

The **NASWA** Journal

VOLUME XLXI NUMBER 7

JULY 2011

Radio Kahuzi

Short wave 6.210
Bukavu, Democratic Republic of Congo

73S To: Johann Wiespointner

Bonne nuit

Quality Radio Equipment Since 1942



DX-R8T



SPECIFICATIONS

Receiver Coverage: 30 kHz - 29.99999 MHz
 Modes: USB/LSB, CW, AM, FM
 Operating Temp. Range: +14° to +140° F
 Frequency Stability: ±1ppm -10° to +50°C
 Antenna Impedance: 50 ohms unbalanced
 Power Requirement: 13.8 VDC ± 15%
 Memory Channels: 600 alphanumeric
 Memory Banks: 3 banks of 200
 RIT Range: ±1.2 kHz
 Current Drain Receive @13.8VDC: 1 amp,
 Current Drain Squelch @13.8VDC: 0.7 amp
 Dimensions (W, H, D): 9.45 x 3.95 x 11.6 inches
 Weight: 9 lbs.
 Receiver System: Double Conversion Superhet.
 Sensitivity: SSB, CW: (0.15-1.8 MHz) 1µV
 (1.8-30 MHz) 0.25µV
 AM: (0.15-1.8 MHz) 10µV
 (1.8-30 MHz) 2µV
 (28-30 MHz) 0.5µV
 Selectivity:
 SSB, CW: 2.4 kHz/-6 dB, 4.5 kHz/-60 dB
 AM Narrow: 2.4 kHz/-6 dB, 4.5 kHz/-60 dB
 AM, FM: 6 kHz/-6 dB, 18 kHz/-50 dB
 Intermediate Freqs: 1st IF: 71.75 MHz
 2nd IF: 455 kHz
 Image rejection: More than 70dB
 Audio Output: >2 Watts @ 6 ohms, 10% THD.

The Alinco DX-R8T receiver covers 150 kHz to 30 MHz in SSB, CW, AM and FM modes. Features include: IF shift, band and memory scanning, attenuator, preamp, RIT, IF shift and noise blanker. The front panel head is removable up to 16 feet with the optional EDS-17 cable. Enjoy 600 alphanumeric memories (3 banks of 200 channels). There are rear panel connectors for external devices including IQ output for possible use in SDR applications, DRM, external decoding, etc. Supplied with DC cord and Owner's Manual. Requires 12 VDC at 1 amp. Please note that an AC power supply is not included with this radio. A 12VDC filtered 3 amp (or greater) power supply is required. We suggest the Samlex RPS-1204CPBT. Size: 9.45 x 3.95 x 11.6 inches.
 List \$699.95 Order #0084 \$599.95

DX-R8T OPTIONS

#	Item	Description	Price
5186	EDS-17	Head Ext. Cable 16 feet	\$54.95
3634	EDC-36	Cigar Lighter DC Cable	24.95
1695	ERW-7	USB PC Interface Cable	45.95

Samlex RPS-1204CPBT

The Samlex RPS-1204CPBT regulated linear power supply provides 13.8 VDC at 4 amps continuous or 6 amps surge. 5.1 x 3.5 x 7.3 inches 5 Lbs.
 List \$133.60 Order #4106 \$24.95



Please visit our website to view some interesting screen shots of our DRM receptions.



The RFspace NetSDR is a high performance networked software designed receiver covering 10 kHz to 34 MHz with a 1.6 MHz bandwidth. The NetSDR uses a high performance 80 MHz, 16 bit ADC with both dithering and randomization for best performance. The output I/Q bandwidth is configurable via software. PC communications are handled over a 100 base-T port using 24 or 16 bit I/Q words.

The NetSDR is a complete plug and play solution. As opposed to other SDRs in the market, there is no need for additional preamplifiers, preselectors or code development. The unit is compatible with the Moetronix SpectraVue and SDR-Radio software that will have you up and running in minutes. The software includes analog and digital mode demodulation and I/Q capture of spectrum at up to a 1.60MHz BW. The SDR-Radio software allows the use of the NetSDR over the internet. The full

1.6 MHz waterfall and demodulation audio can be transported via a 5 KB/s link. For those interested in writing their own applications, RFSPACE supplies a fully documented protocol for communicating with the hardware. There is no need to calculate the downconverter DSP parameters. The NetSDR just needs the center frequency, attenuator and preselector filter settings, output sample rate and mode to begin streaming data. Other solutions require complicated USB interfacing that is platform specific. The NetSDR utilizes straight TCP/IP and ethernet for all communications. This offers the highest possible performance due to the highly optimized ethernet drivers on PC, Mac and Linux systems.

The NetSDR packets are fully routable. This means that the receiver can be placed at remote locations. Multiple receivers can also be combined and their data transported over a higher data rate ethernet pipe using simple switches and routers. In this application, each NetSDR can be set to a different IP address or port.

NetSDR Order #0383 \$1449.95

The NetSDR may also be ordered with the REFLOCK option factory installed.
 NetSDR-REFLOCK Order #1958 \$1998.95

NetSDR OPTIONS

#	Item	Description	Price
4811	REFLOCK	Low noise OXCO ref. lock	\$599.00

SPECIFICATIONS

Frequency Range: 10 kHz - 34 MHz
 Digital Down Converter: Xilinx FPGA
 Synchronization : Optional Frequency Only
 PC Interface: Ethernet 100 base-T (UDP/TCP/IP)
 Filters: 115+ dB 80% Alias Free BW
 Decimation Rate: Variable 40-6400 (in 4 increments)
 Output I/Q Bandwidth: 10 kHz to 1.60 MHz
 DDC Flatness: <0.5 dB
 Dynamic Range: 104+ dB
 MDS Preamp Off (500Hz): +129dBm 1.8 - 30 MHz
 MDS Preamp On (500Hz): +130dBm 1.8 - 30 MHz
 Analog to Digital Converter: 16 bit with Dither
 Preselection: 10 Filters
 Attenuators: 0, -10dB, -20dB, -30dB
 Sample Rate: 80,000 000 MHz
 Memory: 65536 x 16 bit samples
 External Radio Control: Built-in RS-232 port
 Dimensions: 8 x 1.5 x 6 inches
 Power: 5 Volts DC @ 1.5 Amp
 Connections:
 BNC RF In, BNC Ext Ref, BNC IF Out,
 RS-232, USB Setup, Stereo In, Ethernet,
 Power, RX Mute.
 Compliance: CE, FCC, IC

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 Prices shown are after milg's. coupons.
 Returns are subject to a 15% restock fee.

NASWA Notes

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

Welcome aboard **Steve Handler**, our new editor for the International Bands log report column. This month is his first as editor. Thanks to retiring International Bands editor **Wally Treibel** for his many years of service to the club. We hope to see Wally prowling the bands in his new found "spare time".

A new country is expected to be added to our country list in the near future. NASWA Country List Committee Chairman **Don Jensen** notes that the committee has already considered the issue and has approved adding South Sudan to the list as a new country, on the basis of Radio Peace operations. The actual name will be decided when it actually occurs. It is anticipated to become effective when independence actually occurs which is anticipated for some time this month. Don will have a more complete announcement about this occurrence, probably in the August issue. The online country list will be updated accordingly.

Coming up on Saturday, August 20, 2011, from 1:00 PM until whenever is the 18th Annual Madison-Milwaukee Get-Together for DXers and Radio Enthusiasts. This year will be once again hosted by **Tim and Jill Noonan** and their sons Chris and Paul, 801 East Park Boulevard in Oak Creek, Wisconsin - the same location as last year. There is ample free street parking on Centennial Drive, on either side of the street. There are no accommodations for people to stay overnight, however, the many motels near Mitchell International Airport are about 20 minutes away. A list of area motels, with name, address, and phone number, is available on request. There is no formal agenda. This is a chance to have fun, exchange ideas, make new friendships, and renew old ones. If you like, bring along radios, antennas, stickers, QSLs, photos, or any show-and-tell items. Be sure to bring your camera for our

annual group photo. Spouses, significant others, and children are most welcome, but no pets or smoking please. The organizers will provide soda, beer, and snacks. You are welcome to bring food or drink for your own consumption and to share, but please feel no obligation. There is plenty of room outside, and we suggest you bring along a lawn chair. In case of rain, we can also accommodate the group indoors. For dinner the group plans to go out around 5:30 PM. After dinner, everyone is invited back to the house. The dinner will be at Melrose (same place as last year), located at 6840 S 27th St in Oak Creek, about a 10-minute drive from the meeting location. Please RSVP to allow the Noonans to know how many people to expect. Please contact Tim, preferably more than a week before the event, using the most convenient method: Tim Noonan, 801 E Park Blvd, Oak Creek WI 53154-3929. Phone: (414) 762-2702 (where there is an answering machine); E-mail:DXing2@aol.com. This is a great event and an excellent opportunity to informally gathering with other like-minded radio enthusiasts.

The National Radio Club (NRC) has set the dates for its annual convention. This year's gathering will be hosted by **Ernie Wesolowski** and **Carl Mann** in Omaha, Nebraska on October 13-16, 2011. This is a little later than usual for the NRC. The registration fee is \$45.00 per person and room rates are \$88.62 per night for up to four in a room. Once again, it will be a joint convention with the WTFDA.

The latest version of the PAL Radio Guides covering all medium wave and shortwave radio stations across the Asia and Pacific region is now available from www.radioheritage.com. The PAL Radio Guides provides detailed station data such as operating times, languages, location, and much more

Unity and Friendship

for all known AM and SW radio stations operating in the region. The PAL Radio Guides are compiled in Seattle by Editor-in-chief **Bruce Portzer** from monitoring reports, official sources and feedback from listeners across the region. Access is free for non-commercial use. Feedback, corrections and updates from users are always welcome and will be incorporated in future versions. Simply email your comments to info@radioheritage.net.

Any members participate in the big international DX contest run by Adventist World Radio (AWR) during the month of June? Each year AWR holds a contest as a service to the international radio community to foster an interest in shortwave listening and broadcasting. This year's event commemorated the 40th anniversary of AWR. The musings column would be interested in hearing about your experiences with this year's contest and/or past contests.

As I close my columns for this month, it is in anticipation of an upcoming trip. My wife and I are off to France for a two week vacation. I am looking forward to returning to Paris and seeing more of the countryside after 30+ years since my last visit. No radio plans for this trip; just enjoy life in another country for a change.

Finally, don't forget to pick up your copy of the Danish Shortwave Club International's (DSWCI) 13th edition of its annual Domestic Broadcasting Survey (DBS). The Tropical Bands Survey portion covers all active broadcasting stations on 2300-5700 kHz, including clandestine stations. The Domestic stations on international short-

wave bands above 5700 kHz broadcasting to a domestic audience is in the second part. Also, there is a deleted frequency section between 2 and 30 MHz which have not been reported heard during the past five years, but may reappear. You can order your copy from the DSWCI treasurer: DSWCI, c/o **Bent Nielsen**, Egekrogen 14, DK 3500 Vaerloese, Denmark. The e-mail edition of the DBS costs DKK 35,00 or US\$7.00 or EUR 5,00 or GBP 4,00 or SEK 45,00 or IRC 3. The print edition of the DBS costs DKK 70,00 or US\$14.00 or EUR 10,00 or GBP 9,00 or SEK 90,00 or IRC 6. Payment by cash notes are accepted whereas checks and postal money orders are not accepted. DSWCI Bank is Danske Bank, 2-12 Holmens Kanal, DK-1092 Copenhagen K. BIC/SWIFT : DABADK33. IBAN: DK 44 3000 4001 528459. Danish buyers please use: Reg. 3001- konto 4001528459. If you want to pay via PAYPAL, you have to contact Andreas Schmid (schmidandy@aol.com), before you send your payment. Payment via PayPal only in US\$ currency and only for persons, living outside the European Union.

Please remember to direct all communications about subscriptions, bulletin delivery issues, July 4th celebration ideas, 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. 

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. 

Calendar Of Events

- Jul 1-5** *Contest.* The 13 Colonies Special Event Group holds its **The 13 Colonies Special Event** with a certificate and QSL cards available for SWLs. All 13 Colony states will be on the air for this event commemorating our independence. One logging or all 13 qualifies the SWL for a certificate. The certificate is printed in full color, each different every year with an Independence theme. For 2011 it is the "Declaration of Independence". All information can be obtained by going to qrz.com, once there enter Ken's call sign (KU2US) in the top left box and it will bring you to his bio area. Here the whole site is dedicated to the Special event. There is a certificate donation of \$4.00 and all 13 colony QSL cards are free for an SASE. Each card must be requested from each Colony state operator. All certificate requests go to Ken Villone, P.O. Box-185, Conesus NY 14435. Further information is available from Ken Villone, Awards Manager-KU2US (dentron1@yahoo.com).
- Jul 8** *Meeting.* **Boston Area NASWA Chapter.** The Boston Area DXers have found a new location for meetings. Inquiries about 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/>
- Jul 9** *Meeting.* The **Columbus, Ohio NASWA Chapter** is planning to hold its monthly meeting at Universal Radio in Reynoldsburg at 10:30 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.
- Jul 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 radioscan@siscom.net. For additional information about MONIX, check out their web site at <http://www.siscom.net/~mmeece/monix.html>
- Jul 18** *Meeting.* **Tar Heel Scanner/Shortwave Listening Group.** Red, Hot and Blue restaurant, 6615 Falls of the Neuse Rd., Raleigh, NC. Dinner at 6:30 PM and the meeting at 7:30 PM. Meetings are the 3rd Monday of each month. Further information is available from Curt Phillips, 919-599-4902, curt@w4cp.com.
- Jul 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 6:00 PM in the restaurant for drinks, dinner and informal discussions. Contact Rich D'Angelo (2216 Burkey Drive, Wyomissing, PA 19610; 610-678-0937 or rdangelo3@aol.com for further information about future meetings.
- Aug 18-23** *Conference.* The **2011 European DX Council Conference** will be held in Bulgaria is coming up on 18-23 August 2011. The conference begins in Melnik before going to visit Radio Bulgaria External Services in Sofia. You will need three nights lodging in Melnik with 18 August 18 arrival with departure on 21 August 21. The EDXC recommends Hotel Melnik in Melnik (e-mail reservation: reservation@hotelmelnik.com; Homepage: www.hotelmelnik.com) with room prices from EUR 36,-- / Room per night including Bulgarian Breakfast.. You will need two nights in Sofia with 21 August arrival and 23 August departure. They recommend Hotel Dedeman Princess Sofia, 131, Maria Luisa Boulevard, 1202 Sofia, Bulgaria (e-mail reservation: sofia@dedeman.com; Homepage: www.dedeman.com) with room prices from EUR 60,-- / Room per night including Bulgarian Breakfast. Conference Fee is EUR 85,-- to be paid to Tibor Szilagyi, EDXC Secretary General when you arrive on 18 August at Hotel Melnik. Further

information is available from Tibor (tiszi2035@yahoo.com).

Aug 20 *Get Together.* The **18th annual Madison – Milwaukee Get together for DXers and Radio Enthusiasts** will take place on Saturday, August 20, 2011 starting at 1:00 PM until whenever. This year's venue will be Oak Creek, Wisconsin (suburban Milwaukee) hosted by Tim Noonan. This is an informal event where you can meet and socialize with other radio hobbyists and enthusiasts. For more information, please contact Tim at <DXing2@aol.com>.

Oct 13-16 *Convention.* The annual joint **National Radio Club/WTFDA Convention** will be held at the Comfort Inn and Suites (7007 Grover Street, Omaha, Nebraska 68106) on October 13-16. Hosted by Ernie Wesolowski and Carl Mann rooms will cost \$88.62 per night for up to 4 in a room. The registration fee is \$45 per person payable to the National Radio Club; mail to Ernie Wesolowski, 13312 Westwood Lane, Omaha, NE 68144-3543 by October 1.

Mar 1-3 *Convention.* The **25th Annual Winter SWL Festival**, sponsored by NASWA, will be held at the Doubletree Guest Suites in Plymouth Meeting, PA on 1 through 3 March 2012. Richard Cuff and John Figliozzi co-chair the organizational committee. Updates and additional information will be posted at the Fest website, <http://www.swlfest.com>. See you there!

May '12 *Annual Meeting.* The **National Association of Shortwave Broadcasters** will hold its next annual meeting at the headquarters of Radio Free Asia in Washington, DC on May 10th and 11th, 2012. Further details will be available at a later date.

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

FRENDX: Twenty-Five Years Ago (June 1986)

The Michigan Area Radio Enthusiasts were holding a special meeting on Wednesday, July 30 at the Dearborn Civic Center with Arthur Cushen and Michael Murray as guests. In Stephen Moye's Contact column, correspondent Duke Alexander noted surprise at Jeff White's resignation from Radio Earth. In his Technical Topics column, Skip Arey wrote about "The Long Hot Summer or Listening Between the Static Crashes". John Kapinos Awards Program column featured awards for Dr. Harold Cones (African Continental DX'er and Tropical Band DX'er), Sheryl Paszkiewicz (All Continent "QRP" DX'er [25 KW] and Senior Commonwealth DX'er) and John R. Tow (European Continental DX'er and All Voice of America DX'er). Also, John provided a listing of Radio Moscow Transmitter Sites in the U.S.S.R. After two years editing Computer Corner, Bill Cole announced he planned to retire after the September issue. Roger Legge's English Language Broadcasts to East & Central North American appeared. In Glenn Hauser's Listener's Notebook, Ernie Behr takes exception to misinformation broadcast on KCBI's Radio Connection program. Sam Barto's QSL Report column featured postage stamps on the communications field donated by Neil Carleton. Bob Hill was the guest editor for Log Report Section A. Contributor Roland Schulze's logs were while on vacation in Indonesia. Among the ads were James G. Herkimer looking for a Drake SPR-4 receiver, Dan Sheedy selling a Radio West 22 1/2 inch ferrite loop antenna (\$80.00), Jerry Strawman selling a Drake R4A receiver (\$75.00) and Kevin Sztot selling a Kenwood R-1000 (\$275.00). 

Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Bob Montgomery** (Address: 86 Pumpkin Hill Road, Levittown, PA 19056). He will forward them to the appropriate editor. Remember, Bob also distributes QSL report information and totals for the **Scoreboard** column. He can also be reached through the Internet at: rmonty23@verizon.net.

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.

Edward Nawrocki, 2302 South Ridge Avenue, Kannapolis, NC

Re: Steve Handler's letter in the May NASWA Journal, my QSL returns are about the same, 55 percent. I do have a computer and can e-mail reports but I am no good at it. I use snail mail. An airmail stamp plus two bucks in each report I send out is getting expensive. I don't mind spending as long as I can expect a reply. In the last 16 months I sent out over 130 reports. I'm now working on follow up reports but the return rate is discouraging.

Gerry Dexter 213 Forest Avenue, Lake Geneva, WI

I've been largely disinterested in doing much, if any, listening over the past six months. I don't really know where the time goes, or how it's possible we can be finished with more than half of 2011 already. The days just seem to fly by. And it doesn't matter a whit if I scream "HALT!" or not!

The past month (May) was especially terrific. It began with the annual visit of NASWAN Tom Gavaras from the Twin Cities. We couldn't get in our usual Brewers game, though that lack didn't seem to matter that much. Tom advised me on the purchase of a new 5-CD changer for my den/radio shack, gearing me up with the ability to play MP3s down there. I had recently purchased nine MP3 discs (containing rare Stan Kenton concerts broadcasts). Since then, I've been engrossed in those most evenings.

A couple of weeks after Tom's visit, recent (ex) Popular Communications editor Edith Lennon flew in to stay with us for two days. Although we'd exchanged many e-mails and phone calls during the 4-5 years she had been editor, this was our first face-to-face visit. We talked writing, editing, publishing – all that word stuff – as well as generally getting to know each other better. The second day included an area tour and was topped off by dinner at one of LG's top restaurants. During the shack time she wanted to hear music (her husband digs Kenton) so we never get around to switching on the radios, but the new CD player was well tested!

May ended with the monthly get together with great friend and NASWAN Robert (Bob) Brossell for our usual six hours of yak and yummys. There are another three get-togethers and meets scheduled for the summer, as well as several other activities. Which means fall and football are "just around the corner." Whether shortwave enters the picture before then is unknown. But I know that someday – it will!

Ron Howard <ron888howard@gmail.com>, Asilomar State Beach (Pacific Grove), California

June 2nd received my 909X from Amazon, which will supplement my Etón E1. First evening with the 909X was focused on just casual reception. My listening was done from my car, which was parked at a nearby beach. I stretched out 100 feet of antenna wire along an adjacent fence and attached it via alligator clips to the whip antenna of the 909X.

Found Argentina (RAE) on 11711 kHz to be very pleasant; listening to their tango music and songs after 0200 UTC (June 3). MP3 audio posted at < <http://www.box.net/shared/52ncm7scvv> >, with a nice song heard during my reception.

On June 3rd, in the evening, started looking for more serious reception from my beach location. Used LSB to hear Dominican Republic (Radio Amanecer) on 6025 kHz in Span-

ish and playing some religious songs after 0245 UTC (June 4). Comparable to some of my past receptions with my E1 here.

Then on to some real DX. At 0333 UTC (June 4) on 6015 kHz heard presumed Zanzibar playing some African Hi-Life music; seemed to be their usual sports(?) coverage (announcer somewhat excited) and the unmistakable signature drums played at 0358 UTC. Presumed to be them based on many past receptions when I was able to hear their distinctive xylophone sounding Interval Signal (IS) at 0257 UTC, all the way through to the drums theme music. Today's reception was certainly comparable to some of my past receptions with my E1 here, which is always a tough copy, with poor reception.

Finally went up to 15110 kHz to check out the sign on at 0410 UTC (June 4) of Tatarstan Wave/GTRK Tatarstan, via Samara (Russia). Brief IS followed by IDs: first in assume Tatar; second in Russian: "V efirye programa na volnye Tatarstana" and played some nice music. MP3 audio at < <http://www.box.net/shared/rb9k2sxis6> > with IS, ID and a song. Heard at a decent level.

Based upon these limited receptions, I am happy with the overall performance of the 909X so far. Most noticeable is the fine audio it has. In many ways the performance seems comparable to my E1, which I have been very pleased with for many years now.

Am glad I bought the 909X!

Recordings made via iPod and edited with Audacity software.

Edward M. Kolakowski <emmk1@verizon.net>, 8930 87 Street, Woodhaven, NY 11421-2511
I found a person to repair my Sony SW related equipment. They repaired Sony ICF-s1s; Sony AN-102 antenna; SONY ICF-800 ; the contact name is Gary at Keith Electronics keithele@csrlink.net; Very fast turn around and reasonable costs.

Steve Handler handlersmail-radio@yahoo.com, IL

Outraged listeners and the skeptical media complained that Family Radio's Harold Camping's prediction that the world would end on May 21st was wrong. Would they be happier if he had been right? By the way, I will not be upset if your October 21st prediction also turns out to be wrong. Mr. Camping, best wishes for a speedy recovery from your stroke.

Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610
Another month of solid QSL returns. Here is this month's activity. Bangladesh Betar verified with a full data "Children Are Crossing Bamboo Bridge, Bangladesh" card with short personal letter from v/s Abu Tabib Md. Zia Hasan, Senior Engineer, Research and Receiving center. A nice "wall of stamps" covered the back of the envelope. IRRS Shortwave/Nexus Radio verified an electronic reception report for a special test transmission from an unknown, or unacknowledged, site with an electronic reply from v/s Ron Norton. For some reason they insist on keeping transmitter sites a deep, dark secret. A couple of North American pirates are next. First up is Radio Ronin Shortwave which verified an electronic report with a full data "Shogun of Shortwaves" card. The other was from XFM Shortwave. They verified an electronic report with an electronic full data attachment from v/s "RH" who included the following information about his station: "I was able to verify your reception report and have attached your QSL card as well as a description of the program you heard. X-FM started as a pirate FM station in the early 2000's while I was still in high school. I had an interest in all things broadcast and when I started working for a group of radio stations I would 'dumpster dive' for old broadcast electronics

and fix them up. The FM ran for many years on weekends until I moved away for work. A friend got me pointed toward shortwave and I began experimenting with transmitters late last year. The broadcast you heard was from a portable setup I use with a quarter wave vertical antenna and 750W PEP tube amplifier. The audio is played from a laptop which then runs into a CRL Amigo audio processor which has been slightly modified for bass extension. The exciter is a Yeasu FT-100D. I have yet to add a mixer to the field kit which is why I can't yet talk over the music. Thanks again for your report, and happy DX'ing. +-RH." Finally, Sri Lanka Broadcasting Corporation verified with a full data "Studio Building" card from an illegible verie signer but stamped with "Deputy Director General (Engineering)". This for the "Radio Ceylon" broadcast at 1530 UTC.

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. 

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@gmail.com. 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.

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Easy Listening

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Shortwave use continues to be an endangered species

Deutsche Welle

Deutsche Welle, which had ceased targeting North America with its English language broadcasts several years back, is making further cutbacks in shortwave usage. The biggest casualty from a North American perspective is DW's German-language service, which used to be reliable most evenings in North America. DW will be ending its use of shortwave for German broadcasts in November 2011. DW will continue its use of shortwave for broadcasts targeting Africa; this means that the shortwave broadcasts most audible in North America will remain; this includes 0400, 0600, and 2100 UTC, primarily via DW's Kigali, Rwanda site.

These things tend to be irreversible, it seems, so make sure you let DW know why shortwave usage is important to you.

Alternatives to SW do exist — DW has a relatively comprehensive Internet presence, with a live 24/7 English language stream, on-demand editions of all English language programming, an archive of the four or five previous versions of weekly programs, as well as podcasts. There's also an iPhone app with access to the live English language stream (along with Russian and German streams). A few US-based public radio stations carry *Newslink Plus*, the weekday-evening (0100 UTC) Europe-focused current affairs program.

Radio Netherlands

Radio Netherlands, which ended its use of shortwave to North America for English language broadcasts a few years back, is facing significant budgetary issues that could possibly result in termination of directly-produced broadcasts, specifically in Dutch. The parliamentary hearing at which Radio Netherlands may learn its

fate is scheduled for June 27th, after the preparation date of this column. If the budget plans as currently outlined are implemented, Dutch language programming will disappear altogether, and English language program (and, presumably, all other languages) will see their scope reduced to news and information for those regions where free speech is suppressed. That means that news and culture about Holland — which is what most of us in North America would want to hear — would potentially disappear.

While RNW no longer uses shortwave to reach the USA, Radio Netherlands has long maintained a comprehensive Web presence, with a 24/7 live English language stream, on-demand catalog of programs, and an extensive programming archive. While RNW no longer produces weekly documentaries, many of these also remain available for listening via the RNW website. You can use the site's search function for "documentaries" or "classic dox" to hear some of these outstanding programs from years past.

If you want to add your voice to those who are recommending a reconsideration of this issue, head to <http://www.radionetherlands4u.nl/en> and sign the online petition — presuming it's still available at the time you read this.

Sometimes options are good: All India Radio considers streaming audio

All right, I cheated...I used one of the web-connected Global Tuners receivers based in Europe to listen to *Faithfully Yours*, the Monday listener contact program on **All India Radio** via shortwave; I caught the 2115 airing that is audible in North America especially in colder months. Over in Europe the 2045-2230 broadcast of the

General Overseas Service is generally "easy listening" quality from my past travels.

In the June 20th edition, the program hosts mentioned that audio streaming of the General Overseas Service was being investigated; no word as to whether this would be live audio or on-demand. When I get more details, I'll pass them along.

Speaking selfishly as someone who's normally still in the office weekdays at 2045 UTC, any way to simplify access to All India Radio programming that enables hassle-free time-shifted listening is helpful to me.

KBS World Radio

Rich D'Angelo sent along an item he received from **KBS World Radio**.

KBS World Radio recently sent me an interesting little booklet about their operations. They use the slogan "KBS World Radio Bringing Korea to You" in the literature. Also, they indicate the use of shortwave, Internet, Satellite, local AM/FM and mobile service to bring their message to its audience. The station broadcasts programs in 11 languages: Arabic, Chinese, English, French, German, Indonesian, Japanese, Korean, Russian, Spanish and Vietnamese. It provides a total of 56 hours and 12 minutes of daily programming via satellite radio and DRM, as well as short and medium wave signals.

KBS World Radio continually works to improve and expand its Internet service. Since its inception in 1997, KBS World Radio Internet homepage has provided content in 11 different languages. The site offers an array of information about Korea's history, culture and tourism. KBS World Radio has adapted to the rapidly changing multimedia environment since it launched its mobile services via Nokia portable gadgets and iPhone and iPod Touch in 2009. Program and music can be heard in real time delivered in 11 languages. Popular

programs such as "Let's Learn Korean" and "Korean Culture" are available on various mobile platforms. "Touring Korea" will be added in 2011.

News and Current Affairs Shows: We provide you with the latest news from home and abroad, in addition to in-depth analysis on major issues, with a close eye on Northeast Asia and the Korean peninsula in particular.

Culture and Tourism Shows: Multiple aspects of Korean culture and tourism are highlighted with an aim to heighten the understanding of Korea and spotlight its striking charm.

Pop and Entertainment Shows: Check out the latest K-pop hits and E-news on out pop and entertainment shows. Here, you can learn all about the current stars leading the Korean Wave.

Sounds of Korea: Sounds of Korea is designed to meet the growing interest in Korean traditional music among our listeners. Thousands of years of Korean musical heritage will be delivered right to your ear every Wednesday on KBS Radio World.

Korean Language Lesson Show: We provide the easiest and most efficient way to learn the Korean language with our entertaining lessons and tips.

Listeners' Feedback Program: The listeners' feedback program features letters, e-mails and reception reports from our audience and e-mails with all comments and inquires about KBS World Radio's programming or Korea in general.

Sounds of Korea is a new musical program created in response to our listeners' growing interest in Korean traditional music. Each Wednesday we invite you to explore the rich heritage of the Korean musical canon. On Sounds of Korea, hear thousands of years of Korean heritage delivered right to your

ear. Learn more about the Korea and the Korean people through traditional music every Wednesday on KBS World Radio.

The English news team keeps listeners up to date on things related to the Korean peninsula. With around-the-clock news service available via the airwaves and on the Web, KBS World Radio is your number-one source of the most reliable and accurate English news about Korea and beyond.

Thanks, Rich...if you get anything in the mail like this from your favorite broadcaster, go ahead & send a copy to me for sharing with your fellow NASWA members — my postal address is at the top of the column, or scan & e-mail it, or you can even fax it — anything you fax to (213) 285-7677 will show up as an e-mail in my inbox.

It's also worth noting that KBS World Radio has a comprehensive, if somewhat complex, website that features live and on-demand audio with a 2+ month archive. You can read news stories and transcripts of feature programming as well. KBS also offers smartphone apps in Android and iPhone versions. The iPhone version includes two channels of live audio; one is in 11 languages in rotation, the other is a music channel. The web URL: <http://world.kbs.co.kr/english> .

Around the Web

Radio Exterior España

REE has had on-demand programming available for streaming and podcast for the past year, but the programming was limited to the feature programming; news and current affairs was not offered in the daily update. As of late May, the full weekday program is now available for nearly all days. Only the weekday programs are saved, as the weekend programming is simply a rehash of the previous week's features.

I've long enjoyed REE — dating back to the 1980s when I resumed SWLing; REE doesn't try to cover the world like the BBC, or even the continent, like Deutsche Welle; rather, REE covers issues and culture from the Spanish-speaking world, including Latin America, a region that has long been underrepresented in English language international broadcasting.

Unfortunately the English language service is somewhat buried on the REE website, which itself is within the national RTVE website. There is a URL specific to REE at <http://www.ree.rne.es> ; the English language section is then visible on the page.

REE's English Section is a small group, and always seems to be in danger of losing funding; consider sending them a note to let them know you're listening. Their e-mail address is englishbroadcast@rtve.es and their postal address is Radio Exterior de España, English Language Broadcast, P.O. Box 156.202, Madrid 28080, Spain.

World Radio Network features R. Tunis International, R. Algeria International, R. Damascus, and R. Cairo...all in English

If you'd like to hear news & features from the Middle East and North Africa from the region itself, the World Radio Network — a programming service offered to radio stations and also streamed on the Internet — has daily audio from these four services. You won't find it on the WRN North America service available on Sirius/XM or on WRMI; you will need to visit the WRN web site or use an application that streams WRN flavors other than the North American service.

Of the four, I'd say that **Radio Algeria International** is the most interesting, from the perspective of well-produced news and feature programming. **Radio Tunis International**, at least the day I listened,

is primarily music with a few short audio features...probably less than 10 minutes out of the 30-minute daily service. With **Radio Damascus**, you'll get the government party line, so *caveat emptor*, but is interesting to hear how the government is portraying the protests in Syria. **Radio Cairo** is, well, variable in quality. Sometimes the audio is very weak, and sometimes it's so loud it's clipped and distorted — just like on shortwave! I had hoped that the audio problems that have long plagued **Radio Cairo** on shortwave were an artifact of feeding the audio to the shortwave transmitter, but no, the web audio has the same problems.

Despite these misgivings, all four of these services are worth a listen — at minimum, for the diversity of views offered. The World Radio Network website is <http://www.wrn.org>. Click on <Listeners and Viewers | English> and then look for <Stations> in the left margin. While you're there, you can also check out some other recently-added stations — **Radio Havana Cuba** is probably easier to catch, online anyway, via the WRN site than via RHC's own website.

Even Aung San Suu Kyi misses the "old" BBC World Service

A news report appeared in late June that, during her internal exile, Burmese politician Aung San Suu Kyi found the BBC World Service to be her "lifeline" to the outside world. She remarked that she missed the diversity that has gradually been excised from the World Service in recent years, particularly the music programming. This is something we've observed around here at NASWA over the past several years, but it's interesting to see someone of her stature

say the same thing.

Speaking of the World Service, it's become even harder to find out about advance programming on the World Service, as the weekly e-mail newsletters, which the BBC had commissioned from an outside provider, are no longer being distributed. The World Service website has also been slimmed down, with reduced descriptive information about each program available. You can see what was on air last week, and listen to it, but you can't read any synopses of upcoming programs. That's a far cry from 20 years ago, when I'd get a monthly magazine highlighting upcoming programming with enough lead time to get program information into the *Journal*!

CBC webcast tip: *Ideas*

I've mentioned *Ideas* in years past; it's a weeknightly documentary program on the domestic **CBC Radio One** that covers a wide range of topics, spending a minimum of one episode (53 minutes) — sometimes multiple episodes — on a particular topic. Used to be you had to catch the program live, as archived audio wasn't available. Nowadays, however, nearly all episodes can be listened to on demand. It's quite a treasure trove of interesting listening. *Ideas* never was part of the RCI relayed CBC programming, but I'd wager that if you want something interesting to listen to, and you're otherwise stumped, you can find something interesting in the *Ideas* archive. URL: <http://www.cbc.ca/ideas>

That's all for now...hope your summer is enjoyable!

73 DE Richard



International Broadcasting

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Losing touch with the Dutch

The worst fears of Radio Netherlands employees may be realized when a Dutch cabinet decision to cut 70 percent of its budget is voted on by the Dutch parliament, just after the deadline for this column. In fact, on that decision day, June 27th, the Radio Netherlands Dutch Service broadcast a six-hour special of coverage and debate about the future of RNW. They even took the unusual step of leasing the former BBC 1296 kHz medium wave transmitter at Ordforness (heard well in the Benelux even during daylight) for that special program.

From Radio Netherlands coverage of the cuts: "Two of Radio Netherlands Worldwide's core tasks – providing information for Dutch people living abroad and presenting a realistic image of the Netherlands to the rest of the world — are to be scrapped. As part of the overall public broadcasting restructuring, RNW's budget will no longer fall under the Education and Culture Ministry, but will become the responsibility of the Foreign Affairs Ministry from 2013.

"After 2012, RNW will concern itself solely with making information available in countries where free speech is suppressed or threatened, where 'free speech', according to the vision of chief editor Rik Rensen, should encapsulate Dutch values: 'That means RNW should produce ground-breaking stories about freedom of speech, freedom of religion, the right to freedom of sexual orientation and women's rights. Actually, these issues are already under RNW's spotlight, but they'll be even more accentuated in the future.'

"Countries in the Middle East, Asia, Africa and Latin America where freedom of expression is curtailed will get a prominent position in RNW's scheduling." But those regions won't get any of that content via shortwave:

"Listeners in Africa, Asia, South America and an island in the Pacific Ocean who tune in through short wave will no longer receive RNW. All short wave broadcasting will cease, a move affecting people at sea or anyone who doesn't have access to internet or satellite."

What becomes of the three 500-kW transmitters from Sweden?

And so what becomes of the previous announcement that Radio Netherlands has purchased Sweden's three recently decommissioned 500-kW ABB transmitters, to replace the units now at the Madagascar relay? That facility can reach many countries where "freedom of expression is curtailed" by dint of blocking the internet or confiscating satellite dishes, leaving shortwave as the only means of information. One could argue that the €14m that may be left in the RNW annual budget should be devoted to keeping the Madagascar relay on the air, and concentrating on countries easily reached by that facility.

What will RNW actually do with such a small budget? Certainly some of its ten language services will close. Jonathan Marks, ex-RNW, in his Critical Distance Weblog, predicts that the Dutch world service "will be assisting others with their programmes rather than making programmes for others. It's the YouTube approach. Create space and the locals will fill it." Well, okay, except that YouTube is already there for that purpose. What Radio Netherlands has that new media companies don't have is shortwave transmitters — transmitters used by, among others, Radio Voice of the People to Zimbabwe.

BBC Hindi on shortwave gets a reprieve

Some rare good news for shortwave is that the BBC and the UK government have found a way to keep the popular BBC Hindi shortwave service on the air. This is a result of

£2.2m per year to be provided by the Foreign Office to the BBC World Service over the next three years, and a "reallocation of £9m of existing World Service funding to editorial investment over three years." I think that means £3 million per year. These funds will also maintain the important BBC Somali Service and keep BBC Arabic (mostly television) up to strength.

On the subject of India, it is perhaps not helpful that the most recent India Readership Survey, now a study of all Indian media, found that radio total reach (these days in India mostly via FM) is down by 8.3%, to 161.49 million. Cable and satellite television are up 17.9% to 416.51 million, and internet up by 32.5% to 25.92 million.

TWR plans for "near FM" shortwave from Guam

But back to good news about shortwave. Trans World Radio is replacing its 100-kW shortwave transmitters at its Guam relay site with refurbished 250-kW units. At www.twr.org/microsites/guam2010/ (with a video about the project), we learn that "these newer transmitters can broadcast in both analog and digital modes. Digital shortwave will enable us to reach both rural areas and large cities with a strong 'near FM' quality signal. Digital broadcasts also reduce the fading and interference common with many analog transmissions. And with Asia's transition to the digital broadcast platform scheduled to take place in the next few years, TWR is now well positioned to meet the needs of listeners well into the 21st century." (More information is available at the cleverly written ktwrdrm.blogspot.com.)

Well, it might take some help from Above for DRM digital shortwave to be heard in "near FM" quality in TWR's distant target countries, especially in cities filled with electrical noise. As is the way with DRM, reception will either be "near FM" or absolute silence. Another question is when, if ever, DRM shortwave receivers will be available, affordable, and won't deplete a set of batteries within a day.

TWR has a mixed record in its use of shortwave. In 1993, it was among the first to join the wave of closing shortwave sites when it decommissioned its HF transmitters on Bonaire (and reduced the power of its medium wave unit on 800 kHz). On the other hand, TWR has invested in shortwave in Brazil, most recently, in 2004, adding a 50 kW transmitter to reach remote parts of the country.

Voice of Russia on MW in New York City and Washington DC

An interesting recent development is that the Voice of Russia has acquired 24/7 medium wave (AM) leases of 1390 kHz in Washington DC and 1430 kHz in New York City. Furthermore, Voice of Russia is originating US-oriented programming Monday through Friday at 6 to 9 a.m. and 4 to 7 p.m. Eastern time — complete with local weather, with temperatures in Fahrenheit.

The programming is news and current affairs, somewhat like NPR's Morning Edition, but with young and mostly inexperienced announcers, and not much of a global correspondent network. One program, "Capital to Capital," includes one Angela Davis in Moscow. The Angela Davis, as in the former leader of the Communist Party USA, frequently mentioned by Radio Moscow in the 1960s and 1970s? Sounds like it might be.

This new VOR service seems to emulate Radio Free Europe/Radio Liberty Russian Service, available on 1044 kHz MW in Moscow, and focusing on the Russian domestic affairs. It will be an uphill struggle for VOR, transmitting on the relatively unpopular AM band, and not filling much of a niche in its programming. On the other hand, the VOR World Service programming that fills the rest of the 24/7 schedule does offer some interesting alternatives to U.S. radio.

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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Dancing With the Fire Dragon

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Every day a "mystery" shortwave station chooses to broadcast beautiful Chinese music on numerous frequencies. Unlike most other shortwave broadcasting stations, the originator of these broadcasts chooses not to identify itself. Rather, each day the same music is played without a single spoken word being broadcast.

Shortwave listeners that discovered this station nicknamed it "Firedrake" after the mythical fire breathing dragon. Firedrake's broadcasts are reported to be transmitted from inside the People's Republic of China.

The propagation between China and the United States has been good early morning (1000- 1500 GMT) allowing listeners in the United States to hear the distinctive Firedrake musical broadcast simultaneously on up to a half dozen frequencies. The number of frequencies in actual use by Firedrake during this time period is most likely greater. However propagation limits reception of some of those frequencies for US listeners.

What is Firedrake's purpose? Circumstantial evidence would point to this station being used to disrupt and jam the broadcasts of other shortwave stations. Presumably this is done to broadcasts which the government of China does not wish people to hear.

Although China engages in economic capitalism, its government is in large part controlled by the Communist Party of China. Why would China wish to disrupt, censor or jam broadcasts? From their actions it appears that the Chinese Government may feel that some shortwave broadcasters are attempting to interfere with China's internal affairs. Currently, most of Firedrake's shortwave broadcasts are transmitted on

frequencies which are also used by two different shortwave stations, the Sound of Hope and the Voice of Tibet.

The Sound of Hope is headquartered near San Francisco. This not-for-profit organization uses transmitters in Taiwan and Tajikistan to beam Chinese language programs to the people of mainland China. One of their stated goals is to provide the people of China with news and diversity of opinion from a source not controlled by the government of China. (Footnote 1)

The Congressional Research Service identified the Sound of Hope as one of several mass media outlets affiliated with the Falun Gong. According to that same report, Falun Gong practitioners combine an exercise regimen with meditation, moral values, spiritual beliefs and faith. (Footnote 2). The government of China apparently views the Falun Gong as a threat to its society. In 1999 they outlawed the Falun Gong and similar organizations. Since that time, they have reportedly arrested and/or detained thousands of Falun Gong supporters.

Firedrake broadcasts appear to be used by the Chinese government to limit the ability of the Sound of Hope to be heard by listeners. However, has the Chinese government's actions contributed to the popularity of the Sound of Hope? There is research that seems to indicate that in some cases, censorship often backfires (Footnote 3). Sometimes the "forbidden fruit" is sought out simply because it is forbidden. Jamming the Sound of Hope's broadcasts may cause more people to want to hear their broadcasts and pay more attention to their message.

Further, the interference with the frequencies being used by the Sound of Hope might have the side effect of enhancing their ability to raise funds to support their broadcasts. It puts the Sound of Hope in the

position of being David engaged in battle with the Goliath that is China. This might actually be a fund raising advantage with those whotend to favor the underdog.

Why is the Voice of Tibet receiving similar treatment by Firedrake? The relationship between Tibet and China is very complicated and would take volumes to explain. However, for the sake of brevity, after the People's Republic of China was founded in 1949, their military entered Tibet to assert China's authority. The new Chinese government, like its predecessor the Guomindang, maintained that Tibet was actually part of China. Over the course of years, the hostilities between the Tibetan Government and the Chinese government continued. This resulted in the Dalai Lama fleeing Tibet for an exile in India and China ultimately controlling Tibet.

The Voice of Tibet is headquartered in Oslo, Norway. Its editorial office is located in Dharamsala, India. It has several daily shortwave broadcasts in the Mandarin and Tibetan language. These broadcasts are reportedly aired using 100 kW shortwave transmitters located in Tajikistan as well as 250 kW transmitters in the United Arab Emirates. The goals stated on their website, include providing unbiased news and information, educating people in issues of democracy and human rights, preserving Tibetan culture and boosting the spirits of Tibet and the exile communities. (Footnote 4) From Firedrake's actions, it appears that the Chinese government may feel that the Voice of Tibet is also a threat to their internal affairs.

Most shortwave stations broadcast on frequencies that are multiples of 5 kHz. Some of the Voice of Tibet frequencies are between are in-between the traditional 5 kHz shortwave frequency spacing. These frequencies include 15537, 15543, 15562, and 15568 kHz. Firedrake, whose frequency use conforms to the traditional 5 kHz frequency spacing, often broadcasts above or below the Voice of Tibets frequencies. For example Firedrake was observed by me using 15565 kHz and 15570 kHz during the Voice of Tibet's scheduled 1330-1400 GMT broadcast on 15568 kHz.

How many shortwave transmitters does Firedrake have available for its transmissions? Ludo Maes's web site, the Transmitter Documentation Project, reports that the Chinese government's internal shortwave broadcaster, China National Radio, and the external service, China Radio International, combined have over 70 shortwave transmitters located at several transmitter sites . (Footnote 5) Presumably many of these transmitters are available for Firedrake's use.

The mystery of how Firedrake distributes its musical broadcast to the various transmitter sites was solved a few years ago. Mark Fahey, of Satdirectory.com, located a satellite feed used by China to get the Firedrake broadcast to the transmitter sites. Fahey found a Circuit named "Lzh8Rdjy" on the Chinese ChinaSat 6B satellite. It was being broadcast on 4175 Mhz (Vertical Polarization). The left audio channel carried China National Radio's CNR-8 broadcast, the Voice of the Minorities. At the same time the right audio channel broadcasts the Firedrake music. Mr. Fahey found that the shortwave transmitters used this live broadcast and were in sync with the satellite feed. (Footnote 6).

The Firedrake satellite feed to its transmitter sites is exactly an hour in length. Currently none of Firedrake's shortwave transmitters appears to broadcast the entire one hour satellite feed without a break. Broadcasts have been lasting between 40 and 50 minutes in length. They start between eleven and twenty minutes after the hour and continue until their sign off at the top of the hour. The time in which Firedrake is silent may be used to allow its monitoring staff time to determine which Sound of Hope frequencies are in use at that time and allocate which transmitters are then turned on. In the past the silent time at top of each hour lasted just a few minutes in length. Today this break is much longer. The reason for the increase is not known.

