Beibu Bay Radio; seemed to mostly be the iRoad to Health show; ToH pips (5+1) & IDs; iB-B-R News; iWeather Report; fair w/ v. faint AIR Aizawl QRM; audio of ID & EE words at < http://www.mediafire.com/?m1dg6h1ctcle7yh >; 8/6. (Howard-CA)
- 5055 **BRAZIL R. Difusora** Caceres 0142-0204 EZL PP pops/balls & occ. anc between selex; ID ancmt & jingle at 0201; couple of ads then back to mx; fair; 8/2. (Barbour-NH)
- 5055 **CUBA 0527 V.** poor sig in SS; mx mix; soon realized it was leapfrog of Cuba-5025 over 5040 & then confirmed by // audio; this might explain some unID on 5055, if both the Cubans are strong; 8/2. (Hauser-OK)
- 5460.33 **PERU R. Bolivar** Cd. Bolivar 2340-0000 Noted here in espanol; weak; 9/3. (Wilkner-FL)
- 5755.5U **GUAM AFN Barrigada** 1253 On new freq during Marketplace Morning segment on NPR Morning Edition; 9/10. (Hauser-OK)
- 5770 **MYANMAR Myanmar Defense Forces BC** Taunggyi 1425 (P); In vern. w/ pop songs; always enjoy their usual BoH format of brief indigenous musical selex followed by military marching band; 9/2. (Howard-CA)
- 5860 **SRI LANKA R. Farda** Irana Wila 0057 Persian mx; poor; //7280 Wertachtal; fair; 9/1. (Taylor-WI)
- 5865 **FRANCE R. Algerienne** Issoudin 0456 RTA w/ Qur'an but cut it off abruptly at 0457*; Allah'll get 'em for that; TDF waits for no man or god when the time comes to change freqs; meanwhile, back in Algiers, they ought to be aware of things like this & prg accordingly; 9/10. (Hauser-OK)
- 5880 **CUBA RHC Havana** 0710 (P); M in SS giving a speech at length; probably Raul Castro; poor w/ QRM from Cuban numberis stn, V2a, on 5883 which was booming in; 9/5. (Taylor-WI)[new freq?, anomaly?]-ed.]

International Band Loggings 5901-30000 kHz


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- 5910 **COLOMBIA Marfil Estereo** Puerto Lleras in SP 0320-0405, long sermon, ID, TC, Latin vocals, another religious talk began at 0403, good (D'Angelo PA 9/10)
- 5920v **MYANMAR Myanmar Radio** in Burmese/EG 1330-1500, usual indigenous theme music before the start of their non-stop educational lectures provided by the Minorities and Distance Learning Services, normal frequency is 5915 but heard on this frequency on 9/10 (Howard CA 9/5 and 9/10)
- 5930 **RUSSIA R Rossii** via Petropavlovsk in RS 0710-0800, local/regional programming, ID, long interview news, long dramatization, poor-fair, motor-boating sound QRM (Howard CA 8/27) in RS 1242, music by great Estonian composer Arvo Part, announcement mentioning Part who is being celebrated now in Estonia, motor-boat QRM, //5940 Magadan in the clear (Hauser OK 9/10)
- 5970 **BRAZIL R Itatiaia** Belo Horizonte in PT 2343, talks, YL w/ vocals accompanied by piano, more talk until blasted away by s/on of Havana at 2358, poor (D'Angelo PA 8/29)
- 60098v **COLOMBIA La Voz du tu Conciencia** Puerto Lleras in SP 0430-0505, local music, talk, ID in EG at 0438, religious talk in SP, radio-drama, fair w/minor frequency creep (Alexander PA 9/12)
- 6010 **CANADA R Sweden** relay in SW *0100, IS, ID, news, talk re Pakistan, good (McGuire MD 8/22)
- 60251v **DOMINICAN REPUBLIC R Amanecer** in SP 1015, religious talk, Christian music, ID, poor in noisy conditions (Alexander PA 9/3)
- 6040 **BELARUS Beloruskaje Radyjo 1** Grodno in Belarussian 0318-0443, news features, 5+1 time pips at 0400, ID, more news, YL hosting music program, mixing w/Brazil to 0400 (D'Angelo PA 9/1)
- 6065 **ZAMBIA R Christian Voice/CVC** relay via Lusaka in Vernacular 1507, pop African songs, religious sermon by excited African preacher, almost fair (Howard CA 9/7)
- 60899v **NIGERIA R Nigeria** Kaduna in Hausa 2109-2136, various announcers w/short talks and music bits, ID in passing, Koran-like vocals, call to prayer-like vocals, poor-fair (Barbour NH 9/3) in Hausa *0257-0330, drums IS 0300, choral anthem, religious citations, Qur'an, slight QRM (Alexander PA 9/3)