I have noticed that on many (but not all) days there are actually two groups of Firedrake frequencies in use. There is a group that I call the "main group". This group has the largest number of frequencies broad-

casting on any given day and the music broadcast on each frequency is in exact sync with the other frequencies in the main group. A second group of frequencies that I call the "Outliers" also exists. Smaller in number, these are usually two or three frequencies on which the Firedrake music is significantly out of sync (by many minutes) with the "main group," but in sync with each other.

Only a small number of the Firedrake frequencies have been observed in the Outlier group. The frequencies of 14700 and 11500 kHz are currently the most often heard Outliers frequencies with 7970, 10965, and 13850 kHz also being heard. It is interesting that no frequency is exclusively an Outlier. Each of the Outlier frequencies has on days when they are not part of the Outlier group been heard in sync with, and as part of, the "main group".

Since Firedrake broadcasts are feed to the transmitter sites by satellite and broadcast live, all of the frequencies should be in sync no matter which transmitter site is being used. Why the Outlier out of sync transmissions are happening is a mystery. One possible logical conclusion is that the main group and Outlier frequencies are out of sync on purpose. If so, the unanswered question is, why?

Something else that is unusual involves the ending of each broadcast. At the top of each hour Firedrakes broadcast carrier for all of the main group frequencies abruptly ends. However, the Outlier frequencies have been noted often broadcasting for several seconds after the main group ceases. Occasionally, when the music ends on one (but not not all) of the frequencies in either group, instead of the carrier also ending, it continues on and airs a Chinese language broadcast which lasts about 2 to 5 seconds before the carrier ceases, ending the broadcast in mid sentence.

Sign on is also a bit of a mystery. I suspected that not all of their transmitters sign on at the same time. Scanning the Firedrake frequencies I tried to establish the sign on time. I noticed that after the first trans-

mitter was heard, for some of the parallel synced transmitters it took more than one additional pass to hear them. It appeared that some of the transmitters signed on as much as a minute after the first transmitter began.

The Firedrake broadcasts contain many mysteries. Despite the artistic beauty of the repetitive music broadcast by Firedrake, the method used for its broadcasts, the selection of frequencies, and other circumstances tend to support a conclusion that Firedrake's broadcasts constitute intentional jamming. Perhaps in the future, more details about the mystery of the Firedrake broadcasts will be brought to light. Until then, it may continue to breath the Dragon Fire of disruption against those broadcasters whom China feels are interfering in its internal affairs.

Table -1-

Shortwave Frequencies used by the Sound of Hope and heard by the author in use by Firedrake in May 2011 between 1030 GMT and 1500 GMT. Not each frequency is used each day and not each frequency is used continuously within the day.

kHz		
7970	13130	15745
10300	13850	15780
10965	13920	15800
11500	14700	15900
12240	14900	15970
12600	14950	16100
12980	14970	16980
13130	15740	17170

Table -2-

Shortwave Frequencies used by the Voice of Tibet on which Firedrake was heard by the author between 1330 and 1400 GMT in May 2011. Not each frequency is used each day.

kHz	
15530	15555
15535	15565
15440	15570
15545	
15555	

Table -3-

Shortwave Frequencies adjacent to frequencies used by the Voice of Tibet, on which Firedrake was heard by the author between 1330 and 1400 GMT in May 2011. Not each frequency is used each day. - 15430 and 15530 kHz

FOOTNOTES

(1) Sound of Hope website

<http://translate.google.com/translate?hl=en&sl=zh-CN&u=http://soundofhope.org/&ei=dG3NTaXOF4WltwFXyaH8DQ&sa=X&oi=translate&ct=result&resnum=1&ved=0CCYQ7gEwAA&prev=/search%3Fq%3Dsound%2Bof%2Bhope%26hl%3Den%26client%3Dsafari%26rls%3Den%26prmd%3Ddivns>

(2) China and Falun Gong by Thomas Lum. Specialist in Asian Affairs. Foreign Affairs, Defense, and Trade Division Congressional Research Service-Library of Congress August 11, 2006 Page CRS-2 CRS-8 et al <http://www.usembassy.it/pdf/other/RL33437.pdf>

(3) "Exposing and opposing censorship: backfire dynamics in freedom-of-speech struggles" by Sue Curry Jansen and Brian Martin, Pacific Journalism Review Vol. 10, No. 1, April 2004, pages 29-45 <http://www.bmartin.cc/pubs/04pjr.html>

(4) Voice of Tibet <http://www.vot.org/about.html>

(5) Mr. Ludo Maes's Transmitter Documentation Project <http://www.tdp.info/chn.html>

(6) "Firedrake - The Source of China's Jammer Found on ChinaSat 6B"

<http://www.satdirectory.com/firedrake.html>

In May 2011 the author made a concerted effort to document the Firedrake transmissions. All Firedrake shortwave broadcast frequencies and broadcast times listed in this article are as a result of the authors monitoring of those broadcasts.

Domestic Broadcasting Survey

13th Edition, April 2011
 Edited by Anker Petersen
 ISSN 1399-8218

Reviewed by Richard A. D'Angelo

There are numerous providers of radio broadcasting information in the marketplace today with many of them offered for free. However, a lot of them are not high quality offerings. The latest Domestic Broadcasting Survey 13 (DBS or DBS-13), once again edited by Denmark's world-renowned DXer Anker Petersen, is one resource that continues to provide an accurate DX reference for the shortwave enthusiast year after year. Published in April by the Danish Shortwave Club International (DSWCI), the DBS continues to be the top annual publica-

tion devoted to tropical and domestic band shortwave broadcasting stations. Along with its monthly updated graphical companion, the Tropical Band Monitor (TBM), the combination of these two DX references continues to be unbeatable in quality and value. The DSWCI offers the DBS in electronic form (PDF format), which provides for a substantial reduction in price over the paper version thereby increasing its value and speed of delivery, as well as the traditional paper edition. Either way you will be receiving and using an important DX resource produced by an international array of top notch DXers that will prove its worth to you time after time. The DBS and TBM references are the first items I pack on each of the French Creek DXpeditions.

As in past years, a copy of the Press Release can be found on the DSWCI website at www.dswci.org. By clicking on the Domestic Band Survey, you will see the color front page of morning mass at the Durbin Monastery in the Himalayas, inaugurated by the Dalai Lama. To the right of the Buddha altar, an elderly monk is reading Tibetan texts, repeated by young monks who play typical instruments to terrify the devil. The photo, which was taken by Editor Petersen during his world travels, and a sample listings from this year's DBS along with reviews from last year's edition all can be found at that location. Anker's annual cover photo for the DBS continues to provide the local flavor associated with a domestic listening market.

The DSWCI is now fifty-four years old. It has a worldwide membership of experienced shortwave listeners scattered in 33 different countries all over the globe. Anker draws upon the knowledge and skills of the DSWCI's international array of top-flight DX'ers to produce a unique and extremely valuable hobby resource. In order to make the DBS reliable, the club's own monitors around the world checked the 775 station shortwave frequencies on the air throughout the period May 2010 – March 2011. In addition to the club's extensive monitoring activity, the new survey is also based upon many official sources and DX bulletins with A11 schedules included when available. Over the years, the DSWCI has published some of the best non-commercial hobby references available to the shortwave listener. The electronic and print editions of DBS-13 continue in this grand tradition. It is an essential reference for serious shortwave listeners and DX'ers.

This is the thirteenth year that the DSWCI has incorporated its invaluable tropical band survey into a broader national survey that includes all domestic shortwave broadcasting. The old Tropical Band Survey (TBS) portion of this publication, which has been tops in the field of shortwave broadcast lists for many years, is in its 39th year. Because most of the club's members devote the majority of their DXing time to domestic broadcasting stations on the tropical

and international shortwave bands, many years ago the DSWCI decided to expand the traditional tropical band survey to include stations broadcasting to a domestic audience on the international shortwave bands. Consequently, the DSWCI now publishes a superb, comprehensive reference of domestic shortwave broadcasting throughout the shortwave spectrum. The DBS-13 covers all active stations broadcasting to a domestic audience between the frequencies of 2,300 kHz to 30,000 kHz. Part 1 is the 39th edition of Tropical Band Survey covering all active broadcasting stations in the 2,300 to 5,700 kHz range. Part 2 covers the domestic stations on the international bands above 5,700 kHz broadcasting to a domestic radio audience. Part 3 contains deleted frequencies between 2 and 30 MHz, which have not been reported heard during the last five years, but may reappear at some future point in time. This latter section is only published in the e-mail/PDF format version, but buyers of the printed version can get a copy direct from the Editor upon request.

A valuable, unique feature of the DBS-13 is the right hand column called Last Log. This column features the last month, and year prior to the April deadline, when a particular station was reported by a DXer somewhere in the world. This gives the listener a reasonable indication of the audibility of the shortwave broadcasting station. As part of the updating process, most frequencies that have not been heard in the last year have been deleted from the list and moved to a section at the end of the survey, Part 3 as discussed above. This updating procedure makes the DBS current and very user friendly. My own personal monitoring and checking over a four week period confirms that the 2011 edition of the Domestic Broadcasting Survey continues the tradition of providing very accurate and extremely useful information for the shortwave DXer. Consequently, this is an extremely valuable addition to any shortwave listener's DX shack where published radio resources are necessary in pursuit of elusive DX station catches. My copy of the Domestic Band Survey sits on my desk in the shack next to my communications receivers at all times.

To assure reliability, each of the 775 station frequencies has been checked by the club's extensive collection of worldwide shortwave monitoring experts since the last publication through the April closing date. Stations confirmed as being active is marked with an "A" (regular), or "B" (irregular), or "C" (sporadic) in the list. A "D" means the stations is likely inactive. This simple coding system provides valuable information when tuning the bands while trying to get a handle on rare, exotic DX catches. As a result of extensive monitoring, most of the frequencies already have been confirmed as being active in 2011.

The previously mentioned Tropical Bands Monitor feature was added in 2005 as a monthly updater to the DBS. Its introduction provided a readily available electronic update of broadcasting stations below 5,700 kHz using a color-coded graphical presentation format. It has been a big success making the DBS/TBM combination extremely valuable tool for shortwave monitoring activity. This website based feature, which is updated each month, helps to keep the DBS-13 current. All buyers of DBS-12 get a username and password to the monthly updates on the tropical bands published as "Tropical Bands Monitor" on the club's website. Similar data from 2005, 2006, 2007, 2008, 2009 and 2010 are available for free at www.dswci.org/tbm to any person. I download the latest version each month, it is usually available 3 or 4 days after the close of the previous month, and use it as a ready guide to what is being heard around the world on the domestic shortwave frequencies. This service alone is worth more than the price of the DBS itself. I can't over emphasize the value the TBM adds to the DBS. Together they form an indispensable package of DX reference sources. DSWCI members also receive periodic updates issued in the Shortwave News bulletin published by the club and through its electronic DX Window bi-weekly newsletter. These extra services keep the domestic band survey accurate, up-to-date and essential tools in chasing elusive shortwave DX catches. Details about becoming a DSWCI member are available at the club website. The electronic, PDF format, club membership option substantially reduces

the cost of being a member by reducing the printing and postage costs. Because of the club's strong DX culture and its array of international DXers, membership in the DSWCI is well worth the annual dues.

The Domestic Broadcasting Survey and Tropical Band Monitor are high quality shortwave broadcast DX resources made available at a very reasonable price. The combination of high quality and low price make the DBS and TBM unbeatable in today's global resource reference marketplace. If you listen to domestic broadcasters, the DBS-13 along with the monthly updates through the TBM is a "must have" addition to the radio shack's hobby literature resource pile needed while tuning the bands. As I mentioned before, these are the first resources I pack when attending French Creek DXpeditions. I can't imagine DXing the shortwave bands without a copy of the Domestic Band Survey and the latest graphical update of the Tropical Band Monitor at my side.

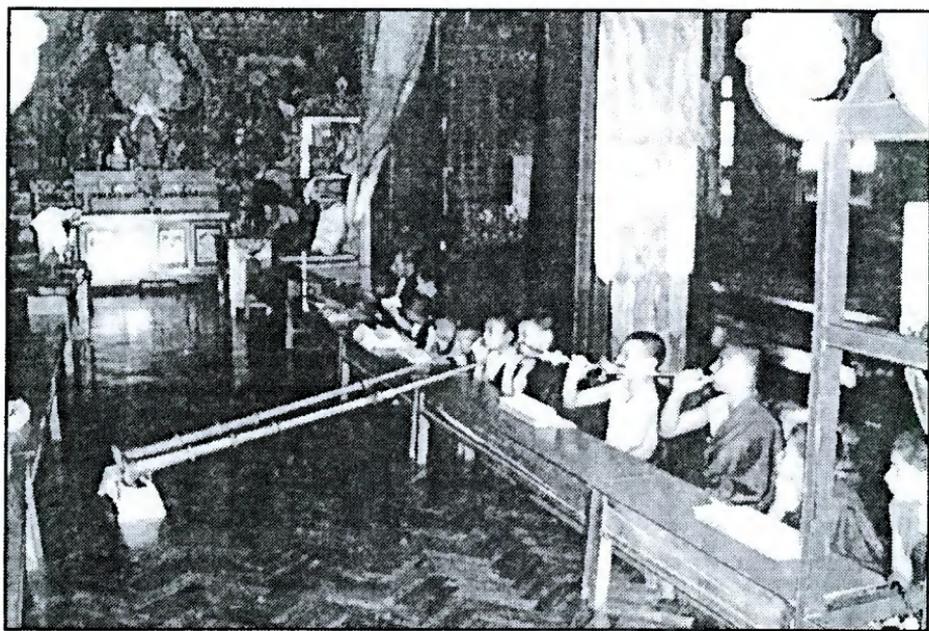
How easy is the Domestic Broadcasting Survey to use? Simple, the DBS-13 is very straightforward and easy to use. The first column provides the reception code, A, B, or C as previously described. The second column lists the frequency. The third column provides the station transmitter output. The fourth column designates the broadcasting country utilizing the International Telecommunications Union (ITU) country code abbreviations. For those not familiar with these abbreviations, a complete list of ITU country codes is given on page 3 of the DBS. The fifth column provides the station name and/or call letters and location. The next column provides transmission times and other useful information about the station such as operating schedules during Ramadan for Middle East and Indonesian stations. Other useful features for easy station identification are the parallel frequencies and station ID information. The final column is the Last Log feature previously described. Also, the survey includes a listing of Indonesian provinces and special districts, which is extremely useful for DXers with an interest in that part of shortwave broadcasting world. See the sample extracts from the DBS at the end of this review.

The 26-page A-4 size Domestic Broadcasting Survey is available in electronic form in PDF format of about 750 kB. The electronic DBS-13 is available via e-mail for just US\$7.00, EUR 5, or 3 International Reply Coupons (IRCs). The print edition is available for only US\$14.00, EUR 10, or 6 IRCs. The DBS-13 can be ordered direct from the club treasurer at the following address:

DSWCI
c/o Bent Nielsen
Egekrogen 14
DK-3500 Vaerloese
Denmark

If you have any questions, Bent Nielsen can also be reached by e-mail at bent.elin@webnetmail.dk. If you have the EURO as national currency, you are advised to pay the club's representative in Germany, Andreas Schmid, Lerchenweg 4, D-97717 Euerdorf, Germany. Also, the club offers an option to pay for the Domestic Band Survey through PayPal. If you want to pay via PayPal, you can contact Andreas Schmid at schmidandy@aol.com for complete ordering information. However, payment via PayPal is only for transactions in US currency and only for persons living outside the European Union.

The 2011 edition of the Domestic Broadcasting Survey continues the long-standing, excellent tradition of being a very useful and reliable DX'ing resource that should be in the radio shack of every active shortwave monitor. I use the DBS on a regular basis while tuning the shortwave bands from home. I can't imagine DXpeditioning at French Creek State Park without the DBS at my side. Though some enjoy operating a computer while tuning the bands, I print out a hardcopy to use thereby eliminating an electronic device from the radio shack while listening. During French Creek DXpeditions, my copy of the domestic Broadcasting Survey is in constant use! The PDF format DBS is incredibly inexpensive, extremely useful and an indispensable DX reference tool. The monthly update to the Tropical Band Monitor keeps the information up-to-date. At only US\$7.00, the electronic Domestic Broadcasting Survey continues to be the "best buy" of any hobby resource on the market today. Add the Tropical Band Monitor as a bonus and you have the deluxe package of DX resource tools. You must have the new DBS, which is an outstanding piece of DX hobby research. This is a "must have" for every DX radio shack and I can highly recommend its purchase so order a copy to enhance your shortwave DXing listening sessions.



Samples from Domestic Broadcasting Survey 12:

B 3815 0,2 GRL KNR, Tasiilaq (USB) □ 1500-1615v 2100-2212v Greenlandic, exc. Danish
nx 1530 2200 MAR10

B 3900 7,5 CHN Hulun Buir PBS, Hailar, Nei 2130-0700 (Tu-0210) 0900-1440 C Minggu MAR10

B 3905 10 PNG R New Ireland, Kavieng Kundu (Provincial) Service: 2000v-2200 0730-
1200v Tok Pisin, ID: "Maus bilong Mai Mau" MAR10

A 3912 - XXX Voice of the People, via 1100-2100 Korean // 6518 6600, ID: "Inmin-e sori
pangsong-immnida", Goyang, South Korea to KRE, d -3912.6. Operated by the Korean
Armed Forces. Jammed e.g. by Voice of Korea External Service MAR10

A 3915 100 SNG BBC, via Kranji FS: 2100-2400 E. Broker: VTC MAR10

C 3920 - KRE KCBS, Hyesan 2000-1800 Korean // 2850 6100 9665 JUL09

A 3925 50 J R Nikkei, Nagara, Chiba, Tokyo HS 1: 2040-1330v (Fr-1500v, Sa-1230v, Su-
1200v) Japanese // 6055 9595, ID: "Nikkei Radio - sha Tampa-hoso" (Nikkei R Corp. SW
Brc) FEB10

C 3925 10 J R Nikkei, Nemuro HS 1: 2040-2300 0800-1330 (Fr-1500, Sa-1415, Su-1200)
Japanese P P P P P

A 3930 - XXX R Voice of Kurdistan, □ S/on varies with Martial music as early as 0245,
0300-0400 1245- Sulaimaniya, Northern Iraq 1430 Kurdish, ID: "Era Radyo Dengi Kurd-
istana", 0400-0430 Farsi, ID: "Im Radyo Sedaye Kordestane" to Iran. Produced by the
Kurdistan Democratic Party of Iran, Sweden, d 3910-3940. Jammed MAR10

B 4825 5 B R Educadora, Bragança, PA 0830v-0230v P, d - 4825,3 FEB10

D 4826,5 15 PRU R Sicuani, Sicuani, Cusco 1000v-2300 S, 2300-0300v S/Quechoa, rlg,
sl: "La Voz de Canchis" JUL09

B 4828 100 ZWE Voice of Zimbabwe,Guineafowl, FS: 1530-0430 Shona/ Ndebele/E, E ID:
"This is the Voice of Gweru Zimbabwe", (= 5975). Some days off the air FEB10

A 4830 10 MNG Mongoliin R, Altay HS 1: 2200-1600 Mongolian, ID: "Ullaanbaataaraa
yaridz baina", to SW Mongolia, ck 4895 7260 MAR10

C 4830,9 - RUS Voice of Russia, Tbilisskaya □ Spurious signal of 1089 MW Tbilisskaya
RadioKanal Sodruzhestov in Ru to ME, intermodulated by 5920 Tbilisskaye 2000-2200
(5920 - 1089 = 4831) MAR10

C 4834,9 0,5 BOL R Virgen de los Remedios, 1000-1100 2100-0100v S catholic px // FM,
ID: "Radio Virgen de los Tupiza, Potosi Remedios, onda corta y FM, la voz católica en su
casa, con la cadena Radio Católica Mundial" SEPO9

A 4835 50 AUS VL8A, Alice Springs, NT 2130-0830 E, Northern Territory Sce, incl. CAAMA
R and ABC px, (= 2310) MAR10

- B 4835 10 IND AIR Gangtok, Sikkim North Eastern Sca: 0100-0400 1030-1600v (SE: 0015-0430 1030- 1730) Nepali, exc. 1030-1100 and Fr 1430 Hindi, 1100-1130 Lepcha, 1130-1200 Limboo, 1200-1230 Sikkimese, Sa 1430 E, (= 6085) FEB10
- C 4835 100 PAK R Pakistan, Islamabad □ [Apr-Aug] Current Affairs: 0200-0400 1300-1800 Urdu/E; but Nov- Mar FS: 1345-1445 Pashto, 1445-1545 Dari // 6235 JUN09
- B 4835,4 1 PRU R Marañon, Jaén, Cajamarca W 1000-0300(Sa -0200), Su 1100-1800 S, some days Off MAR10
- A 4840 50 IND AIR Mumbai, Maharashtra Western Sca: 2355-0400 1230-1730 (SE: 2315-0430 1045-1830) E/ Hindi/Marathi/Sindhi, E nx 1430, ID: "Akashvani Mumbai", (= 7240) MAR10
- A 4840 100 USA WWCN, Nashville, TN □ FS: 0100-1300 (Jun-Oct: 0700-1200(Sep-Oct -1300) E Rlg, ck 5070 MAR10
- A 6973 10 ISR Galei Tzahal, Lod, Tel Aviv □ 24 h Hebrew // 15785. Operated by Israel Defence Forces. ID: "Galei Tzahal, Shidure Tsava Hagana Le'Yisrael" MAR10
- B 7105 50 CHN Nei Menggu PBS, Hohhot, Nei 2150-1605 (Tu not 0600-0850) C, ID: "Nei Menggu Renmin Guangbo Menggu Diantai" // 7420 9520, spurs noted on 7085 7095 7115 and 7125 FEB10
- B 7105 20 MDG R Nasionaly Malagasy, 0500-1500 F/Malagasy // 6135, (= 5010) Ambohidrano MAR10
- A 7110 100 ETH R Ethiopia, Geja Jewe, Addis 0300-2100 Amharic/Oromo/Tigre/ Somali/ Afar-Hararie Agnuak / Ababa Nuer, MF 1400-1500 E // 5990 9704.2 , d - 7100,1 MAR10
- D 7120 250 TCD Rdif. Nat. Tchadienne, Gredia, (SS 0730-)1000-1800; sometimes also 0427-0730 1800-2000 F/A/Vn, N'Djaména alt. fq 4905 or 6165 SEP09
- A 7125 50 GUI R Conakry, Sonfonia, Conakry 0555(Su 0800)-2400 F/Vn, F ID: "Ici Conakry", "Radio Guinée" MAR10
- B 7130 10 MLA RTM Kuching-Stapok, Sarawak Sarawak FM: 2200-1600 Malay, relays nx from Kuala Lumpur on the hour, W Schools px: 0100-0300, d - 7130,5; ck 5030 AUG09
- B 7140 5 RUS R Rossii & NVK "Sakha", □ R Rossii Dubl 2: 0200-0300 0500-0910 1100-1600 Ru. Regional px Yakutsk, Respublika Sakha "Sakha": 2000-0200 0300-0500 0910-1100 Ru/Yakutian // 6150(ID) 7200 7345 MAR10
- B 7145 100 SOM R Hargeisa, Hargeisa, 1500-1900 Somali, r -1958* Somaliland OCT09
- A 7175 100 ERI Voice of the Broad Masses, Px 2: 0355v-0430 0930-1030 1700-2000v A, 0430-0500 1530-1600 Asmara Amharic, 0500-0600 1400-1500 Afar, 1500-1530 Saho/Bilen, 1600- 1700 Oromo. A ID: "Huna Asmara, Idha'at Sawt al-Jamahir al-Iritriyyah", d 7165-7180 and 8000 to avoid Ethiopian jammer MAR10
- B 7185,8 50 BRM Myanma R, Yangon, Yegu Main px: 0030-0200 1300-1530 Bamar, 0200-0245 (SS -0300) E, ck 5985(ID), ex 7200 MAR10
- C 7195 10 UGA R Uganda, Kampala Red Channel: 0600-1300 E/Swahili/Vn. (= 4976) AUG09 

Listener's Notebook

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Times are UTC and frequencies in kHz.

ABKHAZIA (Georgian S.S.R.) 9535, *R. Abkhazia*. Re-activated, presumed related with the decease of their president, noted on 1/6 at 0735 in Abkhazian and with mourning mx and from 0800 with nx in RR, ID "Gavarit Sukhumi". First heard since 06 Jan 2011. (Pankov/ARDXC)

ALASKA Summer A-11 of *KNLS The New Life Station*

English
1000-1100 11870
1200-1300 11870
1500-1600 9920

Mandarin
0900-1000 9655
1100-1200 9920
1300-1400 9920
1400-1500 7355

Russian
0800-0900 9655
1600-1800 9655
(R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews June 1)

ANGOLA 7216.76, *Radio Nacional*, Mulenvos. 2107, per Dave Kenny info (thanks World of Radio), sure enough, here in English with several ments of "Luanda." Despite reports of good audio, I found modulation was still very low (but still much better than 4949.8v, which was little more than an OC today). 21/5. (Sharp/ARDXC)

ARMENIA 4810, *Armenian Public Radio*, Yerevan. 1757, tone IS to 1759, anthem, then into lang man. First thought it was Arabic, but it was hard to tell, as audio was over modulated. Lots of local music, plug pulled at 1831. 27/5. (Sharp/ARDXC)

AUSTRALIA Australia's international broadcaster, *Radio Australia*, will continue to reach listeners across south east Asia following the signing of a new contract with Babcock's Communications business. Each day Babcock transmits 10 hours of Radio Australia's international short-wave radio programming in Indonesian, Chinese, Burmese and English. Our London-based Media Management Centre receives the programmes via satellite and coordinates the broadcasts through three transmitter sites in Singapore, Dhabayya in the United Arab Emirates, and Palau, an island in the

Pacific Ocean. (Babcock via Dave Porter, swsites/World DX Club)

2368.46, *R. Symban*, Leppington. 1122, noted off-freq and with poor telco-quality/hummed audio. Otherwise, still very strong, even with lower power. 16/5 (Sharp/ARDXC)

3210, *Ozy Radio*, Sydney. Good with religious comment, interrupted at 0731 with "Like what you here, send an email to Ozy radio at I Primus dot com dot Au". //5050 stronger on 5/5, also both good at 1925 (Adams) //5050 0845 60, 70 & 80's pops. 28/5. Soon to go off air in 1 month. (J.Wright-C) Bible reading 1900, 27/5 (Brown-C) Back on air after an absence, religious format 0718 w/lecture //5050, 9/5. (Seager/ARDXC)

5050, *Ozy Radio*, 1305-1336, June 5. A first for me to hear two positive IDs; "You are listening to Ozy Radio" given by OM and later by YL; playing 1960s songs (The Beatles "Eleanor Rigby", Major Lance "Monkey Time", etc.); brief spot about a boxer who won a medal and went to the University of Sydney; mixing badly with Beibu Bay Radio (BBR) also on 5050; best in USB. MP3 audio posted at <<http://www.box.net/shared/6bz9eovkle>> with IDs and music; very respectable performance from the 909X. Very nice signal for a 400W station! (Ron Howard-CA) Sent a reception report and audio clip of yesterday's reception of Ozy Radio to Craig Allen <ozyradio@iprimus.com.au> and received the following e-QLS: "G'Day Ron, You found us ! on 5050Khz we currently transmit with 400 watts with a dipole half wave dipole 10 metres off the ground. At this stage we are still testing but we plan to be a full time broadcaster within a few months. Stay tuned. Craig Allen, Station Manager". Am very pleased to receive this nice response directly from the station. 5050, Ozy Radio, 1304-1338, June 10. Still on the air; mixing with BBR (China); played "You'll Never Walk Alone", "Monday, Monday" (Mamas & The Papas), "Goodbye Yellow Brick Road" (Elton John), etc.; 3210 not heard at all. (Ron Howard-CA) 5050, Ozy Radio, Sydney. Fair but noisy, Fifties & sixties mx, 1200 14/5 (Agius) Brother Stair, heard preaching his words of ..(.....) you can fill in the blank. Thanks to a phone call from Craig Allen, who owns Ozy Music radio, we had a discussion about this programming, and even Craig said that "Brother Stair is a bit over the top". I responded with well if you

want the ACMA and everyone else all over you, feel free to broadcast Brother Stair. Well it was broadcast 11/12 May. I left football training and went straight to the shed 12/5 0945 Brother Stair, The Overcomer ministry preaching his message. 13/5 back to the 80s music format, which I have feedback from Graeme Dawe, Tony Magon, Brian Dann, Brian lane to name a few, who rather enjoy the music! (J.Wright/ARDXC)

Ozy Music Radio 3210 & 5050, Schofields NSW. As per an e-mail from Craig Allen, the station owner, plans to go off air for six months or so to relocate the transmitters. The silent period will commence at the end of June. New location believed to be closer to Penrith. (Wayne Bastow, John Wright & Phil Ireland/ARDXC)

BAHRAIN 6010 *Radio Bahrain*. English, 2120, fair with British/Euro pop music, brief comments. All alone on freq but fading fast, 13/5 (Sharp) EE pops, British accented anncr. Talking about mx awards, 2112, 28/5. (Seager-C/ARDXC)

BOLIVIA 4111, *R Virgen de Remedios*, (presumed) Tupiza, 0021-0044, May 29, male and female in Spanish talks, sounding like when they relay the audio of religious radio station WEWN. Unreadable, poor, 25322. (Otávio). It was last heard in Sep 2009 on 4835. (Ed/DX Window) 4111, Bolivia, R. Virgen de Remedios, Tupiza. June, 05 0004-0018 male in Spanish talks, sounding like once again they are relaying WEWN, able to catch few words "mirando todo; la amilia; porque toda la vida, y recibiran". At intervals, a pulse noise but when it was off, rating was 25422. (Lúcio Otávio Bobrowiec Embu SP Brasil)

BRAZIL 4914.994, 5.6 at 2359 *Radio Daqui* with sign off in the middle of a tune but I managed to get a few nice ID's before the transmitter was switched off. Strong signal. Earlier this evening with an extensive transmission from some sort of religious mass or similar without giving any ID's at all. Seems to be the strongest Brazilian recently in the 60 mb. (TN/SW Bulletin)

CLANDESTINE 6070, *Voice of Resistance* (Colombia), 1202-1258. Reactivation. At 1202 with the anthem of the FARC, then revolutionary music-based programming, views on national events, parties of war and 47th anniversary greetings. A strong and clear signal; there had been no shortwave broadcasts since the beginning of 2004y, when according to Plan Colombia, the guerrillas withdrew to border areas and began to use FM transmissions. There was little detail on any transmission schedule of upcoming broadcasts, but from one mention

it seems to be operated by the Joint Command of the West "... on the air CRB, Bolivarian radio network, Voice of the Resistance, broadcasting from the Andes, a corner of struggle for dignity and freedom ... " (Rafael Rodríguez, Bogotá, Colombia, undated, either June 4 or 5, via Yimber Gaviria, translated by Google and gh for DXLD/Shortwave Bulletin via Berg/DXplorer) 6069.932, UNID, Per Colombian FARC log- 1200-1211 (Jun 13) seeming om and yl en espanol, weak here, some distortion. (Wilkner-FL/DXplorer)

6205, *R. Free Sarawak*. PPC via Switzerland address (Socinstrasse 37, 4051 Basel) in 8 (!) days. V/S Bruno Manser Fonds. Requested xmtr location but it was not given. Requested current sked but not given either. My report was for a February log. (Wilkins-CO/DXplorer)

15550, *R Dabanga*, via Dhabbaya, United Arab Emirates (250 kW / 255 degrees), upcoming frequency change: Daily 0430-0527 Arabic to East Africa, ex 13730 // 13620 via Madagascar. (Ivanov and via Bueschel/DX Window)

17770, *R Ndiwulira*, Luganda, via Samara, Russia (250 kW, 188 degrees), new station by TDP, *1700-1730*, May 21, 24 and 28, English and vernacular ann, news or talks about Uganda, 34433. This was the first transmissions. Schedule Tu/Sa 1700-1730 for Uganda. (Ivanov and via Bueschel, Otávio and Slaen/DX Window)

21555, *R Democracia*, via Samara, Russia (250 kW, 188 degrees), tent. Su 1200-1300 in Amharic to East Africa. Broker TDP. (Ivanov and via Bueschel/DX Window)

Frequency changes of two WRN stations from KCH - Grigoriopol-Maiac Moldova site: *Radio Xoriyo Ogadenta* in Somali Mon/Fri: 1530-1600 NF 17590, ex15540 (R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews June 1)

Sudanese Youth Radio in Arabic Tue/Thu/Sat, but really not air: 1530-1600 NF 17590, ex15540 (R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews June 1)

Radio Miraya FM in English/Arabic, new June 1 from Ukrainian Radio relay site of Mykolaiev: 0300-0600 NF 11560, ex 9670 via RSO, SVK 1400-1700 15710, ex same via RSO, SVK

Gunaz Radio in Azeri from May 25: 1430-1730 7610 SMF, ex 1430-1930

New time for **Voice Asena** in Tigrinya:
1700-1800 15360 SAM Mon
1700-1800 15360 SAM Wed, cancelled
1730-1800 15360 SAM Fri, ex1700-1800

Denge Mezopotamya in Kurdish from May 29:

1800-2000 NF 11530 SMF, ex 7540 (R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews June 1)

COLOMBIA 5910, **Alcaraván Radio**, Puerto Lleras. Fading in through the noise with a Latin-American song and music at 0547. Much better at 0549 with SS anns, and still there at 1000. Heard on 27/5 (Allen-C) Heard on the Degen portable with the whip antennae, but not heard on the Icom 8500!!!! SS pops 0550 f/in 27/5. (J.Wright-C) 0930, very good with traditional vocals, ID and comments over guitar music bed, brief comments and back to music. 12/5. (Sharp/ARDXC)

6035.03, **La Voz del Guaviare**, San José del Guaviare. 1015, Spanish, presumed with Rosary recitation. Mixing with co-channel and also heavy slop from 6030, 16/5. (Sharp/ARDXC)

CONGO (People's Rep.) (French Equatorial Africa) 6115, **Radio Congo**, Brazzaville. 1817, French, I'm pretty sure this is the one, with rambling talk and occasional music bridges. But modulation continues to drop and it's difficult to copy. Not much on the freq prior to 1800. but seemed to peak by 1815. 18/5. (Sharp/ARDXC)

ECUADOR 4918.975 **Radio Quito**, 1012, good with local vocals, I'd by a man as "Radio Quito, la voz en vivo de la capital." Slight CODAR QRM. 5 June. (David Sharp, NSW Australia/ARDXC)

ETHIOPIA 6030, Re: Reception Report. Dear Mr. Adam, Thank you very much for your e-mail. I am very glad to hear the reception of our signal thus far. I have listened to the audio attachment you sent me and here I can confirm to you that the signal you received is **Oromiya Radio** transmitted at 6030 kHz from Ethiopia. The transmission language is Oromo language (Oromo is the major ethnic group in Ethiopia with population of around 30 million). With best regards, Habtamu Dargie, Oromia radio & TV, Engineering Head <habtamu_dargie@yahoo.com> (Fritz-Walter Adam-D, A-DX May 30/TopNews)

INDONESIA 7289.95, **RRI Nabire**, 0742-0859:29*, June 10. In Bahasa Indonesia; segment of children singing/chanting (have heard this in the past at this

time); 0759 seemed to be a different version of Rayuan Pulau Kelapa (a.k.a. song of Coconut Island - SCI); ToH Jakarta news and ending with the usual national song at 0827; music till 0856; then reciting from the Qur'an till suddenly off with no announcement; started poor and ended up fair. This sign off is just about an hour later than normal for them, which is very nice, as the longer they are on the better their reception gets. Nice to hear them again, as they were off the air most of last month. They seem to have adjusted the transmitter, as it is now on a slightly higher frequency. (Ron Howard-CA/NASWA Yahoo Group)

9680.04, **RRI** 1200-1232 May 27. Half a rep of SCI, time pips, then a time check for 19.00 hours ("..sembilan belas waktu Indonesia Barat") and warta berita; nx ended at 1226, followed by vocal mx. Fair/good. (Wilkins-CO/DXplorer)

IRELAND 6295, **Reflections Europe**. 1950, fair but readable, with American religious program. Able to // against 12255, which was even weaker. 22/5. (Sharp/ARDXC)

JAPAN In order to deal with the electric power shortage caused by nuclear power plant accident, **Radio Nikkei** 2nd broadcast continues to suspend its weekday transmission. They only air a test signal from 2300-2325 on weekdays Japan time. At present, they air from 2300 through 0900 only on Saturdays and Sundays on 3945, 6115 and 9760. Radio Nikkei's 1st broadcast is aired from 2225 through 1500 on weekdays, and from 2155 through 1200 or 12:30 on weekends. Frequencies for 1st broadcast are 3925, 6055 and 9595. We are advised to reduce 15% of electric power usage during the months of July through September. I have changed all light bulbs to LED type and purchased an electric fan to reduce the air-conditioner on time. Major companies decided to work on Saturday and Sunday and take holidays on weekdays when the power consumption is larger than the weekend. We don't have Day-light saving time, but some companies has announced to work half an hour or an hour earlier this Summer. People here are very much interested in energy saving idea and some people plant an ivy to get shadow from Sun to reduce an air-conditioner on time. We will see how these idea will work in Summer. (Toshi Ohtake, Japan Short Wave Club)

There are 2 transmitter sites of **JJY** (standard time and frequency). There is transmitter site on 40kHz in the vicinity of nuclear power plant in Fukushima. The damaged area was beautifully restored. Now 2 transmissions of JJY are normal. (Wagai/DX Window)

KOREA (South) 6015, *KBS Hanminjok Bangsong 1* (presumed), 1152-1156, June 11. A rare occurrence of them not being jammed by North Korea; two young announcers chatting and laughing; did not sound very threatening to me, but at 1156 totally covered by the start of strong jamming; similar sounding jamming as still found every day on 6230. (Ron Howard-CA/NASWA Yahoo Group)

LIBYA Benghazi, Libya (CNN) -- In a room padded with foam and spray-painted with graffiti, the new sounds of rebellion in Libya are being broadcast online. The guys running *Tribute FM* are amateurs who dug into their own pockets to fund Libya's first English-language online broadcaster targeting a worldwide audience. So far it has received a few e-mails and Skype calls from listeners from as far away as Denmark, the United States and Italy. "It is a people's movement right, but started by youth and powered by youth, OK," one of the DJs says into his mike as the show begins. He wants to be heard, not seen or identified by name because, he says, it will put his family at risk. They still live in areas controlled by forces loyal to Libyan leader Moammar Gadhafi. He, meanwhile, is in the rebel stronghold of Benghazi and using his microphone as a weapon against the regime. "This is our gift to all martyrs, to the people who actually died and suffered throughout this revolution," explains his colleague Aiman, who also asks that only his first name be used. (Wilkner/DXplorer)

MAURITANIA 7245, *R. Mauritanie*, Nouakchott. Fair level, and slightly noisy with Koran chanting at 0624, 28/5. (Allen-C) Thanks to David Sharp reactivated f/in 0605 indigenous mx poor level then fair on fades, 27/5. (J.Wright-C) Again 28/5 0605 with Koran AA chants fair level. (G. Wright-C) First heard 25/5, just after 0530. Peaking nicely by 0615 or so; usual program of male announcer, intermixed with recitations and nice local music. ID at 0701 with clear ment of "Mauritanie." Heard next day, 26/5, with sudden sign-on, midsentence, around 0620. (Sharp) Prodigious signal 0650 in AA, word perfect on 28/5. (Seager-C/ARDXC) 7245, Nouakchott, best and nearly only decent signal on the 41 mb on 6/15 at 0748. Nice local, atonal plucked stringed instrumentals and regional chorals selections. 0756 OM in animated FF anmts. 0758 xylo-like IS and then string instl solo. At 0801 a nice ID as "Ici Nouakchott . . . radiodifusion . . ." Then into a nx pgm in FF by OM and YL team, but with field correspondents phoning in, mostly in AA. 0806 starting to fade with growing local daylight there. 0809 news show ending and tuned out 0811 as signal taking a dive. Also heard 0605 6/19 but lower QSA, prior to likely peak a little later.

OM chanting Qu'ran. This always a fun station for me to hear, as once was one of the last West Africans heard when I was a beginning DXer l. . . Mauretania, along with Niger, were always such a late s/on's! Think they used to be *0700 . . . (R. Perry, Illinois/NASWA Yahoo Group)

MYANMAR New frequency - 7185.75, *Myanma Radio* heard May 27 from 1211 to sign off at 1330:21. In vernacular; playing various types of music; fair to good reception; good audio. This is a different transmitter than the ex: 7200.05v, which recently had terribly distorted audio. Again in the portion of the ham band where they should not be! Audio (MP3) of a 2 minute segment of my reception is posted at <<http://www.box.net/shared/x0eg4zfgo8>>. Mauno Ritola (Finland) and I were just recently commenting on the strange fact that the 7200.05v transmitter produced a weak spur on about 7185.87, which was first noted by Robin Harwood (Tasmania) in dxldyg, and that is very close to today's strong primary frequency, which was also used in the past. Believe they must be two different transmitters. (Ron Howard-CA/NASWA Yahoo Group) *Myanma Radio*, 1317-1331*, June 1. Continues to be well heard here causing QRM for hams; in vernacular with pop songs; ending with the usual indigenous theme music. 1331-1415, June 3. As they occasional do, was running well past their normal 1330*; frequency via E1; series of 15 minute lectures (English, math, etc.) from their Distance Learning Service. Myanmar is a country without many institutes of higher learning, so these radio lectures are important to students unable to attend regular classes. There are two main universities offering these programs: Yangon University of Distance Education and Mandalay University of Distance Education. (Howard-CA/NASWA Yahoo Group)

NETHERLANDS *Radio Netherlands Worldwide* is adjusting its journalistic focus to concentrate more on informing people in countries where press freedom is not a given. In addition, RNW will serve as the journalistic calling card of the Netherlands. The new focus 'Free speech, Dutch values', comes ahead of a cabinet decision about budget cuts to public broadcasting. RNW expects that a final, detailed version of the coalition's plans for the media will be published in mid-June. The coalition agreement states that "RNW will focus on its core tasks including freedom of speech while funding will be provided by the foreign ministry." Director General Jan Hoek clarifies: "This is a logical step. Many of our activities mesh seamlessly with foreign ministry policies, including the promotion of free speech and propagating Dutch

values. This makes RNW an important journalistic calling card for the Netherlands as a trading nation and a champion of international law." Recent research shows that less than 30 percent of the global population has access to the internet, which is strictly censored by a number of countries. "We reach the greater part of our audience via local media organisations which re-broadcast RNW content. In this way, RNW reaches tens of millions of people in their own language, meeting their information needs. External research has confirmed that new technological developments have not made RNW redundant, but rather offer new opportunities to make a difference." Jan Hoek expects that budget cuts will be part of the final cabinet media plan. "With this new course, we will be ready. Because, just like all other public broadcasters, we will have to make a contribution to the necessary budget cuts. It is difficult, but with this new course we are making a proportional contribution. We are reducing our budget from 46 million euros to 36 million euros, or about 20 percent." If RNW's new focus meets with government approval, the reduction would be realised by winding down Dutch-language activities and short-wave broadcasts (by closing two transmitting stations in Bonaire and Madagascar, for example). About 100 jobs will probably be lost in Hilversum and on these two islands. (R Netherlands Africa Website)

Radio Netherlands Worldwide was surprised on Tuesday evening by unconfirmed reports that government cuts will leave the Netherlands' international broadcasting service with less than a quarter of its current budget. In response to the reports from commercial television broadcaster RTL, RNW Director General Jan Hoek said, "If this is so, it appears decisions are being taken without due care. I can't imagine this happening." Earlier today, RNW announced its own proposals for the broadcaster's future, set out in a document entitled "Free Speech, Dutch Values". This would involve substantial cutbacks to RNW's Dutch-language service. The proposed savings amount to 10 million euros, roughly 20 percent of the media organisation's budget. RNW's own plans put greater emphasis on providing news and information to regions of the world where press freedom is limited. Dutch-language programming would be largely scrapped, although RNW would continue to function as an emergency broadcasting station for Dutch nationals abroad. RTL says its sources are close to the Dutch government, which is due to make key decisions on public broadcasting funding soon. It is presumed cutbacks to Radio Netherlands Worldwide will be one of

a raft of measures. Currently RNW receives 46 million euros from central government for its activities, which presently include news and information services for Dutch nationals abroad, emergency broadcasting during international disasters, the provision of information in regions where press freedom is limited, and the presentation of a realistic and balanced image of the Netherlands. (Radio Netherlands Worldwide Website)

NORTHERN MARIANAS, COMMONWEALTH

FEBC's shortwave transmitting base on the island of Saipan was originally commissioned as a tool for broadcasting into the Russian and north Asian landmass. Since the opening up of Russia, FEBC has been able to broadcast more and more widely from within that nation including the use of local and community stations. This has not only increased our audience, but expanded the ways in which we can broadcast using FM and internet solutions. After careful and prayerful consideration of how to most effectively steward the resources we have, FEBC has decided to relocate the Saipan transmitters to the Philippines and recommitment them into service for hard to reach groups in SouthEast Asia. They are being dismantled and rebuilt at Iba to reach ethnic minorities who don't as yet have the message of god in their own languages. Graham Barker from Darwin who was a Telstra engineer and project engineer for relocating a 300kw transmitter from Carnarvon to Darwin and he has 30 years experience. Graham is currently in Saipan decommissioning the transmitter and relocating it to the Philippines. (FEBC Skywaves via David Brown/ARDXC)

OMAN Confirmation from *Radio Sultanate of Oman* received in 72 days, enclosed US dollar was returned. The address given in WRTH 2011 was crossed out and replaced with Radio Sultanate of Oman, English FM, P. O. Box 397, P.C. 113 Muscat, Oman. (Sebastian Arndt, Germany via Dr Hansjoerg Biener via Wolfgang Bueschel/WDXC)

PAKISTAN 3975, *Azad Kashmir Radio* (tentative), 1336-1348, June 10. In vernacular and mostly non-stop indigenous music (singing/chanting). Must be "via a new transmitter from Islamabad by Azad Kashmir Radio Trarkhel (a subsidiary channel of R. Pak) from Radio Pakistan" per DXLD 11-22; which would probably explain why I suddenly started hearing them here back in April. (Howard-CA/NASWA Yahoo Group))