- 6090 **ETHIOPIA Amhara State Radio** Addis Ababa in Oromo *0256-0330, s/on w/IS, talk, local flute music, rustic local music, fair by 0315, ARM from Nigeria (Alexander PA 9/3)
- 6145 **CANADA China R Int'l** relay Sackville in EG *2300, ID, report on floods in China, commentary on South Korea, good (McGuire MD 8/9)
- 6165 **CHAD Radio Chad** NDjamena in FR *0428-0446, Balafon IS, NA, ID, announcements and talk, vocals at 0434, poor in noisy conditions (D'Angelo PA 8/29) in FR *0427-0459, s/on w/Balafon IS, NA 0428, talk 0430, music 0433, low modulation, covered by R Nederland 0459 (Alexander PA 9/8)
- 6250 **EQUATORIAL GUINEA R Nacional** Malabo in SP *0539-0605, s/on w/Afro-pop music, talk and announcements, fair w/occasional rtty QRM (Alexander PA 9/5) in SP 0558-0633, informacion matinal at 0600, ID, panorama nacional, ute beep QRM, hi-life music, fair-poor (Hauser OK 9/7)
- 7145 **LAOS Lao National Radio** Vientiane in FR/EG 1306-1400*, back on the air with news in FR and Laotian songs till 1331, theme music, canned ID "this is the Lao National Radio broadcasting from Vientiane, the Lao Democratic Republic, our English language is broadcast twice daily at 1300 hours and 2030 hours local time....", FM frequency, into news about visit from the President of India and Laos winning the most prizes at an ASEAN competition held recently in Bangkok, news also of crop damages etc., Laotian music and segment about a Buddhist festival in Laos (Howard CA 9/8-9/10)
- 7200 **SUDAN R Omdurman** Al Fithab in AR *0239-0431*, s/on with Qur'an, local tribal and pop music, fair signal but mixing w/weak Iran station until it signed off at 0330 (Alexander PA 9/6)
- 7255 **NIGERIA V of Nigeria** Ikorodu in Hausa 2120-2257*, talk, local tribal chants and some drums, sign off with national anthem, fair to good with weak co-channel QRM (Alexander PA 8/15)
- 7385 **ROMANIA RRI** Bucharest in EG 0007, ID, arts/culture feature, fair, //9580 (Sellers BC 8/23)
- 7425 **ALBANIA R Tirana** Shijak in EG *0230, IS, ID, frequency, sked, report on tourism (McGuire 8/20)
- 7460 **MOLDOVA Radio Payam-e Doost** relay via Kishinev in Farsi 0240-0315*, Mid-east style music, talk, ID, some instrumental classical-religious music, good (Alexander PA 9/6) in Farsi 0303-0315, talk, musical fanfare, YL announcer w/vocal music and instrumentals, fair-good (D'Angelo PA 9/10)
- 9445 **INDIA AIR** Bangaluru in HD/EG 2219-2230*, songs in HD, IDs, frequency info in EG at s/off, fair to poor with a fluttery signal (Ronda OK 9/6) in EG 2111, program details, commentary on the US Mission in Iraq followed by HD classical music, excellent signal (Wlodarski NJ 9/4)
- 95259v **INDONESIA V of Indonesia** Jakarta in IN/AR 1539-1604, non-stop EZL instrumental music, ID 1604 and anthem, into AR recital from the Qur'an, fair with no hum as heard in the past (Howard CA 9/2) in EG instead of listed JP at 1222, interview with someone in Bali about plans to demolish and replace the airport, songs, promo for station's Facebook and Twitter but then quotes that students who keep networking socially while studying make grades 20% lower and cites drawback of multi-tasking, promo for "Exotic Indonesia" program upcoming, music to 1301, ten repeated "Sound of Dignity" IDs and opening of "Exotic Indonesia", a special network program with RRI Banjarmasin, contact info with frequency, "Today in History" feature from Jakarta studio, news, listening difficult at times with audio dropouts and heterodynes, one has the impression that Studio Jakarta operates on an ad-hoc basis insofar as listed language is concerned (Hauser OK 9/7)
- 9650 **CANADA KBS South Korea** relay via Sackville in EG 1205, news, frequent IDs both as Korea Broadcasting System and KBS, excellent signal (Golden NY 9/7)
- 9655 **NEW ZEALAND RNZI** Rangitaiki in EG *1100, IS noted before the hour, time pips, YL with "Radio New Zealand News", fair to good but fluttery (Coady NOT 8/20)
- 9675 **BOSNIA International Radio of Serbia** relay via Bijeljina in EG *0028-0058*, IS, news, Press Review, Heritage Feature, ID and IS at closedown, good (D'Angelo PA 8/26)
- 9770 **AUSTRIA Polish Radio External Service** relay via Moosbrunn in EG 1815, Alicja Baczynska reporting on a feature for "News from Poland", very poor (Coady ONT 8/26)
- 9790 **CZECH REPUBLIC Radio Prague** in EG *0000, ID, report on flooding in the Czech Republic, good (McGuire MD 8/10)
- 9870 **SAUDI ARABIA BSKSA** Riyadh in AR 2136, continuous format of YL/OM announcers w/brief talks between music and sometimes over it, few mentions of Israel and Ramadan, ID in passing, bit of Call to Prayer, vocals, good listening in ECCS-LSB to avoid het (Barbour NH 9/4)
- 9890 **RUSSIA Voice of Russia** via Krasnodar in EG *2200, ID, news, report on Iran, g (McGuire MD 8/21)
- 11675 **AUSTRIA Polish Radio External Service** relay via Moosbrunn in EG *1200, Michal Kubicki hosting "News from Poland", fair (Coady ONT 9/8)
- 117103v **ARGENTINA RAE** General Pacheco in PT *0002, IDs, IS, time pips, multi-language IDs, into JP at 0107, frequency drift (Howard CA 9/1) in EG *0200-0247, multi-language IDs, program previews, tango music, news, fair to good (D'Angelo PA 8/25)
- 11765 **BRAZIL Super Radio Deus e Amor** Curitiba in PT 0114-0135, preaching, canned ID, frequency, more religious programming at 0132, poor to fair w/some splatter from Cuba (D'Angelo PA 8/16)
- 11970 **FRANCE Radio Nederland** relay via Issoudon in EG 2006, African Service, ID, website, report on Pakistan, fair (McGuire MD 8/21)