PAPUA NEW GUINEA 3205, *NBC Sandaun* via Vanimo, West Sepik, June 4

was off the air at 1143. From 1205 to 1241 heard with relay of the "N-B-C National Radio" programming with YL DJ in English with dedications for songs (island, C&W, pop/rap, etc.); local TC ("about 20 till 11"); gave phone number to call in; almost fair. Randomly from 1225 to 1327*, June 2. DJ in Tok Pisin with dedications; many local IDs; mostly island pop songs plus Dire Straits "Money For Nothing"; seemed over modulated audio; well above their normal level; suddenly off in mid-song; so strong as to cause some QRM for Ozy Radio on 3210 (Howard-CA/NASWA Yahoo Group) 3205, R. Sandaun (West Sepik) randomly from 1102 to 1303, June 10. Well above normal reception; news at 1102 (Tok Pisin), 1201 ("News in Brief") and 1301 ("News Roundup"); many IDs; PSA in both Tok Pisin and English explained about the July census and different from the Electoral Commission that registers voters. <<http://www.box.net/shared/o3krizz7ers26cqx14u>> contains MP3 audio of the PSA and their very nice station song (gN-B-C Sandaunh at 00:43 and again at 01:23 on audio). Enjoyable programming of island songs. 3290 and 3365 also above the norm. (Ron Howard-CA/NASWA Yahoo Group) Am attempting by networking to make contact with this station. Sent an email to someone at ABC Australia who currently is working on a project in PNG. She says she will forward my report on to the station at Vanimo. I hope for the best! She also comments: gMost of the shortwave transmitters in PNG are in a poor state and listeners no longer have shortwave radios. There is a technological revolution underway via mobiles and smartphones. Does not sound very promising for the future of NBC via SW in PNG. (Ron Howard-CA/NASWA Yahoo Group) 3205, NBC Sandaun (West Sepik), randomly from 1139 to 1212, June 14. I continue to be surprised by their decent reception even with more daylight now in the summer; in Tok Pisin; political speeches; island songs; promo for Friday 8:30 show, for which they gave address to write in to: NBC Sandaun, PO Box 371, West Sepik Province; PSA about elections; noted several other PNG stations also have segments about the upcoming elections. Folks may wonder why I continually tune in here; it's because I enjoy their many nice selections of island songs; < <http://www.box.net/shared/i1v2s4bhv5dlg19b1e39> > contains an MP3 audio with the address and a few island songs. Enjoyable even with static crashes and some unid QRM. Regarding their name - Sandaun is the Tok Pisin spelling for gsun downh. As one of the two western most provinces in PNG, the people of Sandaun/ West Sepik are the last Papua New Guineans to see the sun set each day. (Ron Howard-CA/NASWA Yahoo Group)

3915, **Radio Fly**: This Thursday (Jun 16) onward I will especially be checking for reception of the soon to be reinstalled repaired 3915 transmitter. "Rosie" (Roseanne Kulupi, who is not just the R. Fly radio technician, but also has air time in pidgin, "because majority of our listeners are pidgin speakers", has indicated she hopes to drive down to Kiunga, the transmitter site, from Tabubil, site of the Ok Tedi Mining headquarters, on either Wednesday or Thursday of this week to reinstall the transmitter. So we should be able to compare the 5960 and 3915 signals this weekend, if not shortly before then. (Ron Howard-CA/NASWA Yahoo Group) 3915, R. Fly, randomly from 0857 to 1228, June 15. Rosie indeed must have driven down to Kiunga today and reinstalled the 1 KW repaired transmitter. Ham QRM and adjacent QRM from a strong 3912 (Korea). At tune in was below threshold level (only carrier heard) but was slowly fading up; by 0911 heard pop music that was clearly // to somewhat stronger 5960. Unfortunately today had subnormal reception for R. Fly compared to their decent reception during the past week on 5960. Heard from 1014 to 1156 live rugby coverage (sounded like the Queensland vs NSW match); then into pop songs (Dobie Gray with "Drift Away", etc.); mostly unusable on 3915 and only slightly better on 5960. Nice to have another frequency to check them out on! (Ron Howard-CA/NASWA Yahoo Group)

On June 13 at 2000 UTC I heard a station sounding very much like R Fly. I mailed Roseanne Kulupi asking if R Fly was reactivated already this day. Here is her reply: Hi Mr Nilsson, Sorry for taking forever to respond to your email. The 3915 Transmitter was re-installed on Wednesday June 15th. So the audio you heard may have been from a Chinese Radio Station that has a frequency close to ours...not too sure. Both our frequencies are currently on air - 5960 & 3915 kHz. Thank you for tuning in and I hope you have a safe week. Kind regards, Roseanne. The station I heard was not 3912 Korea and not BBC which starts 2100 UTC. Also the station was in direction towards Asia. I have heard the same station but weaker June 15 and onwards and I am quite certain that this one is R Fly. Anybody having an idea who else uses this frequency at that time? Thomas Nilsson, Engelholm Sweden/DXplorer) 3915 mystery now solved by Mauno Ritola and Jari Savolainen. The origin of the unid station I can hear in the evenings instead of the rare R Fly is now solved. Both Mauno and Jari say it is definitely Ukrainian language on the short piece of my recording. This means that the 5th overtone of the 783 transmitter is still there. This time not as strong as last winter, though. Mauno and Jari, thanks a lot for

listening and nailing Ukraine. Thanks a lot also John Herkimer and Ron Howard for your comments. Hopefully within a few months R Fly will be strong enough to override this overtone. (Thomas Nilsson/DXplorer)

5960, **R. Fly**, randomly from 0916 to 1403, June 10. Well above normal reception; mostly in Tok Pisin; island songs; 0927-0938 segment about health issues in the Western Province and Australian Doctors International; many IDs; pop songs; 0945 started exciting live coverage (whose relay?) of the rugby match between the Gold Coast Titans and the St. George Dragons held in Australia; given by two Australian announcers. At 1354 surprised to hear them play a selection of classical orchestra music (a first!), followed by usual pop songs. Still no 3915 signal yet. (Ron Howard-CA/NASWA Yahoo Group) 5960, R. Fly, 1011 to 1139, June 11. Continues to have decent reception; live coverage of the Manly vs Cowboys rugby match held in North Queensland (Australia), the home of the Cowboys; two Australian announcers; game ended 1118; music (island/rap/pop[Beach Boys "Don't Worry Baby"]/C&W/etc.); in Tok Pisin with ID and still talking about the Manly-Cowboys match up. Still nothing on 3915. I have been wondering who provides these audio feeds to R. Fly for the rugby matches? Because the announcers are Australian, I thought perhaps from R. Australia, but not so. Heard RA on 6020 at the same time today, also with live play by play coverage of the same Manly-Cowboys match. Clearly not the same coverage, so is not a RA audio feed. They never do give an ID during the live coverage. (Ron Howard-CA/NASWA Yahoo Group) 5960, R. Fly, 0944-1107, June 17. Two Australian announcers with live coverage of the exciting Brisbane Broncos vs St. George Dragons National Rugby League match held in Australia; better reception than yesterday; fading up very gradually; faintly heard // 3915, but always poor; 1030-1044 music break. Will probably have to wait till our wintertime to again hear 3915 with decent reception. (Ron Howard-CA/NASWA Yahoo Group)

PERU 3360.006, 12.6 0100 UNID Peruvian station, quite weak. No ID during a 5 min long recording at top of the hour. (TN/SW Bulletin) 3360.01, 9.6 - 0409 UNID. June 10: This week I could hear almost daily an UNID LA station on 3360.01 between 03-04. Probably from Peru, it plays Andean and LA music with slogans between songs (male voice). The signal is very weak (here in the middle of Europe). In slogans there appears something like "Q" (Onda Q ?) very often. On June 9 the station closed down at 0409, on June 10 it got extremely weak after 0335

but I still had a feeling that it was there at 0410 ... June 11: I confirm Hasse Mattisson's observation of this morning (Saturday): no signal today. I was there between 0300-0400. I was studying my recording again: it really is a Peruvian station, most probably from the eastern part of the country. I do not want to give up and ask a Spanish native DXer for a help so I will listen to the recording again and perhaps will see (= hear). I was thinking about possible harmonics but have found no station that would fit to the ID that I can perhaps hear on the recording (if it is an ID). So no Peru on 3360 but there was Radio Lipetz (BOL) on 4796 this morning with its regular Friday evening extended show. I can hear it every Saturday morning here in the middle of Europe. (Karel Honzik, CZE/SW Bulletin)

4850.72, **Radio Genesis**, Huanta. 1141, presumed with huaynos and male DJ. There is a second station very close by-- couldn't pull any audio, but the FT-950 notch filter eliminated the het at a setting of 760 Hz). Too early for India. Who else would be here? 10/5. (Sharp/ARDXC) 4850.69, Radio Genesis, Huanta (very tentative), all ready on the air at 1041 tune in on June 15. In Spanish; almost thought it was a sporting event due to the excited announcer, but actually seemed to be some type of singing? Above threshold level, but not able to hear any ID. (Howard-CA/NASWA Yahoo Group)

5921.25, **Radio Bethel**. tentative, 1115, occasional bits of Spanish conversation cutting through the slop, but far too much splatter for anything close to an ID. Even with tight filters, presumed China on 5925 is a problem. 23/5. (Sharp/ARDXC)

6047.05v, **R. Santa Rosa**. Two days of outstanding reception; improved signal assumed to be enhanced via almost grayline reception; have never heard them this strong nor this low in frequency (normally about 6047.15); June 16 from 1133 to 1159 and June 17 from 1108 to 1138; at times heavy adjacent QRM; best in LSB; religious music; several IDs; after 1130 sounded like repeating of the Catholic rosary; countless "Santa Maria". Very slight drift in frequency. MP3 audio posted at <<http://www.box.net/shared/tbtyf7fosjllnts2czgu>>. Thanks to Ralph Perry and Bob Wilkner for their input. (Ron Howard-CA/NASWA Yahoo Group)

PHILIPPINES Updated summer A-11 of **Radio Veritas Asia** PUG except Santa Maria Galleria (SMG) as noted:
Bengali
0030-0057 11710
1400-1427 11870

Burmese
1130-1157 15450
2330-2357 9720

Chin
1430-1457 9535

Hindi
0030-0057 11850
1330-1357 11870

Hmong
1200-1227 11935

Kachin
1230-1257 15225
1200-1300 9645

Karen
0000-0027 11935
1200-1227 15225

Khmer
1000-1027 11850

Mandarin
1000-1157 9615
2100-2257 6115

Filipino
1500-1557 15280 SMG
2300-2327 9720

Sinhala
0000-0027 9670
0000-0027 11850
1330-1357 9520

Tamil
0030-0057 11935
1400-1427 9520

Telugu
0100-0127 15530
1430-1457 9515

Urdu
0100-0127 15280
0100-0127 17860
1430-1457 15260 SMG

Vietnamese
0130-0227 15530
1030-1127 11850
1300-1327 11850
2330-2357 9670

Zomi-Chin
0130-0157 15520
1430-1500 9620
(R Bulgaria DX Mix News, Ivo Ivanov, via
wwdxc BC-DX TopNews May 31)

PIRATE Since May 5 *Laser Hot Hits* has been using new 6947 as well as 4026, programmes not in parallel. (Mike Barraclough, Allen Dean/WDXC)

Irish Music Radio being heard regularly on 6930, no contact details announced for this station. (Allen Dean/WDXC)

Radio Malta heard May 18 on 6933 from 2347 to 0044 closedown by JonM and Terry in Newfoundland. Pop music and pre-recorded identifications. Heard the next four nights on 6933 then moved to 6937. Also widely heard in Europe. Has replied to reports very quickly with a map e-QSL from shortwavemalta at hotmail.com. At deadline no reports since May 22. (shortwavedx.blogspot.com/WDXC)

PORTUGAL Portuguese public broadcaster **RDP** confirmed yesterday it is temporarily suspending its shortwave transmissions as of 1 June because of the low number of listeners and as a means of cutting costs. RDP said it would be reviewing the service to see whether it would go back on air at a later date. Listeners around the world can still follow their favourite programmes via satellite, cable and Internet. The Portuguese broadcaster said it is "just one of many global broadcasters who are reducing or closing their SW transmissions". (Source: The Portugal News via RNMN Weblog)

RUSSIA 15110, *Tatarstan Wave/GTRK Tatarstan*, via Samara, *0410-0500*, June 3. Brief IS; first ID in assume Tatar; second ID in Russian: "V efiyre programa na volnye Tatarstana" (thanks again to Jim Young's wife, Karen, for providing this ID); segments with news, interviews and music (ballads, folk, etc.); 0415 another ID; almost fair. Was checking out my new Sangean ATS-909X. Nice! *0410, June 4 audio of sign on at <<http://www.box.net/shared/rb9k2sxis6>>. (Howard-CA/NASWA Yahoo Group)

SAUDI ARABIA 15250, **BSKSA**, Riyadh. IDs at 1000 "Radio Riyadh", at 1030 "This is the English language service of Broadcasting Service of Kingdom of Saudi Arabia", at 1100 "Radio Jeddah's News and reports prgr" 31/5. (Pankov/ARDXC)

SYRIA 9330, **R. Damascus**, Adra. Very wk with fades & noise in EE 2102 on 18/5. (Hellyer) AA vocal selections at 2150+ on 29/5. High level S-meter reading but quiet audio. (Allen-C/ARDXC)

USA 5000, **WWV/WWVH**. Now announcing that the previous decision to discontinue the Solar Indices broadcasts on September 6 has been retracted. (Wilkins-CO/DXplorer)

Voice of America operator plans "sunset" for shortwave radio broadcasts: The sun is setting on Voice of America's shortwave radio service, heard worldwide in dozens of

languages for 70 years. A strategic technology plan prepared by the Broadcasting Board of Governors (BBG), the federal agency responsible for Voice of America, Alhurra, Radio Free Asia and other international stations, concludes that it should end many shortwave broadcasts in favor of "more effective" media such as internet radio. Full story at: <http://www.boingboing.net/2011/06/06/voice-of-america-ope.html>. (Alokesh Gupta-India/ARDXC) The full report is at http://www.governmentattic.org/4docs/BBG-TechStratPlan_2010-2012.pdf See pages 7-11. (Berg-DXplorer)

LOS ANGELES (Reuters) - Evangelical broadcaster Harold Camping, who rallied thousands of followers with a failed prophecy that the world would come to an end last month, has been hospitalized after suffering a stroke, a spokesman said on Monday. Camping, 89, fell ill following a broadcast of his daily "Open Forum" radio show last Thursday evening in Oakland, California, and was admitted to an undisclosed hospital in the San Francisco Bay area, said Tom Evans, a spokesman for his Family Radio network. "He's doing well, and that's all we want to say right now," Evans told Reuters by telephone. He said the Family Network of 66 U.S. stations that carry Camping's show has been airing a periodic announcement about his stroke for listeners, and that the network would play archived broadcasts of his show for the time being. Camping drew international headlines by predicting the biblical Judgment Day would occur on May 21, launching a doomsday countdown in which some followers spent their life's savings in anticipation of being swept into heaven that day. But after Camping's prophecy failed to materialize, he said he had simply miscalculated by five months and pronounced a new date for the apocalypse, October 21. (George Zeller-OH)

NOTE: From May 22, 2011 **WYFR Family Radio** broadcast only music, instead of programs in different languages! (R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews June 14)

UZBEKISTAN A-11 for **CVC The Voice Asia** via Tashkent:

Hindi to India
0000-0400 6260
0400-1100 13630
1100-1400 9660
1400-2000 6260

Hindi to South Asia
0100-0400 9975

(R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews June 1)

VANUATU 3945, **R. Vanuatu**, 1150-1218*, June 2. In vernacular; news?; island song; ID with frequencies; National Anthem and ended audio; stayed tuned to hear if they started up the audio again as they sometimes do, but that did not happen today; transmitter off at 1224; better reception than yesterday. 1210-1215*, June 1; in vernacular; National Anthem and ended audio; transmitter off at 1224 (Howard-CA/NASWA Yahoo Group) 3945, **R. Vanuatu**, 1221-1224:08*, June 14. In vernacular; "Radio Vanuatu" ID with frequencies; Nation Anthem. Is rather ironic that their transmitter goes off every day at 1224, the same time that NBC East New Britain (PNG) also consistently pulls the plug on their transmitter on 3385 too! (Ron Howard-CA/NASWA Yahoo Group) 3945, **R. Vanuatu**, 1210-1224:32*, June 15. In vernacular; OM with monologue; EZL pop music; sign off announcement for "Radio Vanuatu" with SW-MW-FM frequencies; ending with National Anthem. <http://www.box.net/shared/hkvc09i4mu3f9oy13tjv> has fairly clear MP3 audio with gRadio Vanuatu at 0:20 and again at 01:03 and NA. Not too often I hear them this distinctly! (Ron Howard-CA/NASWA Yahoo Group)

ZAMBIA A-11 of **CVC International**, 1 Africa in English via Lusaka:

0600-2000 13590
2000-2200 9505

A-11 for **Christian Voice** via Lusaka:

English to South and Central Africa
0500-1700 6065
1700-0500 4965

(R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews June 1)

DRM Visit to Korea 21-Jun-11: A delegation of senior DRM Consortium members attended the 21st edition of KOBIA (Korean Broadcasting Engineer & Technicians Association) Exhibition & Conference (14-17th June 2011) and held meetings with the major players and stakeholders in the Radio Digitisation process in Korea. Meetings were also held to push for receivers for all the important DRM markets. DRM Chairperson Ruxandra Obreja along with Vice Chair Ludo Maes and Technical Committee Chair Lindsay Cornell used the opportunity to meet senior Korean technologists and broadcasters. They also met Korean manufacturer MSWay who have recently become DRM members at their head office in Seoul and discussed their plans for a commercial DRM30/DRM+ receiver. In Korea the government has asked ETRI, the broadcast specialised institute, to evaluate the various standards and tests have been performed in Korea recently. Reports have been sent to the government and bodies

like the Digital Radio Committee (representing all Korean stakeholders) are now advising the government on what solution to go for. The chosen standard is scheduled to be announced by the end of this year. (Alokesh Gupta-India)

Forum highlights radio interference fears Geneva, 02 June, 2011 – Concerns that home networking products using power line transmission (PLT) technology may cause interference with radio services led to a Forum last week in Geneva to address the issue. ITU's own home networking standard ITU-T G.hn was considered to have electromagnetic compatibility (EMC) and mitigation techniques that go well beyond those considered essential for protecting radio services. Given the variety of electronic devices in our homes, strict EMC requirements are imperative. Over-the-air broadcast services in particular could be subject to interference from PLT systems. The event took place in parallel with an interoperability event giving ITU-T G.hn chipset vendors the opportunity to test their products, which will be on the market later this year. It brought together radio spectrum experts from national regulators, service providers, and product manufacturers, as well as standards development organizations (SDOs) and industry alliances including ETSI, IEC, IEEE, HomeGrid Forum, IARU, NAJO/IAU and HomePlug. The Forum successfully achieved its goal of agreeing on commitments and future actions by all stakeholders to resolve interference issues in the interest of consumers. A key conclusion is that ITU will act as the focal point for coordinating other SDOs and industry alliances in order to agree further developments. "There are PLT products on the market that do not conform to the necessary EMC standards, and this is very much a concern," says Dr Hamadou Touré, Secretary-General, ITU. "We are fortunate in ITU to have telecom and radio experts from both the private sector, government and regulators. Together they have agreed the necessary requirements to ensure that products conforming to ITU standards do not cause interference, which may have potentially serious consequences. We would caution service providers and others against rolling out technologies conforming to specifications that do not meet ITU requirements." John Shaw, representing BBC World Service, said at the meeting: "For broadcasters, it is extremely important that products sold do not interfere with the reception of programmes or reduce coverage. We applaud the efforts of ITU to ensure international acceptance of the organization's stringent guidelines on compatibility between electronic communication systems and the use of the radio frequency spectrum." Similar views

were also expressed by representatives of the aeronautical and radio astronomy communities. (Harald Kuhl-Germany/DXplorer)

Major Drop in Solar Activity

Predicted: As the current sunspot cycle, Cycle 24, begins to ramp up toward maximum, independent studies of the solar interior, visible surface, and the corona indicate that the next 11-year solar sunspot cycle, Cycle 25, will be greatly reduced or may not happen at all. The results were announced at the annual meeting of the Solar Physics Division of the American Astronomical Society, which is being held this week at New Mexico State University in Las Cruces: <http://astronomy.nmsu.edu/SPD2011/>. (Dan Ferguson-SC/NASWA Yahoo Group)

Rest In Peace: I am very sad to inform you all, that on Wednesday June 15th, 2011, our DX hobby friend Roland Schulze passed away in Stuttgart after battling lung cancer for nearly 15 months. Roland was 70 years. He was coming round well after responding of treatment in Stuttgart Katharinen-Hospital last year 2010, but things started going wrong in February 2011. Roland Schulze is survived by his wife Cora Schulze(61) and his son Walter Schulze(21). Please have them in your thoughts and prayers. In 1994 he and his family left Germany for Legazpi, the Philippines. He provided us with exotic DX tips from East Asia during his stay in the Pacific region. Despite he was not fond in computers, he was always happy with his Collins and R8B communications receivers and great ALA1530-SSB+ Magnetic active antenna. He was keen and lucky enough to listen and confirm all shortwave stations from Papua New Guinea and even Bougainville Island in past 35 years. In 2005 the family came back to Germany and settled down again at Stuttgart, Germany. (Wolfgang Bueschel, df5sx)

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

Pirate Radio Report

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

Welcome to the July edition of the Pirate Report! Activity in the last 4-6 weeks has been very irregular from mid May to early June. The activity level was very low with some increase of activity toward mid June but mostly on the Fridays and the weekends. During the month of April there were approximately 65 broadcasts; this number fell to just over 20 during the month of May (courtesy of Piratesweek.info, thanks Ragnar). I would expect that the activity level for July will be lower than the April number and closer to the May count.

There are various reasons for the fall off in activity. It is summer and most folks are out enjoying the weather and performing duties associated to this time of the year (can you say mow the lawn). It appears the listening community is affected by the same issues as the report count for the ops that were heard is down as well.

Additionally, the propagation conditions have been poor for the most part and we sure have had our share of stormy weather adding to the normal summer time band noise.

Rumors

For some time there have been rumors flying around the community regarding some ops getting a visit from the FCC. This in itself is undoubtedly another contributor to the drop off of activity in the last few months. As I said there are all sorts of rumors flying around. I can tell you that there were at least two ops that did get the knock from the FCC. In the interest of privacy I will not identify these ops as that is their wish. So, what is the cause of these visits? Is the FCC getting interested in the HF pirates again or were these just isolated incidents? I can't say for sure. I would say that prior to these events the activity level was quite high and maybe that attracted their attention. I'll also mention that there has been increased digital traffic in the 43 meter band which many think is due to increased military activity (military and or MARS traffic). We will have to see how it all shakes out. But

for now it seems that some ops have elected to lay low.

Around the Community

The FRN

The FRN went down on May 22 and was down for some time. When it came back up it was pretty sluggish for a time. The cause of the outage was that the servers (or internet infrastructure) for the FRN are in Joplin, Missouri and they were knocked out as a result of the tornado there. John Cruzan also lives in Joplin and thankfully was reported to be OK after the storm. John was the founder of the FRN and owns the rights to the URL. We are happy that John and his family are doing well and that the FRN is back to running normally.

A New Pirate Radio Website

There is a new website for pirate radio fans and operators, the "Free Radio Café" started by "The Poet" of "The Crystal Ship" fame. It is a nice site with 11 forums including separate forums for North American Shortwave/ AM logs and European Shortwave/ AM logs. At the time of this writing it had 108 members. Among the members are several Euro ops as well. Registration is open to all. You can find the Free Radio Café at: <http://freeradiocafe.com/>

2011 Pirate Radio Annual

I received my copy of Andy Yoder's 2011 Pirate Radio Annual this week. As always it is a class publication with very useful information. This year it is 184 pages (versus 126 last year). He has added a section on "Tuning in Pirates", a great how-to guide for getting new folks involved and a chapter on "Tuning in Unlicensed Beacons." The annual also includes a CD with audio from 84 stations. A great publication and a resource that all pirate radio DXers should have. You can contact Andy at: info@hobbybroadcasting.com

Are European pirates an alternative in these times of low North American Activity?

With the drop off in North American activity why not try your hand at some European pirates. It will be a challenge (most of us like challenges) due to summer time band noise and possibly your location. But it is a possibility. In the last few months there have been some good reception openings to Europe. Below are a few euro ops that have a somewhat regular schedules. Thanks Terry Newfoundland for the info. All times are in UTC.

- **Laser Hot Hits:** on 24/7 on 4.026 and 6.945
- **Irish Music Radio:** look for them on 6.930 on Fridays, Saturdays, and, Sundays till about 0200 UTC
- **WR International,** Sunday mornings until about 11:30 on 12.257
- **Skyline International Radio:** most Friday nights on 3.905.

In general, the euro ops tend to hang around 48 meters so, give it a try some evening. Many of these guys like to stay up very late on Friday and do their thing so Friday night is often a good time to scan through that area.

And now for the logs somewhat slim pickings for reasons previously stated. Thank you, to all those that did contribute this month.

Captain Morgan, 6.925, 6-11-2011, 0230-0250, playing a fine selection the blues music. Good signal with some static. (Rohde-OH) 6924.86, 0305-0315, June 11. Blues music. ID announcement which was somewhat distorted. Poor in thunderstorm static. (Alexander-PA)

MAC, 6.925, 6-19-2011, 45433 S9 +15 Good signal great ID strength. Noise comes up a bit during the music, Paul Star show. 0205 music from the Monkeys. Nice to hear you it has been a long while! (Rohde-OH)

Radio GA-GA, 6.925U, 6-18-2011, 334242, bad noise here this morning with a buzzing sound on top of that. 1245 Came on pretty strong and then the signal strength faded. ~1312 off with a Radio GA-GA ID. (Rohde-OH)

Radio Ronin, 6925, 0029-0043*. 24 May 2011. EG. Two full ID's and calls for postings on FRN. Music included "Green Grass and High Tides," "Long Time Coming," and

"Madman Across the Water." The static levels rose during the reception, and there was an appreciable amount of fading. This my first log of this station since February 2010. Fair. (Wood, TN)

Rave on Radio, 6.925u, 6-19-2011, 35333, Fair signal on top of a very spiky noise floor tonight. 0124 "can't get you out of my head" 0127 "Very superstitious". 0131 a "police" tune "It's all right for you". 0140 several IDs gave email and asked for reports to FRN and HFU (Rohde-OH) 6-2-2011, 35344 0157 Mentioned the crazy weather Rave Radio ID 0201 Memorial Day weekend show Tom Wait? First time for this op. (Rohde-OH)

UNID, 6925U 1218-1242* 5/31/11 SIO=242/141. Prgm of classic rock mx w/ Moody Blues, John Lennon, and other artists. No ID heard as such, but the last song was R. Ga Ga, and the show closed w/ two minutes of a digital SSTV xmsn. So, while I list this as unid, it might have been R. Ga-Ga. (Zeller-OH)

UNID, 6925.4, 0130 - 0154, 5/27/11. Dance / trance music, pauses but no talk or ID heard. Ended or abrupt fade out at 0154. Very poor. (Taylor-WI)

Wolverine Radio, 6925u, 0240-0330, 05 Jun, EE. Very strong copy. 0246 Pat Benetar tune. id at 0249 as Wolverine Radio. "Running down a Dream" 0249. 0254, "Sure fire way". 0258 "Just want to run away" 0300 jazz tune with female vocalist. ID at 0304 then to digital scan 0306 back with Rod Stewart tune and stronger. Take me 0310 Walk On the Wild Side. Angels want to Wear Elvis shoes 0319. By far the strongest and the best copy of a pirate radio station I have ever heard. Excellent audio fidelity (Montgomery, Pa)

Euro Pirates

Radio Malta, 6937.07, 0320-0430, June 18. Pop music of the 70s-80s, including music by Sade and Huey Lewis. ID. Poor. Weak in noisy conditions. (Alexander-PA)

Well, thanks for spending sometime here and I hope all of you the best in DXing! 

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

ARGENTINA: Radiodifusion Argentina al Exterior 11710 f/d "Logo" cd. in 10 mos. after a f/ up rpt. (Nawrocki-NC)

AUSTRALIA: Radio Australia 15560 via Shepparton f/d "Shepparton International High Frequency Transmission Station" cd. in 11 mos. after a f/up rpt. (Nawrocki-NC).

CHINA, PEOPLES REPUBLIC OF: China Radio International 9600 via Kashi f/d "Bonan Ethnic Minority Group" cd. in 34 ds. Also rcvd. 3 bookmarkers, personal note and reception report form. (Kivell-FL). 15100 via Jinhua same cd. as above w/ personal note and a station sticker. (Kivell-FL).

CYPRUS: Cyprus Broadcasting Corporation 9760 f/d "Broadcast Headquarters" cd. in 1 mo. (Nawrocki-NC).

ENGLAND: KBS World Radio 3955 via Skelton The station verified my email

STATION NOTES: Radio Dabanga 7315 Addr: Press Now, Witte Kruislaan 55, NL-1217 AM Hilversum, Netherlands Radio Free Chosun 11570 Email: rfchosun@rfchosun.org v/s Kyong Hee. Radio Horyall 12130 v/s Ludo Maes. Radio Jacada 12125 (TDP Relay) v/s Ludo Maes. Radio Sagalee Qabsoo - Billsummaa Oromoo 12120 (TDP Relay) v/s Ludo Maes. Radio Tensae 15660 (TDP Relay) v/s Ludo Maes. Radio Xoriyo 15260 (TDP Relay) v/s Ludo Maes. Voice of Delina 15650 (TDP Relay)

www.soundofhope.org

給你的祝福 希望永相隨

空中傳情誼
希望永相隨



希望之鐘對大陸廣播標準時間表

早上6-7點	9550千赫 (每天)	6250千赫 (星期一-日)
早上7-8點	7310千赫 (每天)	6290千赫 (星期一-日)
晚上7-9點	7290千赫 (每天)	
晚上9-10點	7310千赫 (每天)	9320千赫 (星期一-五)
晚上10-11點	9450千赫 (每天)	9920千赫 (星期一-五)
凌晨0-1點	11735千赫 (每天)	9920千赫 (星期一-五)

希望時刻在你身邊
radio of hope sound of hope

全世界華人的精神廣播電台

v/s Ludo Maes. Voice of ENUF 7590 (TDP Relay) v/s Ludo Maes. Voice of Liberty Eritrea 15675 (TDP Relay) v/s Ludo Maes. La Voz del Guaviare 6035 Email: lavozdelguaviare@hotmail.com v/s Jairo Hernan Benjumea.... via PLAY DX...Sam.

rpt. w/ a f/d "Baekseolgi Traditional Korean Rice Cake" cd. in 23 ds. Also rcvd. a "KBS World Radio Bringing Korea to You" booklet, program schedule, airmail rpt. form and a bookmarker. (D'Angelo-PA).

EUROPEAN RUSSIA: Radio Rossi 9480 Radio Center 3 via Taldom f/d email ltr. w/ attachment photo of the transmitter site in 12 ds. The station said they will forward my report to their HQ for an official QSL. My rpt. was sent to: rc-3-buch@mail.ru

Radio Station XXP

6
9
2
5

QSL

"break out the planks & rum me mates....."

Sept 27, 2009 0030 - 0054 UTC

The Canadian Broadcasting Corporation

is pleased to verify your reception on May 15, 2003 of its transmissions from Station CKZN Frequency 6160 KHz Power 1KW This station is on the CBC Newfoundland Network Per Keith Turnford Date June 11, 2003

10 KW AM TRANSMITTERS

Location	Call Sign	Frequency
Bonaville Bay	CBGY	750
Corner Brook	CBY	990
Grand Falls	CBT	540
St. Anthony	CBHA	600
St. John's	CBH	640

Canadian Broadcasting Corporation
Transmission & Distribution Department
P.O. Box 12010, Station A
St. John's, NF A1B 3T8
CANADA
www.radio.cbc.ca

v/s Andrey Shaydurov. Addr: Radio Center - 3, Taldom, Moscow Region, Russia. (Kivell-FL).

GUATEMALA: Radio Verdad 4052.5 f/d "9th Anniversary" cd. in 2 mos. v/s Dr. Edgar Amilcar Madrid, Gerente / Manager. Addr: Apartado 5, Chiquimula, Guatemala. Email: radioverdada5@yahoo.com. (Nawrocki-NC).

INDIA: All India Radio 13710, 11620 and 9690 f/d "Vessantara Jataka Cave 17, Ajanta" cd. in 14 mos.

after a f/up rpt. The QSL identified **Bangalore** as the transmitter site for all three frequencies. (Nawrocki-NC).

JAPAN: Radio Nikkei 3925 f/d "Studio Photos" cd. in only 2 wks. The cd. was in EG / JP. Addr: Nikkei Broadcasting Corporation, 9-15 Akasaka 1-chome, Minatu-ku, Tokyo, 107-8373 Japan. (Nawrocki-NC).

LIBYA: Libyan Jamahiriya Broadcasting Corporation n/d "Welcome to Libya / Land of Hospitality" cd. in 11 mos. (Nawrocki-NC)...You gotta be kidding me...Land of Hospitality?

MICRONESIA (Federated States of): V6MP The Cross Radio 4755.4 f/d "Logo" cd. in 19 ds. v/s Syl-

STATION NOTES: Radio Jingle Bells 6291.2 Email: radio.jinglebells@gmx.net **Radio Kentucky 6275** Addr: PB 98, NL-3770 AB, Barneveld, Netherlands. v/s Ruud Van Schaffelaar. **Radio Lowlands 6290.8** Email: radiolowland@hotmail.com **Radio Mistletoe 6242** Email: radiomistletoe@hotmail.com **Radio Ramona 6524** Email: radioramona@hotmail.com **Radio Shadowman 6305** Email: radiosadowman@hotmail.com **Radio Sonar 6553** Email: radiosonar@hotmail.com **Skyline International Radio Holland 6300** Email: skylinehorizon221@hotmail.com...via PLAY DX..Sam.

QSL Scott Barbour QSL

ADVENTIST WORLD RADIO
Verification of Reception

Thank you for your reception report which we are pleased to verify

Station Bonaive Location N. Antilles
Frequency 6165 Date 6-11-03
Power 100 Time 06:30-06:50
Signature [Signature]

RADIO & TELEVISION CORPORATION
RADIO DEPARTMENT



المركز الإعلامي
للإذاعة والتلفزيون
القطري

Ref.:
Date:

الرقم : ٣١٣٥
التاريخ : ٢٠٠٢/٩/٧

Dear: JCOTT R. Barbour JR.

P.O. BOX 893
INTERVALE, N.H.
03845 U.S.A.

We would like to thank you for your interest in Qatar Broadcasting Service.
We are enclosing:

1. QBS Book
2. Program Schedule
3. We are sorry a bout QSL - card because we stopped issuing it.

With our best regards,
Head of Public Relations,
Exchange and Research.

(JASSIM MOHAMMED AL-QATTAN)

via Kalau, Station Manager. (D'Angelo-PA).

PAKISTAN: Pakistan Broadcasting Corporation 11510 via **Islamabad** f/d "Mausoleum of Quaid I Azam" cd. in 31 ds. Also rcvd. program schedule for ms., \$2.00 and a local post card. (Kivell-FL).

PHILIPPINES: FEBC Radio International 9435 via **Bocaue** the station verified my email rpt. w/ a f/d email reply in 63 ds. from Jan (infor@fbcent.org) who noted that "Although the USA is not our intended target audience, it is helpful for us to hear of reception around the world and particularly to note when there is interference from another station. (D'Angelo-PA).

Richard A. D'Angelo
2216 Burkey Drive
Wyomissing, PA 19610

Hmong Lao Radio
Dear Mr. D'Angelo:

We received your letter today 2/25/2003. We sorry, that your first letter did not reach us. We appreciated very much for your letter and inquiring information about the Hmong Lao Radio Program to Laos.

The program is in Hmong language and broadcast into Laos twice a week on every Wednesday, Friday from 0800-0900 Lao times. Please keep in touch and encourage other listener to listen too.

We are welcome your comments, and suggestions in improving this program. Thank you.

Sincerely,


Shoua Cha, Chairman

SAIPAN: KFBS Far East Broadcasting Company
11580 f/d "Transmitter Site with Antennas" cd. in 1 mo. Addr: P.O. Box 500209, Saipan, MP 96950 (Nawrocki-NC).

SWAZILAND: Trans World Radio 4775 f/d cd. in 3 mos. from Mr. Stavropoulos at the QSL Department. (Nawrocki-NC).

TIBET: China Tibet Broadcasting (Xizang People's Broadcast Station) 7240 f/d "Tibet Palace" cd. in 34 ds. for ms., \$2.00 and a local post card. Beautiful QSL envelope w/ CH stamps. Addr: CTB,

Lhasa City, Beijing Middle Road No. 41, Tibet 85000, China. Email: www.en.tibetradio.cn (Kivell-FL).

UKRAINE: Voice of Russia 7440 via Lvov f/d "First Manned Space Flight" cd. via snail mail after an email rpt. (Kivell-FL).

UNITED STATES: Radio Slovakia International 9955 via WRMI Radio Miami International f/d "Slovak Radio Building" cd. in 10 ds. for \$2.00.

STATION NOTES: Radio Rebelde 5025 v/s Jorge Luis Martin Cuevas Addr: Apartado 6277, 10600 La Habana, Cuba. **Armed Forces Network Diego Garcia** 4319 v/s Robert Winkler, Operations Manager. Email: QSL@dodmedia.osd.mil **Dejen Radio** 12120 v/s Hailemariam Abebe, CEO and President. Liberty Bell Communications, Inc. Email: libertybell6033@scbglobal.net **Little Saigon Radio** 7380 v/s Joe D. Dinh, Technical Department. Addr: Little Saigon Radio, 15781 Brookhurst Street #101, Westminster, CA 92683 **Radio Free Southern Cameroons** 15695 Email: rfscoa@fdrsoutherncameroon.sia.info **Radio Free Asia** 9385 and 9770 v/s A.J. Janitschek, General Manager. Email: ajr@rfa.org ...via PLAY DX...Sam.

v/s Jeff White. (Kivell-FL).

USA (Pirates): Radio Azteca 6925 via WBNY Relay Service "Official Relay Service Confirmation" cd. in 29 ds. for a rpt. sent to the Belfast mail drop. (Kivell-FL) **WBNY / BNN** 6925 "2012 Election Year" cd. in 17 ds. for a rpt. to the Belfast mail drop. (Kivell-FL).

ARMENIAN NATIONAL RADIO
VOICE OF ARMENIA

✉ Alex Mesrobian st. 5, Yerevan 25, Republic of Armenia
Fax (374 2) 151 600, Tel. (374 2) 570970, 534761, 532650

I7.IP.2001.

Dear Sir, Madam, Jerry Klink

Address: 11043 Big Tree Rd., E. Aurora.

NY 14052, U.S.A.

Dear Friend,

We've got your letter addressed to our editorial.
Thank you for your interest and sympathy having displayed towards our station.

We've responded to your letter during the "Our Mail Box" program.

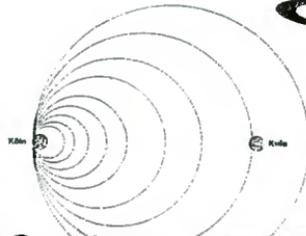
We present you our programme-schedule and the QSL card, with pleasure.

Our creation group welcomes and wishes you good health and all the best!

Frederic Chopin Radio
6940 f/d "Chopin photo
and piano keyboard"
email QSL in 2 ds. for
a rpt. via FRN. (Kivell-
FL). **Channel Z Radio**
6956.8 f/d "Pirate and
Pirate Ship" cd. in 8
ds. for a rpt. via FRN
Also rcvd. a personal-
ized form ltr. des-
cribing the station's
equipment. (Kivell-FL).
X - **FM 6920** Email "Ant-
ique Radio w/ Scope"
cd. in 1 day for a rpt.
to the FRN. Email: **xfm**

shortwave@gmail.com (Kivell-FL). **WPON The Weapon** 6925 f/d "Logo" cd.
in 15 ds. for a report in Free Radio Weekly. (D'Angelo-PA). **Radio**
Mushroom 6925 f/d "Pressurized Water Reactor" cd. in 9 ds. for a rpt.
to Free Radio Weekly. Email: **radiomushroom@gmail.com** (D'Angelo-PA).

DW



mm auf Sendung < 27. März 2010 > В ЕФІРІ-УКРАЇНСЬКА І
27 березня 2010 > В ЕФІРІ-УКРАЇНСЬКА ПРОГРАМА +++
+++ Ukrainisches Programm auf Sendung < 27. März 2010

QSL

Verification Card

Station **Minivan Radio**

To **Richard A. D'Angelo**

This is to confirm your reception of our transmission dated
29 August 2004, **1600 - 1659** hours UTC on a
frequency of **11.855 kHz** with **100 K** watts.

Via **Julich, Germany**

Jeff White



Radio Miami International

X

Signature & Official Seal

UZBEKISTAN: Radio Japan 9720 via
Tashkent f/d "Winter Sentries
(Niigata Prefecture)" cd. in 39
ds. Oversized program schedule was
rcvd. (D'Angelo-PA).

VATICAN: Radio Vatican 4005 This
transmission was from the 10 KW
transmitter in the Vatican City
State. The reply came in 16 ds.
v/s **Sergio Salvatori**, Frequency

STATION NOTES: Radio Record AM 6150
v/s **Cassio de Lima Rosa**, Diretor
Geral Radio Record AM. Email: **radio**
@rederecord.com.br Addr: **Radio Re-**
cord AM, **Rua da Varzea** 240, **Barra**
Funda, **Sao Paulo**, **SP CEP-01140-080**,
Brasil. Radio Senado 5990 Addr:
Praca dos tres Poderes, **Senado Feder-**
erl, **Anexo II - Bloco B**, **Terreo**,
Sallandse Boer 3905 Email: **sall**
andseboer@am.com Bogusman 3932 Email: **differentradi@yahoo.co.uk**
AFRTS 4319 via **Diego Garcia** v/s **Mrs. Cynthia Harris**, QSL Manager.

Email: **QSL@dod**
media.osd.MIL
Radio Familia
4900 v/s **Laurent**
Koulemou,
Technical Director. Email:
directiontech.
familiafm@yah
oo.fr ...via
PLAY DX..Sam.

ZIMBABWE
BROADCASTING CORPORATION

QSL



TO:
NAME
SARUEL RAFTU
ADDRESS
47 PROSPECT PLACE
HEISTEL, CT 06010
U.S.A.

YOUR QSL CONFIRMED
DATE **12-01-05**
FREQ **3206 kHz**
SERVICE **RAFTU 2**
SIGNED *[Signature]*

Management.
Also rcvd. a
2011 program
guide, schedule
and a station
booklet. (D'Angelo-PA).

Till Next Time

[Signature]

Scoreboard

Gary R. Neal • P.O. Box 1 • Cockeysville, MD 21030-0001 • grneal@earthlink.net

This month we are highlighting our members' totals from South America. Ranking is based upon South American Countries Verified. This is your chance to show everyone how well you are doing. The next deadline is May 15th for the June 2011 issue of the Journal. The spotlight will be on Oceania.

Name, State	Total		S. America		Best S. American QSL
	C/H	C/V	C/H	C/V	
Marlin Field, MI	246	246	15	15	R. Apintie 4794 kHz (50 w.)
Dan Henderson, MD	249	245	15	15	La Voz de Eco Martinez
Jerry Berg, MA	244	244	15	15	R. Triunfal Evangelica (50 w.)
Harold Cones, VA	234	232	15	15	HCJB (100 w.)
Tom Williamson, ON	243	230	15	15	Falkland Is.
Steven R. Lare, MI	239	225	15	15	Falkland Is.
Chris Lobdell, MA	229	225	15	15	Radio La Merced-Tongod-Peru
Sheryl Paszkiewicz, WI	222	218	15	15	Falkland Is.
Ron Howard, CA	212	200	15	15	R. Patagonia
Stephen Leite, MA	210	197	15	15	Falkland Is.
Rich D'Angelo, PA	225	223	15	14	La Voz de Galapagos
Wendel Craighead, KS	233	222	15	14	La Voz de Galapagos
Paul Buer, FL	219	208	14	14	R. Apintie (50 w.)
Jim Evans, TN	213	203	15	14	La Voz de Galapagos
Christos Rigas, IL	217	198	14	14	Falkland Is.
Jerry Klinck, NY	220	202	13	13	R. Naylamp
George Maroti, NY	206	200	13	13	R. America, Paraguay
Ross Comeau, MA	193	172	13	13	R. Apintie
James R. Renfrew, NY	189	161	14	13	R. El Espectador, Uruguay
Jerry Johnston, KY	210	141	15	13	R. Apintie (50w.)
Stephen Price, PA	198	183	13	12	R. Guyana
Allan R. Loudell, DE	192	167	12	11	SRS & R. Apintie, Surinam
Bill Smith, MA	176	162	12	11	La Voz del Napo
Paul Brouillette, IL	148	121	12	11	R. Guetapuri, Colombia
Scott C. Newman, IN	148	113	13	11	R. El Espectador, Uruguay
Mark Humenyk, ON	169	148	13	10	HCJB
George L. Glotzbach, MN	154	136	11	10	R. Cancão Nova, Brazil
Richard E. Lawrenson, RI	143	128	11	10	R. Demerara, Br. Guiana
Gary R. Neal, MD	137	127	11	10	HCJB 21455 kHz (500 w.)
Dan Srebnick, NJ	156	121	13	10	HCJB (100 w.)
Jilly Dybka, TN	145	108	11	10	R. Rumbos
Bob Raymond, NH	175	150	13	9	R. Santa Cruz, Bolivia
Doug Tilley, WA	117	89	11	9	R. Nac. de Paraguay
Scott R. Barbour, NH	168	115	12	6	VO Guyana
Edward G. Stroh, IL	135	104	11	6	RAE, Argentina
Ken McCartney, OH	125	73	7	4	HCJB 1947 1st QSL
Gary W. Froemming, AZ	184	44	15	4	CBV Time Station, Chile
Don Jensen, WI	255	251			
James W. Young, CA	253	239			
Alex Vranes, Jr. WV	226	216			
Dan Robinson, MD	230	196			
Richard Bradley, MA	145	130			
Larry Colton, FL	154	125			
David Turnick, PA	140	120			
John Mosman, WI	120	120			
Jerry Irvine, TX	110	60			