- 13730 **NEW ZEALAND RNZI** Rangitaiki in EG 0127, carrying BBC service with business news, then into New Zealand business report, fair (Sellers BC 8/23)
- 15085 **IRAN VOIRI** Kamalabad in GM 1726, slow instrumental music, chimes 1730, ID, anthem, and talk by YL in German, Koran recitation at 1731, good (Evans TN 8/24)
- 15110 **SPAIN REE** Noblejas in SP 2005, ID, news, report on Colombia, good (McGuire MD 8/12)
- 15120 **NIGERIA V of Nigeria** Ikorodu in EG 1845-1859*, local music, IDs, s/off announcement, good but low modulation of the voice portions of the broadcast (Delmage AB 8/28)
- 15145 **PHILIPPINES VOA** relay via Tinang in EG 2343, "VOA Special English Development Report" with discussion on obesity and diet in island nations, "This is America", fair, //13805 poor (Sellers BC 8/22)
- 15230 **AUSTRALIA RA** Shepparton in EG 2341, interview about impact of foreign policy on current Australian political scene, good, //15560, 17750, 17795 (Sellers BC 8/22)
- 15275 **THAILAND R Thailand** Udon Thani in EG *0000-0029*, IDs at s/on, news, station promos, ad for local restaurant, dropped to threshold level at 0029 with antenna move, f-p (Alexander PA 8/28) in EG *0000-0029*, opened w/Asian instrumental music followed by "Live from the public information department....", ID, national news, PSA and into Global News, poor to fair (D'Angelo PA 8/30)
- 15285 **PHILIPPINES R Pilipinas** via Tinang in EG *0200-0329*, news w/massive coverage of issues dealing with the botched hostage rescue of a tourist bus last month in which 8 Hong Kong tourists died, feature "Mindanao Update" including same information, "The Philippines Today", ezl pop songs, numerous IDs, NA (Lupang Hinirang) before s/off (Howard CA 9/10)
- 15345v **ARGENTINA RAE** Buenos Aires in SP 2310-2335, SP ballads, talk, very weak, //6060 with stronger signal but w/adjacent channel splatter (Alexander PA 9/3) in SP 2324, tango music, time pips 2330, multi-language IDs at 2357 s/off, exactly on frequency at this tuning (Howard CA 8/31)
- 15540 **KUWAIT R Kuwait** Sulaihiyah in AR 2100*, NA, pips, ID, news, abrupt s/off, g (McGuire MD 8/21)
- 17605 **FRANCE R France Int'l** Issoudon in EG 1611, news to 1615, ID, poor, //15605 (Sellers BC 9/4)
- 21695 **LIBYA Voice of Africa** Sabrata in EG 1435-1506, music, ID at 1438 "This is the Voice of Africa from the Great Jamahiriya", talk about the constitution, program about the people of Africa, poor to fair with deep fades, //17725 poor (D'Angelo PA 9/11)