Contributors' Page

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DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA IC-7600, two 100' LW
Scott R. BARBOUR Jr., Intervale, NH NRD545, MLB-1, 200' Beverages, 60m dipole
Mark COADY, Peterborough, ONT Alinco DX-8RT, loaded inverted vee
Rich D'ANGELO, Wyomissing, PA TenTec RX340, DX Sloper
Jim EVANS, Germantown, TN RX340, R75, 90' Wellbrook ALA100M loop
Bob FRASER, Belfast, ME Sangean ATS-909-x, Grundig Mini 300, whips
Steve HANDLER, Buffalo Creek, IL Icom IC-7200, Yaesu FT-897D, ICF-7600 GR
Glenn HAUSER, Enid, OK FRG-7, SW-07, YB400 random wires
Ron HOWARD, Asilomar Beach, CA etón E-1
William McGUIRE, Cheverly, MD DX-380
Robert MONTGOMERY, Levittown, PA R390a, SE3, NRD535d, NRD525, active antenna
Richard PARKER, Pennsburg, PA 51S-1-x, R390A, SE3, ant. farm
Harold SELLERS, Vernon, BC E-1 and Sony AN-1 antenna
Giovanni SERRA, Rome, ITALY NRD-525 AD Sloper
Mark TAYLOR, Madison, WI Winradio g313e, E1, Sat 800, Flextenna, EWE
Ed WLODARSKI, NJ RX340, 100' lw
Joe WOOD, Greenback, TN Eton E1, 7m random wire



2000-5900 kHz

Tropical Band Loggings

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- 2368.5 **AUSTRALIA R. Symban** 1245-1331 Well above the norm!; clear IDs; songs & ancrs in Greek; almost fair; MP3 audio < <http://www.box.net/shared/myxqte4rtk> > starts w/ a nice "Radio Symban" ID & into a song in Greek; 6/4. (Howard-CA)
- 2485 **AUSTRALIA VL8K** Katherine 0948 Noted here w/ audio; 5/28. (Wilkner-FL) 1011-1150 Live coverage of the football match between Brisbane Lions & Richmond Tigers; "More to come on your Saturday night of football on ABC Local Radio-News Radio"; promo: "Drive' with Vicki Kerrigan weekdays at 4 on 105.7 ABC Darwin"; recep above the norm; // only to 2310 VL8A Alice Springs w/ 2325 VL8T Tennant Creek off the air today; BTW, no rugby today on Radio Fly; 6/18. (Howard-CA)
- 3205 **PNG R. Sandaun-R. West Sepik** Vanimo 1010 Noted here w/ weak sig; 5/28. (Wilkner-FL) 1205-1327* Off the air at 1143; from 1205-1241 heard w/ relay of the "N-B-C National Radio" prgrmng w/ W DJ in EE & Tok Pisin w/ dedications for songs; island, C&W, pop/rap, etc.; local TC ("about 20 till 11"); gave phone number to call in; almost fair; seemed over modulated audio; well above their normal lvl; suddenly off in mid-song; so strong as to cause some QRM for Ozy Radio on 3210; 6/2 & 4. (Howard-CA) 1231 (P); Pop mx & M ancr male; sounding v. similar to the PNG on 3365; v. poor; 6/6. (Sellers-BC) 1102-1303 Nx at 1102 in Tok Pisin; 1201 "News in Brief" & 1301 "News Roundup"; many IDs; PSA & stn song at < <http://www.box.net/shared/o3krizx-7ers26cqdxl4u> > w/ "N-B-C Sandaun" at 00:43 & again at 01:23 on audio; 6/10. (Howard-CA)
- 3210 **AUSTRALIA ABC** 1254-1321 Heard the ABC Tony Delroy "Nightlife" show re welfare; was not Ozy Radio prgrmng; not // Ozy Radio-5050; was not a direct audio feed of 702 kHz Sydney; suspect it was a freq entering error of 2310 Alice Springs; noted promo for "A-B-C Environment website"; will probably never know for sure just where this b/cast originated from!; 5/25. (Howard-CA)
- 3210 **AUSTRALIA Ozy Radio** 1229-1311 (P): Format is correct for them; clearly not ABC prgrmng as recently heard here; 1950s-1960s songs, Sonny & Cher "I Got You Babe"; Lloyd Price "Personality"; theme mx from "A Summer Place"; etc.; too weak to catch ID; doing well for 400W; 6/1. (Howard-CA)

- 3240 **SWAZILAND TWR** Manzini 0325 M anc in liste Nda u w/ inspirational talk & lcl choral hymns; fair; 6/7. (Coady-ONT)
- 3275 **PNG R. Southern Highlands Mendi** 1229-1300 This seems to be the most independent of all the NBC stns, as they usually do not carry the National news relays at the ToH nor do they carry special national prgrming; 1229-1238 interview in Tok Pisin; 1238-1254 songs, Little River Band, island pop, etc.; 1254 "Good night Southern Highlands" (in the States we would say "Good evening" as a greeting, but in PNG it's "Good night"); conversation in Tok Pisin re elections; almost fair; 5/23. (Howard-CA)
- 3290 **GUYANIA GBC** Georgetown 0236 Motown mx; W anc w/ Caribbean accented small talk & a ment. of "Guyana"; weak; 5/29. (Coady-ONT) 0725-0910 BBC nx prg in EE; cmtry; M anc w/ inspirational msg; ID into SC mx; f-g; 5/29, 6/5 & 18. (Wlodarski-NJ)
- 3290 **PNG-NEW GUINEA TERRITORY R. Central Boroko** 1301 National relay; IDs "N-B-C National Radio, the Voice of Papua New Guinea"; pop songs, Little River Band "Help Is On Its Way", Phil Collins "Do You Remember", island songs, etc.; DJ in EE; 1316*; suddenly off; almost fair; 5/22. (Howard-CA)
- 3309.9 **BOLIVIA R. Mosoj Chaski** Cochabamba 0945 Noted here w/ strong sig; 5/28. (Wilkner-FL) 3310 0906-0910 Lcl mx followed by M anc at 0908 w/ ID; TC into relg talk at 0909, good; 5/29. (Wlodarski-NJ)
- 3310 **BOLIVIA R. Mosoj Chaski** 0917-0930 Lcl mx; M anc in Quecha at 0925 w/ ID followed by relg talk; good; 6/12. (Wlodarski-NJ)
- 3320 **SOUTH AFRICA R. Sondergrense** Meyerton 0225 Small talk in Afrikaans & pop mx prg; poor w/ ute; 5/29. (Coady-ONT)
- 3329.6 **PERU Ondas del Huallaga** Huánuco 1030-1045 Noted here w/ fade; 5/28. (Wilkner-FL)
- 3344.97 **INDONESIA RRI Ternate** 1300-1306 The weekly EE prg was not b/cast; instead was a mx show in Bahasa Indo; 6/9. (Howard-CA)
- 3365 **PNG R. Milne Bay** Alotau 1205 M anc w/ nx in Tok Pisin; //3385-RENB; poor; 6/17. (Sellers-BC)
- 3385 **PNG-NEW BRITAIN R. East New Britain** Rabaul 0910-1120 Nx in EE; M at 0912 w/ "NBC" ID followed by cmtry; W anc in Tok Pisin w/ (P) nx; ancment at 1115; f-g; the best strength in months, fading to poor at t/out; other possible PNG carriers heard on 3260 & 3325; 5/25 & 28. (Evans-TN) 1137 Mx & 3205 carrier but already too late w/ lcl sunrise now 1118; almost to its earliest of 1113 in early June; no Aussie on 3210; 5/26. (Hauser-OK) 1045 Noted here w/ v. strong sig; 5/28. (Wilkner-FL) 0850-0900 M anc w/ ID at t/in; nx; ID at 0910 followed by pop mx; fair w/ QRN; 6/12. (Wlodarski-NJ) 1129 Songs & M anc in Tok Pisin between songs, usually w/ a TC; re-check at 1203: M anc w/ nx; fair; 6/17. (Sellers-BC)
- 3912 **SOUTH KOREA V. of the People** Kyonggi-do 1147 M in KK giving speech; fair; //3480 fair w/ het; //4450 f-g; 6/17. (Sellers-BC)
- 3915 **PNG R. Fly** Tabubil 0857-1228 Rosie indeed must have driven down to Kiunga today & re-installed the 1KW repaired txmitter; ham QRM & adjacent QRM from a strong 3912-Korea; at t/in was below threshold lvl; only carrier heard; but was slowly f/up; by 0911 heard pop mx that was clearly // to somewhat stronger 5960; from 1014-1156 live rugby coverage; sounded like the Queensland vs NSW match; into pop songs; Dobie Gray w/ "Drift Away", etc.; mostly unusable on 3915 & only slightly better on 5960; nice to have another freq to check them out on!; 6/15. (Howard-CA)[nice catch-ed.]
- 3945 **VANUATU R. Vanuatu** Port Vila 1150-1218* In vern. w/ (P) nx; island song; s/off ancment for "Radio Vanuatu" w/ SW-MW-FM freqs; NA & ended audio; stayed tuned to hear if they started up the audio again as they sometimes do, but that did not happen today; txmitter off at 1224; < <http://www.box.net/shared/hkvc09i4mu3f9oy13tjv> > has fairly clear MP3 audio w/ "Radio Vanuatu" at 0:20 & again at 01:03 & NA; not too often I hear them this distinctly! (Howard-CA) 6/1, 2, 10 & 15. (Howard-CA) 1143 Pop mx & M anc, (P) in Bislama; poor; 6/17. (Sellers-BC)
- 3975 **PAKISTAN Azad Kashmir Radio** 1336-1348 (T): In vern. & mostly non-stop indigenous mx; singing/chanting; must be "via a new transmitter from Islamabad by Azad Kashmir Radio Trarkhel (a subsidiary channel of R. Pak) from Radio Pakistan" per DXLD 11-22; which would probably explain why I suddenly started hearing them here back in April; 6/10. (Howard-CA)
- 4055 **GUATEMALA R. Verdad** Chiquimula 0309 Choir mx; all of the hymns were familiar, but I could not dig out enough to ID mx; heavy QRN; poor; 5/30. (Wood-TN) 0520-0528 M & W anc in EE w/ some nice, "old timey" rig mx; a wonderful late evening prg; 70dB & exc.; 5/13. (Parker-PA) 0538 Hymns; M preaching in EE; gave an address at 0546; poor; 5/31. (Sellers-BC) 0030-0040 M anc w/ SS relg talk & occ. relg mx; good; 6/1. (Wlodarski-NJ) 0105-0120 SS relg talk & ID ancments at 0110 along w/ xylophone mx; chirping birds at 0111 & chimes; Surprisingly good, strong sig despite t-storm static; 6/5. (Alexander-PA) 0118 SS choral mx; anc at 0121 & back to mx; p-f; 6/9. (Barbour-NH) 1136 Heard playing several hymns; v. weak; 6/17. (Sellers-BC)
- 4111.5 **BOLIVIA Radio Virgen de Remedios** 2350-0020 (T); The one noted here; f-p; 6/2. (Wilkner-FL)

- 4699.96 **BOLIVIA R. San Miguel** Riberalta 2330-2339 (P); Mx & M ancw w/ talk; best heard in LSB w/ NIR12 to avoid USB ham splash; v. strong static crash; v. poor; 5/28. (Serra-Italy)
- 4716.44 **BOLIVIA R. Yura** Yura 0031-0045 Nice CP ballads; (T) ancmt at 0035; more mx w/ bits of talk between selex's; poor w/ mx coming thru nicely; vox not so much; 6/13. (Barbour-NH) 4716.7 0047-0258* Nice prg of vcls hosted by M ancw w/ numerous IDs & SS talk; running much later than usual 0200* tonight; seemingly left air w/out any fanfare; p-f although much weaker in last hour; 5/29. (D'Angelo-PA)
- 4754.9 **BRAZIL R. Imaculada Conceção** Campo Grande 0242 Mellow instrumental mx to soft voiced ancw; only Brazilian on the band; poor; 5/28. (Taylor-WI)
- 4755.4 **MICRONESIA V6MP PMA The Cross** Pohnpei 1134 Characteristic off-freq carrier just barely detectable; compared to WTWW 5755; as PMA is still staying on the air later than before, but too much noise & too weak now; 5/26. (Hauser-OK)
- 4775 **BRAZIL R. Congonhas** Congonhas 0845-0855 PP ballad type mx; ID at 0852 followed by ad; good; 5/29. (Wlodarski-NJ) 0047-0103* (P); PP relg sounding mx; ancw over mx from 0056 thru ToH; mx only at 0103 then pulled the plug; poor; 6/13. (Barbour-NH)
- 4775 **SWAZILAND TWR** Manzini 0410-0437 M ancw preaching in GG mixing w/ choir vcls; 0429 W ancw closed prg; light instrumental mx followed by a M mentioning "T-W-R"; EE prg began at 0430; fair; 6/8 (D'Angelo-PA)
- 4780 **DJIBOUTI RTD** Atta *0300-0340 S/on with NA; opening AA ancmts at 0301; Qur'an at 0303; AA talk at 0314; some lcl rustic mx at 0330; lost in noise by 0340; poor in noisy conditions; 5/28. (Alexander-PA) *0304-0325 Abruptly on the air at 0304 w/ Qur'an in progress; AA talk at 0312; weak; poor; lost in noise by 0325; 6/13. (Alexander-PA)
- 4790 **PERU R. Vision** Chiclayo 0711-0940 Prayer svc; lcl mx; ID at 0908 followed by more lcl mx; relg talk; f-g; 5/29 & 6/12, 19. (Wlodarski-NJ)
- 4795.8 **BOLIVIA R. Lipez** Uyuni 0950 Noted here w/ strong sig; 5/28. (Wilkner-FL) 4795.95 0040-0100* SS ancmts; Bolivian mx & rustic vcls; weak & poor in noisy condx; 6/5. (Alexander-PA)
- 4795.88 **BOLIVIA R. Lipez** Uyuni 0133-0140 Nice CP mx w/ brief ancw between selex's; poor; 6/9. (Barbour-NH) 4795.95 0048-0102* (T); Lcl mx chants; ancmts; caught only ".banda tropical..") & off at 0102; best heard w/ NIR12 in USB to null strong het; strong static crash; poor; 6/5. (Serra-Italy) 4796 0855-0905 Lcl SS mx; v. good; 5/29. (Wlodarski-NJ)
- 4800 **CHINA CNR-1** Geermu 2228-2243 M & W ancws in CC; ancmts over mx ment. Zhongguo; anthem at 2230 & full ID by W: "Zhongguo guoji guangbo diantai" into W ancw w/ nx; M w/ remote rpts; best in USB to null lite het; moderate static; fair; //4820-Tibet; 6/1. (Serra-Italy)
- 4805 **BRAZIL R. Difusora do Amazonas** Manaus 0917 Relg talk; ID at 0919 followed by a ballad type song; good; 5/29. (Wlodarski-NJ)
- 4828 **ZIMBABWE ZBC** Gweru 1941-2000 M & W ancws w/ talk; best heard in SSB w/ NIR12; strong static; fast QSB w/ S9+10 of peak; poor; 6/2. (Serra-Italy)
- 4850.69 **PERU R. Genesis** Huanta 1041 (T); all ready on the air at t/in; in SS; almost thought it was a sporting event due to the excited ancw; but actually seemed to be some type of singing?; above threshold lvl but not able to hear any ID; 6/15. (Howard-CA)
- 4878.5 **BRAZIL R. Roraima** Boa Vista 0950 Call-in prg; TC's but no ID; recently IDed by D. Valko; 6/2. (Wilkner-FL) 0942-0950 Dance type mx; M ancw at 0945 w/ ID followed by ballad mx; fair; 6/12. (Wlodarski-NJ) 0345-0408* Brazilian ballads & PP talk; s/off w/ NA; weak; poor in noisy condx; 6/13. (Alexander-PA) 4878.56 0310-0404* PP talk & lcl pop ballads; some US pop mx by Whitney Houston & others; closing ancmts at 0404 s/off; also heard earlier at 0115-0200 w/ futbol coverage; weak; poor in noisy condx; 6/8. (Alexander-PA) 0108-0114 PP ballads; ad/promos at 0111; solid ID ancmt at 0112 then back to mx; fair; 6/13. (Barbour-NH) 4878.6 0320-0406* Mx & EE lyric rock followed by M ancw in PP w/ ID & closedown ancmt followed by choral NA; p-f; 6/3 & 4. (D'Angelo-PA)
- 4885 **BRAZIL R. Clube do Pará** Belem 0348 Two M ancws in PP; f-g; 40dB sig; QSB & seasonal static; 5/13 (Parker-PA) 0639-0758 Ballads & pop mx; "Only the Lonely" by Roy Orbison at 0856; f-g; 5/29 & 6/19. (Wlodarski-NJ) 0201 ID & Bossa Nova mx w/ M ancw & echo fx; poor; 5/30. (Wood-TN) 4885.01 0209-0224 M ancw in PP w/ some ment. "Do Para.."; several numbers & some brief chorus shouting until 0221; ancmts; ID & freq; best heard in SSB w/ strong static crash; f-p; 5/22. (Serra-Italy)
- 4910 **AUSTRALIA VL8T** Tennant Creek 0825-0830* Sports prg in EE; sig off at 0830; p-f; 6/5. (Wlodarski-NJ)[nice catch-ed.]
- 4919 **ECUADOR R. Quito** Quito 0508-0532 (P); While tuning across 60m dominated by heavy Summer static, found a poor to moderate strength SS lang stn on 4919; presume this to be reactivated Radio Quito; prg included long LA ballads w/ short ancmts by M; static & heavy CODAR made a definite ID impossible; my last log of Quito was in 11/2010; 6/5. (Evans-TN) 0655-0710 Ballad type SS mx; ID by M ancw at 0657; more mx than ID & freq at 0700; exc.; 6/5. (Wlodarski-NJ)

- 1000-1140 Noted here until f/out; 6/5. (Wilkner-FL) 4919.98 0310-0515 SS ballads, rap mx & ancments; IDs heard at 0421, 0431, 0445 & 0514 as "Radio Quito...La Voz de la Capital."; weak; poor in noisy condx; fair on peaks; Running about 20 seconds ahead of their internet streaming audio sig from 760 Radio Quito; 6/16. (Alexander-PA)[irr.-ed.]
- 4930 **BOTSWANA VOA** Moeping Hill 1138 M ancr w/ "VOA News Now" w/ rpts from several correspondents; poor; //6080; 6/8. (Coady-ONT)
- 4935 **BRAZIL R. Capixaba** Vitoria 0045-0050 Ballad type SS mx; fair; 6/1. (Wlodarski-NJ)
- 4954.99 **PERU R. Cultural Amauta** Huanta 0108* (T); Just caught final ancment by M & sudden s/off some seconds later; heard in USB; strong static crash; poor; 6/5. (Serra-Italy)
- 4960 **SÃO TOME VOA** Pinheira [UTC?-ed.] Nx features in EE w/ several "VOA News Now" prg IDs; rpt on E Coli bacteria outbreak; fair; 6/8. (D'Angelo-PA)
- 4975.3 **PERU R. del Pacifico** Lima 0811-0815 Ballad type SS mx; fair; 5/29. (Wlodarski-NJ)
- 4980.4S **USA WWRB** Morrison 0304-0315 M preacher n EE noted on this odd freq (spur) re contributing money so he can potentially reach 6 billion people in 200 countries before going into his long relg sermon; poor w/ fundamental being exc.; 5/29. (D'Angelo-PA)
- 4985 **BRAZIL R. Brasil Central** Goiania 0152-0212 Two M ancrs w/ live futbol coverage; diff. low-voiced M w/ ancment, music bit & back to futbol; best heard in LSB to null het; lite ute & strong static; poor; 5/28. (Serra-Italy) 0720-0830 C & W mx; ID at 0725; two M ancrs w/ PP relg talk; f-g; 5/29 & 6/11. (Wlodarski-NJ) 0351-0412 Braspop mx prg w/ W ancr in PP; ID & talk at 0400; jingle ID & more pop vcls; fair; //11815 f-g; 6/3. (D'Angelo-PA)
- 5000 **USA WWV** Ft. Collins 1118 Checking WWV for propagation info; the ancment re cancelling the prop minute in September has itself been canceled, or at least nothing heard until 1119 when the prop info ran at its now-usual time; having been displaced by the warning; a fluke, or will they move it back to :18 past the hours for the duration?; 6/9. (Hauser-OK)
- 5010 **INDIA AIR Thiruvananthapuram** 0038-0045 Nx in EE followed by ID at 0039; SC mx; good; 6/1. (Wlodarski-NJ)
- 5010 **MADAGASCAR RTV Malagasy** Antananarivo 1920-1927 Non-stop Afropops; best heard in USB w/ NIR12; strong RTTY nulled w/ notch & inter audio filter; moderate static; poor; 5/21. (Serra-Italy)
- 5020 **SOLOMON ISLANDS SIBC** Honiara 1154 M ancr in Tok Pisin; 1155 Christian devotion in EE; 1200 W ancr w/ ID, closing & NA; fair; 6/17. (Sellers-BC)
- 5039.2 **PERU R. Libertad** Junin 1010 Musica andina; 5/28. (Wilkner-FL)
- 5040 **CUBA RHC** Havana 0455 As I tune across RHC, s/off message is running; ment. strange freqs; then played NA; 5040 normally closes down circa 0500; 6/15. (Hauser-OK)
- 5045 **BRAZIL R. Cultura do Para** Belem 0758-0805 Ballad type mx; ID at 0900; good; 5/29. (Wlodarski-NJ)
- 5050 **AUSTRALIA Ozy Radio** 1304-1340 (P); Bob Dylan "Subterranean Homesick Blues"; song "The Girl From Ipanema"; Beach Boys; lots of classic rock.; unable to confirm //3210; QRM via co-ch. BBR-China; decent sig for 400W; 6/2 & 10. (Howard-CA) 1251 (P); Pop vcls; W ancr; 1300 M w/ ancments then back to mx; too weak to get any specific details; v. poor; 6/6. (Sellers-BC)
- 5050 **USA WWRB** Morrison 0338 World of Radio 1568 monitoring: confirmed but did not start until 0338 as the preceding preacher ran way over. good modulation lvl & stayed on past 0405 for the conclusion; this has now become the only reliable SW sig for WOR; 6/10. (Hauser-OK)
- 5050 **USA WWRB** Morrison 0359-0403* GH's "World of Radio"; Dave Frantz ancment re changes to audio processing; freq changes; etc.; asking for e-mail cments; 60dB sig; exc.; 5/13. (Parker-PA)
- 5109.8U **USA WBCQ** Monticello 0449 S9+15 w/ reference to <http://www.counterpunch.org> & talking about Israelis, referring to a Dec 98 prg; 0459 "Last Roundup" song; "Git Along, Little Dogies"; 0500 WBCQ canned ID & then "Lilliburlero" played twice!; W announces many times in a row "This is not the BBC, this is not the BBC!" & more plays of LLBL, hee hee; 0503 standard WBCQ s/off by Allan Weiner; 5/29. (Hauser-OK)
- 5580.2 **BOLIVIA R. San José** San José de Chiquitos 1130-1135 Noted here f/out; unusual for this time to be heard in S. Florida; noted prior evening at 2331 w/ musica; 6/2. (Wilkner-FL)
- 5765U **GUAM AFN** Barrigada 1229 On the air w/ good sig; 4319U-Diego Garcia was off the air; I check these two just about every day & unusual for DG to be off the air; 6/15. (Howard-CA)
- 5860 **SRI LANKA R. Farda** Iranawila 0034 (P); Iranian mx; poor; //7585-Iranawila; vp; 5/24. (Taylor-WI) 0128 Ballad; pips at BoH; ancr w/ nx headlines; ID at 0133 & back to mx; weak but clear; //5885-Kuwait; 6/13. (Barbour-NH)

International Band Loggings

Steve Handler • 113 McHenry Road #178 • Buffalo Grove, IL 60089

- 5910 **COLOMBIA Marfil Estereo**, Puerto Lleras, 0412-0414 in SS, slow guitar ballad with female vocal, 60dB signal. Excl. 5/13 (Parker-PA)
- 5915 **UNITED KINGDOM Deutsche Welle**, via Rampisham, 0414-0418 in Russian, snips of many Beatles songs with Woman anc v/o, 70-80dB signal. Excl. 5/13 (Parker-PA)
- 5950 **ETHIOPIA V.O. Tigray Revolution**, Addis Ababa-Gedja, 0420-0430 in Tigrinya, long talk between two Women, much laughing, huge 80-90db signal. Excl. 5/13 (Parker-PA)
- 5990 **CHINA CRI** 0000 SS w/ID, regional news and mention of Taiwan. Good. 5-8 (McGuire-MD)
- 5990 **BRAZIL Radio Senado**, *0903-0934 jazzy music opening followed by ID and opening announcements by a man announcer in PP. Into program of Brazilian pop vocals with frequent IDs. Good signal. 5/16 (D'Angelo-PA)
- 6040 **CANADA China Radio Int'l** relay via Sackville 1125 EE. Report on a woman mountaineer talking the Olympic Torch to the top of Mt Everest. Good. 5/20 (Fraser-ME)
- 6080 **SAO TOME VOA** at 0346 with a Woman reporting on e coli infections in Germany and ending the report at 0348 with "VOA Madrid" - Fair 6/8 (Coady-ONT)
- 6120 **JAPAN R. Japan** 1200 w/IS, pips, ID and report on nuclear accident. Good. 5-8 (McGuire-MD)
- 6165 **CHAD Radio Chad**, *0429-0447, IS, orchestra National Anthem followed by a Male anc in FF with opening ID and announcements. A program of highlife vocals hosted by the same man announcer commenced. Poor to fair. 6/9 (D'Angelo-PA)
- 6170 **NEW ZEALAND RNZI** at 1050 with news with correspondent reports then sports at 1055 and frequency closing announcements at 1057. Fair. 5/19 (Coady-ONT)
- 6174 **PERU Radio Tawantinsuyo**, 0024-0037, nice OA vocals followed by a Male anc with SS talk, more music with ID after selection. Weak. 6/5 (D'Angelo-PA)
- 6925 usb **PIRATE** (No. Am.) **Wolverine Radio**, 0326-0345 rock music program with Male anc with simple "Wolverine Radio" ID at 0327. Good. 6/5 (D'Angelo-PA)
- 6925.3 **PIRATE** (No. Am.) **Sycko Radio**, 0107-0205 Male anc mentioning e-mails from Renegade Radio and "Tim" who reported SIO 444 and punk rock indie music. Invited more e-mails and played REM music. 0124 another ID with syckoradio@gmail.com e-address. Another ID at 0138 with Gmail address mentioning "totally unprofessional radio at its finest." At 0145 talk about world facing Judgment Day. ID at 0203 mentioned 87.5 FM frequency. Poor-fair. 5/19 (D'Angelo-PA)
- 6926.5 u **PIRATE** (No. Am.) **Wind-Up Radio**, 0349-0358* Male anc with brief talk in EE with simple "Wind-Up Radio" ID. Long Ranger theme music, vocal followed by applause and final ID by Male anc "... while we you're your attention ... (thanked evil Alvin ?) ... Wind-Up Radio, clear..." Poor-fair. 6/4(D'Angelo-PA)
- 6930 usb **PIRATE** (No. Am.) **XFM Shortwave**, 0409-0432 nice professional programming of rock music with man announcer with EE talk, several IDs and XFMShortwave@gmail.com e-mail address for reports. Also, announced XFMLive.com site. Fair-good. 6/3 (D'Angelo-PA)
- 7125 **GUINEA RTG** 0622, 6/10 poor but detectable in AM, during local lightning storm producing power outage 0555-0945 UT, using DX-398 on battery, indoor random wire only. Had not heard it before 0600 (Glenn Hauser, OK, DX LISTENING DIGEST) At 2244-2256 group hilife vocals followed by a Male anc with FF talk and mention of Conakry. Another hilife vocal followed. Fair. 5/27. Also 2200-2247 FF talk by a Male anc followed by ID and several mention of Conakry . Nice program of Highlife vocals followed. Fair. 6/3 (D'Angelo-PA)
- 7200 **SUDAN Sudan RTVC**, Al Aitahab, 0400-0405 in Arabic with nx, pips and ID at ToH, 70dB signal, audio a tad low, still g-exc. 5/9 (Parker-PA)
- 7230 **SOUTH AFRICA Channel Africa**, Meyerton, 0459-0504 in EE with pips at ToH, ID, "AfricaRise 'n Shine", various African nx items, 50dB signal,. Exc. 5/19 (Parker-PA)
- 7245 **MAURITANIA IGIM** June 10 at 0622, IGIM with usual Arabic chanting, poor signal in local lightning storm during power outage, but better than Guinea (Glenn Hauser, OK, DX LISTENING DIGEST)
- 7255 **ENGLAND BBC**, via Ascension, 0536-0539 with talk about Libyan rebels in Tunisia, 50dB signal. Excl 5/19 (Parker-PA)
- 7295 **MALAYSIA Traxx FM**, 1403 June 6. Tune in probably just missing ID but heard mention of Malaysia by Woman in EE, followed by Malaysian and North American pop music. Poor-fair, depending upon ham QRM. (Sellers-BC)

- 7345 **TUNISIA Radio Tunisienne**, 2247-2310* Jun 4, two men with a discussion in the Arabic language. End of program at 2300 followed by short music interlude, promo announcement, ID and a man with the news. End of news at 2308 followed by another brief musical interlude. A man announcer began talking. Carrier cut while in mid-sentence. Good. (D'Angelo-PA)
- 7485 **UZBEKISTAN FEBA Radio** (presumed), 0007-0030, dramatization program in listed Bengali with religious music. Much too weak to get an ID and just seemed to disappear in the noise. 5/31 (D'Angelo-PA)
- 9400 **BULGARIA R. Bulgaria**, Sofia, 0452-0454 in BB, Woman ancr with waltz, 70dB signal, Excl. 4/26 (Parker-PA)
- 9410 **SEYCHELLES BBC** at 2049 // 15400 with "News hour" - Good 5/19 (Coady-ONT)
- 9430 **RUSSIA V. of Russia** 0000 SS w/IS, ID, report on Hamas. Good. 5-5 (McGuire-MD)
- 9515 **TURKEY V. of Turkey** at 0300 with IS and ID loop noted before the hour then time pips and a man with ID and schedule and a Woman with program hilites and news - Very Good 5/27 (Coady-ONT)
- 9526 **INDONESIA V. of Indonesia**, 1304 June 6. EE, woman with news, 1306 ID. Not strong, but very copyable and no IADs. Poor. (Sellers-BC)
- 9535 **ALGERIA R. Algerienne**, via Issoudun, 0513-0515 in Arabic with Man talking, 60dB signal, Excl. 4/26 (Parker-PA)
- 9535 **SPAIN REE** 2300 SS w/IS, pips, ID, national news. Good. (McGuire-MD)
- 9560 **CHINA PBS Xinjiang**, Urumqui, 0520-0526 in Uighur with Man talking, sigs to 20dB. Fair. 4/26 (Parker-PA)
- 9565 **BRAZIL Super R Deus eAmor**, Curitiba, 0527-0532 in PP, Male ancr with highlife mx, 30dBsig-
nal. Fair-Good. 4/26 (Parker-PA)
- 9580 **AUSTRALIA Radio Australia** at 1153 with a report on a Japanese village that was the butt of local jokes after it had built a high seawall after a deadly tsunami in the 1930s - it survived the latest one - Very Good 5/19 (Coady-ONT)
- 9650 **SOUTH KOREA KBS** 1200 WS w/ID, mainly national news, report on the Bank of Korea. Good. 5/13 (McGuire-MD)
- 9650 **CHINA CRI** 1305 EE national, regional news and ID. Good. 5/9 (McGuire-MD)
- 9655 **NEW ZEALAND RNZI** at 1100 with a man with "Radio New Zealand News" then "Dateline Pacific at 1108 - Fair. 5/18 (Coady-ONT)
- 9665 **MOLDOVA Radio PMR Pridnestrovye** music 2150-2159 GMT. At 2208 GMT they were in FF. Fair. QRM possible jamming 5/26 (Handler-IL)
- 9670 **OPPOSITION IRRS- Miraya FM**, (Target Sudan Xmtr via Rimavska Sobota Slovakia ed.), 0417-0423 in Arabic with blues guitar, talks, Arabic pops. S0dB sigs, exc. 5/9 (Parker-PA)
- 9685 **BOSNIA JSRS** 0057-0058* sign off EE. Excl. 5/17 (Handler-IL)
- 9690 **INDIA AIR**, 1331 June 6. EE, just missed 1330 s/on, now with news read by woman. Fair. (Sellers-BC)
- 9700 **BULGARIA R. Bulgaria** 0100 FF w/IS, ID, freqs, national news. Good. 5-8 (McGuire-MD)
- 9705 **ETHIOPIA Radio Ethiopia**, 0303-0416 Jun 12, Horn of Africa music program hosted by a man announcer with Amharic talk. ID at 0400 followed by news. Returned to HoA music at 0412. Noted after a Brian Alexander log with fair to good reception. Have they upgraded the transmitter? (D'Angelo-PA)
- 9725 **TUNISIA RTV Tunisia** 0329-0400 Arabic music and talk. Good. 5-21 (Handler-IL)
- 9745 **BAHRAIN Radio Bahrain**, 0041-0105 program of Middle Eastern vocals hosted by a Male ancr with short Arabic talk. ID and brief news at 0100. Poor-fair until Radio Free Europe opened at 0100 on 9750 effectively destroying reception of Bahrain. 5/23 (D'Angelo-PA)
- 9800 **RUSSIA V. of Russia** 2200 EE, w/ID, report on Japan and mention of Al Quada. Good. 5-9 (McGuire-MD) Also heard 2250 EE w/feature on the Volga River. Good. 5/19 (Fraser-ME)
- 9830 **TURKEY V. of Turkey** at 2225 with "The Letterbox Program" then ID at 2236 and into "Question of the Month" - Good 5/18 (Coady-ONT)
- 9835 **CHILE HJCB** at 2335 in German with a man with talk then a female chorus with a hymn at 2343 - Good 5/26 (Coady-ONT)
- 9855 **BOTSWANA VOA** 0420-0425 in EE with Daybreak Africa, talk of HillaryClinton's aggressive policy agenda, 40-50dB signal, good despite rapid QSB, 4/26 (Parker-PA)
- 9855 **CHINA Firedrake**, 1348 June 6. Chinese opera vocals and music. Fair. (Sellers-BC)
- 9870 **OPPOSITION V. O. The People** (Target Zimbabwe - Xmtr Talata-Volondry, Madagascar) 0430-0436 in vern with talks, sigs to 40dB and quite good despite white noise jamming. 4/26 (Parker-PA)
- 9885 **GERMANY Deutsche Welle**, via Kigali, 0437-0440 in GG with talks and smooth Jazz bridges, sigs to 35dB. Good-Excel.. 4/26 (Parker-PA)
- 9925 **GERMANY V. of Croatia** via Wertachtal 2240 SS Speech by OM ID at 2245 gave freqs followed at 2248 by pop music. Good. Fraser-ME)

- 11595 **OPPOSITION Democratic Voice of Burma** (Target-Myanmar Xmtr-Yerevan, Armenia) 0018-0029* May 20, Man & Woman talking in Burmese language with interview of man over phone line. Short musical segment followed by ID, contact information and closedown announcement. Poor to fair. (D'Angelo-PA)
- 11660 **IRAN VOIRI**, Zahedan, 0303-0305 in Arabic with Koran chants, 70dB sig. Excl. 4/28 (Parker-PA)
- 11670 **INDIA AIR** at 1930 with a commentary about relations with Pakistan then a Woman with ID as "This is the General Overseas Service of All India Radio" at 1935 followed by brief program promo and into spirited Bollywood vocals then closing announcements and into Hindi at 1945 - Very Good 5/22 (Coady-ONT)
- 11700 **IRAN VOIRI**, Sirjan, 0306-0309 in Armenian with talks, 70dB signal, Excl. 4/28 (Parker-PA)
- 11700 **BULGARIA R. Bulgaria** at 2355 with a Woman with the end of "Time Out for Music" then closing announcements - Good 5/19 (Coady-ONT)
- 11710 **ARGENTINA RAE**, 0243-0258 EE feature hosted by a Woman ancr with Tango music selections, DX Supplement followed by preview of tomorrow's program, ID and closedown announcements. IS repeated several times with IDs. Fair to good signal with flutter.. 5/21 (D'Angelo-PA) Also heard at 0309-0313 in FF. Light, upbeat tune followed by nx. 60dB signal, Excl. 4/28 (Parker-PA)
- 11735 **INDIA AIR**, Bangalore, 0315-0317 in Dari with club/disco-type mx, 50dB signal, exc. 4/28 (Parker-PA)
- 11735 **ROMANIA RRI** 1722 EE, Report on a new Technical Museum. Good. 5/21 (Fraser-ME)
- 11750 **CHINA CNR 1**, Shijiazhuang, 0344-0349 in CC, m and Woman talking, mx bridges. Sigs to 10dB, poor-fair. 4/28 (Parker-PA)
- 11780 **BRAZIL RN da Brazil** 2236 GMT PP sports commentary Excl. 5/22 (Handler-IL)
- 11795 **SINGAPORE BBC FERS** Krangi 1410-1415 id in Hindi then news. Fair. 5/30 (Handler-IL)
- 11855 **CYPRUS BBC**, via Limassol, 0417-0420 in Farsi with talks, 40db signal, Excl. 4/26 (Parker-PA)
- 11865 **RWANDA DW** at 2130 with "Soundscape 100" - Very Good 6/6 (Coady-ONT)
- 11880 **ROMANIA RRI** 2030 EE IS, ID, freqs, economic news. Good. // 11940 5/9 (McGuire-MD)
- 11905 **SRI LANKA Sri Lanka Broadcasting Corporation**, 0053-0132 program of Hindi music hosted by a Woman ancr with brief Hindi language talks between musical selections. Poor. 5/16 (D'Angelo-PA) Also heard 1117-1152 with music and talk in Tamil. Fair-Good. 6/2 (Handler-IL)
- 11920 **IRAN V.O. Justice**, Sirjan, 0345-0358 in EE, IMF says U.S. economy is going to tank. Sigs 60-70dB and exc. until taken out by RRI in with pops at :58. 4/26 (Parker-PA)
- 11935 **ASCENSION NHK** 0340-0343 in JJ with talks, walloping 100dB signal. 4/26 (Parker-PA)
- 11965 **ENGLAND Deutsche Welle**, via Rampisham, 0336-0338 in Swahili, Male caller serenading Woman ancr, 70dB signal, exc. 4/26 (Parker-PA)
- 12005 **TUNISIA RTT Tunis.**, Sfax, 0333-0335 in Arabic with Arabic mx, huge 80db signal and outstanding audio. 4/26 (Parker-PA)
- 12015 **KUWAIT (ed.) Deewa R.** 0324-0327 in Pashto, Woman ancr spelling station name and web address in EE, 50dB signal, exc. 4/26 (Parker-PA)
- 12020 **VIETNAM V. of Vietnam**, 1333 EE, Man & Woman w/news. Fair-good. //9840 fair. 6/6 (Sellers-BC)
- 12050 **USA WEWN** 1845 in SS. Kid's program of kids and L. Am. Songs and stories told by adults, Id 1855. Prayers at 1900. Poor with deep fades. 5/22 (Fraser-ME)
- 13130 **CHINA Firedrake** June 10: quick check just before 1300 may not have caught them all: 13500, poor at 1258, 13920, very poor at 1259, 14700, very poor at 1259. Also on June 12 1322 Fair //13500 Good at 1321 and Fair at 1352, 15970 Fair at 1322, 16100 Good at 1324 no freqs higher. (Glenn Hauser, OK, DX LISTENING DIGEST)
- 13605 **INDIA AIR**, Bangalore, 2335-2339 in EE, long talk by Indian movie actor telling story of his life, 40dB signal, Excl. 5/1 (Parker-PA)
- 13620 **OPPOSITION R. Dabanga** (Target-Sudan) June 8 Jamming vs R. Dabanga back to 'normal': at 0522 atop continuous tone jamming; 13730, oscillating noise jamming vs nothing audible, nor on 15550 where 13730 supposedly moved. Also heard June 10 at 0518, singing ID with usual good signal via Madagascar, but also with continuous tone jamming. Due to independent fading, and a sub-audible heterodyne, it's clear that the tone is coming from another transmitter, not the same one as someone suspected in the case of 11500 in the evening, where it went off at the same time as RD (Glenn Hauser, OK, DX LISTENING DIGEST)
- 13670 **AUSTRALIA R. Australia**, Shepparton, 0003-0007 in EE, talk of stepped up anti-marijuana cultivation effort in Australia, 50dB signal, Excl. 5/1 (Parker-PA)
- 13700 **CHINA CNR 13**, Lingshi, 0008-0010 in Uighur with alternate m and w ancres, sigs to 40db, Excl. 5/1 (Parker-PA)
- 13715 **IRAN VOIRI**, Sirjan, 0011-0013 in CC with Woman talking, strong sigs to 40dB but very weak audio. Poor. 5/1 (Parker-PA)

- 13725 **ALBANIA R. Tirana** 2002 EE w/ID, freq schedule, national news. Fair. 5-9 (McGuire-MD)
- 13770 **CHINA CRI**, Xian, 0020-0023 in Vietnamese with Woman talking, bridges of traditional VV mx, sigs only 20-20dB off the side of the beam with rapid QSB and multi-path echo, p-f. 5/1 (Parker-PA)
- 13780 **SRI LANKA Deutsche Welle**, Trincomalee, 0024-0027 in EE with talks, at the noise floor, poor. 5/1 (Parker-PA)
- 13795 **INDIA AIR**, Bangalore, 0028-0032 in Tamil with Woman ancr and wonderful folk mx. 20-40dB sigs with QSB, .still quite good. 5/1 (Parker-PA) (AIR often has excellent music. ed.)
- 13800 **OPPOSITION Sound of Hope** (Target China Xmtrs Taiwan) 1245-1259 Chinese. Weak but understandable. 5/20 (Handler-IL)
- 15170 **THAILAND VOA**, via Udon Thani, 0040-0043 in CC, fast paced prgm with Man and Woman ancrs and bits of CC mx, sigs to 20db with trans-polar flutter, still f-g. 5/1 (Parker-PA)
- 15275 **THAILAND R. Thailand** at 0012 with an ad for Bangkok Airways then a man with "Radio Thailand News" - Weak 5/27 (Coady-ONT)
- 15330 **CANADA RCI** 2000 EE w/ID and National & regional news. Fair. 5/14 (McGuire-MD)
- 15335 **SINGAPORE BBC** at 0000 with time pips and a Woman with "BBC News". Fair ./15360 THAILAND. Fair. 5/27 (Coady-ONT)
- 15400 **ASCENSION BBC** via Ascension, 1812-1825 in EE, story about Bob Marley with many snips of his mx, 50dB signal, exc. 5/14 (Parker-PA)
- 15515 **AUSTRALIA R. Australia**, Shepparton, 2150-2154 in EE, talk about income disparity between urban and rural dwellers, 50dB signal, g-exc. 5/7 (Parker-PA)
- 15540 **KUWAIT R. Kuwait** 1753-1803 AA/EE Arabic talk and music, ID and pips then into EE program about Islam. Good. 5/14 (McGuire-MD) At 1950 with pop music then a man with a government notice about foreign residents and immigration policies at 1956 - Very Good 5/22 (Coady-ONT) At 2036-2109* non-stop pop vocals until 2050 local TC, ID and a Male ancr with news in EE. Special announcements about immigration policies for foreigners at 2053. ID and mention of "approaching midnight" as well as closedown announcements at 2058. Orchestra National Anthem at 2059. Time pip followed by Arabic ID, music fanfare and man with news in Arabic. Carrier finally terminated at 2109. Fair to good with moderate flutter. 6/4 (D'Angelo-PA)
- 15580 **BOTSWANA VOA**, 2255-2258 in EE with afropops, 30-40dB signal with loud audio. Excl. 5/7 (Parker-PA)
- 15542 **OPPOSITION Voice of Tibet** (Target-Tibet Xmtr-Tajikistan) 1342-1352 GMT underneath Fire-drake jamming. Weak. 5/26 (Handler-IL)
- 15557 **UNIDENTIFIED** 1411 heard het with voice underneath. Unable to identify, too weak, just barely audible. This frequency is used by the Voice of Tibet, but this time slot is not listed for that frequency. Signal too weak to identify the language. Poor. (Handler-IL)
- 15630 **GREECE** V. of Greece, Avlis, 2200 in GG with pips, ID. Excel. 5/7 (Parker-PA)
- 15720 **NEW ZEALAND RNZI** 0321 with a "Dateline Pacific" feature on how the Czech Republic is assisting some Pacific island nations with their environmental affairs - Good 5/27 (Coady-ONT) At 2205 in EE with sports nx, sigs to 20dB, f-g 5/7 (Parker-PA)
- 15850 **ISRAEL** Galei Zahal at 2230 in Hebrew with local folk music and a man and Woman with apparent small talk - Good 5/19 (Coady-ONT) Also heard 2005-2036 GMT Hebrew program. Fair. 5/20 and at 2150-2157 Male ancr in Hebrew. Fair. 6/8 (Handler-IL)
- 17725 **LIBYA** V. of Africa June 12 at 1356 already in EE a few minutes early, usual announcer mentioning hypothetical "United States of Africa" and ever more so now; poor (Glenn Hauser, OK, DX LISTENING DIGEST)
- 17750 **KUWAIT R. Kuwait**, Sulaiibiyah, 2145 in Arabic with nx, ments of Osama bin Laden, 100dB signal, exc. 5/7 (Parker-PA)

Hello all. This is my first column as International Band Loggings Editor, I want to thank my predecessor Wally Treibel not only for his many years of great service to NASWA but also for taking the time to provide me with many helpful editorial tips.

By way of a brief introduction, I have been a SWBC DXer since the late 1960s. In addition to SWBC, for many years I was an avid UTE DXer and published a fair amount of articles, publications and books on the subject. I still chase SWBC DX and enjoy QSLing. I welcome all comments and ideas and am happy to hear from members.

A question for members. A member has suggested that rather than list the date at the end of the logging, that I list the date right after the time. I am interested in knowing whether you have a preference.



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Days and times strictly UT

Due to necessary production schedule variations, the Wednesday times, at least on shortwave, sometimes carry new show, sometimes previous show.

Thu 1500 WRMI 9955

Thu 2100 WRMI 9955

Thu 2130 WBCQ 7415 [NEW]

Fri 0330 WWRB 5050

Fri 1430 WRMI 9955

Sat 0800 WRMI 9955

Sat 1500 WRMI 9955

Sat 1730 WRMI 9955

Sun 0800 WRMI 9955

Sun 1530 WRMI 9955

Sun 1730 WRMI 9955

Mon 0300 WBCQ 5110v-CUSB [NEW during Piratesweek hiatus]

Mon 1130 WRMI 9955

Mon 1530 WRMI 9955

Mon 2130 WRMI 9955

Tue 1530 WRMI 9955

Wed 1530 WRMI 9955

Wed 2130 WBCQ 7415 [or 2115, or 2100]

Thu 0330 WRMI 9955

No longer on WWCR or IRRS/NEXUS-IBA/IPAR
Expected to start on WTWW 5755/9479 in July

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Best of DX to all NASWAns, 73, Glenn Hauser

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