Clandestine And Opposition Stations

- 5910 **JAPAN Shiokaze/Sea Breeze** via Tokyo in EG *1400-1430*, segments of "Today's News Flash" and "Today's News on North Korean Issues", IDs, new segment at 1425 "This is a message from the Japanese Government": The Japanese Government will surely bring all the abductees back home": the government will be broadcasting (every night?) a program in Japanese and Korean with a frequency of 9000 kHz", into the Shiokaze's normal canned s/off announcement, poorer than usual due to moderate jamming (Howard CA 8/27)
- 5950 **ETHIOPIA V of the Tigre Revolution** via Addis Ababa in Tigrinya 0353-0357, Horn of Africa music, talk by OM, poor signal under WYFR via Taiwan (Evans TN 9/9)
- 6030 **ETHIOPIA R Oromiya** in Oromo *0321-0407, xylophone IS, ID, announcements, music fanfare, Horn of Africa music, news 0400, poor to fair (D'Angelo PA 8/23)
- 62483v **ALGERIA Western Sahara RASD** in AR *0601-0620+, anthem, Qur'an 0602, talk, Mid-East music, slightly off their usual 6297 frequency, drifting frequency, fair w/weak QRM (Alexander PA 9/12)
- 6297 **ALGERIA Western Sahara RASD** via Rabouni in AR 2251-0020, vocals, 3 time pips 2300, ID, news, music features, discussion program, frequency announcement, NA, good to fair (D'Angelo PA 8/25)
- 7220 **ERITREA V of the Broad Masses of Eritrea** in Vernacular *0355-0420, s/on w/IS, talk, local pop music, fair but covered by noise jammer at 0359 (Alexander PA 8/28)
- 9710nf **ERITREA V of the Broad Masses of Eritrea** in Vernacular *0355-0410, s/on w/IS, talk at 0400, some local Horn of Africa music, fair to good, //7175 poor w/jamming (Alexander PA 8/20)
- 9740 **SLOVAKIA Radio Miraya** relay in AR/EG 0358-0412, talk in AR, news in EG 0401-0411 about freedoms in Southern Sudan, IDs, jingles, website, more AR talk, poor to fair (Alexander PA 8/21)
- 9875nf? **MADAGASCAR Radio Voice of the People (Zimbabwe)** relay in Vernacular 0410-0436, features, short music segments b/w items, several IDs, postal address in Zimbabwe, fair (D'Angelo PA 8/17)
- 15350 **RUSSIA Radio Bilal** relay via Samara in Amharic *1800, s/on w/local chants and opening statements, ID, talk, local tribal chants, fair to good (Alexander PA 8/22)
- 17745 **PORTUGAL Sudan Radio Service** relay via Sines in EG 1500-1530, IDs, "Let's Talk" w/radio-drama and discussion about problems in southern Sudan, short breaks of Afro-pop music, into AR language at 1530, poor to fair in noisy conditions (Alexander PA 9/4) 

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